City of Sacramento

3Q2020: Board Report





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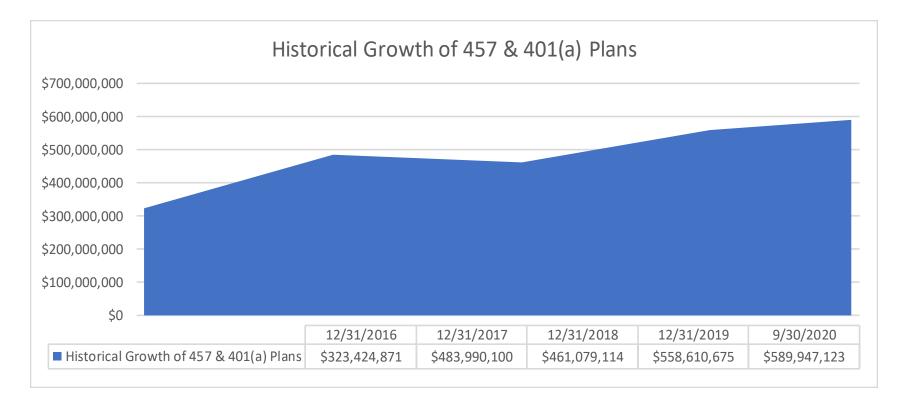
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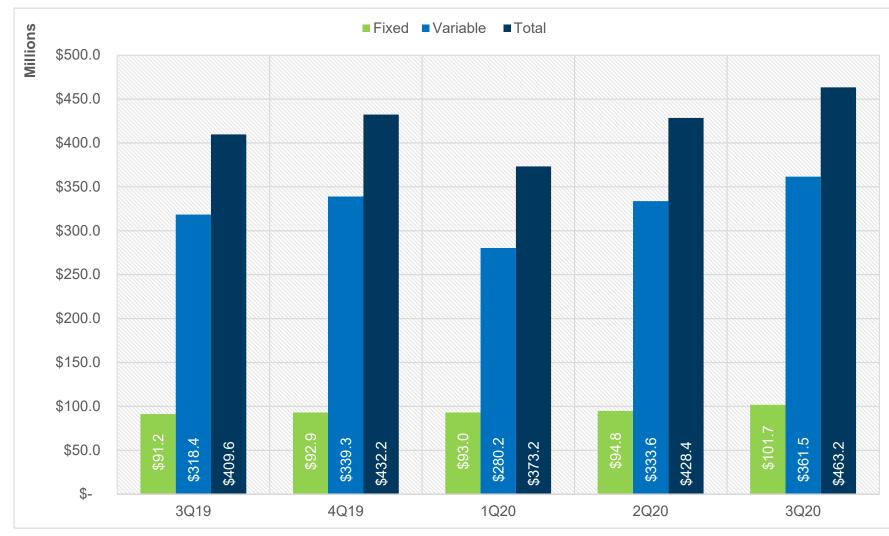
Administration Report

3Q20: Balance Sheet

	457	_	401(a)					401(a)		Total
		ſ	Management		NCOE, L39 Supv	C	ity Council			
Beginning Balance as of 07/01/2020	\$ 428,431,598.25	\$	101,347,318.84	\$	14,025,861.12	\$	680,312.04	\$ 544,485,090.25		
RECEIPTS:										
Contribs/Loans/Roll-ins	\$ 7,797,704.18	\$	2,222,152.20	\$	317,514.10	\$	21,132.09	\$ 10,358,502.57		
Int/Dividend	\$ 1,892,252.59	\$	742,804.88	\$	62,225.87	\$	13,436.62	\$ 2,710,719.96		
Fees	\$ (176,796.22)	\$	(43,430.13)	\$	(7,749.42)	\$	(230.17)	\$ (228,205.94)		
	\$ 9,513,160.55	\$	2,921,526.95	\$	371,990.55	\$	34,338.54	\$ 12,841,016.59		
DISTRIBUTIONS:										
Distributions/Loans/Roll-outs	\$ 6,898,027.46	\$	831,295.04	\$	98,748.87	\$	-	\$ 7,828,071.37		
	\$ 6,898,027.46	\$	831,295.04	\$	98,748.87	\$	-	\$ 7,828,071.37		
Gain/Loss	\$ 23,907,233.06	\$	5,416,599.62	\$	775,507.90	\$	28,598.20	\$ 30,127,938.78		
Schwab PCRA	\$ 2,161,676.53	\$	315,815.79	\$	-	\$	-	\$ 2,477,492.32		
Loan Balance	\$ 6,118,721.99	\$	1,514,611.94	\$	210,321.86	\$	-	\$ 7,843,655.79		
Total Balance as of 09/30/2020	\$ 463,234,362.92	\$	110,684,578.10	\$	15,284,932.56	\$	743,248.78	\$ 589,947,122.36		

Historical Growth



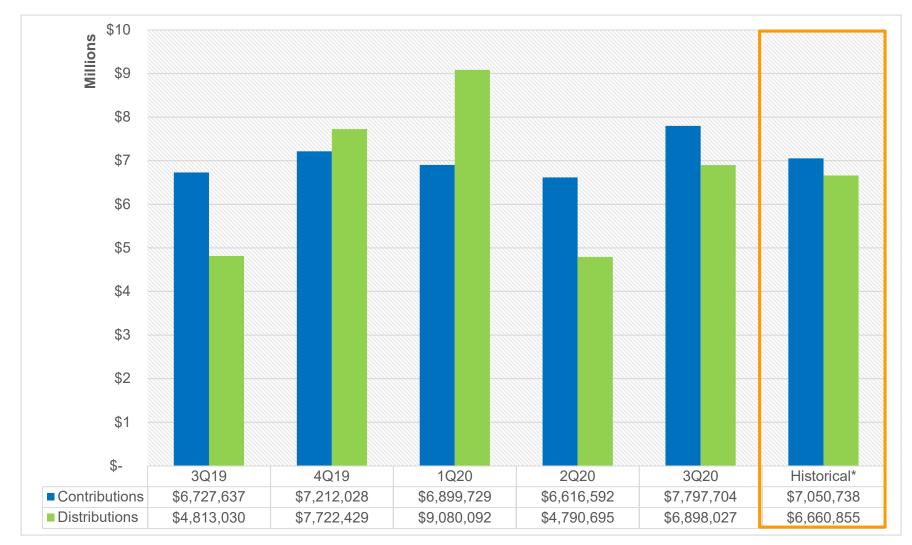


457(b): Asset Growth*

*Does not include Loans and Schwab

City of Sacramento

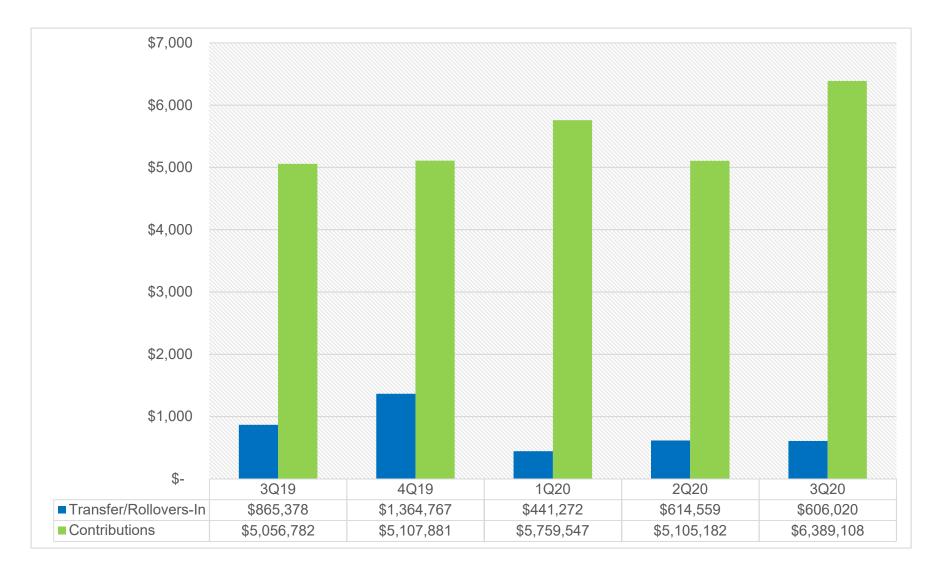
457(b): Contributions & Distributions



*Rolling 5 quarter average

City of Sacramento

457(b): Contributions Breakdown

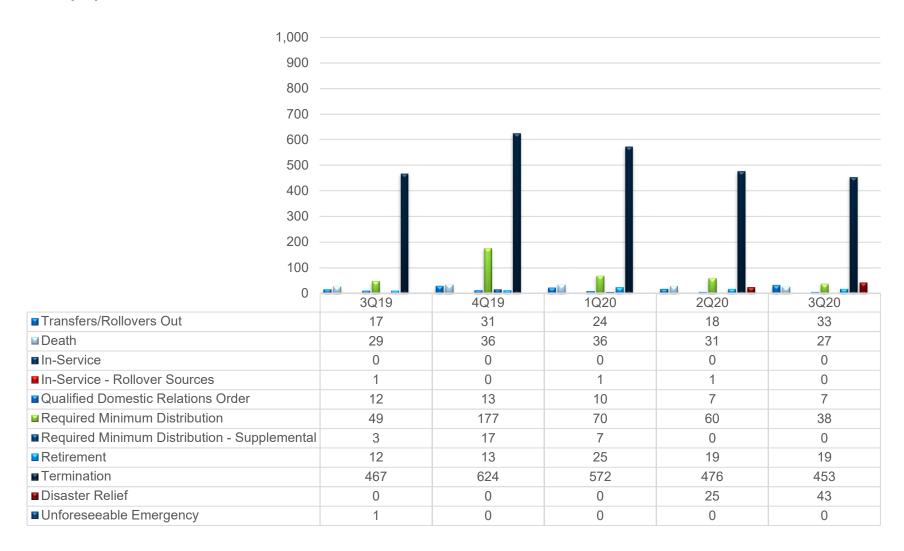


457(b): Distribution Breakdown Dollar Amount*



*Does not include loans or internal plan to plan rollovers/transfers

457(b): Distribution Breakdown Transaction Amount

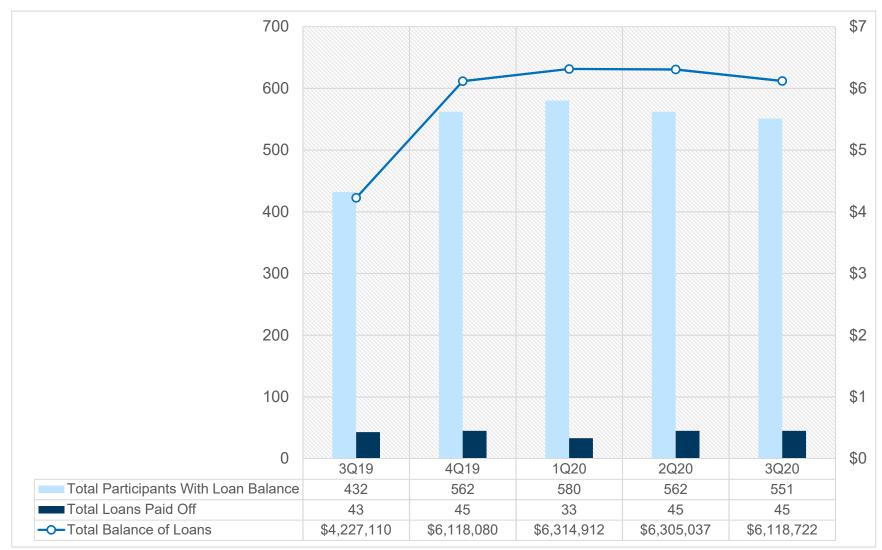


*Does not include loans or internal plan to plan rollovers/transfers



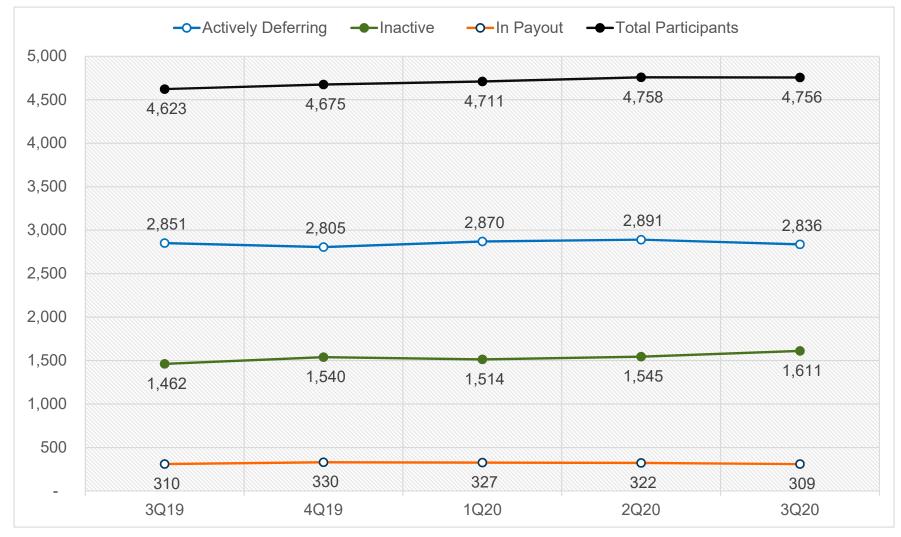
457 (b) Loan Activity

457(b) Loans Activity Summary



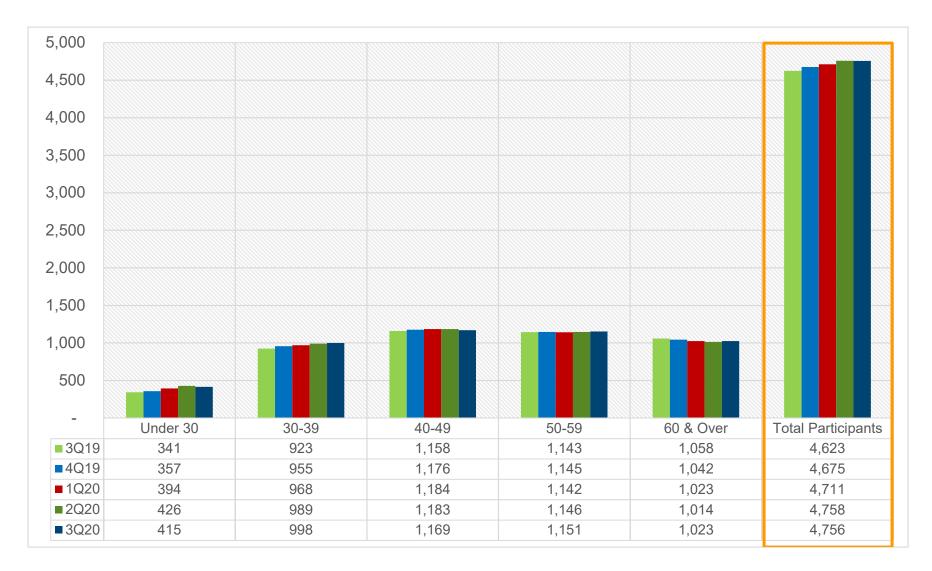
Plan Demographics

457(b) Participation Summary

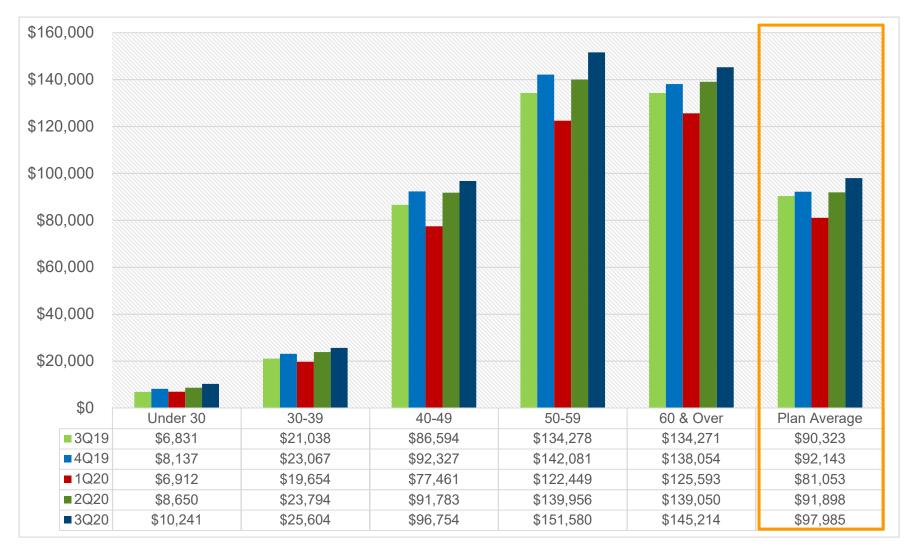


"Inactive" refers to a participant who is not contributing but not in payout

457(b) Participant Count by Age Group

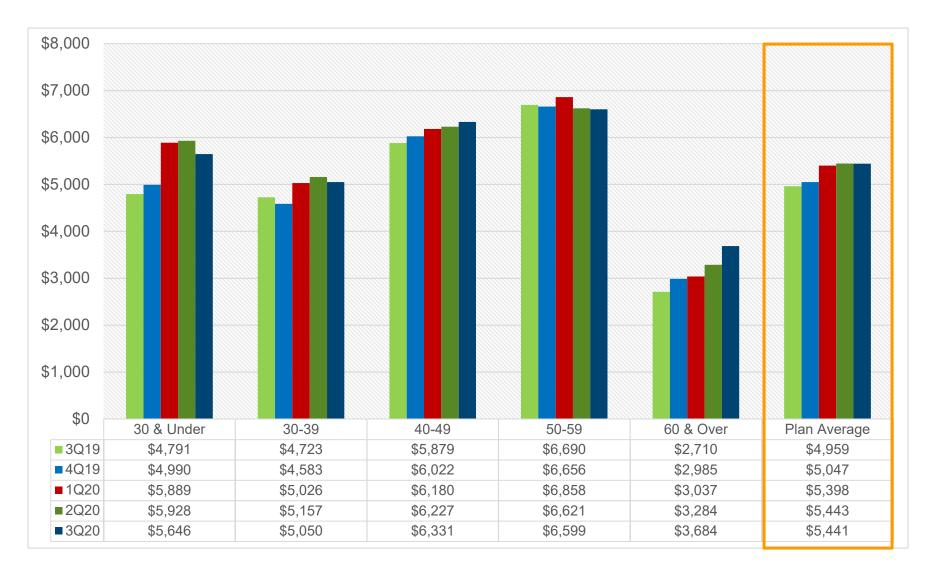


457(b) Average Account Balance by Age Group

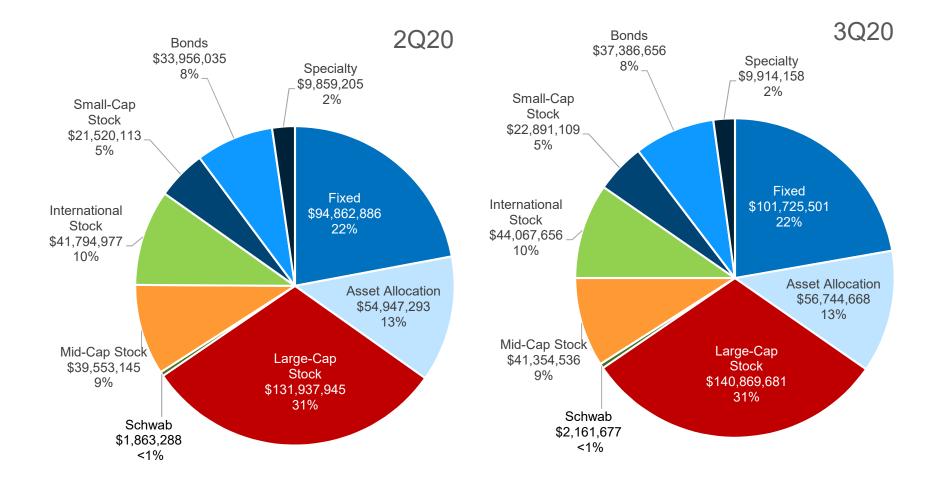


*Includes Loan Principal Amount and Loan Default Principal Amount

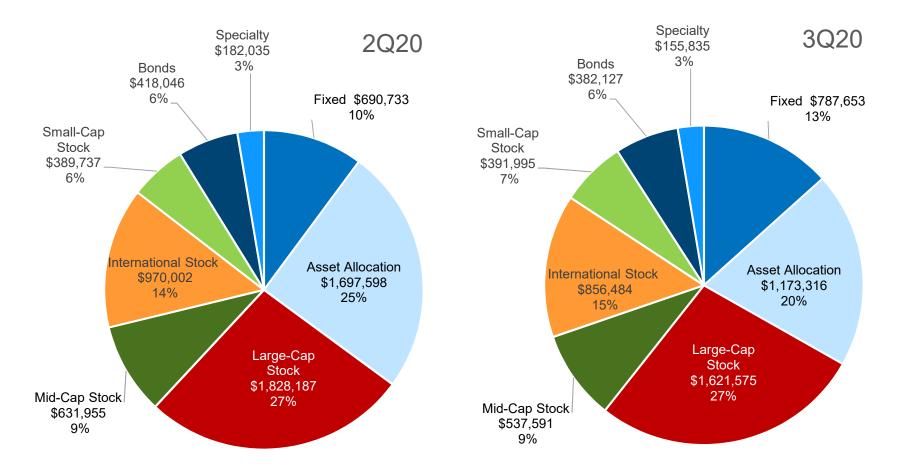
457(b) Average Annualized Participant Contribution by Age Group



457(b) Assets by Asset Class



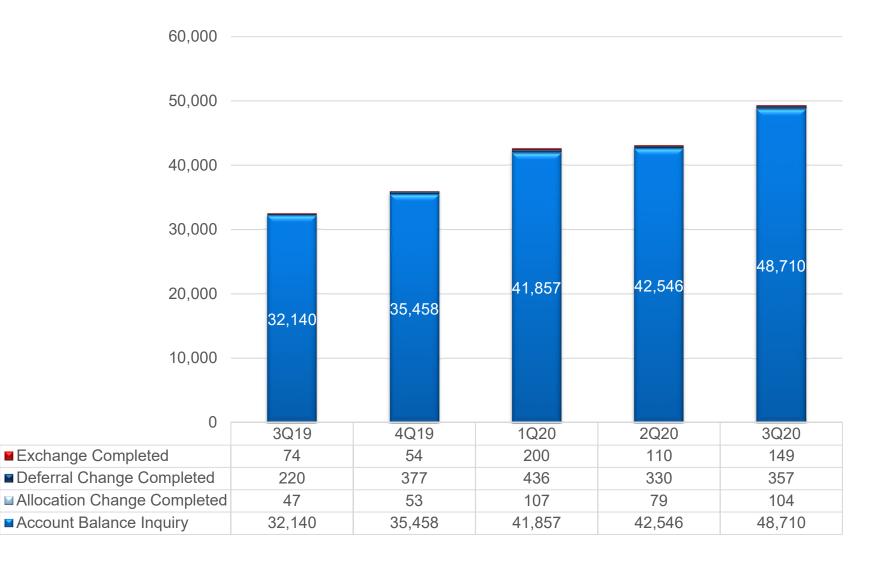
457(b) Contributions by Asset Class



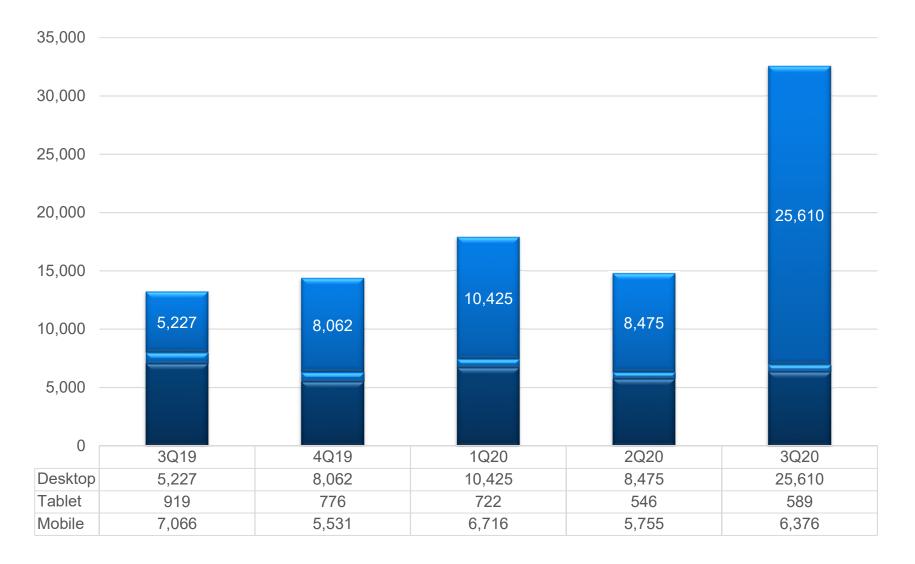
*Does not include Loans and Rollovers In

Participant Experience

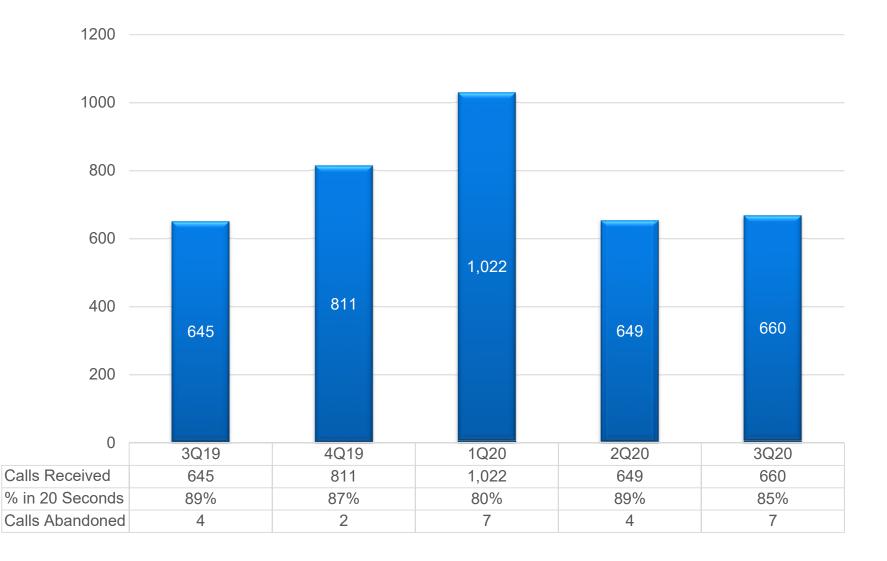
457(b) Participant Website Usage



457(b) Website Device Usage



457(b) Participant Call Center



Service Recap

CITY OF SACRAMENTO SERVICE RECAP

NATIONWIDE RETIREMENT SOLUTIONS

Quick Plan Facts

	As of 9/30/2020
Total Participant Count	4756
New Enrollments YTD	203
Transfers/Rollovers into Plan YTD	67 = \$1,795,204

3nd Quarter Consultations, Meetings, and Site Visits

Activity	Result
Individual Consultations	414
Online Scheduling Appointments	199
Phone Appointments (Switched from in person to virtual because of Shelter in Place) 3/17 – 3/31	414 (same as Individual Consultations)
Group Meetings	13 Meetings with 263 Attendees *(See Note Below)
Unique Locations Visited	0
Site Visits	0
Retirement Readiness Reports	80

Education Campaigns/Flyers/Calls/Emails

No Beneficiary on File	EMAILED 369
No Beneficiary on File	CALLS 112
Have 401 but no 457	EMAILED 114
Appointment Reminder	EMAILED 4700
Welcome New PD Officers	EMAILED 25

*WEBINAR SERIES: The NorCal Retirement Specialist Team hosted two sets of webinars over the third quarter. One per week for 5 weeks. Then, again a few weeks later. Topics were:

Retirement 101 // Retirement Myths // Women & Retirement // Risk vs Reward // Online Planning Tools

Local Nationwide Service Team

Rick Watson- Retirement Specialist/916-633-0010/ rick.watson@nationwide.com John Steggell - Managing Director/310-245-7436/ steggi2@nationwide.com Jake Sours – Program Director/916-708-1320/soursj1@nationwide.com



09/30/2020

Explicit Asset Fee Summary

1079 - Explicit Asset Fee Report

Accounting Group:	21
Plan Sponsor Name:	CITY OF SACRAMENTO
Plan Name:	CITY OF SACRAMENTO
Plan ID:	0055515-001/0055516-001/0055517-001/0055518-001
IRS Code:	Summary of all plans
Payee:	NRS

	NRS Fee Amount
July 457	\$11,401.31
July Management 401A	\$2,702.25
July City Council 401A	\$18.28
July WCOE 401A	\$370.07
July Total	\$14,491.91
August 457	\$11,816.12
August Management 401A	\$2,814.44
August City Council 401A	\$19.12
August WCOE 401A	\$386.69
August Total	\$15,036.37
September 457	\$11,234.74
September Management 401A	\$2,683.64
September City Council 401A	\$18.29
September WCOE 401A	\$368.53
September Total	\$14,305.20
Q3 2020 Revenue Total	\$43,833.48

Fee Normalization Calculation

Fee Normalization Calculation Plan Sponsor Name: CITY OF SACRAMENTO 457 Plan ID: 0055515001 IRS Code: 457 Report Period: 01-Jul-2020 to 30-Sep-2020

Fund Name	Fund	Ticker	07/31/2020 Account Value	08/31/2020 Account Value	09/30/2020 Account Value	Jul-2020 Annual Fund Srvc Fee Rate	Aug-2020 Annual Fund Srvc Fee Rate	Sep-2020 Annual Fund Srvc Fee Rate	3Q2020 Fund Service Fee Payment Amount
American Century Investments One Choice 2020 Portfolio - Class R6	NTV399	ARBDX	\$7.074.988	\$7.058.660	\$6,712,175	0.000%	0.000%	0.000%	
American Century Investments One Choice 2025 Portfolio - Class R6	NTV399	ARW DX	\$8.258.975	\$8,119,325	\$7,999,479	0.000%	0.000%	0.000%	\$0 \$0
American Century Investments One Choice 2020 Fortfolio - Class Ro	NTV400	ARCUX	\$11,447,575	\$11,298,127	\$11,363,572	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2035 Portfolio - Class R6	NTV401	ARLDX	\$6,927,421	\$7,194,495	\$7,065,887	0.000%	0.000%	0.000%	\$0 \$0
American Century Investments One Choice 2009 Fortfolio - Class Ro	NTV402 NTV403	ARDUX	\$7,586,424	\$7,729,771	\$7,619,084	0.000%	0.000%	0.000%	\$0 \$0
American Century Investments One Choice 2045 Portfolio - Class R6	NTV403	ARDOX	\$2,034,764	\$2,131,922	\$2,066,696		0.000%	0.000%	\$0
American Century Investments One Choice 2040 Fortfolio - Class R6	NTV404	ARFEX	\$2,054,704	\$2,068.847	\$2,000,090	0.000%	0.000%	0.000%	\$0 \$0
American Century Investments One Choice 2055 Portfolio - Class R6	NTV405	AREUX	\$1,353,760	\$1,350,878	\$2,001,204	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2000 Portfolio - Class R6	NTV400	ARGDX	\$1,404,518	\$1,461,494	\$1,471,380	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice In Retirement Portfolio - Class R6	NTV407	ARDTX	\$9,268,279	\$9,475,506	\$8,807,686	0.000%	0.000%	0.000%	\$0 \$0
American Century Mid Cap Value Fund - Class R6	NTV398	AMDVX	\$11,762,895	\$12,017,501	\$11,743,406	0.000%	0.000%	0.000%	\$0
BlackRock Global Allocation Fund - Institutional Class	NTV390	MALOX	\$176,976	\$184,329	\$207,452	0.250%	0.250%	0.250%	\$119
Columbia High Yield Bond Fund Class R5	NTV391	RSHRX	\$8,076,277	\$8,380,420	\$8,264,117	0.100%	0.100%	0.100%	\$2,071
Fidelity Contrafund K6	NTV789	FLCNX	\$57.012.987	\$61.395.509	\$58.089.747	0.000%	0.000%	0.000%	\$0
Goldman Sachs Global Core Fixed Income Fund - Institutional Class	NTV393	GSGLX	\$556,583	\$593.936	\$624,924	0.050%	0.050%	0.050%	\$74
Goldman Sachs Large Cap Growth Insights Fund - Institutional Class	NTV392	GCGIX	\$22,124,115	\$23.695.152	\$22.663.835	0.150%	0.150%	0.150%	\$8,608
Invesco Developing Markets Fund - Class R6	NTV08X	ODVIX	\$8,262,910	\$8,103,567	\$8,056,456	0.000%	0.000%	0.000%	\$0
Invesco Discovery Fund - Class R6	NTV412	ODIIX	\$9,934,499	\$10,381,904	\$10,266,661	0.000%	0.000%	0.000%	\$0
Invesco Oppenheimer International Growth Fund - Class R6	NTV01X	OIGIX	\$20,113,725	\$20,229,973	\$20,448,037	0.000%	0.000%	0.000%	\$0
iShares MSCI EAFE International Index Fund - Institutional Shares	NTV409	MAIIX	\$14,070,697	\$14,509,730	\$14,183,098	0.050%	0.050%	0.050%	\$1,792
JPMorgan Small Cap Equity R5	NTV09X	JSERX	\$10.667.621	\$10,920,030	\$10,432,207	0.100%	0.100%	0.100%	\$2,684
Loan	LXM001		\$6.312.683	\$6,299,080	\$6,146,370	0.000%	0.000%	0.000%	\$0
MFS Mid Cap Growth Fund - Class R6	NTV411	ОТСКХ	\$19.072.193	\$19,505,513	\$19,053,930	0.000%	0.000%	0.000%	\$0
MFS Value Fund - Class R6	NTV442	MEIKX	\$22,393,865	\$23,140,617	\$22,774,948	0.000%	0.000%	0.000%	\$0
Nationwide Bailard International Equities Fund - R6 Class	NTV07U	NWHMX	\$1,398,346	\$1,429,112	\$1,380,064	0.000%	0.000%	0.000%	\$0
Nationwide Fixed Fund	NWG272		\$97,228,242	\$100,280,638	\$101,725,501	0.000%	0.000%	0.000%	\$0
PGIM Total Return Bond Fund - Class Z	NTV395	PDBZX	\$20,736,705	\$22,010,059	\$22,390,711	0.250%	0.250%	0.250%	\$13,640
PIMCO Income Fund: Institutional Class	NTV394	PIMIX	\$5,692,989	\$6,002,103	\$6,106,904	0.000%	0.000%	0.000%	\$0
Schwab Personal Choice Retirement Account	SDM001		\$1,931,118	\$2,265,105	\$2,173,618	0.000%	0.000%	0.000%	\$0
TIAA-CREF Real Estate Securities Fund - Institutional Class	NTV396	TIREX	\$10,252,760	\$10,171,022	\$9,914,158	0.000%	0.000%	0.000%	\$0
Vanguard 500 Index Fund - Admiral Shares	NTV135	VFIAX	\$37,143,330	\$38,994,264	\$37,341,150	0.000%	0.000%	0.000%	\$0
Vanguard Mid-Cap Index Fund - Admiral Shares	NTV154	VIMAX	\$10,721,149	\$10,796,760	\$10,557,199	0.000%	0.000%	0.000%	\$0
Vanguard(R) Small-Cap Value Index Fund - Institutional Shares	NTV397	VSIIX	\$2,258,577	\$2,340,087	\$2,192,241	0.000%	0.000%	0.000%	\$0
Total			\$455,224,078	\$471,535,438	\$463,273,953				\$28,987

Fee Normalization Calculation Plan Sponsor Name: CITY OF SACRAMENTO MANAGEMENT 401A Plan ID: 0055516001 IRS Code: 401A Report Period: 01-Jul-2020 to 30-Sep-2020

			07/31/2020 Account	08/31/2020 Account	09/30/2020 Account	Jul-2020 Annual Fund	Aug-2020 Annual Fund	Sep-2020 Annual Fund	3Q2020 Fund Service Fee
Fund Name	Fund	Ticker	Value	Value	Value	Srvc Fee Rate	Srvc Fee Rate	Srvc Fee Rate	Payment Amount
American Century Investments One Choice 2020 Portfolio - Class R6	NTV399	ARBDX	\$3,674,080	\$3,770,722	\$3,711,300	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2020 Fortfolio - Class R6	NTV399	ARW DX	\$2,669,234	\$2,695,156	\$2,934,367	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2020 Fortfolio - Class R6	NTV400	ARCUX	\$3,379,507	\$3,420,737	\$3,397,519	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2000 Fortfolio - Class R6	NTV401	ARLDX	\$2,510,960	\$2.609.475	\$2,596,432	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2000 Portfolio - Class R6	NTV402	ARDUX	\$1,751,022	\$1,849,883	\$1,772,365	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2045 Portfolio - Class R6	NTV403	ARDOX	\$859,192	\$896,203	\$898,082	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2050 Portfolio - Class R6	NTV404	ARFEX	\$1,084,894	\$1,149,687	\$1,162,953	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2055 Portfolio - Class R6	NTV406	AREUX	\$644.179	\$693,546	\$697,294	0.000%	0.000%	0.000%	\$0 \$0
American Century Investments One Choice 2000 Portfolio - Class R6	NTV400	ARGDX	\$157,193	\$119,848	\$123,769	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice In Retirement Portfolio - Class R6	NTV407	ARDTX	\$3.314.301	\$3.392.332	\$3,349,798	0.000%	0.000%	0.000%	\$0
American Century Mid Cap Value Fund - Class R6	NTV398	AMDVX	\$2,772,002	\$2,798,236	\$2,763,053	0.000%	0.000%	0.000%	\$0
BlackRock Global Allocation Fund - Institutional Class	NTV390	MALOX	\$69,110	\$76,644	\$84,487	0.250%	0.250%	0.250%	\$48
Columbia High Yield Bond Fund Class R5	NTV391	RSHRX	\$2.081.247	\$2.157.947	\$2,175,408	0.100%	0.200%	0.100%	\$537
Fidelity Contrafund K6	NTV789	FLCNX	\$9,183,390	\$9,977,530	\$9,526,614	0.000%	0.000%	0.000%	\$0
Goldman Sachs Global Core Fixed Income Fund - Institutional Class	NTV393	GSGLX	\$224,738	\$243,218	\$244,145	0.050%	0.050%	0.050%	\$30
Goldman Sachs Large Cap Growth Insights Fund - Institutional Class	NTV392	GCGIX	\$6,200,989	\$6.745.833	\$6.226.661	0.150%	0.150%	0.150%	\$2,410
Invesco Developing Markets Fund - Class R6	NTV08X	ODVIX	\$2,175,349	\$2,150,417	\$2,151,390	0.000%	0.000%	0.000%	\$0
Invesco Discovery Fund - Class R6	NTV412	ODIIX	\$1,941,785	\$1,942,305	\$1,955,345	0.000%	0.000%	0.000%	\$0
Invesco Oppenheimer International Growth Fund - Class R6	NTV01X	OIGIX	\$4,489,488	\$4,505,333	\$4,639,323	0.000%	0.000%	0.000%	\$0 \$0
iShares MSCI EAFE International Index Fund - Institutional Shares	NTV409	MAIIX	\$3,443,295	\$3,563,340	\$3,498,253	0.050%	0.050%	0.050%	\$440
JPMorgan Small Cap Equity R5	NTV09X	JSERX	\$2,649,095	\$2,747,828	\$2,636,985	0.100%	0.100%	0.100%	\$673
Loan	LXM001		\$1,560,134	\$1,537,803	\$1,514,612	0.000%	0.000%	0.000%	\$0
MFS Mid Cap Growth Fund - Class R6	NTV411	ОТСКХ	\$3,703,670	\$3,799,235	\$3,647,004	0.000%	0.000%	0.000%	\$0
MFS Value Fund - Class R6	NTV442	MEIKX	\$5.042.322	\$5,255,039	\$5,246,917	0.000%	0.000%	0.000%	\$0
Nationwide Bailard International Equities Fund - R6 Class	NTV07U	NWHMX	\$373,589	\$392,639	\$386,612	0.000%	0.000%	0.000%	\$0
Nationwide Fixed Fund	NWG272		\$16,663,500	\$17,442,767	\$17,578,215	0.000%	0.000%	0.000%	\$0
PGIM Total Return Bond Fund - Class Z	NTV395	PDBZX	\$5,330,610	\$5,772,693	\$5,720,366	0.250%	0.250%	0.250%	\$3,523
PIMCO Income Fund: Institutional Class	NTV394	PIMIX	\$1,906,138	\$1,967,295	\$1,993,984	0.000%	0.000%	0.000%	\$0
Schwab Personal Choice Retirement Account	SDM001		\$311,354	\$325,747	\$319,324	0.000%	0.000%	0.000%	\$0
TIAA-CREF Real Estate Securities Fund - Institutional Class	NTV396	TIREX	\$2,884,343	\$2,887,054	\$2,844,884	0.000%	0.000%	0.000%	\$0
Vanguard 500 Index Fund - Admiral Shares	NTV135	VFIAX	\$11,368,984	\$11,885,814	\$11,365,456	0.000%	0.000%	0.000%	\$0
Vanguard Mid-Cap Index Fund - Admiral Shares	NTV154	VIMAX	\$2,775,325	\$2,786,077	\$2,794,689	0.000%	0.000%	0.000%	
Vanguard(R) Small-Cap Value Index Fund - Institutional Shares	NTV397	VSIIX	\$725,613	\$736,437	\$730,478	0.000%	0.000%	0.000%	\$0
Total	•		\$107,920,634	\$112,294,817	\$110,688,086				\$7,663

Fee Normalization Calculation Plan Sponsor Name: CITY OF SACRAMENTO CITY COUNCIL 401A Plan ID: 0055517001 IRS Code: 401A Report Period: 01-Jul-2020 to 30-Sep-2020

			07/31/2020 Account	08/31/2020 Account	09/30/2020 Account	Jul-2020 Annual Fund	Aug-2020 Annual Fund	Sep-2020 Annual Fund	3Q2020 Fund Service Fee
Fund Name	Fund	Ticker	Value	Value	Value	Srvc Fee Rate	Srvc Fee Rate	Srvc Fee Rate	Payment Amount
American Century Investments One Choice 2020 Portfolio - Class R6	NTV399	ARBDX	\$78,984	\$81,603	\$81,124	0.000%	0.000%	0.000%	
American Century Investments One Choice 2025 Portfolio - Class R6	NTV400	ARW DX	\$91,983	\$96,119	\$96,290	0.000%	0.000%	0.000%	
American Century Investments One Choice 2035 Portfolio - Class R6	NTV402	ARLDX	\$56,169	\$58,723	\$58,370	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2040 Portfolio - Class R6	NTV403	ARDUX	\$56,957	\$59,680	\$59,268	0.000%	0.000%	0.000%	
American Century Investments One Choice In Retirement Portfolio - Class R6	NTV408	ARDTX	\$90,674	\$94,161	\$94,194	0.000%	0.000%	0.000%	
American Century Mid Cap Value Fund - Class R6	NTV398	AMDVX	\$20,344	\$20,858	\$20,477	0.000%	0.000%	0.000%	\$0
Columbia High Yield Bond Fund Class R5	NTV391	RSHRX	\$7,781	\$8,224	\$8,119	0.100%	0.100%	0.100%	\$2 \$0
Fidelity Contrafund K6	NTV789	FLCNX	\$116,916	\$127,441	\$121,616	0.000%	0.000%	0.000%	\$0
Goldman Sachs Large Cap Growth Insights Fund - Institutional Class	NTV392	GCGIX	\$6,684	\$6,627	\$6,319	0.150%	0.150%	0.150%	\$2
Invesco Developing Markets Fund - Class R6	NTV08X	ODVIX	\$8,448	\$8,101	\$7,929	0.000%	0.000%	0.000%	
Invesco Discovery Fund - Class R6	NTV412	ODIIX	\$6,766	\$6,573	\$6,471	0.000%	0.000%	0.000%	\$0
Invesco Oppenheimer International Growth Fund - Class R6	NTV01X	OIGIX	\$16,860	\$16,386	\$16,435	0.000%	0.000%	0.000%	\$0
iShares MSCI EAFE International Index Fund - Institutional Shares	NTV409	MAIIX	\$14,915	\$15,311	\$15,038	0.050%	0.050%	0.050%	\$2
JPMorgan Small Cap Equity R5	NTV09X	JSERX	\$11,883	\$12,160	\$11,824	0.100%	0.100%	0.100%	\$3
MFS Value Fund - Class R6	NTV442	MEIKX	\$11,037	\$11,429	\$11,225	0.000%	0.000%	0.000%	
Nationwide Fixed Fund	NWG272		\$18,446	\$21,378	\$21,416	0.000%	0.000%	0.000%	
PGIM Total Return Bond Fund - Class Z	NTV395	PDBZX	\$20,973	\$23,082	\$23,074	0.250%	0.250%	0.250%	
PIMCO Income Fund: Institutional Class	NTV394	PIMIX	\$4,475	\$4,937	\$4,941	0.000%	0.000%	0.000%	
TIAA-CREF Real Estate Securities Fund - Institutional Class	NTV396	TIREX	\$24,190	\$24,235	\$23,787	0.000%	0.000%	0.000%	\$0
Vanguard 500 Index Fund - Admiral Shares	NTV135	VFIAX	\$24,878	\$26,197	\$25,393	0.000%	0.000%	0.000%	
Vanguard Mid-Cap Index Fund - Admiral Shares	NTV154	VIMAX	\$19,328	\$19,768	\$19,625	0.000%	0.000%	0.000%	\$0
Vanguard(R) Small-Cap Value Index Fund - Institutional Shares	NTV397	VSIIX	\$9,869	\$10,515	\$10,315	0.000%	0.000%	0.000%	
Total			\$718,560	\$753,510	\$743,249				\$23

Fee Normalization Calculation Plan Sponsor Name: CITY OF SAC WCOE, L39 SUPV, AND CONF EMPLOYEES Plan ID: 0055518001 IRS Code: 401A Report Period: 01-Jul-2020 to 30-Sep-2020

			07/31/2020 Account	08/31/2020 Account	09/30/2020 Account	Jul-2020 Annual Fund	Aug-2020 Annual Fund	Sep-2020 Annual Fund	3Q2020 Fund Service Fee
Fund Name	Fund	Ticker	Value	Value	Value	Srvc Fee Rate	Srvc Fee Rate	Srvc Fee Rate	Payment Amount
American Century Investments One Choice 2020 Portfolio - Class R6	NTV399	ARBDX	\$196,208	\$187,054	\$185,851	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2025 Portfolio - Class R6	NTV400	ARW DX	\$360,068	\$370,406	\$359,438	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2030 Portfolio - Class R6	NTV401	ARCUX	\$640,475	\$666,827	\$663,058	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2035 Portfolio - Class R6	NTV402	ARLDX	\$722,167	\$756,119	\$741,857	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2040 Portfolio - Class R6	NTV403	ARDUX	\$306,971	\$319,613	\$317,294	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2045 Portfolio - Class R6	NTV404	ARDOX	\$164,102	\$179,068	\$180,787	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2050 Portfolio - Class R6	NTV405	ARFEX	\$258,317	\$275,924	\$276,739	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2055 Portfolio - Class R6	NTV406	AREUX	\$240,868	\$250,771	\$250,938	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice 2060 Portfolio - Class R6	NTV407	ARGDX	\$61,879	\$67,462	\$67,789	0.000%	0.000%	0.000%	\$0
American Century Investments One Choice In Retirement Portfolio - Class R6	NTV408	ARDTX	\$341,445	\$349,997	\$348,774	0.000%	0.000%	0.000%	\$0
American Century Mid Cap Value Fund - Class R6	NTV398	AMDVX	\$431,201	\$438,237	\$426,824	0.000%	0.000%	0.000%	\$0
BlackRock Global Allocation Fund - Institutional Class	NTV390	MALOX	\$0	\$0	\$2,564	0.000%	0.000%	0.250%	\$1
Columbia High Yield Bond Fund Class R5	NTV391	RSHRX	\$259,811	\$268,784	\$265,122	0.100%	0.100%	0.100%	\$67
Fidelity Contrafund K6	NTV789	FLCNX	\$1,161,419	\$1,258,142	\$1,210,500	0.000%	0.000%	0.000%	\$0
Goldman Sachs Global Core Fixed Income Fund - Institutional Class	NTV393	GSGLX	\$8,658	\$8,713	\$8,119	0.050%	0.050%	0.050%	\$1
Goldman Sachs Large Cap Growth Insights Fund - Institutional Class	NTV392	GCGIX	\$629,293	\$675,023	\$648,557	0.150%	0.150%	0.150%	\$245
Invesco Developing Markets Fund - Class R6	NTV08X	ODVIX	\$302,505	\$296,947	\$289,620	0.000%	0.000%	0.000%	\$0
Invesco Discovery Fund - Class R6	NTV412	ODIIX	\$256,489	\$260,715	\$261,113	0.000%	0.000%	0.000%	\$0
Invesco Oppenheimer International Growth Fund - Class R6	NTV01X	OIGIX	\$920,383	\$922,526	\$928,175	0.000%	0.000%	0.000%	\$0
iShares MSCI EAFE International Index Fund - Institutional Shares	NTV409	MAIIX	\$475,653	\$489,290	\$477,288	0.050%	0.050%	0.050%	\$60
JPMorgan Small Cap Equity R5	NTV09X	JSERX	\$477,410	\$492,892	\$475,592	0.100%	0.100%	0.100%	\$121
Loan	LXM001		\$217,632	\$213,323	\$210,322	0.000%	0.000%	0.000%	\$0
MFS Mid Cap Growth Fund - Class R6	NTV411	OTCKX	\$250,505	\$258,986	\$266,690	0.000%	0.000%	0.000%	\$0
MFS Value Fund - Class R6	NTV442	MEIKX	\$798,111	\$829,166	\$820,040	0.000%	0.000%	0.000%	\$0
Nationwide Bailard International Equities Fund - R6 Class	NTV07U	NWHMX	\$93,630	\$98,426	\$99,608	0.000%	0.000%	0.000%	\$0
Nationwide Fixed Fund	NWG272		\$2,423,587	\$2,557,830	\$2,541,344	0.000%	0.000%	0.000%	\$0
PGIM Total Return Bond Fund - Class Z	NTV395	PDBZX	\$689,213	\$723,702	\$718,043	0.250%	0.250%	0.250%	\$446
PIMCO Income Fund: Institutional Class	NTV394	PIMIX	\$140,047	\$149,571	\$155,210	0.000%	0.000%	0.000%	\$0
TIAA-CREF Real Estate Securities Fund - Institutional Class	NTV396	TIREX	\$306,322	\$304,985	\$296,547	0.000%	0.000%	0.000%	\$0
Vanguard 500 Index Fund - Admiral Shares	NTV135	VFIAX	\$1,296,261	\$1,373,202	\$1,324,217	0.000%	0.000%	0.000%	\$0
Vanguard Mid-Cap Index Fund - Admiral Shares	NTV154	VIMAX	\$385,396	\$396,129	\$397,725	0.000%	0.000%	0.000%	\$0
Vanguard(R) Small-Cap Value Index Fund - Institutional Shares	NTV397	VSIIX	\$62,486	\$64,128	\$69,189	0.000%	0.000%	0.000%	\$0
Total			\$14,878,511	\$15,503,960	\$15,284,933				\$941

Summary of all Plans

	07/31/2020	08/31/2020	09/30/2020	3Q2020 Fund
	Account	Account	Account	Service Fee
	Value	Value	Value	Payment Amount
Total	\$578,741,782	\$600,087,726	\$589,990,220	\$37,615

Service Level Agreements

City of Sacramento										
	Pla	n Administrator: Kim	Lovell							
Deliverable:	Service Level Agreement:	Penalty: Freque		Q3: Met/Failed	Q3: Penalty	Q3: Comments				
Annual Satisfaction Survey	Nationwide will conduct an annual participant satisfaction survey	\$2,500 1st year / \$5,000 annually for subsequent years	Annual	Met	\$0	Survey scheduled for Q4				
Annual Satisfaction Survey Results	Nationwide will analyze survey results, provide executive summary and recommended actions annually.	\$2,500 1st year / \$4,000 for subsequent years	Annual	Met	\$0	Survey scheduled for Q4				
On-Site Group Meetings	Nationwide will conduct 50 group meetings annually for Plan's employees. The 50 meeting count will be revisited annually with the Plan to determine appropriateness.	\$2,500 1st year / \$4,000 for subsequent years	Annual	Met	\$0	Annual Requirement: 13 group meetings in Q3				
Individual Meetings	Nationwide will conduct 1,000 individual meetings annually for Plan's employees. The 1,000 meeting count will be revisited annually with the Plan to determine appropriateness.	\$2,500 1st year / \$4,000 for subsequent years	Annual	Met	\$0	Annual Requirement: 414 individual meetings in Q3				
New Hire Enrollments	Nationwide will commit to enroll 50% of new hires into the 457(b) plan annually. This deliverable is contingent upon receiving new hire census data from the Plan in order to track and measure.	\$2,500 1st year / \$4,000 for subsequent years	Annual	Met	\$0	Annual requirement; NRS has met this standard for 3Q2020				

				Total Q3	\$0	
Plan Reports	Nationwide will provide quarterly reports to the Plan within 45 business days of the quarter end date.	Up to \$2,500 1st year (\$625 a quarter) / \$4,000 for subsequent years (\$1,000 a quarter) paid annually	Quarterly	Met	\$0	Confirmed NRS has met this standard for 3Q2020
Plan Sponsor Statements - Online	Nationwide will post quarterly Plan Sponsor statements to the website within 30 business days of the quarter end date.		Quarterly	Met	\$0	10/6/2020
Participant Statements - Mail	Nationwide will mail quarterly participant statements (not enrolled in e-Delivery) within 15 business days of the quarter end date.	Up to \$2,500 1st year (\$625 a quarter) / \$4,000 for subsequent years (\$1,000 a quarter) paid annually	Quarterly	Met	\$0	10/6/2020
Participant Statements - Online	Nationwide will post quarterly participant statements to the website within 15 business days of the quarter end date.	Up to \$2,500 1st year (\$625 a quarter) / \$4,000 for subsequent years (\$1,000 a quarter) paid annually	Quarterly	Met	\$0	10/6/2020
Plan Sponsor Services	Managing Director, Program Director and/or Relationship Consultant will respond to Plan Sponsor calls and return calls within one business day.	\$2,500 1st year / \$4,000 for subsequent years	Annual	Met	\$0	Annual requirement; NRS has met this standard for 3Q2020
Participant Services	Nationwide will answer 75% of participant calls to the service center within 20 seconds annually.	\$2,500 1st year / \$5,000 for subsequent years	Annual	Met	\$0	86.06%
Total Enrollments (new hires and existing employees)	Nationwide will commit to increase new enrollments into the 457(b) plan to 185 annually. The 185 enrollment threshold is based on historic Plan data provided by the Plan and will be revisited annually with the Plan based on hiring trends within the City.	\$2,500 1st year / \$4,000 for subsequent years	Annual	Met	\$0	Annual requirement; NRS has met this standard for 3Q2020

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CITY OF SACRAMENTO 457

Schwab Personal Choice Retirement Account (PCRA) Quarterly Report

As of 9/30/2020

Plan Profile Information	
Plan Type	457B
Total PCRA Assets	\$2,173,618
Total Funded PCRA Accounts	27
Total Roth Assets	N/A
Total Funded Roth Accounts	N/A
Total Advisor Managed PCRA Assets	\$413,224
Total Advisor Managed Funded PCRA Accounts	2
PCRA Accounts Opened This Quarter	5
PCRA Assets In and Out This Quarter*	\$207,096
Average PCRA Account Balance	\$80,504

Assets and Accounts (Trailing 4 Quarters)



* Assets In and Out includes contributions and distributions.

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PCRA Participant Profile Information	
Average Participant Age	56
Percent Male Participants	79%
Percent Female Participants	21%
Total Assets by Category	
Cash Investments	\$264,242
Equities	\$688,579
ETFs	\$701,306
Fixed Income	\$0
Mutual Funds	\$519,492
Other	\$0

Average Positions Per AccountCash Investments1.0Equities1.3ETFs1.4Fixed Income0.0Mutual Funds1.1Other0.0Total4.7

Average Trades Per Account	
Equities	2.4
ETFs	3.3
Fixed Income	0.0
Mutual Funds	0.6
Other	0.0
Total	6.3

Top 10 Mutual Fund Holdings**

Category	Symbol	OS*	\$MF Assets	%MF Assets
Large Capitalization Stock Funds	TRBCX	Y	\$59,510	12.55%
Large Capitalization Stock Funds	VDIGX	Ν	\$50,999	10.75%
Specialized Funds	SGDLX	Y	\$40,183	8.47%
Large Capitalization Stock Funds	LGILX	Y	\$34,031	7.18%
Large Capitalization Stock Funds	PFGGX	Y	\$24,998	5.27%
Large Capitalization Stock Funds	SWPPX	Y	\$24,555	5.18%
Large Capitalization Stock Funds	TWCIX	Y	\$21,820	4.60%
Large Capitalization Stock Funds	YAFFX	Y	\$19,326	4.08%
Large Capitalization Stock Funds	TGCNX	Y	\$16,186	3.41%
Large Capitalization Stock Funds	BIAWX	Y	\$15,693	3.31%
	Large Capitalization Stock Funds Large Capitalization Stock Funds Specialized Funds Large Capitalization Stock Funds	Large Capitalization Stock FundsTRBCXLarge Capitalization Stock FundsVDIGXSpecialized FundsSGDLXLarge Capitalization Stock FundsLGILXLarge Capitalization Stock FundsPFGGXLarge Capitalization Stock FundsSWPPXLarge Capitalization Stock FundsTWCIXLarge Capitalization Stock FundsYAFFXLarge Capitalization Stock FundsTGCNX	Large Capitalization Stock FundsTRBCXYLarge Capitalization Stock FundsVDIGXNSpecialized FundsSGDLXYLarge Capitalization Stock FundsLGILXYLarge Capitalization Stock FundsPFGGXYLarge Capitalization Stock FundsSWPPXYLarge Capitalization Stock FundsSWPPXYLarge Capitalization Stock FundsTWCIXYLarge Capitalization Stock FundsTWCIXYLarge Capitalization Stock FundsTAFFXYLarge Capitalization Stock FundsTGCNXY	Large Capitalization Stock FundsTRBCXY\$59,510Large Capitalization Stock FundsVDIGXN\$50,999Specialized FundsSGDLXY\$40,183Large Capitalization Stock FundsLGILXY\$34,031Large Capitalization Stock FundsPFGGXY\$24,998Large Capitalization Stock FundsSWPPXY\$24,555Large Capitalization Stock FundsTWCIXY\$21,820Large Capitalization Stock FundsYAFFXY\$19,326Large Capitalization Stock FundsTGCNXY\$16,186

Top 10 Fund Families

Name	\$MF Assets	%MF Assets
VANGUARD	\$74,516	15.71%
T ROWE PRICE	\$72,279	15.24%
LAUDUS FUNDS	\$34,031	7.18%
SCHWAB	\$32,948	6.95%
AMERICAN CENTURY	\$21,820	4.60%
AMG FUNDS	\$19,326	4.08%
TCW	\$16,186	3.41%
BROWN/IA	\$15,693	3.31%
FRANKLIN TEMPLETON	\$13,303	2.81%
FIDELITY	\$6,240	1.32%

**Top 10 Mutual Funds does not include Money Market Funds.

*OS = OneSource, no-load, no transaction fee.

Top 10 Equity Holdings

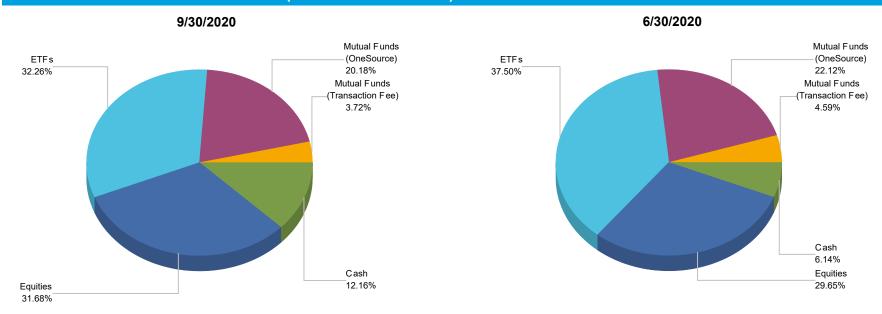
Name BARRICK GOLD CORP F	Category Materials	Symbol GOLD	\$EQ Assets \$140,550	%EQ Assets 20.41%
LULULEMON ATHLETICA	Consumer Discretionary	LULU	\$98,811	14.35%
CORE MOLDING TECHS	Materials	CMT	\$88,600	12.87%
NVIDIA CORP	Information Technology	NVDA	\$33,727	4.90%
PFIZER INC	Health Care	PFE	\$25,690	3.73%
L3HARRIS TECHNOLOGIES IN	Industrials	LHX	\$25,476	3.70%
STONECO LTD FCLASS A	Information Technology	STNE	\$22,108	3.21%
AMAZON.COM INC	Consumer Discretionary	AMZN	\$22,041	3.20%
MEDTRONIC PLC F	Health Care	MDT	\$20,784	3.02%
MARVELL TECH GROUP F	Information Technology	MRVL	\$19,850	2.88%

Top 10 ETF Holdings

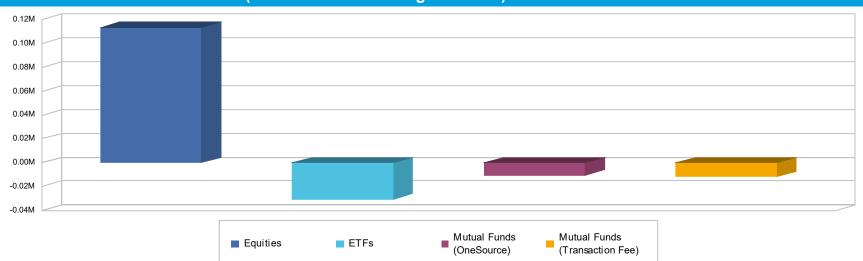
Name	Category	Symbol	OS*	\$ETF Assets	%ETF Assets
VANGUARD INTERMEDIATE TERM CO ETF IV	US FI	VCIT	N	\$100,877	14.38%
VANGUARD DIVIDEND APPRECIATION ETF	US Equity	VIG	Ν	\$51,467	7.34%
INVESCO QQQ TRUST	US Equity	QQQ	Ν	\$50,504	7.20%
FIDELITY MSCI INFOR TECHINDX ETF	Sector	FTEC	Ν	\$45,386	6.47%
VANGUARD FTSE ALL WORLD EX US ETF	International Equity	VEU	Ν	\$44,841	6.39%
SPDR S&P 500 ETF	US Equity	SPY	Ν	\$33,489	4.78%
SCHWAB US TIPS ETF	US FI	SCHP	Ν	\$30,815	4.39%
SCHWAB US DIVIDEND EQUITY ETF	US Equity	SCHD	Ν	\$24,885	3.55%
VANGUARD HIGH DIVIDEND YIELD ETF	US Equity	VYM	Ν	\$24,632	3.51%
ARK INNOVATION ETF	US Equity	ARKK	Ν	\$22,080	3.15%

*OS = OneSource, no transaction fee.





The above charts illustrate the percent of PCRA participant assets in each noted asset class as percentage of total PCRA assets. Percentages are calculated as of quarter-end. Money Market Funds are classified under Mutual Funds.

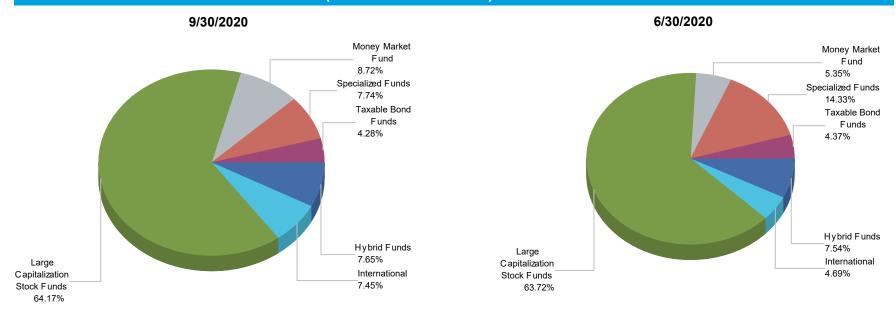


Net Flow - All Non-Cash Assets (3-Month Period Ending 9/30/2020)

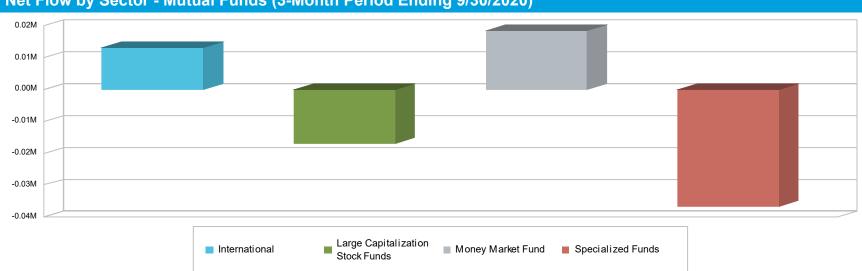
Net Flow is the net of all cash inflows and outflows in and out of financial assets; the performance of an asset or fund is not taken into account, only share redemptions, or outflows, and share purchases, or inflows.

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Market Value Allocation - Mutual Funds (Quarter over Quarter)



The above charts illustrate the percent of PCRA participant assets in each noted asset class as percentage of total PCRA assets. Percentages are calculated as of quarter-end. Money Market Funds are classified under Mutual Funds.

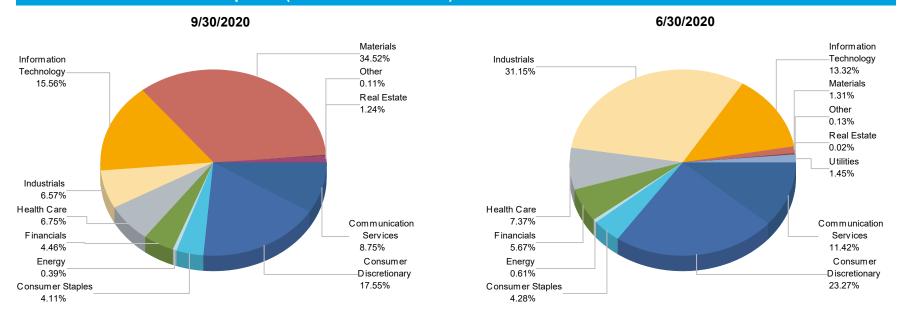


Net Flow by Sector - Mutual Funds (3-Month Period Ending 9/30/2020)

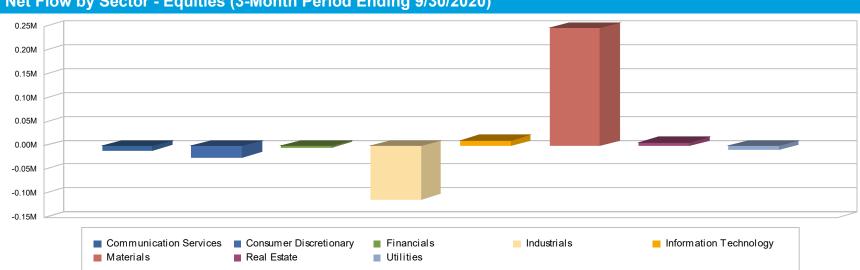
Net Flow is the net of all cash inflows and outflows in and out of financial assets; the performance of an asset or fund is not taken into account, only share redemptions, or outflows, and share purchases, or inflows.

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Market Value Allocation - Equities (Quarter over Quarter)



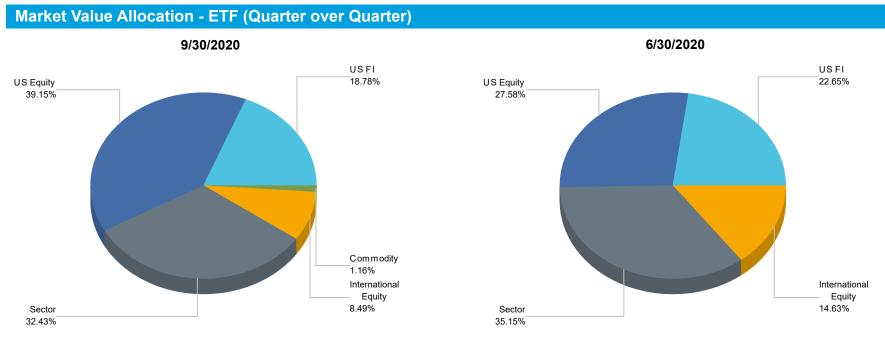
The above charts illustrate the percent of PCRA participant assets in each noted asset class as percentage of total PCRA assets. Percentages are calculated as of quarter-end. Money Market Funds are classified under Mutual Funds.



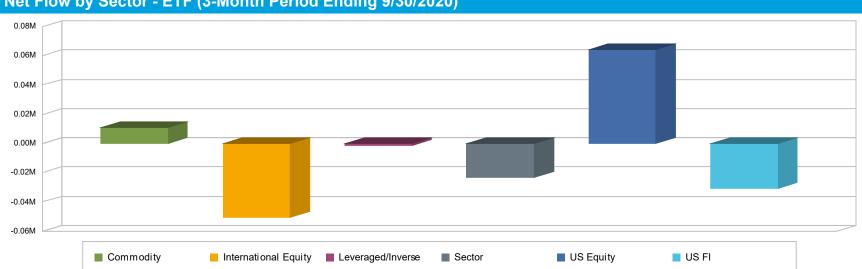
Net Flow by Sector - Equities (3-Month Period Ending 9/30/2020)

Net Flow is the net of all cash inflows and outflows in and out of financial assets; the performance of an asset or fund is not taken into account, only share redemptions, or outflows, and share purchases, or inflows.

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The above charts illustrate the percent of PCRA participant assets in each noted asset class as percentage of total PCRA assets. Percentages are calculated as of quarter-end. Money Market Funds are classified under Mutual Funds.

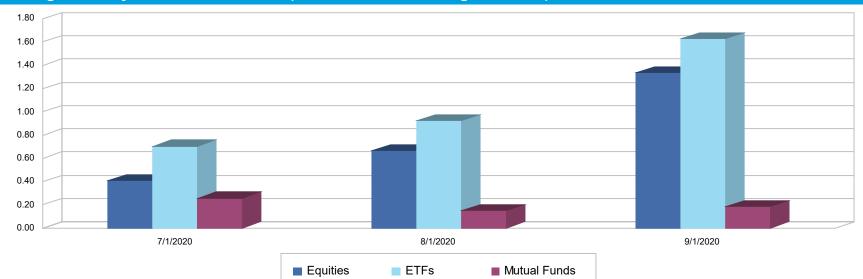


Net Flow by Sector - ETF (3-Month Period Ending 9/30/2020)

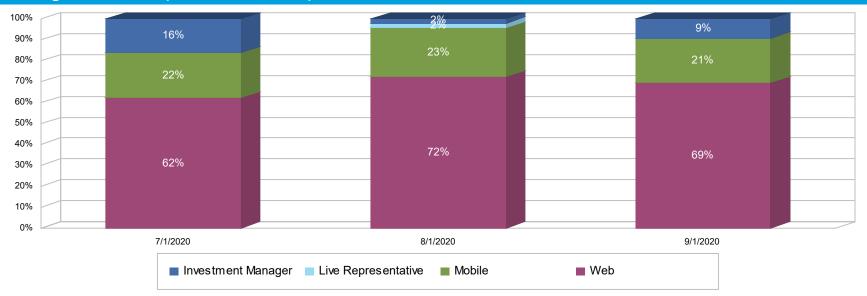
Net Flow is the net of all cash inflows and outflows in and out of financial assets; the performance of an asset or fund is not taken into account, only share redemptions, or outflows, and share purchases, or inflows.

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Average Monthly Trades Per Account (3-Month Period Ending 9/30/2020)



Trading Channel Mix (Month over Month)



Important Disclosures

Schwab Personal Choice Retirement Account (PCRA) is offered through Charles Schwab & Co., Inc. (Member SIPC), the registered broker/dealer, which also provides other brokerage and custody services to its customers.

For participants who utilize the Personal Choice Retirement Account (PCRA), the following fees and conditions may apply: Schwab's shortterm redemption fee of \$49.95 will be charged on redemption of funds purchased through Schwab's Mutual Fund OneSource® service (and certain other funds with no transaction fee) and held for 90 days or less. Schwab reserves the right to exempt certain funds from this fee, including Schwab Funds®, which may charge a separate redemption fee, and funds that accommodate short-term trading.

Trades in no-load mutual funds available through Mutual Funds OneSource service (including Schwab Funds) as well as certain other funds, are available without transaction fees when placed through schwab.com or our automated phone channels. Schwab reserves the right to change the funds we make available without transaction fees and to reinstate fees on any funds. Funds are also subject to management fees and expenses.

Charles Schwab & Co., Inc., member SIPC, receives remuneration from fund companies for record keeping, shareholder services and other administrative services for shares purchased through its Mutual Fund OneSource service. Schwab also may receive remuneration from transaction fee fund companies for certain administrative services.

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The information contained herein is obtained from third-party sources and believed to be reliable, but its accuracy or completeness is not guaranteed. This report is for informational purposes only and is not a solicitation, or a recommendation that any particular investor should purchase or sell any particular security.

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CITY OF SACRAMENTO MGMT 401A

Schwab Personal Choice Retirement Account (PCRA) Quarterly Report

As of 9/30/2020

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Plan Profile Information	
Plan Type	Money Purchase
Total PCRA Assets	\$319,324
Total Funded PCRA Accounts	7
Total Roth Assets	N/A
Total Funded Roth Accounts	N/A
Total Advisor Managed PCRA Assets	\$0
Total Advisor Managed Funded PCRA Accounts	0
PCRA Accounts Opened This Quarter	1
PCRA Assets In and Out This Quarter*	\$3,000
Average PCRA Account Balance	\$45,618

Assets and Accounts (Trailing 4 Quarters)



* Assets In and Out includes contributions and distributions.

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PCRA Participant Profile Information	
Average Participant Age	56
Percent Male Participants	86%
Percent Female Participants	14%
Total Assets by Category	
Cash Investments	\$116,397
Equities	\$47,531
ETFs	\$43,182
Fixed Income	\$0
Mutual Funds	\$112,214
Other	\$0

Average Positions Per Account	
Cash Investments	1.0
Equities	0.9
ETFs	0.6
Fixed Income	0.0
Mutual Funds	0.4
Other	0.0
Total	2.9

Average Trades Per Account	
Equities	1.1
ETFs	8.4
Fixed Income	0.0
Mutual Funds	0.9
Other	0.0
Total	10.4

Top 10 Mutual Fund Holdings**					
Name	Category	Symbol	OS*	\$MF Assets	%MF Assets
TIAA-CREF EQUITY INDEX RETAIL	Large Capitalization Stock Funds	TINRX	Y	\$44,565	89.50%
VANGUARD ENERGY INV	Specialized Funds	VGENX	Ν	\$5,227	10.50%

Top 10 Fund Families		
Name	\$MF Assets	%MF Assets
TIAA-CREF	\$44,565	89.50%
VANGUARD	\$5,227	10.50%

**Top 10 Mutual Funds does not include Money Market Funds.

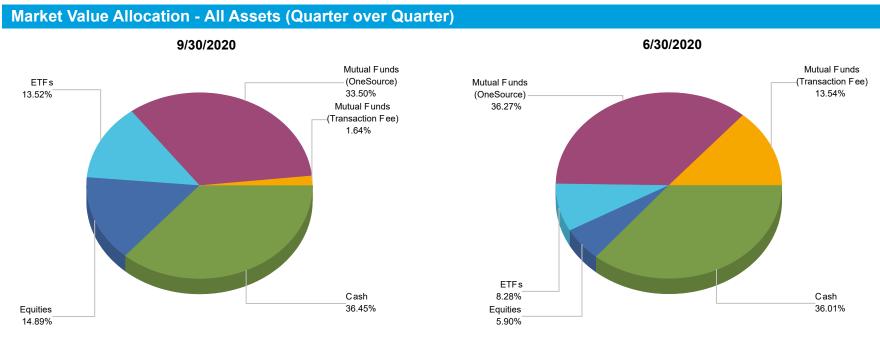
*OS = OneSource, no-load, no transaction fee.

Top 10 Equity Holdings

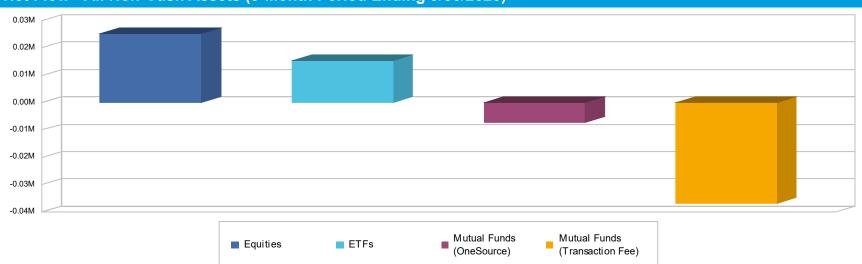
Name APPLE INC	Category Information Technology	Symbol AAPL	\$EQ Assets \$23,668	%EQ Assets 49.79%
NEW RESIDENTIAL INVE REIT	Financials	NRZ	\$14,477	30.46%
COSTCO WHOLESALE CO	Consumer Staples	COST	\$4,970	10.46%
MAIN STREET CAPITAL	Financials	MAIN	\$2,040	4.29%
COHEN AND STEERS INFRAST	Other	UTF	\$1,601	3.37%
GAMING & LEISURE PPT REIT	Real Estate	GLPI	\$776	1.63%

Top 10 ETF Holdings					
Name	Category	Symbol	OS*	\$ETF Assets	%ETF Assets
ARK INNOVATION ETF	US Equity	ARKK	Ν	\$40,388	93.53%
SPDR FUND MATERIALS SELECT SE ETF IV	Sector	XLB	Ν	\$1,023	2.37%
ISHARES NASDAQ BIOTECHNOLOGY ETF	Sector	IBB	Ν	\$948	2.20%
ISHARES SILVER TRUST ETF	Commodity	SLV	Ν	\$822	1.90%

*OS = OneSource, no transaction fee.



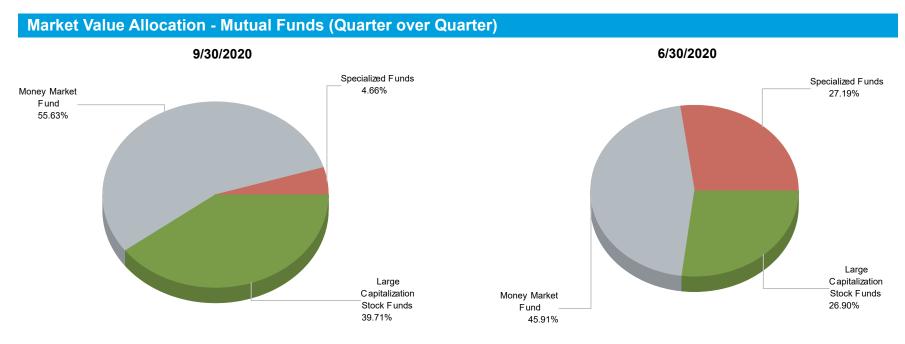
The above charts illustrate the percent of PCRA participant assets in each noted asset class as percentage of total PCRA assets. Percentages are calculated as of quarter-end. Money Market Funds are classified under Mutual Funds.



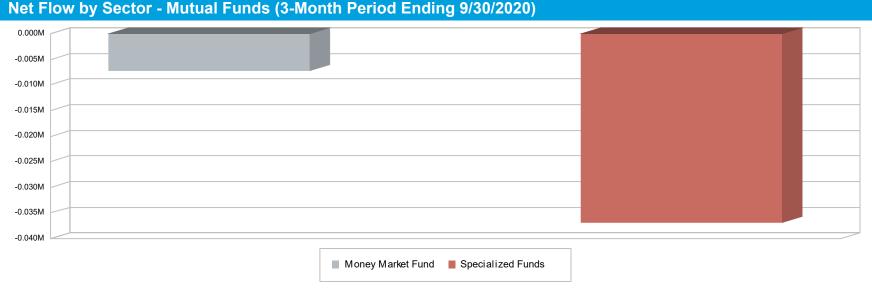
Net Flow - All Non-Cash Assets (3-Month Period Ending 9/30/2020)

Net Flow is the net of all cash inflows and outflows in and out of financial assets; the performance of an asset or fund is not taken into account, only share redemptions, or outflows, and share purchases, or inflows.

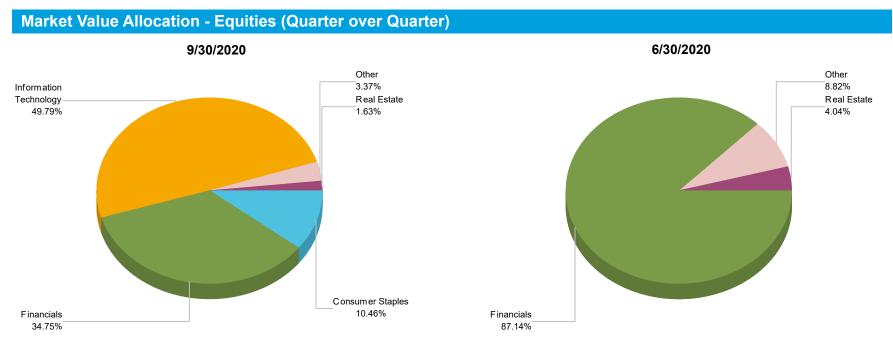
©2017 Charles Schwab & Co., Inc. ("Schwab"). Member SIPC. All rights reserved. Compliance number: 0517-ZGX6



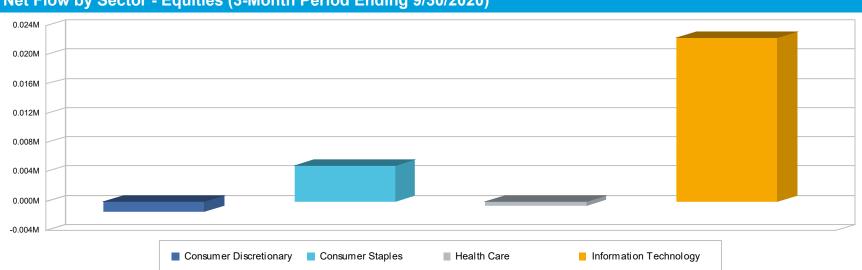
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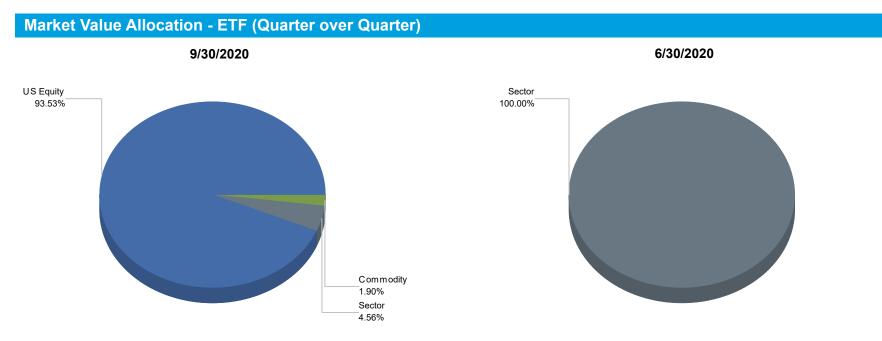


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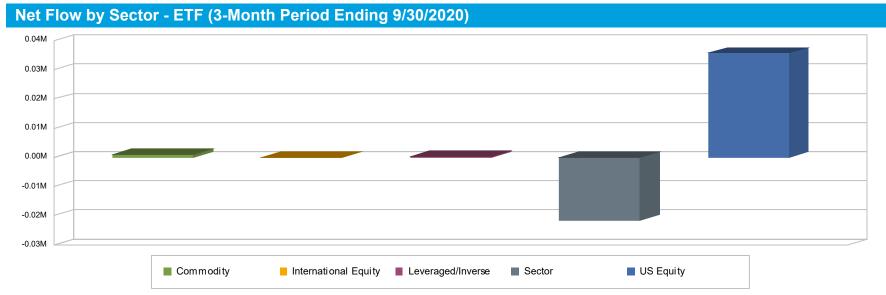


Net Flow by Sector - Equities (3-Month Period Ending 9/30/2020)

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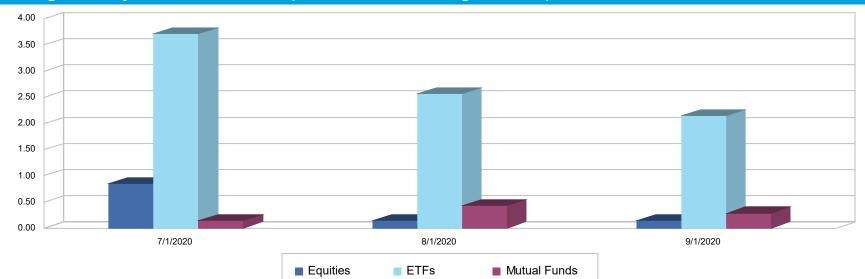


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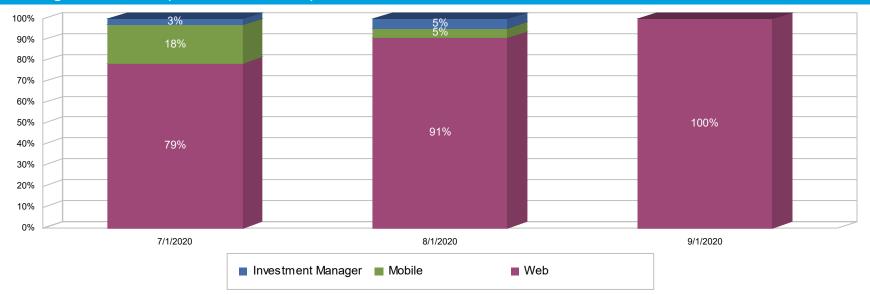


Net Flow is the net of all cash inflows and outflows in and out of financial assets; the performance of an asset or fund is not taken into account, only share redemptions, or outflows, and share purchases, or inflows.

Average Monthly Trades Per Account (3-Month Period Ending 9/30/2020)



Trading Channel Mix (Month over Month)



Important Disclosures

Schwab Personal Choice Retirement Account (PCRA) is offered through Charles Schwab & Co., Inc. (Member SIPC), the registered broker/dealer, which also provides other brokerage and custody services to its customers.

For participants who utilize the Personal Choice Retirement Account (PCRA), the following fees and conditions may apply: Schwab's shortterm redemption fee of \$49.95 will be charged on redemption of funds purchased through Schwab's Mutual Fund OneSource® service (and certain other funds with no transaction fee) and held for 90 days or less. Schwab reserves the right to exempt certain funds from this fee, including Schwab Funds®, which may charge a separate redemption fee, and funds that accommodate short-term trading.

Trades in no-load mutual funds available through Mutual Funds OneSource service (including Schwab Funds) as well as certain other funds, are available without transaction fees when placed through schwab.com or our automated phone channels. Schwab reserves the right to change the funds we make available without transaction fees and to reinstate fees on any funds. Funds are also subject to management fees and expenses.

Charles Schwab & Co., Inc., member SIPC, receives remuneration from fund companies for record keeping, shareholder services and other administrative services for shares purchased through its Mutual Fund OneSource service. Schwab also may receive remuneration from transaction fee fund companies for certain administrative services.

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Your Dedicated Team

Your Dedicated Team

Plan Sponsor Experience

Participant Experience

John Steggell, Managing Director steggj2@nationwide.com 310-245-7436



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Jake Sours, Program Director soursJ1@nationwide.com 916-708-1320



Kim Lovell, Relationship Consultant lovellk1@nationwide.com 614-435-2294







City of Sacramento



PLAN HEALTH REPORT

CITY OF SACRAMENTO 457

as of 09/30/2020



We value your partnership and the opportunity to offer a competitive, effective retirement plan to your participants. Through diligent work and thought leadership, we'll help you grow your plan and help your participants prepare for and live in retirement. This report includes balance information, participant demographics, contribution highlights and retirement readiness numbers. Together, we can use this information to help your participants achieve greater financial wellness.

Our goal is to help you objectively evaluate your Plan's performance and how it performs against other plans like yours. Since Nationwide Retirement Solutions is one of the largest retirement plan providers in the industry, we are uniquely positioned to compare your Plan to many others of similar asset size. By comparing the current year information to previous years, you can see how your Plan is performing, where your educational efforts are working and what areas offer opportunities for improvement. The "Peer Group" comparisons used in this report are based on cases with assets of: \$100 million - \$1 billion.

Thank you for your valued business. We look forward to helping improve retirement readiness for your participants.

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Nationwide Retirement Solutions, Inc. and Nationwide Life Insurance Company (collectively "Nationwide") have endorsement relationships with the National Association of Counties, the International Association of Fire Fighters-Financial Corporation and the National Association of Police Organizations. More information about the endorsement relationships may be found online at www.nrsforu.com.

NRM-17453AO



EXECUTIVE SUMMARY

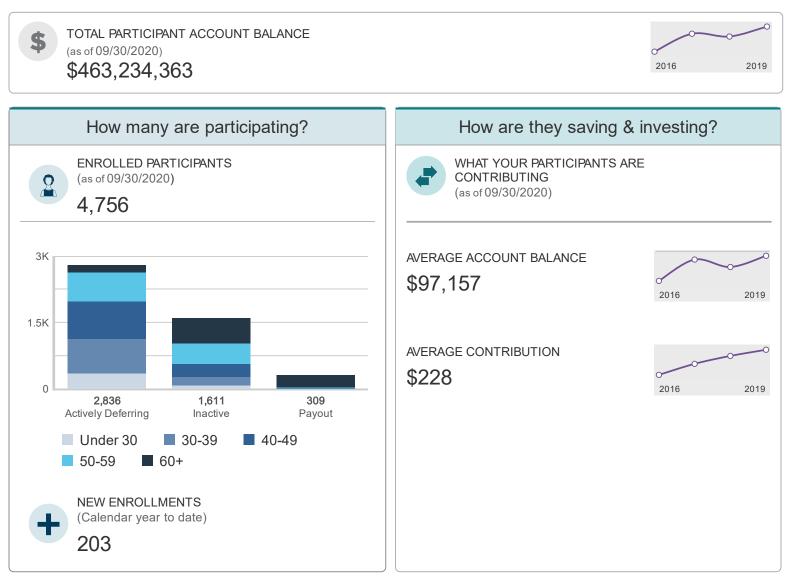


Quick plan facts (as of 09/30/2020)

Metric	Current value	%Change from last quarter	%Change from last year
Participant Core Assets	\$454,953,964	6.00%	11.00%
Total Participant Count	4,756	-0.04%	2.85%
Total New Enrollments YTD Count	203	20.83%	-25.91%
Total Deferrals YTD	\$17,253,837	59.00%	16.00%
Total Rollovers-In YTD	\$1,748,616	56.00%	-3.00%
ProAccount Participant Count	1,598	2.04%	3.63%
ProAccount Assets	\$130,298,456	8.00%	18.00%

EXECUTIVE SUMMARY

457 Plan Summary



How many participants are prepared for retirement





PARTICIPANT DEMOGRAPHICS

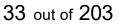
How participants are engaged in the plan



ENROLLED PARTICIPANTS¹ (as of 09/30/2020)

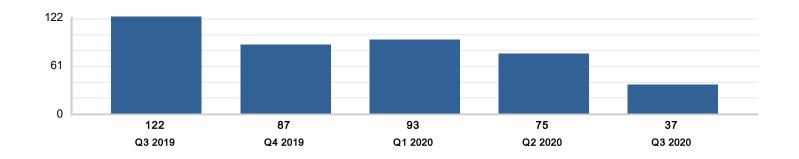


NEW ENROLLMENTS ² (Calendar year to date) ONLINE ENROLLMENTS ³ (Calendar year to date)

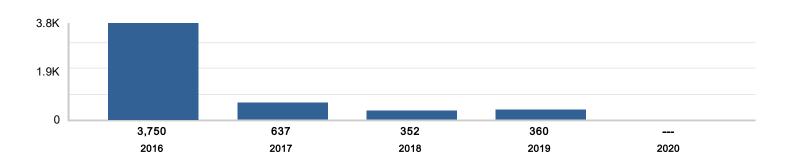


ENROLLMENT TRENDS (BY QUARTER)⁴

4,756



ENROLLMENT TRENDS (BY YEAR)⁴



¹ Total number of enrolled participants in this plan.

² Participants who open and close their account within the calendar year, will not be counted in year-to-date enrollment numbers.

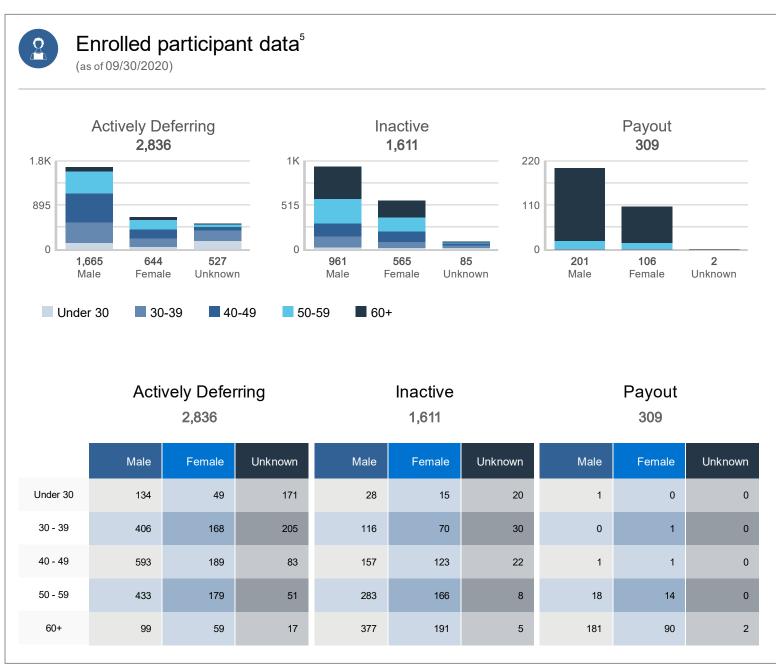
³ The number of online enrollments out of new enrollments.

⁴ Total number of participants enrolled by quarter or by year.



PARTICIPANT DEMOGRAPHICS

How participants are engaged in the plan



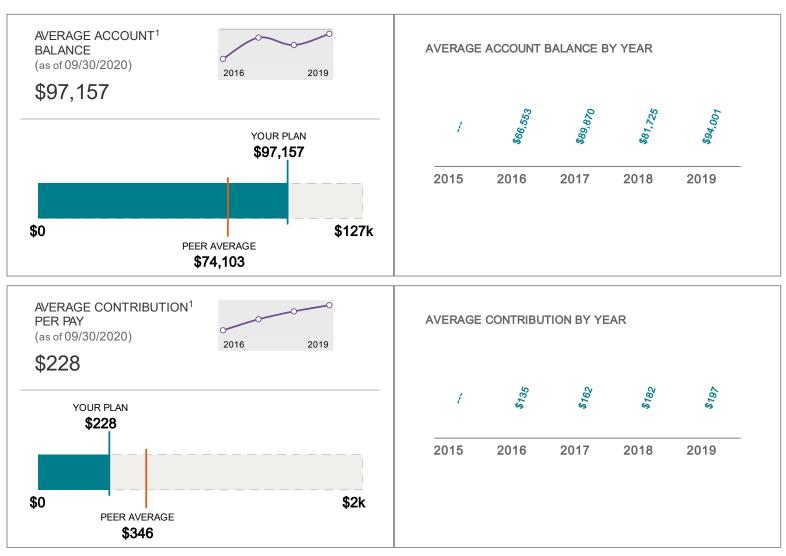
⁵ Actively deferring - Participants with a balance, a contribution in the past 30 days and a status of employed. Inactive - Participants with a balance, no contribution in the past 30 days and no status of payout.

Payout - Participants with a balance and a status of payout.



CONTRIBUTIONS & INVESTMENTS

What your participants are contributing



Balances & contributions by age & gender

(as of 09/30/2020)

	Avera	ge account ba	lance Average annual		e annualized co	alized contributions	
	Male	Female	Unknown	Male	Female	Unknown	
Under 30	\$13,121	\$10,070	\$8,042	\$7,235	\$4,850	\$4,817	
30 - 39	\$30,925	\$29,114	\$9,704	\$6,542	\$4,251	\$4,009	
40 - 49	\$116,437	\$70,022	\$23,981	\$7,850	\$4,613	\$5,722	
50 - 59	\$167,526	\$132,550	\$34,848	\$7,970	\$5,616	\$5,451	
60+	\$156,278	\$127,129	\$83,109	\$3,981	\$3,775	\$11,340	

¹A peer group consists of NRS plans with similar assets. This peer group comparison includes cases with \$100 million - \$1 billion.

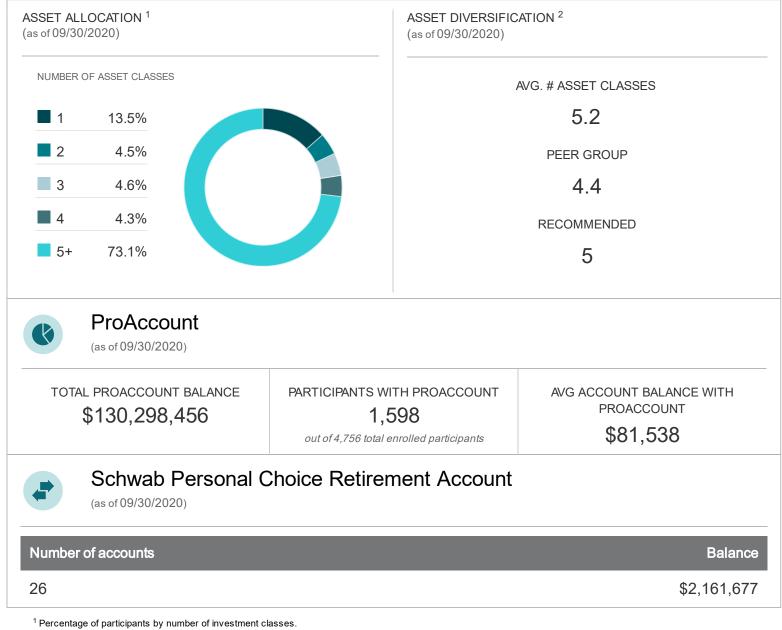


CONTRIBUTION & INVESTMENTS

What your participants are contributing

5% PARTICIPANTS WITH INCREASED C (Calendar year to date)	ITRIBUTIONS 1%	PARTICIPANTS WITH AUTOMATIC CONTRIBUTION INCREASE (Calendar year to date)
2020 IRS limits Regular Limit \$19,500	50+ Catch Up \$6,500	3-Year Catch Up \$19,500

How your participants are invested



² Average number of asset classes - Average number of asset classes in which participants are invested.

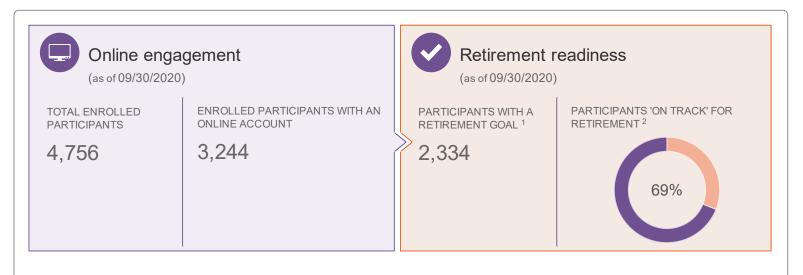
Peer group - Average number of asset classes in which this peer group (cases with \$100 million - \$1 billion) is invested.

Recommended number of asset classes - The number of asset classes in which a participant should be invested for ideal diversification.

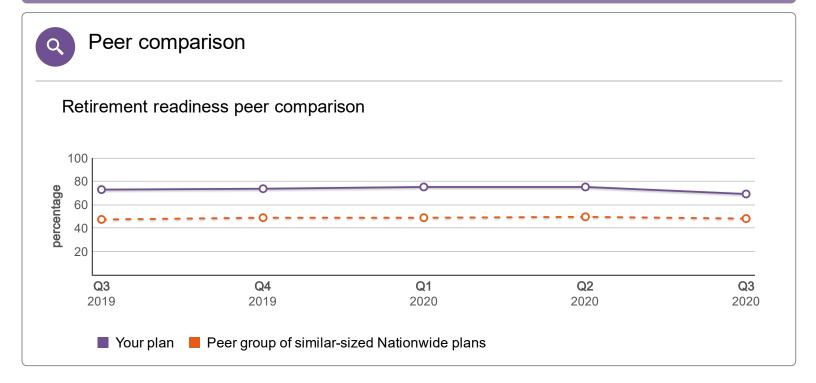


RETIREMENT READINESS

How many participants are prepared for retirement



Participants who actively review their online account and use their retirement outlook tools are 4 times more likely to take action and save more for retirement.



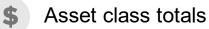
NRM-17390AO

¹ Participants with a retirement goal from My Interactive Retirement Planner®.

² Participants with a retirement goal from My Interactive Retirement Planner® and a retirement readiness score of "on track" (.915 or higher).



ASSET & FUND DETAILS



Asset class	2018	2019	2020 YTD	% of total
Mid cap	\$28,818,485.70	\$38,436,374.42	\$41,354,535.65	8.9%
Large cap	\$104,035,438.27	\$128,544,590.87	\$140,869,680.91	30.4%
Bonds	\$28,195,103.70	\$35,428,288.58	\$37,386,656.12	8.1%
SDO	\$1,168,291.51	\$1,698,826.66	\$2,161,676.53	0.5%
Specialty	\$5,717,428.38	\$10,088,923.60	\$9,914,157.54	2.1%
Loan	\$3,997,670.04	\$5,430,468.01	\$6,118,721.99	1.3%
Asset allocation	\$50,818,354.62	\$57,937,035.30	\$56,744,667.91	12.2%
International	\$33,302,749.99	\$44,464,367.86	\$44,067,655.54	9.5%
Small cap	\$19,740,486.06	\$24,351,248.85	\$22,891,109.41	4.9%
Fixed assets and cash	\$87,404,133.05	\$92,898,049.95	\$101,725,501.32	22.0%
Total	\$363,198,141.32	\$439,278,174.10	\$463,234,362.92	100%



\$

Total contributions by asset class

Asset class	2018	2019	2020 YTD	% of total
Mid cap	\$1,875,698.46	\$2,090,294.67	\$1,714,064.71	9.1%
Large cap	\$5,164,362.78	\$6,038,627.12	\$4,810,414.96	25.4%
Bonds	\$1,315,464.48	\$1,510,744.32	\$1,179,381.61	6.2%
Specialty	\$363,826.25	\$526,735.17	\$487,808.58	2.6%
Asset allocation	\$5,267,031.08	\$5,350,438.64	\$4,582,404.91	24.2%
International	\$2,931,686.92	\$3,318,994.43	\$2,652,054.75	14.0%
Small cap	\$1,206,691.13	\$1,475,329.69	\$1,114,251.72	5.9%
Fixed assets and cash	\$3,025,896.18	\$2,787,867.13	\$2,375,306.66	12.6%
Total	\$21,150,657.28	\$23,099,031.17	\$18,915,687.90	100%



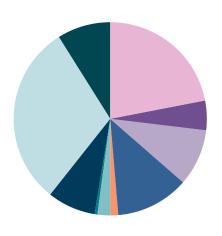
ASSET & FUND DETAILS

2020



Asset allocation

(as of 09/30/2020)



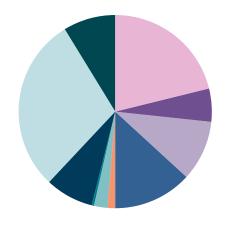
ASSET CLASS	YOUR PLAN	PEER GROUP	DIFFERENCE
Mid cap	8.9%	4.8%	4.2% ●
Large cap	30.4%	19.8%	10.6% ●
Balanced	0.0%	1.6%	0.0%
Bonds	8.1%	4.3%	3.7% ●
Short term	0.0%	2.2%	0.0%
SDO	0.5%	0.1%	0.4% ●
Specialty	2.1%	0.5%	1.6% ●
Loan	1.3%	0.0%	1.3% ●
Asset allocation	12.2%	13.4%	-1.1% 🔴
International	9.5%	5.3%	4.3% ●
Small cap	4.9%	2.9%	2.0% ●
Fixed assets and cash	22.0%	45.1%	-23.1% 🔴

2019



Asset allocation

(as of 12/31/2019)



ASSET CLASS	YOUR PLAN	PEER GROUP	DIFFERENCE
Mid cap	8.7%	5.0%	3.7% ●
Large cap	29.3%	18.9%	10.3% ●
Balanced	0.0%	1.6%	0.0%
Bonds	8.1%	4.1%	4.0% ●
Short term	0.0%	2.1%	0.0%
SDO	0.4%	0.1%	0.3% ●
Specialty	2.3%	0.6%	1.7% 🔵
Loan	1.2%	0.0%	1.2% 🔵
Asset allocation	13.2%	15.0%	-1.8% 🔴
International	10.1%	5.5%	4.6% ●
Small cap	5.5%	3.2%	2.3% ●
Fixed assets and cash	21.1%	43.8%	-22.6% 🔴



BALANCE DETAILS



Total account balance

(as of 09/30/2020)

Money source	Current value
Participant assets	\$463,234,362.92
Salary Reduction	\$433,161,011.47
Rollover (Pre-Tax)	\$14,605,341.30
Rollover 457	\$7,187,611.63
Loan balance	\$6,118,721.99
SDO balance	\$2,161,676.53
Total plan assets	\$463,234,362.92



BALANCE DETAILS



Loan Details

(as of 09/30/2020)

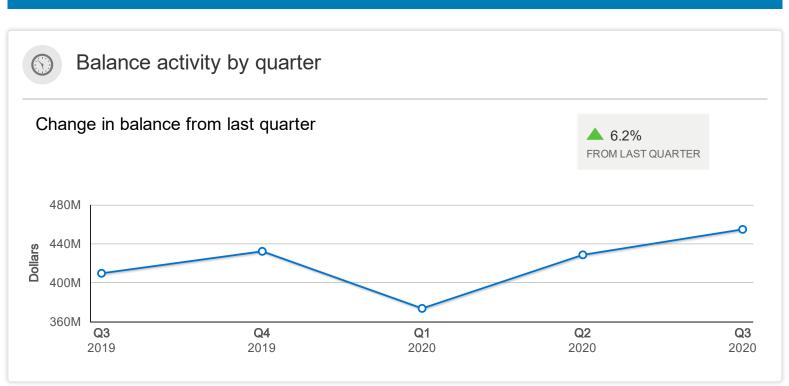
Loan type	Number of loans	Principal value
General purpose loan	505	\$5,331,230.15
Primary residence loan	46	\$787,491.84
Total	551	\$6,118,721.99



Contributions and transfers/rollovers-in

(as of 09/30/2020)

Туре	Year to date
Contributions	\$17,253,837.30
Transfers/Rollovers-In	\$1,661,850.60
Total	\$18,915,687.90

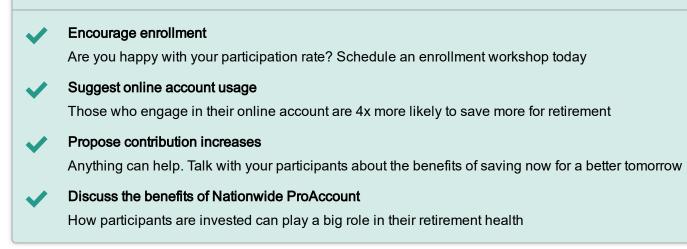






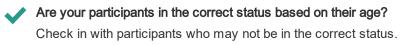
OPPORTUNITIES

Top opportunities to improve plan health

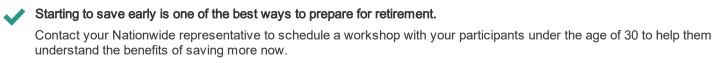


Additional opportunities

How participants are engaged in the plan



What your participants are contributing



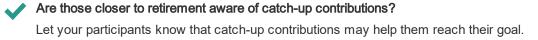
Are your female participants actively contributing? Host a workshop for women eligible and enrolled in your plan. Nationwide's Women & Investing tools can help.



Incremental increases can go a long way.

Let your participants know how having an automatic annual contribution increase can help them reach their retirement goal.

Work with your Nationwide Retirement Specialist to help manage your loans.



How your participants are invested



Are participants diversified enough?

Call your Nationwide retirement specialist and discuss your participants' asset diversification.

How many participants are prepared for retirement



How many participants are getting close to retirement?

Talk with your participants about which payout strategies may benefit them the most.





PLAN HEALTH REPORT

CITY OF SAC WCOE, L39 SUPV, AND CONF EMPLOYEES

as of 09/30/2020



We value your partnership and the opportunity to offer a competitive, effective retirement plan to your participants. Through diligent work and thought leadership, we'll help you grow your plan and help your participants prepare for and live in retirement. This report includes balance information, participant demographics, contribution highlights and retirement readiness numbers. Together, we can use this information to help your participants achieve greater financial wellness.

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EXECUTIVE SUMMARY

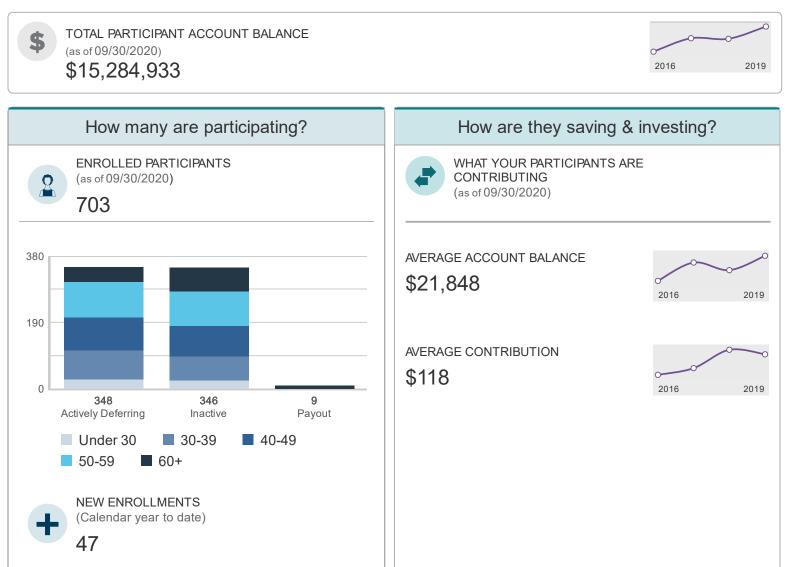


Quick plan facts (as of 09/30/2020)

Metric	Current value	%Change from last quarter	%Change from last year
Participant Core Assets	\$15,074,611	7.00%	18.00%
Total Participant Count	703	1.01%	7.99%
Total New Enrollments YTD Count	47	27.03%	-20.34%
Total Deferrals YTD	\$874,543	51.00%	8.00%
Total Rollovers-In YTD	\$24,224		-85.00%
ProAccount Participant Count	245	1.24%	-1.21%
ProAccount Assets	\$5,411,916	7.00%	22.00%

EXECUTIVE SUMMARY

401(a) Plan Summary



How many participants are prepared for retirement Online engagement Retirement readiness (as of 09/30/2020) (as of 09/30/2020) ENROLLED PARTICIPANTS WITH AN PARTICIPANTS 'ON TRACK' FOR TOTAL ENROLLED PARTICIPANTS WITH A ONLINE ACCOUNT RETIREMENT PARTICIPANTS RETIREMENT GOAL 469 703 363 67%



PARTICIPANT DEMOGRAPHICS

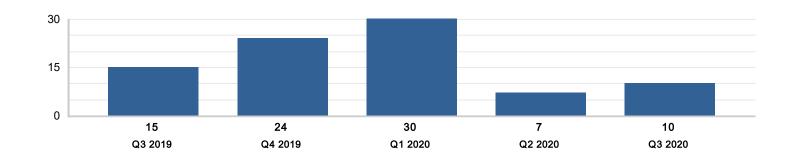
How participants are engaged in the plan



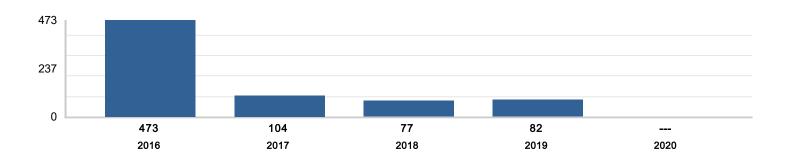
ENROLLED PARTICIPANTS¹ (as of 09/30/2020) 703



ENROLLMENT TRENDS (BY QUARTER)³



ENROLLMENT TRENDS (BY YEAR)³



¹ Total number of enrolled participants in this plan.

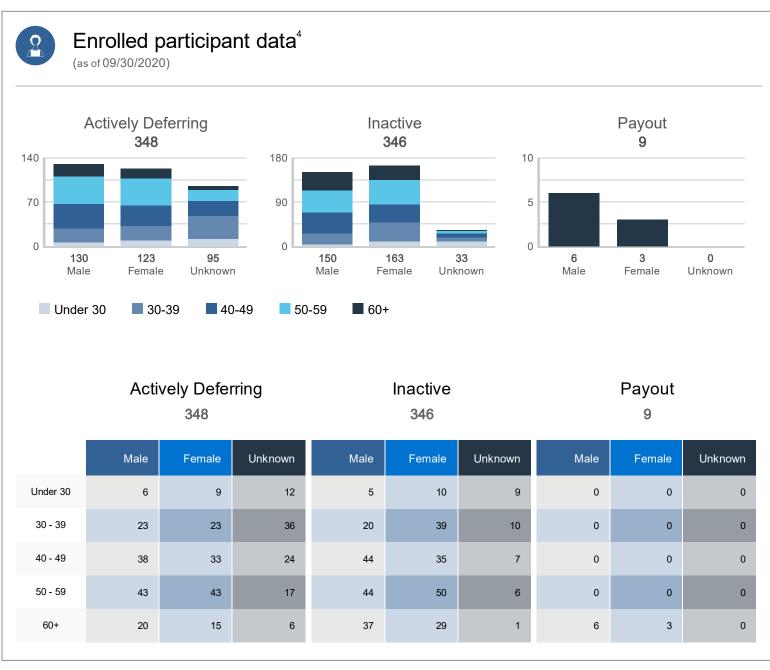
² Participants who open and close their account within the calendar year, will not be counted in year-to-date enrollment numbers.

 3 Total number of participants enrolled by quarter or by year.



PARTICIPANT DEMOGRAPHICS

How participants are engaged in the plan

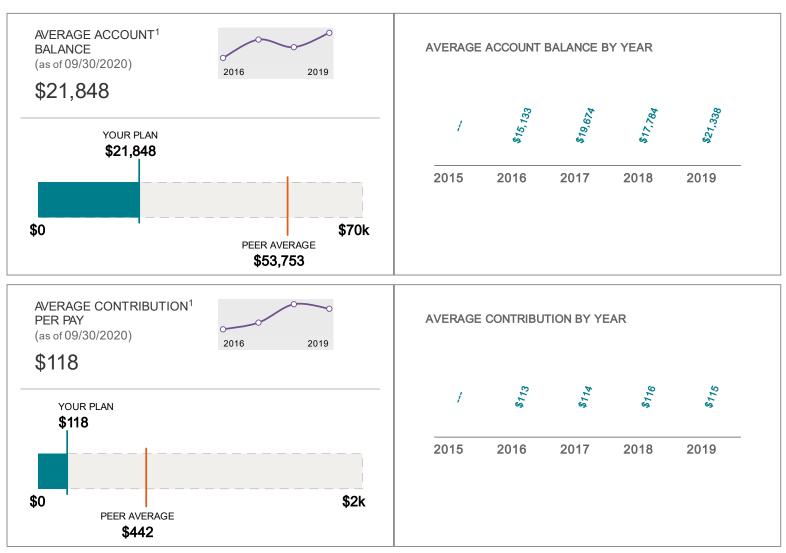


⁵ Actively deferring - Participants with a balance, a contribution in the past 30 days and a status of employed. Inactive - Participants with a balance, no contribution in the past 30 days and no status of payout. Payout - Participants with a balance and a status of payout.



CONTRIBUTIONS & INVESTMENTS

What your participants are contributing



Balances & contributions by age & gender

(as of 09/30/2020)

	Average account balance		Average annualized contributions			
	Male	Female	Unknown	Male	Female	Unknown
Under 30	\$4,248	\$4,965	\$3,121	\$2,038	\$2,656	\$724
30 - 39	\$10,268	\$10,058	\$10,957	\$3,569	\$2,534	\$0
40 - 49	\$28,549	\$18,831	\$13,119	\$3,517	\$2,822	\$3,872
50 - 59	\$37,066	\$29,229	\$5,481	\$3,427	\$3,030	\$0
60+	\$36,561	\$24,254	\$6,139	\$3,350	\$2,278	\$5,715

¹A peer group consists of NRS plans with similar assets. This peer group comparison includes cases with \$5 million - \$20 million.



CONTRIBUTION & INVESTMENTS

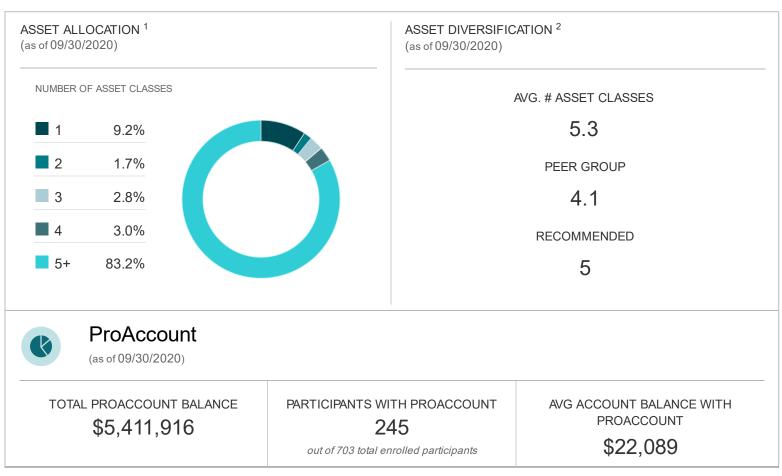
What your participants are contributing



PARTICIPANTS WITH INCREASED CONTRIBUTIONS (Calendar year to date) 0% PARTICIPANTS WITH AUTOMATIC CONTRIBUTION INCREASE (Calendar year to date)

2020 IRS limits Regular Limit \$19,500

How your participants are invested



¹ Percentage of participants by number of investment classes.

² Average number of asset classes - Average number of asset classes in which participants are invested.

Peer group - Average number of asset classes in which this peer group (cases with \$5 million - \$20 million) is invested.

Recommended number of asset classes - The number of asset classes in which a participant should be invested for ideal diversification.

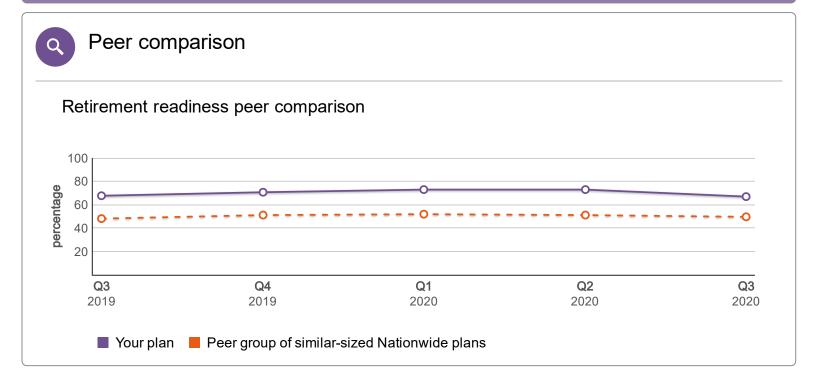


RETIREMENT READINESS

How many participants are prepared for retirement



Participants who actively review their online account and use their retirement outlook tools are 4 times more likely to take action and save more for retirement.

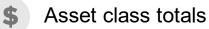


NRM-17390AO

¹ Participants with a retirement goal from My Interactive Retirement Planner®.

² Participants with a retirement goal from My Interactive Retirement Planner® and a retirement readiness score of "on track" (.915 or higher).

ASSET & FUND DETAILS



Asset class	2018	2019	2020 YTD	% of total
Mid cap	\$683,857.96	\$943,318.45	\$1,091,238.70	7.1%
Large cap	\$2,875,648.04	\$3,673,303.07	\$4,003,313.18	26.2%
Bonds	\$804,100.94	\$1,042,015.15	\$1,146,493.55	7.5%
Specialty	\$161,799.65	\$297,849.99	\$296,547.30	1.9%
Loan	\$140,644.92	\$206,731.91	\$210,321.86	1.4%
Asset allocation	\$2,049,428.81	\$3,086,275.22	\$3,395,088.29	22.2%
International	\$1,269,837.11	\$1,736,267.24	\$1,794,691.22	11.7%
Small cap	\$727,485.50	\$944,953.72	\$805,894.55	5.3%
Fixed assets and cash	\$1,947,948.11	\$2,245,333.52	\$2,541,343.91	16.6%
Total	\$10,660,751.04	\$14,176,048.27	\$15,284,932.56	100%

\$

Total contributions by asset class

Asset class	2018	2019	2020 YTD	% of total
Mid cap	\$69,100.15	\$64,346.24	\$44,499.31	5.0%
Large cap	\$192,220.52	\$181,270.28	\$200,229.71	22.3%
Bonds	\$79,193.90	\$77,799.99	\$59,390.47	6.6%
Specialty	\$14,498.88	\$19,741.70	\$14,814.10	1.6%
Asset allocation	\$411,167.02	\$887,720.87	\$371,194.04	41.3%
International	\$146,287.77	\$130,915.99	\$86,354.47	9.6%
Small cap	\$56,073.28	\$62,070.11	\$48,019.86	5.3%
Fixed assets and cash	\$106,675.61	\$112,673.26	\$74,264.89	8.3%
Total	\$1,075,217.13	\$1,536,538.44	\$898,766.85	100%



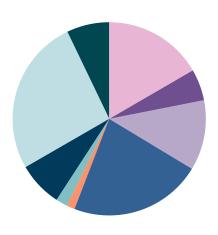
ASSET & FUND DETAILS

2020



Asset allocation

(as of 09/30/2020)



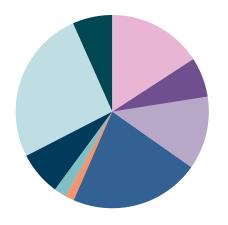
ASSET CLASS	YOUR PLAN	PEER GROUP	DIFFERENCE
Mid cap	7.1%	4.3%	2.9% ●
Large cap	26.2%	21.3%	4.9% 🔵
Balanced	0.0%	1.2%	0.0%
Bonds	7.5%	4.7%	2.8% ●
Short term	0.0%	2.4%	0.0%
SDO	0.0%	0.5%	0.0%
Specialty	1.9%	1.4%	0.5% 🔵
Eoan	1.4%	0.0%	1.3% 🔵
Asset allocation	22.2%	29.3%	-7.1% 🔴
International	11.7%	6.0%	5.8% 🔵
Small cap	5.3%	3.5%	1.8% ●
Fixed assets and cash	16.6%	25.4%	-8.8% ●

2019



Asset allocation

(as of 12/31/2019)



ASSET CLASS	YOUR PLAN	PEER GROUP	DIFFERENCE
Mid cap	6.7%	5.1%	1.5% ●
Large cap	25.9%	23.5%	2.4% ●
Balanced	0.0%	1.2%	0.0%
Bonds	7.4%	5.7%	1.7% 🔵
Short term	0.0%	2.5%	0.0%
SDO	0.0%	0.4%	0.0%
Specialty	2.1%	1.6%	0.5% 🔵
Loan	1.5%	0.1%	1.4% ●
Asset allocation	21.8%	25.7%	-3.9% 🔴
International	12.2%	6.9%	5.3% ●
Small cap	6.7%	4.1%	2.6% ●
Fixed assets and cash	15.8%	23.3%	-7.5% 🔴





Total account balance

(as of 09/30/2020)

Money source	Current value
Participant assets	\$15,284,932.56
Rollover (Pre-Tax)	\$1,910,564.49
Employer Money Purchase	\$6,706,188.03
Mandatory Employee Pre-Tax	\$6,455,574.32
After-Tax Contribution	\$2,283.86
Loan balance	\$210,321.86
Total plan assets	\$15,284,932.56





Loan Details

(as of 09/30/2020)

Loan type	Number of loans	Principal value
General purpose loan	55	\$198,063.81
Primary residence loan	2	\$12,258.05
Total	57	\$210,321.86

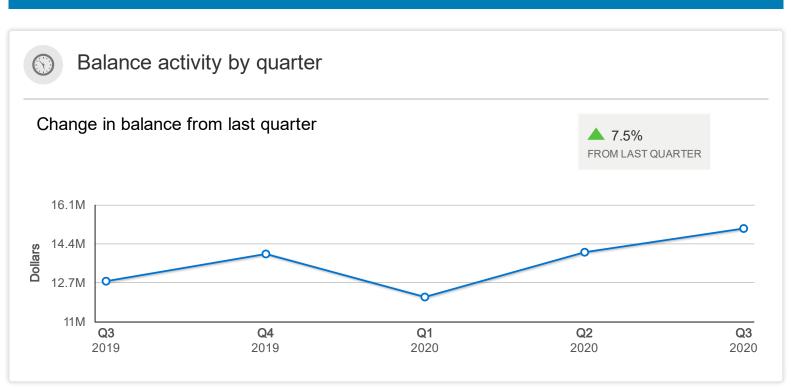


Contributions and transfers/rollovers-in

(as of 09/30/2020)

Туре	Year to date
Contributions	\$874,542.91
Transfers/Rollovers-In	\$24,223.94
Total	\$898,766.85



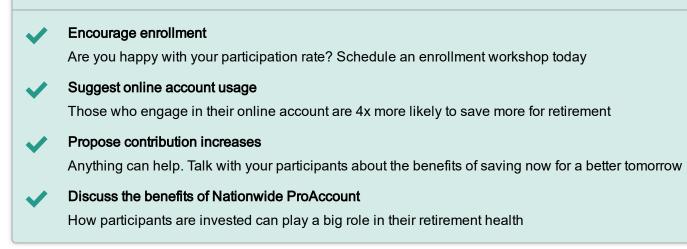






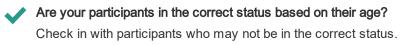
OPPORTUNITIES

Top opportunities to improve plan health

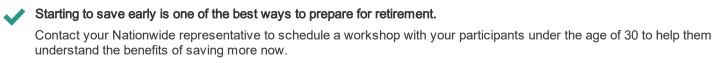


Additional opportunities

How participants are engaged in the plan



What your participants are contributing



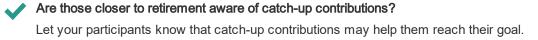
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How your participants are invested



Are participants diversified enough?

Call your Nationwide retirement specialist and discuss your participants' asset diversification.

How many participants are prepared for retirement



How many participants are getting close to retirement?

Talk with your participants about which payout strategies may benefit them the most.





PLAN HEALTH REPORT

CITY OF SACRAMENTO MANAGEMENT 401(a)

as of 09/30/2020



We value your partnership and the opportunity to offer a competitive, effective retirement plan to your participants. Through diligent work and thought leadership, we'll help you grow your plan and help your participants prepare for and live in retirement. This report includes balance information, participant demographics, contribution highlights and retirement readiness numbers. Together, we can use this information to help your participants achieve greater financial wellness.

Our goal is to help you objectively evaluate your Plan's performance and how it performs against other plans like yours. Since Nationwide Retirement Solutions is one of the largest retirement plan providers in the industry, we are uniquely positioned to compare your Plan to many others of similar asset size. By comparing the current year information to previous years, you can see how your Plan is performing, where your educational efforts are working and what areas offer opportunities for improvement. The "Peer Group" comparisons used in this report are based on cases with assets of: \$100 million - \$1 billion.

Thank you for your valued business. We look forward to helping improve retirement readiness for your participants.

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Contributions & investments | 7

Retirement readiness | 9

Assets & fund details | 10

Balance details | 13

Opportunities | 17

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NRM-17453AO



EXECUTIVE SUMMARY

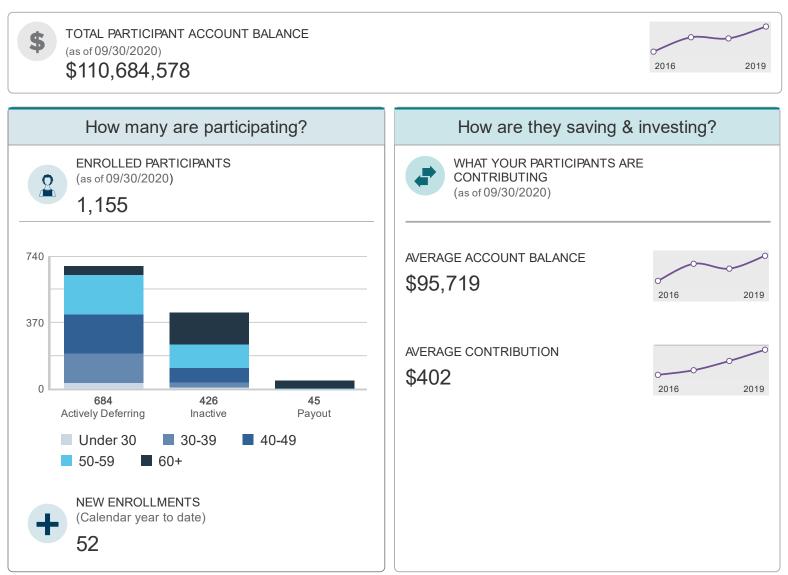


Quick plan facts (as of 09/30/2020)

Metric	Current value	%Change from last quarter	%Change from last year
Participant Core Assets	\$108,854,150	7.00%	14.00%
Total Participant Count	1,155	0.52%	3.59%
Total New Enrollments YTD Count	52	30.00%	-33.33%
Total Deferrals YTD	\$5,255,968	58.00%	-4.00%
Total Rollovers-In YTD	\$422,982	44.00%	-34.00%
ProAccount Participant Count	352	2.62%	-0.56%
ProAccount Assets	\$31,141,579	11.00%	24.00%

EXECUTIVE SUMMARY

401(a) Plan Summary



How many participants are prepared for retirement Online engagement Retirement readiness (as of 09/30/2020) (as of 09/30/2020) ENROLLED PARTICIPANTS WITH AN PARTICIPANTS 'ON TRACK' FOR TOTAL ENROLLED PARTICIPANTS WITH A ONLINE ACCOUNT RETIREMENT PARTICIPANTS **RETIREMENT GOAL** 1,155 880 618 70%



PARTICIPANT DEMOGRAPHICS

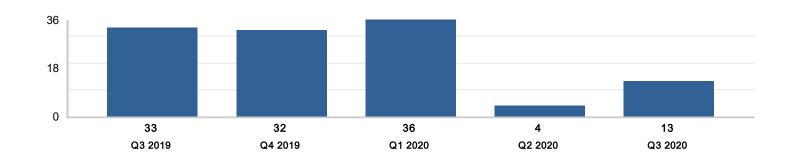
How participants are engaged in the plan



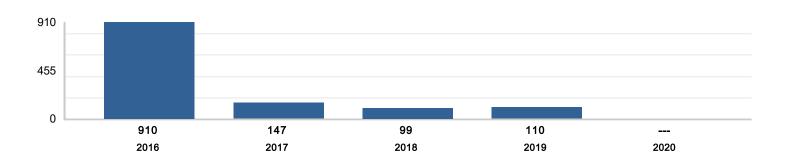
ENROLLED PARTICIPANTS¹ (as of 09/30/2020) 1,155



ENROLLMENT TRENDS (BY QUARTER)³



ENROLLMENT TRENDS (BY YEAR) ³



¹ Total number of enrolled participants in this plan.

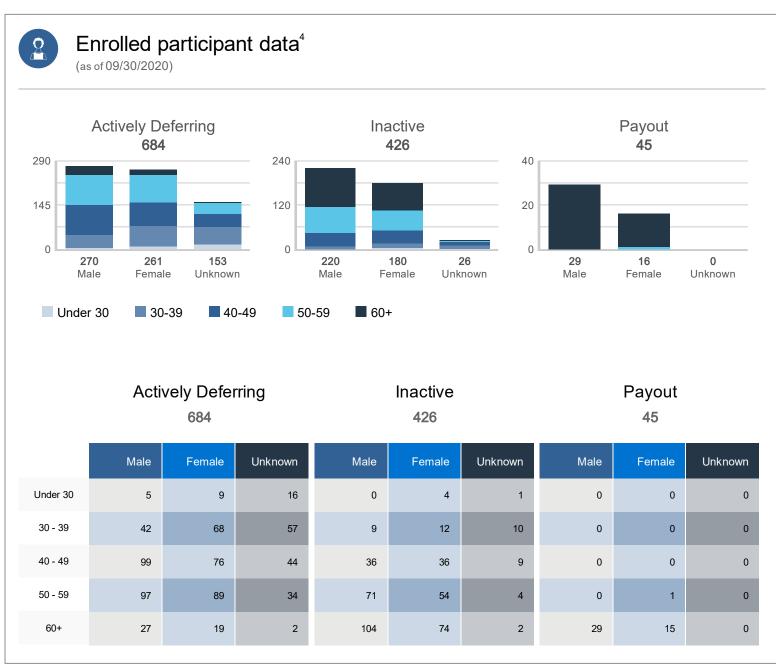
² Participants who open and close their account within the calendar year, will not be counted in year-to-date enrollment numbers.

 3 Total number of participants enrolled by quarter or by year.



PARTICIPANT DEMOGRAPHICS

How participants are engaged in the plan

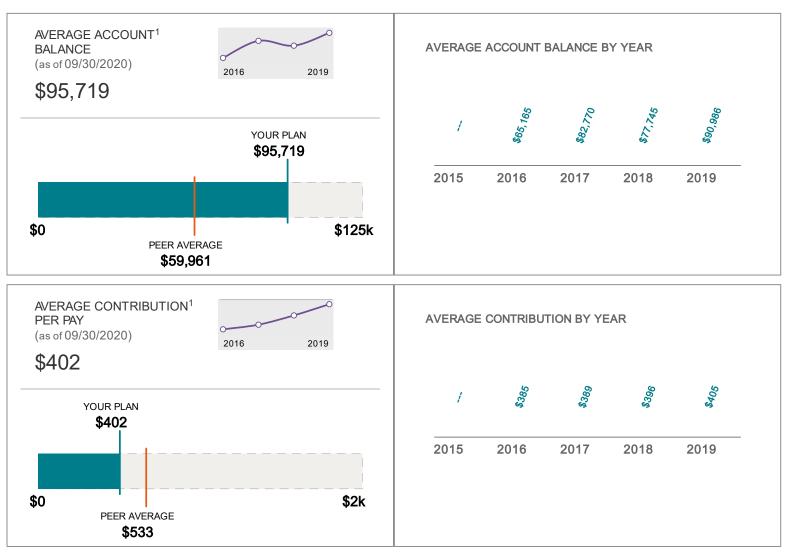


⁵ Actively deferring - Participants with a balance, a contribution in the past 30 days and a status of employed. Inactive - Participants with a balance, no contribution in the past 30 days and no status of payout. Payout - Participants with a balance and a status of payout.



CONTRIBUTIONS & INVESTMENTS

What your participants are contributing



Balances & contributions by age & gender

(as of 09/30/2020)

	Average account balance		Average annualized contributions		ntributions	
	Male	Female	Unknown	Male	Female	Unknown
Under 30	\$10,495	\$13,160	\$10,949	\$0	\$5,689	\$0
30 - 39	\$39,953	\$37,951	\$22,791	\$8,950	\$8,175	\$4,644
40 - 49	\$94,144	\$81,564	\$24,730	\$11,536	\$10,145	\$9,084
50 - 59	\$162,847	\$104,230	\$53,561	\$11,798	\$9,971	\$14,862
60+	\$141,156	\$122,778	\$35,449	\$11,499	\$8,361	\$0

¹A peer group consists of NRS plans with similar assets. This peer group comparison includes cases with \$100 million - \$1 billion.



CONTRIBUTION & INVESTMENTS

What your participants are contributing

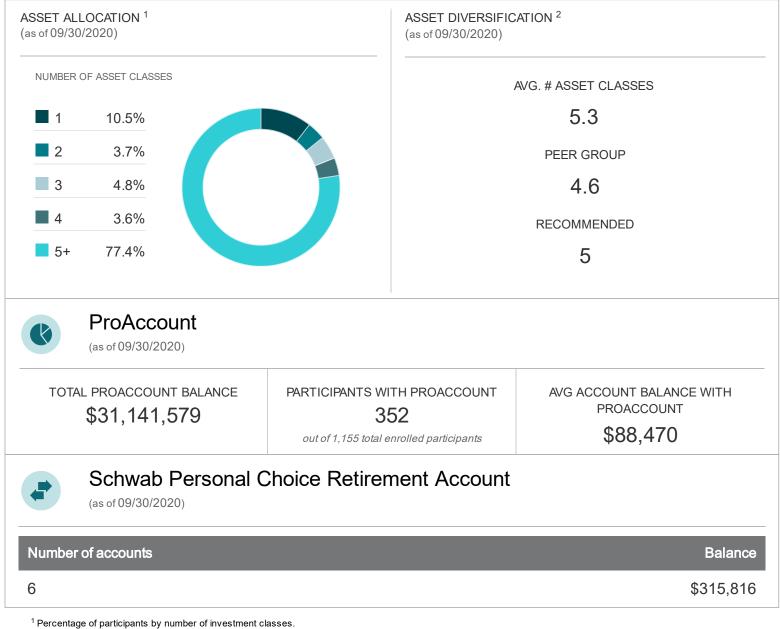


PARTICIPANTS WITH INCREASED CONTRIBUTIONS (Calendar year to date) 0% PARTICIPANTS WITH AUTOMATIC CONTRIBUTION INCREASE (Calendar year to date)

2020 IRS limits Regular Limit \$19,500

Regular Limit \$ 19,500

How your participants are invested



² Average number of asset classes - Average number of asset classes in which participants are invested.

Peer group - Average number of asset classes in which this peer group (cases with \$100 million - \$1 billion) is invested.

Recommended number of asset classes - The number of asset classes in which a participant should be invested for ideal diversification.

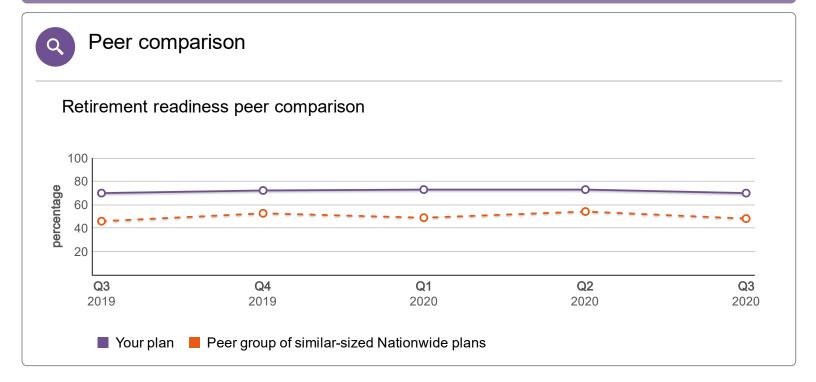


RETIREMENT READINESS

How many participants are prepared for retirement



Participants who actively review their online account and use their retirement outlook tools are 4 times more likely to take action and save more for retirement.



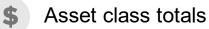
NRM-17390AO

¹ Participants with a retirement goal from My Interactive Retirement Planner®.

² Participants with a retirement goal from My Interactive Retirement Planner® and a retirement readiness score of "on track" (.915 or higher).



ASSET & FUND DETAILS



Asset class	2018	2019	2020 YTD	% of total
Mid cap	\$6,684,323.12	\$9,200,315.29	\$9,204,746.87	8.3%
Large cap	\$24,434,995.83	\$30,532,073.19	\$32,365,647.94	29.2%
Bonds	\$7,503,036.47	\$9,426,268.07	\$10,133,902.57	9.2%
SDO	\$229,348.25	\$308,627.95	\$315,815.79	0.3%
Specialty	\$1,637,214.74	\$2,700,243.78	\$2,844,884.26	2.6%
Loan	\$1,137,546.79	\$1,456,177.84	\$1,514,611.94	1.4%
Asset allocation	\$15,563,541.12	\$18,926,975.38	\$20,728,367.07	18.7%
International	\$7,876,192.73	\$10,477,759.90	\$10,675,577.98	9.6%
Small cap	\$4,944,865.14	\$6,031,026.80	\$5,322,808.98	4.8%
Fixed assets and cash	\$12,783,135.33	\$14,476,121.41	\$17,578,214.70	15.9%
Total	\$82,794,199.52	\$103,535,589.61	\$110,684,578.10	100%



\$

Total contributions by asset class

Asset class	2018	2019	2020 YTD	% of total
Mid cap	\$646,889.99	\$641,613.04	\$431,407.79	7.6%
Large cap	\$1,976,751.71	\$1,724,714.53	\$1,234,527.82	21.7%
Bonds	\$700,862.95	\$602,296.94	\$378,177.16	6.7%
Specialty	\$151,603.69	\$186,500.89	\$137,679.14	2.4%
Asset allocation	\$2,245,588.57	\$2,936,983.00	\$1,990,945.15	35.1%
International	\$1,250,535.69	\$991,741.13	\$647,215.59	11.4%
Small cap	\$459,810.46	\$465,134.40	\$280,857.20	4.9%
Fixed assets and cash	\$1,024,883.17	\$611,653.34	\$578,140.37	10.2%
Total	\$8,456,926.23	\$8,160,637.27	\$5,678,950.22	100%



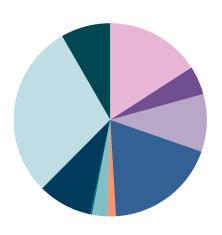
ASSET & FUND DETAILS

2020



Asset allocation

(as of 09/30/2020)



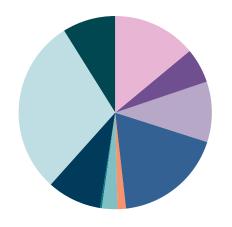
ASSET CLASS	YOUR PLAN	PEER GROUP	DIFFERENCE
Mid cap	8.3%	8.1%	0.2% ●
Large cap	29.2%	27.4%	1.8% ●
Balanced	0.0%	2.4%	0.0%
Bonds	9.2%	4.6%	4.6% ●
Short term	0.0%	4.7%	0.0%
SDO	0.3%	2.5%	-2.2% ●
Specialty	2.6%	0.4%	2.1% ●
Loan	1.4%	0.3%	1.1% 🔵
Asset allocation	18.7%	28.0%	-9.2% 🔴
International	9.6%	5.2%	4.4% 🔵
Small cap	4.8%	5.8%	-1.0% 🔴
Fixed assets and cash	15.9%	10.5%	5.3% 🔵

2019



Asset allocation

(as of 12/31/2019)



ASSET CLASS	YOUR PLAN	PEER GROUP	DIFFERENCE
Mid cap	8.9%	9.0%	-0.1% 🔴
Large cap	29.5%	29.5%	0.0%
Balanced	0.0%	2.5%	0.0%
Bonds	9.1%	4.1%	5.1% 🔵
Short term	0.0%	4.4%	0.0%
SDO	0.3%	2.7%	-2.4% ●
Specialty	2.6%	0.7%	1.9% 🔵
Loan	1.4%	0.4%	1.0% 🔵
Asset allocation	18.3%	25.1%	-6.8% 🔴
International	10.1%	5.7%	4.4% ●
Small cap	5.8%	6.3%	-0.5% 🔴
Fixed assets and cash	14.0%	9.6%	4.4% ●





Total account balance

(as of 09/30/2020)

Money source	Current value
Participant assets	\$110,684,578.10
Rollover (Pre-Tax)	\$6,166,502.63
Rollover 457	\$253,727.55
Employer Money Purchase	\$45,501,814.85
Mandatory Employee Pre-Tax	\$56,262,554.30
After-Tax Contribution	\$669,339.63
After-Tax Rollover	\$211.41
Loan balance	\$1,514,611.94
SDO balance	\$315,815.79
Total plan assets	\$110,684,578.10





Loan Details

(as of 09/30/2020)

Loan type	Number of loans	Principal value
General purpose loan	177	\$1,277,154.57
Primary residence loan	11	\$237,457.37
Total	188	\$1,514,611.94

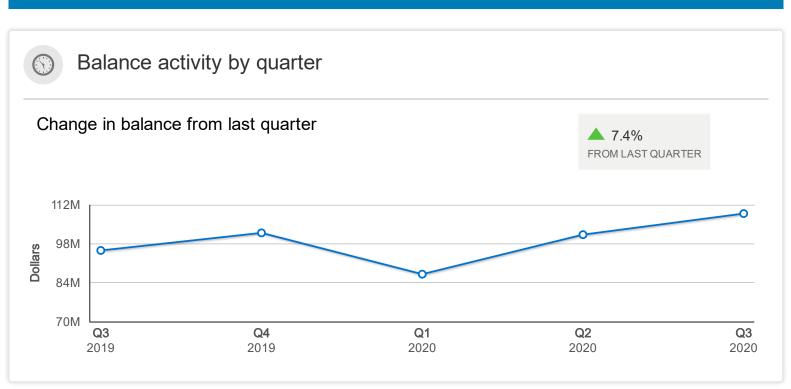


Contributions and transfers/rollovers-in

(as of 09/30/2020)

Туре	Year to date
Contributions	\$5,255,968.09
Transfers/Rollovers-In	\$422,982.13
Total	\$5,678,950.22



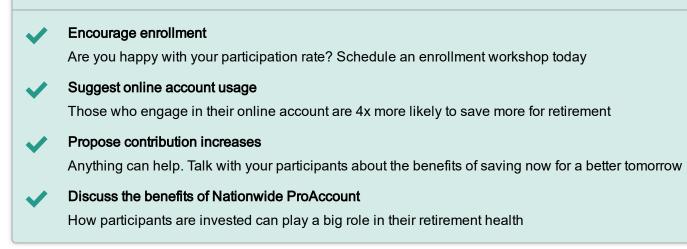






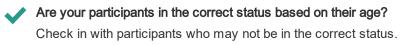
OPPORTUNITIES

Top opportunities to improve plan health

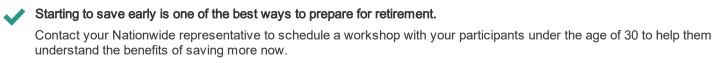


Additional opportunities

How participants are engaged in the plan



What your participants are contributing



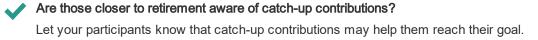
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PLAN HEALTH REPORT CITY OF SACRAMENTO CITY COUNCIL 401(a)

as of 09/30/2020



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EXECUTIVE SUMMARY

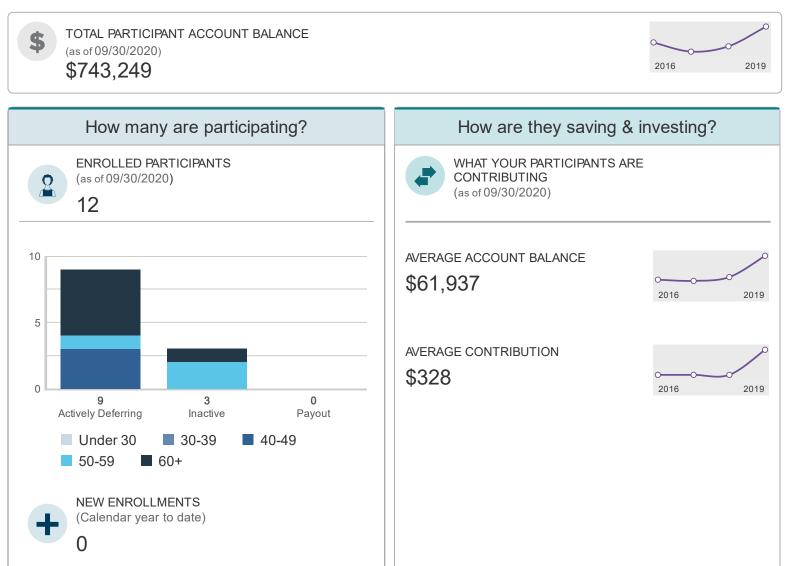


Quick plan facts (as of 09/30/2020)

Metric	Current value	%Change from last quarter	%Change from last year
Participant Core Assets	\$743,249	9.00%	25.00%
Total Participant Count	12		
Total New Enrollments YTD Count	0		
Total Deferrals YTD	\$57,359	58.00%	5.00%
Total Rollovers-In YTD	\$0		
ProAccount Participant Count	1		
ProAccount Assets	\$161,470	6.00%	10.00%

EXECUTIVE SUMMARY

401(a) Plan Summary



How many participants are prepared for retirement Online engagement Retirement readiness (as of 09/30/2020) (as of 09/30/2020) ENROLLED PARTICIPANTS WITH AN PARTICIPANTS 'ON TRACK' FOR TOTAL ENROLLED PARTICIPANTS WITH A ONLINE ACCOUNT RETIREMENT PARTICIPANTS RETIREMENT GOAL 12 5 4 25%



PARTICIPANT DEMOGRAPHICS

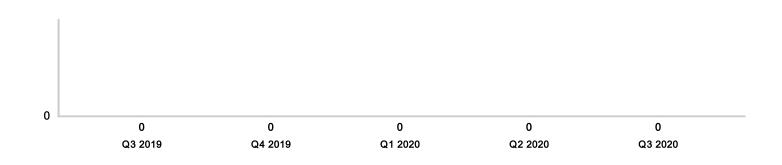
How participants are engaged in the plan



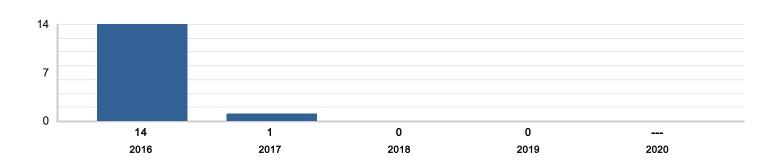
ENROLLED PARTICIPANTS¹ (as of 09/30/2020) 12



ENROLLMENT TRENDS (BY QUARTER)³



ENROLLMENT TRENDS (BY YEAR) ³



¹ Total number of enrolled participants in this plan.

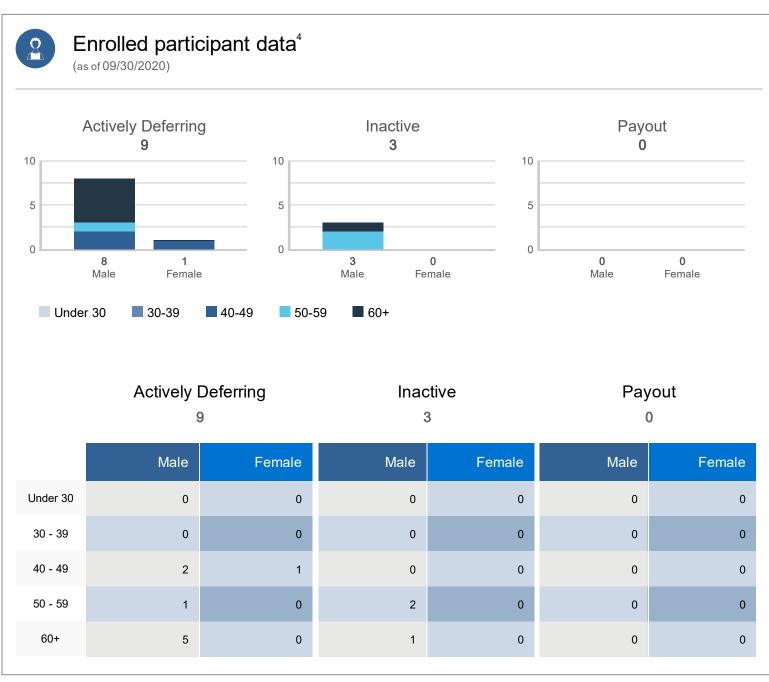
² Participants who open and close their account within the calendar year, will not be counted in year-to-date enrollment numbers.

 3 Total number of participants enrolled by quarter or by year.



PARTICIPANT DEMOGRAPHICS

How participants are engaged in the plan



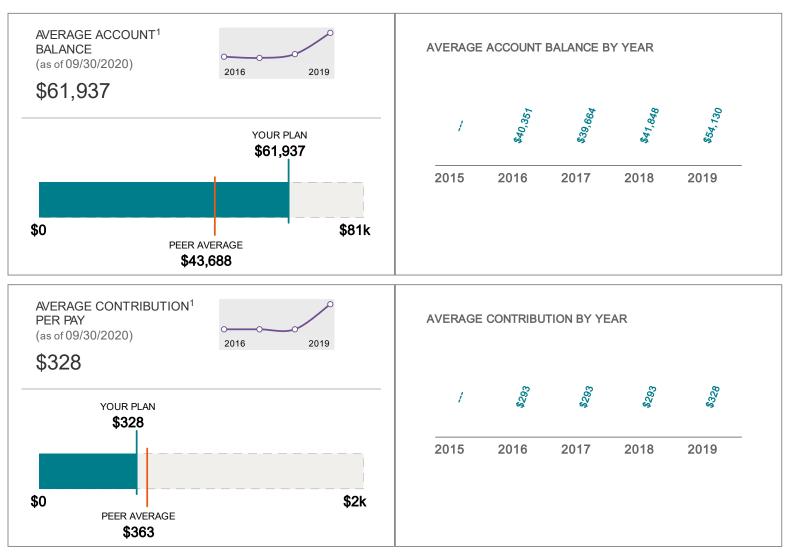
⁵ Actively deferring - Participants with a balance, a contribution in the past 30 days and a status of employed. Inactive - Participants with a balance, no contribution in the past 30 days and no status of payout.

Payout - Participants with a balance and a status of payout.



CONTRIBUTIONS & INVESTMENTS

What your participants are contributing



Balances & contributions by age & gender

(as of 09/30/2020)

	Average acc	count balance	Average annualized contributions		
	Male	Female	Male	Female	
Under 30	\$0	\$0	\$0	\$0	
30 - 39	\$0	\$0	\$0	\$0	
40 - 49	\$50,470	\$58,370	\$8,272	\$8,272	
50 - 59	\$97,570	\$0	\$5,286	\$0	
60+	\$48,538	\$0	\$10,341	\$0	

¹A peer group consists of NRS plans with similar assets. This peer group comparison includes cases with \$0.5 million - \$5 million.



CONTRIBUTION & INVESTMENTS

What your participants are contributing



PARTICIPANTS WITH INCREASED CONTRIBUTIONS (Calendar year to date) 0% PARTICIPANTS WITH AUTOMATIC CONTRIBUTION INCREASE (Calendar year to date)

2020 IRS limits Regular Limit \$19,500

How your participants are invested

ASSET ALLOCATION ¹ ASSET DIVERSIFICATION ² (as of 09/30/2020) (as of 09/30/2020) NUMBER OF ASSET CLASSES AVG. # ASSET CLASSES 4.31 16.7% 2 0.0% PEER GROUP 3 0.0% 3.8 4 16.7% RECOMMENDED 5+ 66.7% 5 ProAccount (as of 09/30/2020) TOTAL PROACCOUNT BALANCE PARTICIPANTS WITH PROACCOUNT AVG ACCOUNT BALANCE WITH PROACCOUNT \$161,470 1 \$161,470 out of 12 total enrolled participants

¹ Percentage of participants by number of investment classes.

² Average number of asset classes - Average number of asset classes in which participants are invested.

Peer group - Average number of asset classes in which this peer group (cases with \$0.5 million - \$5 million) is invested.

Recommended number of asset classes - The number of asset classes in which a participant should be invested for ideal diversification.

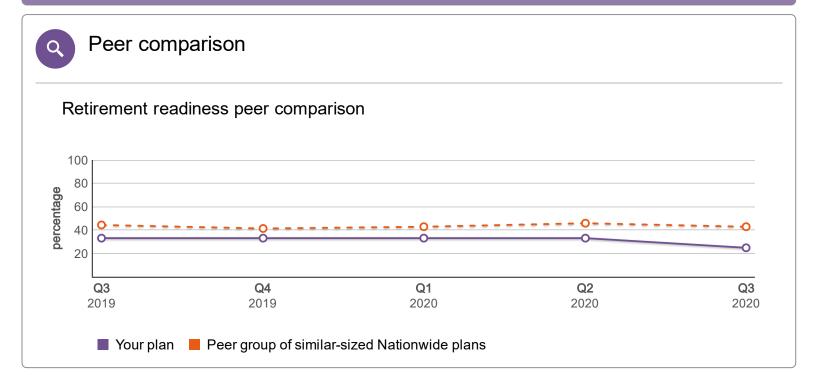


RETIREMENT READINESS

How many participants are prepared for retirement



Participants who actively review their online account and use their retirement outlook tools are 4 times more likely to take action and save more for retirement.



NRM-17390AO

¹ Participants with a retirement goal from My Interactive Retirement Planner®.

² Participants with a retirement goal from My Interactive Retirement Planner® and a retirement readiness score of "on track" (.915 or higher).



ASSET & FUND DETAILS

\$ Asset class totals

Asset class	2018	2019	2020 YTD	% of total
Mid cap	\$25,596.50	\$36,334.13	\$40,101.47	5.4%
Large cap	\$157,012.36	\$137,094.13	\$164,553.30	22.1%
Bonds	\$78,948.53	\$33,642.42	\$36,134.41	4.9%
Specialty	\$13,308.53	\$22,868.81	\$23,786.87	3.2%
Asset allocation	\$195,648.66	\$328,665.43	\$389,245.90	52.4%
International	\$34,544.79	\$41,646.20	\$39,400.91	5.3%
Small cap	\$21,348.08	\$29,532.94	\$28,609.83	3.8%
Fixed assets and cash	\$17,621.73	\$19,780.67	\$21,416.09	2.9%
Total	\$544,029.18	\$649,564.73	\$743,248.78	100%



\$

Total contributions by asset class

Asset class	2018	2019	2020 YTD	% of total
Mid cap	\$3,387.28	\$4,348.38	\$3,324.81	5.8%
Large cap	\$9,853.48	\$11,059.25	\$3,627.29	6.3%
Specialty	\$1,847.56	\$2,372.02	\$1,813.74	3.2%
Asset allocation	\$42,516.50	\$53,793.82	\$45,268.07	78.9%
International	\$615.68	\$790.46	\$604.39	1.1%
Small cap	\$2,771.08	\$3,557.64	\$2,720.23	4.7%
Total	\$60,991.58	\$75,921.57	\$57,358.53	100%



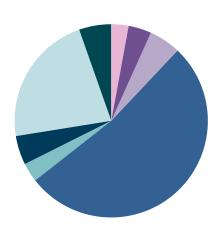
ASSET & FUND DETAILS

2020



Asset allocation

(as of 09/30/2020)



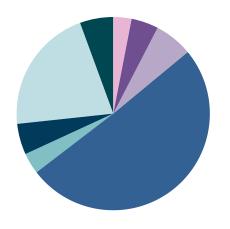
ASSET CLASS	YOUR PLAN	PEER GROUP	DIFFERENCE
Mid cap	5.4%	4.8%	0.6% ●
Large cap	22.1%	19.2%	2.9% 🔵
Balanced	0.0%	1.9%	0.0%
Bonds	4.9%	6.3%	-1.4% 🔴
Short term	0.0%	3.1%	0.0%
SDO	0.0%	0.7%	0.0%
Specialty	3.2%	1.2%	2.0% ●
Loan	0.0%	0.0%	0.0%
Asset allocation	52.4%	23.0%	29.3% 🔵
International	5.3%	6.2%	-0.9% 🔴
Small cap	3.8%	3.8%	0.1% ●
Fixed assets and cash	2.9%	29.9%	-27.0% 🔴

2019



Asset allocation

(as of 12/31/2019)



ASSET CLASS	YOUR PLAN	PEER GROUP	DIFFERENCE
Mid cap	5.6%	5.9%	-0.3% 🔴
Large cap	21.1%	20.2%	0.9% ●
Balanced	0.0%	2.1%	0.0%
Bonds	5.2%	5.6%	-0.4% 🔴
Short term	0.0%	4.6%	0.0%
SDO	0.0%	0.7%	0.0%
Specialty	3.5%	1.7%	1.8% ●
Loan	0.0%	0.1%	0.0%
Asset allocation	50.6%	20.5%	30.1% 🔵
International	6.4%	7.4%	-1.0% ●
Small cap	4.5%	4.7%	-0.2% 🔴
Fixed assets and cash	3.0%	26.5%	-23.5% 🔴





Total account balance

(as of 09/30/2020)

Money source	Current value
Participant assets	\$743,248.78
Rollover (Pre-Tax)	\$0.00
Employer Money Purchase	\$358,829.73
Mandatory Employee Pre-Tax	\$384,419.05
Total plan assets	\$743,248.78

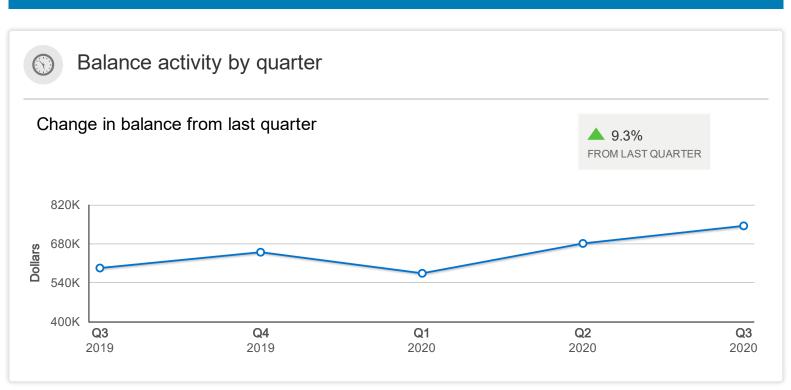


Contributions and transfers/rollovers-in

(as of 09/30/2020)

Туре	Year to date
Contributions	\$57,358.53
Transfers/Rollovers-In	\$0.00
Total	\$57,358.53



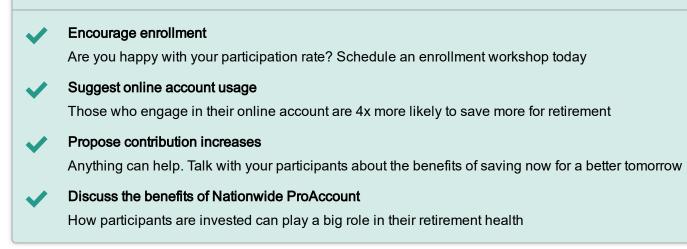






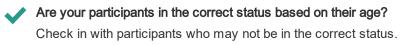
OPPORTUNITIES

Top opportunities to improve plan health

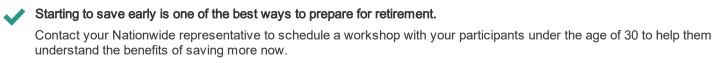


Additional opportunities

How participants are engaged in the plan



What your participants are contributing



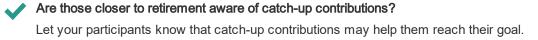
Are your female participants actively contributing? Host a workshop for women eligible and enrolled in your plan. Nationwide's Women & Investing tools can help.



Incremental increases can go a long way.

Let your participants know how having an automatic annual contribution increase can help them reach their retirement goal.

Work with your Nationwide Retirement Specialist to help manage your loans.



How your participants are invested



Are participants diversified enough?

Call your Nationwide retirement specialist and discuss your participants' asset diversification.

How many participants are prepared for retirement



How many participants are getting close to retirement?

Talk with your participants about which payout strategies may benefit them the most.





Investment Review

Prepared for CITY OF SACRAMENTO 457 As of September 30, 2020



Contents





2 Market Overview



Plan Snapshot



Individual Fund Profiles

Important Information

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Investing involves risk, including the possible loss of principal.

Investment returns and principal value will fluctuate; redeemed units may be worth more or less than their original cost. Before investing, one should carefully consider the investment objectives, risks, fees, and expenses. The fund prospectus contains this and other important information. Prospectuses can be obtained by contacting your local retirement representative, or Nationwide Financial at 1-877-677-3678. Please read the prospectuses carefully before investing or sending money.

The performance summary does not reflect fees and charges specific to your plan, including, termination charges, plan recordkeeping fees, participant fees or other product charges.

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The use of Morningstar data, or any other investment tool, is not intended as investment advice to the plan. The Plan Sponsor (or other designated investment fiduciary) is solely responsible for evaluating the appropriateness of the investment options available in the plan. When shown, benchmark data is used for comparative purposes only and generally reflects the investment style or risk of the compared menu option.

It is not possible to invest directly in an index.

Nationwide offers a variety of investment options through this contract. The underlying investment options or their affiliates may make payments to Nationwide. For more detail about the payments Nationwide receives, please visit www.nrsforu.com.

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The unregistered group variable annuity is issued by Nationwide Life Insurance Company, Columbus, OH. Contract number NRC-0105A0, NRC-0105OR. In Oklahoma only: NRC-0105OK.

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All data as of September 30, 2020 unless otherwise noted. Data accessed on November 17, 2020.

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

Investment Risk Disclosures

Investing involves risk, including the possible loss of principal. There is no guarantee that any investment objective will be met. Please note: Each plan may or may not include all types of funds listed below.

Asset Allocation Funds: These funds are designed to provide diversification and asset allocation across several types of investments and asset classes, primarily by investing in underlying funds. Therefore, in addition to the expenses of these funds, investors are indirectly paying a proportionate share of the applicable fees and expenses of the underlying funds.

Bond Funds: Funds that invest in bonds have the same interest rate, inflation and credit risks associated with the bonds in which the funds invest.

Fixed Annuity: The investment objective of a fixed annuity is to provide a low-risk, reasonably high-yield investment. Fixed annuities are managed to earn a high level of return consistent with, and providing for, preservation of capital, high credit quality, liquidity to pay plan benefits, and reasonable tracking of interest rates. Safety, stability, and consistency while providing a competitive return are key attributes. General account asset values and rate guarantees are subject to the claims-paying ability of the issuing insurance company.

Government Bond Funds: While these funds invest primarily in securities of the U.S. Government and its agencies, the fund's value is not guaranteed by these entities.

High Yield Bond Funds: Portfolios that invest in high-yield securities are subject to greater credit risk and price fluctuations than portfolios that invest in higher quality securities. The prices of high-yield bonds tend to be more sensitive to adverse economic and business conditions than are higher-rated corporate bonds. Increased volatility may reduce the market value of high-yield bonds. They are also subject to the claims paying ability of the issuing company.

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

Money Market Funds: An investment in a money market fund is not insured or guaranteed by the FDIC or any other federal government agency. Although the fund seeks to preserve the value of your investment at \$1.00 per share, it is possible to lose money by investing in the fund.

Non-Diversified Funds: Funds that concentrate in a specific sector or focus on a relatively small number of securities may be subject to greater volatility than a more diversified investment.

Real Estate Funds: Investing in real estate funds entails the risks of the real estate business generally, including sensitivity to economic and business cycles, changing demographic patterns and government actions.

Small Company Funds: Stocks of small or small emerging companies may have less liquidity than those of larger, established companies and may be subject to greater price volatility and risk than the overall stock market. Smaller companies are more vulnerable than larger companies to adverse business and economic developments and may have more limited resources. Therefore, they generally involve greater risk.

Stable Value: The Stable Value Fund is managed to protect principal while providing the potential for higher rates of return than other conservative investments, such as money market funds. Stable Value funds are not FDIC insured and are not guaranteed.

Investment Risk Disclosures

Target Date Funds: These funds are designed for people who plan to retire or begin taking income during or near a specific year. These funds use a strategy that reallocates equity exposure to a higher percentage of fixed investments over time primarily by investing in underlying funds. Therefore, in addition to the expenses of these funds, investors are indirectly paying a proportionate share of the applicable fees and expenses of the underlying funds. It's important to remember that no strategy can assure a profit or prevent a loss in a declining market; the principal value is not guaranteed at any time including the target date. Investing involves risk, including loss of principal. When redeemed, the amount received may be less than the amount invested. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

All data as of September 30, 2020 unless otherwise noted.

Product Guidelines

Nationwide Life Insurance Company or its affiliates (Nationwide), as product provider, establishes internal guidelines for its retirement plan products and platforms, which serve as the basis for selecting underlying investment options for its products. These guidelines include product competitiveness, consistency with the purpose of the product, Nationwide's business interests, and general investment criteria. The guidelines are subject to change and Nationwide may select options that do not satisfy all criteria.

Selected investment criteria may include such items as:

- Fund absolute performance
- Fund relative performance
- Fund expenses
- Fund assets
- Firm ownership structure and personnel changes
- Firm assets under management
- Firm track record
- Portfolio Manager, or management team, tenure and experience

Changes in the guidelines above may trigger a change to a product's underlying investment options.

Retirement plan sponsors have the sole and absolute discretion to determine whether the investment options offered through Nationwide's product and platforms are suitable and appropriate for their plan. Nationwide has its own business interests, including profit, in selecting which investment option to offer within its products and cannot act with the unconflicted objectivity required of fiduciaries.

Each plan is ultimately responsible for selecting and monitoring its own investment options consistent with its plan documents and investment guidelines/policy statement.

Returns by Style





	1 \	(ear Retu	Irn		5 `	Year Retu	irn
	Value	Blend	Growth		Value	Blend	Growth
Large	-11.4%	0.9%	13.8%	Large	1.7%	5.8%	9.6%
Small/Mid	-7.3%	5.6%	16.6%	Small/Mid	4.0%	7.1%	9.5%
	Global 11.0%		Emerging Markets 10.9%		Global 11.1%		Emerging Markets 9.4 %

Source: FactSet

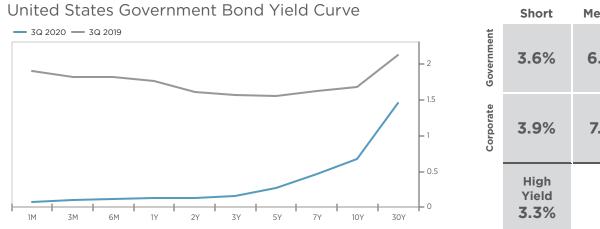
Tables reflect index total returns (including reinvestments of dividends). All returns and annotations reflect total return, including dividends.

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS.

Data as of September 30, 2020.

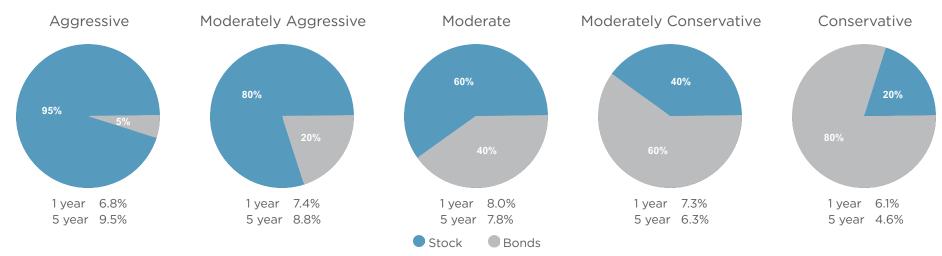
Returns by Style (continued)

Bond Market



	1 \	/ear Retu	Irn	5 Year Return			
	Short	Medium	Long		Short	Medium	Long
Government	3.6%	6.3%	13.5%	Government	1.8%	2.8%	6.1%
Corporate	3.9%	7.3%	9.3%	Corporate	2.7%	4.3%	8.8%
	High Yield 3.3 %		Multi- Sector 7.0 %		High Yield 6.8 %		Multi- Sector 4.2 %

Asset Allocation



Source: FactSet

All calculations, other than the yield curve, are cumulative total return, including dividends reinvested, for the stated period. For detail on the indices used in these calculations, please see Page 6. For detail on the asset allocation models, please see Page 9. PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS.

Data as of September 30, 2020.

Annual Returns of Selected Asset Classes

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
27.95	8.28	19.70	38.82	28.03	2.83	21.31	25.03	1.87	31.49	
26.85	7.84	17.32	32.39	13.69	1.38	11.96	21.83	0.01	28.66	
15.06	5.64	16.35	22.78	5.97	0.55	8.63	14.65	-1.20	25.52	
11.77	2.11	16.00	16.86	5.97	0.18	7.58	13.13	-4.04	22.01	
7.75	1.12	11.05	2.86	4.89	0.05	2.65	8.67	-4.38	18.86	
6.54	0.10	4.32	0.07	0.59	-0.81	2.09	7.39	-4.78	8.72	
5.54	-4.18	4.21	-2.02	0.03	-3.15	1.00	3.54	-11.01	6.84	
0.13	-12.14	0.11	-2.60	-4.90	-4.41	0.33	0.86	-13.79	2.28	



Tables reflect index total returns (including reinvestments of dividends). All returns and annotations reflect total return, including dividends.

Source: FactSet

All calculations are cumulative total return, including dividends reinvested for the stated period.

For detail on the indices used in these calculations, please see Page 9.

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS.

Data as of September 30, 2020.

Returns by Style (continued)

The indices used on the preceding pages are as follows:

U.S. Market

US Stock Market (price graph): Russell 3000 Index Large Cap Growth: Russell Top 200 Growth Index Large Cap Blend: Russell Top 200 Index Large Cap Value: Russell Top 200 Value Index Mid Cap Growth: Russell Mid Cap Growth Index Mid Cap Blend: Russell Mid Cap Index Mid Cap Value: Russell Mid Cap Value Index Small Cap Growth: Russell 2000 Growth Index Small Cap Blend: Russell 2000 Index Small Cap Value: Russell 2000 Value Index

International Market

International Stock Market (price graph): MSCI EAFE Index International Large Growth: MSCI EAFE Growth Index International Large Blend: MSCI EAFE Index International Large Value: MSCI EAFE Value Index International Small/Mid Growth: MSCI EAFE Small-Mid Cap Growth Index International Small/Mid Blend: MSCI EAFE Small-Mid Cap Index International Small/Mid Value: MSCI EAFE Small-Mid Cap Value Index Global Stocks: MSCI The World Index Emerging Markets: MSCI Emerging Markets Index

Bond Market

Short Government: Bloomberg Barclays Capital (BbgBarc) U.S. Treasury 1-3 Year Index

Intermediate Government: BbgBarc U.S. Treasury 3-5 Year Index Long Government: BbgBarc U.S. Treasury 10-20 Year Index Short Corporate: BbgBarc U.S. 1-3 Year Credit Index Intermediate Corporate: BbgBarc U.S. Intermediate Credit Index Long Corporate: BbgBarc U.S. Long Credit Index High Yield: BbgBarc U.S. Corporate High Yield Index Multi-Sector: BbgBarc U.S. Aggregate Index

Asset Allocation

The asset allocation models have been provided by Ibbotson Associates, Inc. (Ibbotson) to Nationwide. They are comprised of underlying indices and rebalanced on a quarterly basis back to the following allocations. Ibbotson and its affiliates are not related to Nationwide or its affiliates.

Aggressive: 5% BbgBarc U.S. Aggregate Index, 40% Standard & Poor's (S&P) 500 Index, 30% MSCI EAFE Index, 15% S&P MidCap 400 Index, 10% Russell 2000 Index

Moderately Aggressive: 5% Citi Government/Corporate 1-3 Year Index, 15% BbgBarc U.S. Aggregate Index, 35% S&P 500 Index, 25% MSCI EAFE Index, 15% S&P MidCap 400 Index, 5% Russell 2000 Index

Moderate: 5% Citi 3-month Treasury Index, 10% Citi Government/Corporate 1-3 Year Index, 25% BbgBarc U.S. Aggregate Index, 30% S&P 500 Index, 10% S&P MidCap 400 Index, 5% Russell 2000 Index, 15% MSCI EAFE Index

Moderately Conservative: 10% Citi 3-month Treasury Index, 15% Citi Government/Corporate 1-3 Year Index, 35% BbgBarc U.S. Aggregate Index, 20% S&P 500 Index, 10% S&P MidCap 400 Index, 10% MSCI EAFE Index

Conservative: 15% Citi 3-month Treasury Index, 25% Citi Government/ Corporate 1-3 Year Index, 40% BbgBarc U.S. Aggregate Index, 10% S&P 500 Index, 5% S&P MidCap 400 Index, 5% MSCI EAFE Index

Annual Return of Selected Asset Classes

Large Cap Stocks: S&P 500 Index Small Cap Stocks: Russell 2000 Index International Stocks: MSCI EAFE Index US Bonds: Bloomberg Barclays Capital U.S. Aggregate Index Global Bonds: Bloomberg Barclays Capital Global Aggregate Index REITs: FTSE NAREIT Index Cash: Bank of America/Merrill Lynch 3-month Treasury Note Index Moderate Portfolio: as above

Investors cannot invest directly in an index. All of these indices are unmanaged and do not bear the fees and expenses of a managed investment product.

Fund Snapshot

September 30, 2020 **Domestic Stock Funds**

Specialty Funds

Large Cap Value	Large Cap Blend	Large Cap Growth	Sector Equity
MFS Value R6	Vanguard 500 Index Admiral	Fidelity* Contrafund* K6 Goldman Sachs Large Cap Gr Insghts Instl	TIAA-CREF Real Estate Sec Instl
Mid Cap Value	Mid Cap Blend	Mid Cap Growth	Balanced
American Century Mid Cap Value R6	Vanguard Mid Cap Index Admiral	MFS Mid Cap Growth R6	BlackRock Global Allocation Instl
Small Cap Value	Small Cap Blend	Small Cap Growth	
Vanguard Small Cap Value Index I	JPMorgan Small Cap Equity R5	Invesco Discovery R6	

International Stock Funds

International Large Value	International Large Blend	International Large Growth	Global Equity		
	iShares MSCI EAFE Intl Idx Instl Nationwide Bailard Intl Eqs R6	Invesco Oppenheimer International Gr R6	World		
International Small/Mid Value	International Small/Mid Blend	International Small/Mid Growth	Emerging Markets Invesco Developing Mkts R6		

Fund Snapshot (continued)

September 30, 2020 Bond Funds

Short Government	Intermediate Government	Long Government			
Short Investment Grade	Intermediate Investment Grade	Long Investment Grade			
	PGIM Total Return Bond Z				
High Yield	World/Emerging Markets Bond	Multi-Sector Bond			
Columbia High Yield Bond Inst2	Goldman Sachs Global Core Fxd Inc Instl	PIMCO Income Instl			

Short Term Options



Asset Allocation Funds

Target Risk	Target Date
	American Century One Choice 2020 R6 American Century One Choice 2025 R6 American Century One Choice 2030 R6 American Century One Choice 2035 R6 American Century One Choice 2040 R6 American Century One Choice 2045 R6 American Century One Choice 2050 R6 American Century One Choice 2055 R6 American Century One Choice 2060 R6 American Century One Choice 2060 R6 American Century One Choice In Ret R6

Source: Morningstar, Inc.

Funds, other than asset allocation, target date and balanced categories, are depicted based on their assigned Morningstar Category. Due to the wide disparity of management styles within the three previously mentioned categories and the ensuing variety of category classifications, they are broken out separately for consistency's sake.

Investment Performance and Morningstar Percentiles

The following pages illustrate each investment option's performance and percentile ranking(s) within their respective Morningstar categories over the specified time periods.

Where shown, the **bar chart** on the left side of each page represents comparative performance against each fund's broader grouping. For the funds, the calculation takes the net returns for all of the funds in its respective Asset Category, and averages them during each of the given return periods. The returns were not average weighted. This same approach is taken with each of the corresponding Morningstar Categories of each fund.

Where shown, the **Category Average Gross Expense Ratio** takes the gross expense ratio of all the funds in the respective Morningstar category/ies and averages them.

The **Morningstar Category** identifies funds based on their actual investment styles as measured by their underlying portfolio holdings (portfolio statistics and compositions over the past three years). If a fund is new and has no portfolio, Morningstar estimates where it will fall before assigning a more permanent category. When necessary, Morningstar may change a category assignment based on current information. It is not possible to invest directly in a Morningstar category.

Performance returns assume the reinvestment of all distributions. Returns for period less than one year are not annualized. Total returns may reflect contractual expense waivers for certain periods since inception, without which returns would have been lower.

Peer rankings are expressed as percentiles and are determined by dividing each investment option's absolute rank based on total return, when sorted from highest return to lowest, by the number of options in the category. For example, if an investment option ranks 5th in a category with 100 options, its percentile ranking would be 5. The category percentile rankings look at the most recent quarter-ending period. These rankings are color coded as follows:

When the investment option's average total return for any specific quarter-ending calendar period falls within **the first quartile (1% – 25%)** of its Morningstar Category, the investment option is not color coded on the chart.



When the investment option's average total return for the period falls within **the second quartile (26% – 50%)**, the investment option receives a light blue coding.

When the investment option's average total return for the period falls within **the third quartile (51% - 75%)**, the investment option receives a gray coding.

When the investment option's average total return for the period falls within **the fourth quartile (76% - 100%)**, the investment option receives a dark blue coding.

Investment Performance and Morningstar Percentiles

The **5 Year Risk/Return vs. Category** box represents a fund's risk/return tradeoff against its Morningstar Category. The 5 year risk/return plot point is in the middle of the box where the lines intersect.

Risk is defined by Standard Deviation: a statistical measure of the volatility of the fund's returns.

The top left quadrant is shaded if a fund has a higher return and lower risk than its Morningstar Category.

The bottom left quadrant is shaded if a fund has a lower return and lower risk than its Morningstar Category.

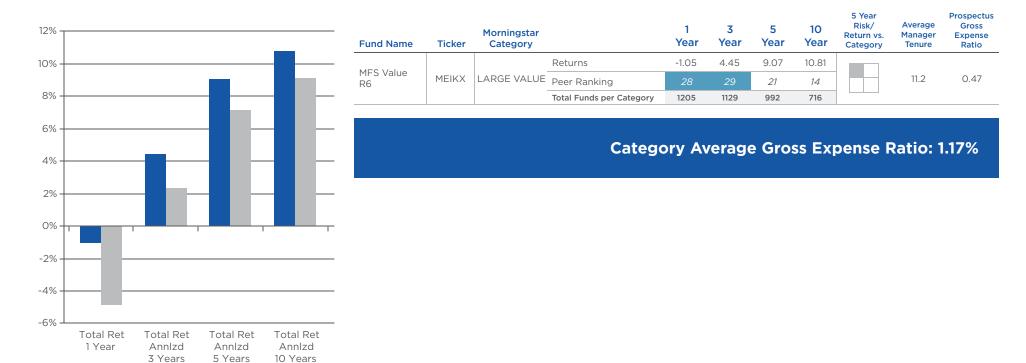
The top right quadrant is shaded if a fund has a higher return and higher risk than its Morningstar Category.

The bottom right quadrant is shaded if a fund has a lower return and higher risk than its Morningstar Category.

Average Manager Tenure is reported directly from the Morningstar database and represents the average amount of time that the management team for a specific fund has been in place. In the event that there is only one manager for a fund, this number will equal that manager's tenure on the fund. In the event the average manager tenure on any Fund is less than 3 years, that cell is color-coded.

Gross Expense Ratio, also known as Prospectus Gross Expense Ratio, is the percentage of fund assets used to pay for operating expenses and management fees, including 12b-1 fees, administrative fees, and all other asset-based costs incurred by the fund, except brokerage costs. Fund expenses are reflected in the fund's NAV. Sales charges are not included in the expense ratio.

Large Cap Value



Plan Category Average Returns

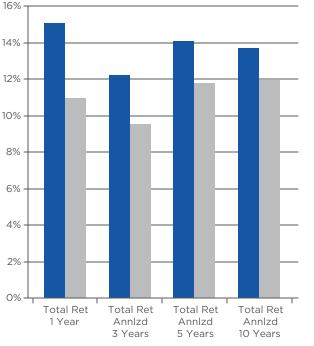
Morningstar Category Average Returns

CURRENT PERFORMANCE MAY BE LOWER OR HIGHER THAN THE PAST PERFORMANCE SHOWN, WHICH DOES NOT GUARANTEE FUTURE RESULTS.

Your plan may have a Nationwide Administrative Fee, which, if reflected, would reduce the performance shown.

Individual fund performance is as of September 30, 2020. For more recent fund performance please see www.nrsforu.com.

Large Cap Blend



	Fund Name	Ticker	Morningstar Category		1 Year	3 Year	5 Year	10 Year	5 Year Risk/ Return vs. Category	Average Manager Tenure	Prospectus Gross Expense Ratio
	Vanguard 500 Index Admiral	VFIAX	LARGE BLEND	Returns	15.11	12.24	14.11	13.71		3.6	0.04
				Peer Ranking	26	19	12	10			
				Total Funds per Category	1370	1229	1066	819			

Category Average Gross Expense Ratio: 1.36%

Plan Category Average Returns

Morningstar Category Average Returns

CURRENT PERFORMANCE MAY BE LOWER OR HIGHER THAN THE PAST PERFORMANCE SHOWN, WHICH DOES NOT GUARANTEE FUTURE RESULTS.

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Individual fund performance is as of September 30, 2020. For more recent fund performance please see www.nrsforu.com.

Large Cap Growth



Plan Category Average Returns

Total Ret

AnnIzd

3 Years

Total Ret

1 Year

Morningstar Category Average Returns

Total Ret

Annlzd

5 Years

CURRENT PERFORMANCE MAY BE LOWER OR HIGHER THAN THE PAST PERFORMANCE SHOWN, WHICH DOES NOT GUARANTEE FUTURE RESULTS.

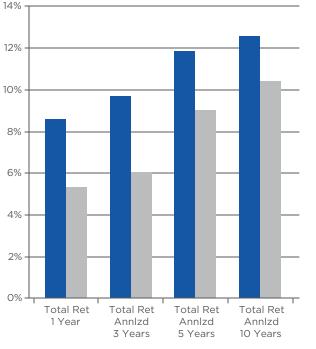
Your plan may have a Nationwide Administrative Fee, which, if reflected, would reduce the performance shown.

Total Ret

Annlzd

10 Years

Individual fund performance is as of September 30, 2020. For more recent fund performance please see www.nrsforu.com.



Fund Name	Ticker	Morningstar Category		1 Year	3 Year	5 Year	10 Year	5 Year Risk/ Return vs. Category	Average Manager Tenure	Prospectus Gross Expense Ratio	
American	AMDVX	MID-CAP VALUE	Returns	-6.78	1.07	7.28	10.12		13.4	0.63	
Century Mid Cap Value			Peer Ranking	25	20	11	7				
R6			Total Funds per Category	420	391	348	248				
	отскх	MID-CAP GROWTH	Returns	25.48	20.04	17.94	15.67		10.6	0.74	
MFS Mid Cap Growth R6			Peer Ranking	36	18	15	14				
			Total Funds per Category	607	557	500	380				
Vanguard Mid Cap Index Admiral	VIMAX			Returns	7.08	7.98	10.33	11.97			
		MID-CAP BLEND	Peer Ranking	11	11	13	7		13.4	0.05	
			Total Funds per Category	403	368	295	213				

Category Average Gross Expense Ratio: 2.11%

Plan Category Average Returns

Morningstar Category Average Returns

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Your plan may have a Nationwide Administrative Fee, which, if reflected, would reduce the performance shown.

Individual fund performance is as of September 30, 2020. For more recent fund performance please see www.nrsforu.com.

Small Cap



-2% L				
270	Total Ret	Total Ret	Total Ret	Total Ret
	1 Year	Annlzd	Annlzd	Annlzd
		3 Years	5 Years	10 Years

Plan Category Average Returns

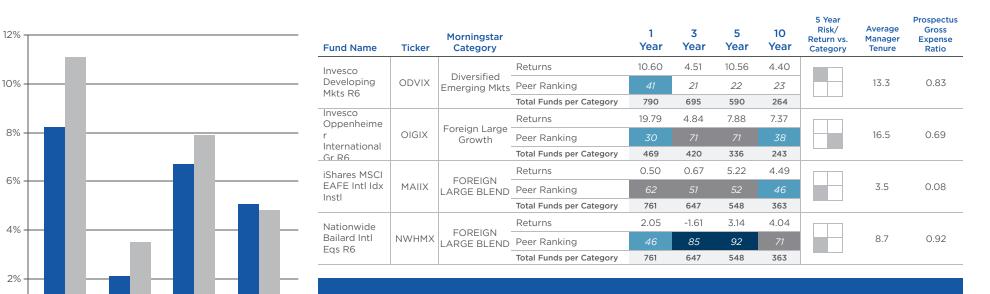
Morningstar Category Average Returns

CURRENT PERFORMANCE MAY BE LOWER OR HIGHER THAN THE PAST PERFORMANCE SHOWN, WHICH DOES NOT GUARANTEE FUTURE RESULTS.

Your plan may have a Nationwide Administrative Fee, which, if reflected, would reduce the performance shown.

Individual fund performance is as of September 30, 2020. For more recent fund performance please see www.nrsforu.com.

International Funds



Category Average Gross Expense Ratio: 3.04%

Plan Category Average Returns

Total Ret

Annlzd

3 Years

0%

Total Ret

1 Year

Morningstar Category Average Returns

Total Ret

AnnIzd

5 Years

CURRENT PERFORMANCE MAY BE LOWER OR HIGHER THAN THE PAST PERFORMANCE SHOWN, WHICH DOES NOT GUARANTEE FUTURE RESULTS.

Your plan may have a Nationwide Administrative Fee, which, if reflected, would reduce the performance shown.

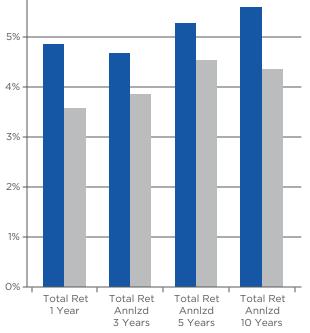
Total Ret

Annlzd

10 Years

Individual fund performance is as of September 30, 2020. For more recent fund performance please see www.nrsforu.com.

Bond Funds



Fund Name	Ticker	Morningstar Category		1 Year	3 Year	5 Year	10 Year	5 Year Risk/ Return vs. Category	Average Manager Tenure	Prospectus Gross Expense Ratio
Columbia			Returns	2.90	3.87	5.89	6.31			
High Yield Bond Inst2	RSHRX	HIGH YIELD BOND	Peer Ranking	29	26	27	9		6.0	0.72
Bona mstz			Total Funds per Category	676	620	534	350			
Goldman			Returns	6.88	5.74	4.55	4.11			
Sachs Global Core Fxd Inc	GSGLX	World Bond- USD Hedged	Peer Ranking	6	15	30	27		0.7	0.79
Instl			Total Funds per Category	108	91	59	38			
DIMCO		MULTICECTOR	Returns	3.84	3.63	5.49	7.03			
PIMCO Income Instl	PIMIX	MULTISECTOR BOND	Peer Ranking	35	36	12	1		7.7	1.09
			Total Funds per Category	330	292	248	133			
PGIM Total		Intermediate	Returns	5.86	5.54	5.22	4.97			
Return Bond Z	PDBZX	Core-Plus Bond	Peer Ranking	67	20	11	7		10.8	0.53
~			Total Funds per Category	605	537	459	341			

Category Average Gross Expense Ratio: 1.92%

Plan Category Average Returns

Morningstar Category Average Returns

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Your plan may have a Nationwide Administrative Fee, which, if reflected, would reduce the performance shown.

Individual fund performance is as of September 30, 2020. For more recent fund performance please see www.nrsforu.com.

Sector Funds

Asset Allocation - Balanced

Fund Name	Ticker	Morningstar Category		1 Year	3 Year	5 Year	10 Year	5 Year Risk/ Return vs. Category	Average Manager Tenure	Prospectus Gross Expense Ratio	Category Gross Expense Ratio
BlackRock			Returns	14.64	6.48	7.46	6.21				
Global Allocation	MALOX	WORLD ALLOCATION	Peer Ranking	3	6	8	25		2.9	0.85	1.44
Instl			Total Funds per Category	475	394	338	208				

Specialty

Fund Name	Ticker	Morningstar Category		1 Year	3 Year	5 Year	10 Year	5 Year Risk/ Return vs. Category	Average Manager Tenure	Prospectus Gross Expense Ratio	Category Gross Expense Ratio
TIAA-CREF			Returns	-5.93	6.89	8.10	10.07				
Real Estate Sec Instl	TIREX	REAL ESTATE	Peer Ranking	10	4	4	3		14.5	0.50	1.44
			Total Funds per Category	253	224	197	141				

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Your plan may have a Nationwide Administrative Fee, which, if reflected, would reduce the performance shown.

Individual fund performance is as of September 30, 2020. For more recent fund performance please see www.nrsforu.com.

Asset Allocation - Target Date

Fund Name	Ticker	Morningstar Category		1 Year	3 Year	5 Year	10 Year	5 Year Risk/ Return vs. Category	Average Manager Tenure	Prospectus Gross Expense Ratio
American			Returns	7.55	5.95	6.96	7.04			
Century One Choice 2020	ARBDX	TARGET DATE 2020	Peer Ranking	54	43	55	44		8.2	0.54
R6			Total Funds per Category	200	171	131	86			
American			Returns	8.07	6.20	7.40	7.49			
Century One Choice 2025	ARWDX	TARGET DATE 2025	Peer Ranking	53	49	74	57		8.5	0.56
R6			Total Funds per Category	218	186	146	89			
American			Returns	8.80	6.58	7.89	7.98			
Century One Choice 2030	ARCUX	TARGET DATE 2030	Peer Ranking	49	43	74	52		8.2	0.58
R6			Total Funds per Category	228	194	153	91			
American			Returns	9.51	6.92	8.39	8.51			
Century One Choice 2035	ARLDX	TARGET DATE 2035	Peer Ranking	39	37	75	45		8.5	0.60
R6			Total Funds per Category	211	183	143	86			
American			Returns	10.25	7.33	8.94	9.05			
Century One Choice 2040	ARDUX	TARGET DATE 2040	Peer Ranking	27	16	60	31		8.2	0.62
R6			Total Funds per Category	222	194	153	91			
American			Returns	11.00	7.71	9.52	9.49			
Century One Choice 2045	ARDOX	TARGET DATE 2045	Peer Ranking	20	11	48	19		8.5	0.63
R6			Total Funds per Category	211	183	143	85			
American			Returns	11.64	8.02	9.91	9.75			
Century One Choice 2050	ARFEX	TARGET DATE 2050	Peer Ranking	12	9	38	18		8.2	0.65
R6			Total Funds per Category	222	194	153	79			
American			Returns	11.88	8.08	10.10	-			
Century One Choice 2055	AREUX	TARGET DATE 2055	Peer Ranking	9	6	32	-		7.3	0.66
R6			Total Funds per Category	211	183	140	35			
American			Returns	11.87	8.09	10.15	-			
Century One Choice 2060	ARGDX	TARGET DATE 2060+	Peer Ranking	6	9	44	-		4.4	0.66
R6			Total Funds per Category	244	171	71	-			
American			Returns	7.59	5.89	6.74	6.65			
Century One Choice In Ret	ARDTX	TARGET DATE RETIREMENT	Peer Ranking	16	11	8	1		8.5	0.54
R6			Total Funds per Category	176	150	127	90			

CURRENT PERFORMANCE MAY BE LOWER OR HIGHER THAN THE PAST PERFORMANCE SHOWN, WHICH DOES NOT GUARANTEE FUTURE RESULTS.

For more complete detail on fund expenses, please consult the Expense Summary pages in this document. For information on the number of funds in each category, please consult the individual fund pages located at the back of this document.

Your plan may have a Nationwide Administrative Fee, which, if reflected, would reduce the performance shown.

Individual fund performance is as of September 30, 2020. For more recent fund performance please see www.nrsforu.com.

ANNUALIZED CREDITING RATES

NATIONWIDE FIXED FUND	2.09%
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Please note: Your plan may or may not include all types of instruments listed above.

Fixed Annuity: The investment objective of a fixed annuity is to provide a low-risk, reasonably high-yield investment. Fixed annuities are managed to earn a high level of return consistent with, and providing for, preservation of capital, high credit quality, liquidity to pay plan benefits, and reasonable tracking of interest rates. Safety, stability, and consistency while providing a competitive return are key attributes. General account asset values and rate guarantees are subject to the claims-paying ability of the issuing insurance company.

Money Market Funds: An investment in a money market fund is not insured or guaranteed by the FDIC or any other federal government agency. Although the fund seeks to preserve the value of your investment at \$1.00 per share, it is possible to lose money by investing in the fund.

Stable Value: The Stable Value Fund is managed to protect principal while providing the potential for higher rates of return than other conservative investments, such as money market funds. Stable Value funds are not FDIC insured and are not guaranteed.

PAST PERFORMANCE DOES NOT GUARANTEE FUTURE RESULTS. CURRENT PERFORMANCE MAY BE LOWER OR HIGHER.

Your plan may have a Nationwide Administrative Fee, which, if reflected, would reduce the performance shown.

The rates listed above do not reflect the Nationwide Administrative Fee.

Performance shown is as of September 30, 2020. For more recent fund performance please see www.nrsforu.com.

Expense Summary

For more information about the available investment options including all charges and expenses, please consult a fund prospectus. Fund prospectuses and additional information relating to your retirement plan can be obtained by contacting Nationwide at 1-877-677-3678 or visiting www.nrsforu.com. Before investing, carefully consider the fund's investment objectives, risks, charges and expenses. The fund prospectus contains this and other important information. Read the prospectus carefully before investing.

Prospectus Gross Expense Ratio represents the total gross expenses (net expenses with waivers added back in) divided by the fund's average net assets. It may not equal the net expense ratio. The gross expense ratio portrays the fund's expenses if the fund has not waived a portion, or all, of its fees. Some waivers have an expiration date; other waivers are in place indefinitely.

Prospectus Net Expense Ratio is the percentage of fund assets, net of reimbursements, used to pay for operating expenses and management fees, including 12b-1 fees, administrative fees, and all other asset-based costs incurred by the fund, except brokerage costs. Fund expenses are reflected in the fund's NAV. Sales charges are not included in the expense ratio. The expense ratio for fund of funds is the aggregate expense ratio as defined as the sum of the wrap or sponsor fees plus the estimated weighted average of the underlying fund fees.

Other expenses represents the difference between the Prospectus Net Expense Ratio and the sum of the Fund Management Fee and the 12b-1 Fee. This column may include expenses such as recordkeeping, custodial services, taxes, legal expenses, and accounting and auditing fees. If this number is negative, that is indicative of an expense waiver or reimbursement. For further information, please consult the Fund prospectus. Data is provided by Morningstar® unless otherwise noted. © Morningstar, Inc. All Rights reserved. The Morningstar information contained herein: (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied or distributed; and (3) is not warranted to be accurate, complete or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information.

Third-party information has been obtained and is based on sources Nationwide Funds Group deems to be reliable.

Expense Summary (continued)

CITY OF SACRAMENTO 457

As of September 30, 2020

INVESTMENT OPTION	Prospectus gross expense ratio	Fund management fee	12b-1 fee	Other expenses	Prospectus net expense ratio	Nationwide administrative fee	Total expense to participants
Balanced							
BlackRock Global Allocation Instl	0.85%	0.75%	0.00%	0.05%	0.80%	0.03%	0.83%
Global Equity: Emerging Markets							
Invesco Developing Mkts R6	0.83%	0.75%	0.00%	0.08%	0.83%	0.03%	0.86%
High Yield							
Columbia High Yield Bond Inst2	0.72%	0.63%	0.00%	0.06%	0.69%	0.03%	0.72%
Intermediate Investment Grade							
PGIM Total Return Bond Z	0.53%	0.39%	0.00%	0.10%	0.49%	0.03%	0.52%
International Large Core							
iShares MSCI EAFE Intl Idx Instl	0.08%	0.01%	0.00%	0.07%	0.08%	0.03%	0.11%
Nationwide Bailard Intl Eqs R6	0.92%	0.75%	0.00%	0.17%	0.92%	0.03%	0.95%
International Large Growth							
Invesco Oppenheimer International Gr R6	0.69%	0.64%	0.00%	0.05%	0.69%	0.03%	0.72%
Large Cap Core							
Vanguard 500 Index Admiral	0.04%	0.03%	0.00%	0.01%	0.04%	0.03%	0.07%
Large Cap Growth							
Fidelity [®] Contrafund [®] K6	0.45%	0.45%	0.00%	0.00%	0.45%	0.03%	0.48%
Goldman Sachs Large Cap Gr Insghts Instl	0.57%	0.49%	0.00%	0.04%	0.53%	0.03%	0.56%
Large Cap Value							
MFS Value R6	0.47%	0.46%	0.00%	0.01%	0.47%	0.03%	0.50%
Mid Cap Core							
Vanguard Mid Cap Index Admiral	0.05%	0.04%	0.00%	0.01%	0.05%	0.03%	0.08%
Mid Cap Growth							
MFS Mid Cap Growth R6	0.74%	0.69%	0.00%	0.05%	0.74%	0.03%	0.77%
Mid Cap Value							
American Century Mid Cap Value R6	0.63%	0.62%	0.00%	0.01%	0.63%	0.03%	0.66%

Source: Morningstar, Inc. and Nationwide

Expense Summary (continued)

CITY OF SACRAMENTO 457

As of September 30, 2020

INVESTMENT OPTION	Prospectus gross expense ratio	Fund management fee	12b-1 fee	Other expenses	Prospectus net expense ratio	Nationwide administrative fee	Total expense to participants
Small Cap Core							
JPMorgan Small Cap Equity R5	0.86%	0.65%	0.00%	0.15%	0.80%	0.03%	0.83%
Small Cap Growth							
Invesco Discovery R6	0.66%	0.62%	0.00%	0.04%	0.66%	0.03%	0.69%
Small Cap Value							
Vanguard Small Cap Value Index I	0.06%	0.05%	0.00%	0.01%	0.06%	0.03%	0.09%
Multi-Sector Bond							
PIMCO Income Instl	1.09%	0.50%	0.00%	0.59%	1.09%	0.03%	1.12%
Specialty							
TIAA-CREF Real Estate Sec Instl	0.50%	0.48%	0.00%	0.02%	0.50%	0.03%	0.53%
Specialty Fixed Income: World							
Goldman Sachs Global Core Fxd Inc Instl	0.79%	0.65%	0.00%	0.04%	0.69%	0.03%	0.72%
Target Date							
American Century One Choice 2020 R6	0.54%	0.51%	0.00%	-0.09%	0.42%	0.03%	0.45%
American Century One Choice 2025 R6	0.56%	0.53%	0.00%	-0.09%	0.44%	0.03%	0.47%
American Century One Choice 2030 R6	0.58%	0.55%	0.00%	-0.09%	0.46%	0.03%	0.49%
American Century One Choice 2035 R6	0.60%	0.58%	0.00%	-0.09%	0.49%	0.03%	0.52%
American Century One Choice 2040 R6	0.62%	0.59%	0.00%	-0.08%	0.51%	0.03%	0.54%
American Century One Choice 2045 R6	0.63%	0.60%	0.00%	-0.06%	0.54%	0.03%	0.57%
American Century One Choice 2050 R6	0.65%	0.62%	0.00%	-0.06%	0.56%	0.03%	0.59%
American Century One Choice 2055 R6	0.66%	0.63%	0.00%	-0.07%	0.56%	0.03%	0.59%
American Century One Choice 2060 R6	0.66%	0.63%	0.00%	-0.07%	0.56%	0.03%	0.59%
American Century One Choice In Ret R6	0.54%	0.51%	0.00%	-0.09%	0.42%	0.03%	0.45%
Cash							
NATIONWIDE FIXED FUND	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%	0.03%

Source: Morningstar, Inc. and Nationwide

CITY OF SACRAMENTO 457 As of September 30, 2020

Fund Name	Waiver	Waiver Type	Waiver Expiration Date
BlackRock Global Allocation Instl	0.05%	Contractual	11/18/2020
Columbia High Yield Bond Inst2	0.03%	Contractual	9/30/2021
PGIM Total Return Bond Z	0.04%	Contractual	2/28/2021
JPMorgan Small Cap Equity R5	0.06%	Contractual	10/31/2020
Goldman Sachs Global Core Fxd Inc Instl	0.10%	Contractual	11/23/2020

Source: Morningstar, Inc. and Nationwide

Individual Fund Profiles

American Century One Choice 2020 R6

Investment Strategy Summary

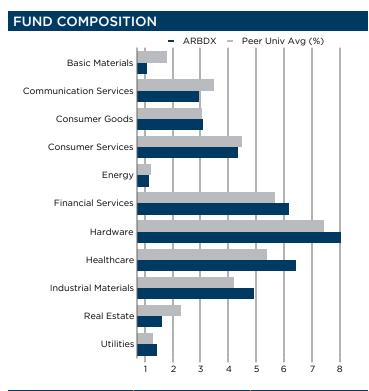
The investment seeks the highest total return consistent with its asset mix. The fund is a "fund of funds," meaning that it seeks to achieve its objective by investing in other American Century mutual funds (the underlying funds) that represent a variety of asset classes and investment styles. The target date in the fund name (2020) refers to the approximate year an investor plans to retire and likely would stop making new investments in the fund.

FUND INFOR	RMATION			TRAILING PERFOR	MANCE						
Fund		ARBDX							_		
Inception Date		7/31/2013			7						
Fund Family		American Century	Asset Alloc Port Inc		6		-				
Fund Subadviser					5				-		
Portfolio Manager	r(s)	Scott Wilson, Rich Gabudean	ard Weiss, Radu		4						
Manager tenure (a	average)	8.2 years			3						
Morningstar Categ	gory	Target-Date 2020									
Benchmark Index			020 - Gross Return -		QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
Denemanan		USD		ARBDX	4.19	3.71	7.55	5.95	6.96	7.04	5.66
MORNINGST	AR RATING 8	FUNDS PER C	ATEGORY	Benchmark	3.74	2.67	6.98	5.77	7.32	7.20	5.16
Overall	3 YRS	5 YRS	10 YRS	Category Avg	3.80	2.89	6.90	5.49	6.75	6.28	6.45
***	***	***		Category Percentile	-	-	54	43	55	44	-
	171	131	86	Category Rank	_	-	108/200	74/171	72/131	38/86	-

CALENDAR YEAR PERFO	CALENDAR YEAR PERFORMANCE (%)									
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
ARBDX	16.45	-3.97	11.12	6.40	-1.30	7.10	12.78	11.59	2.71	12.05
Benchmark	16.52	-4.16	12.80	7.22	-0.19	5.67	14.76	11.48	0.58	12.93
Morningstar Category Avg	16.18	-4.59	12.19	6.24	-1.60	4.72	11.59	11.53	-0.23	12.45
Morningstar Category Percentile	50	30	82	46	42	1	53	54	7	59
Morningstar Category Rank	116/233	75/250	192/234	102/221	100/237	2/228	118/222	-	-	-

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

American Century One Choice 2020 R6 (continued)



FUND STATISTICS	ARBDX	Peer Univ Avg
Total number of Holdings	21	27
Total Assets (\$M)	251	2,671
P/E (12mo. trailing)	20.9	20.1
Price/Book	2.4	2.1
Market Cap (\$M)	59,829	55,253
Turnover (%) (most recent avail)	24	36
Earnings Growth Rate (12mo. trailing)	8%	17%

TOP HOLDINGS	ARBDX
American Century NT Diversified Bond G	21.52
American Century NT Large Co Val G	8.57
American Century Global Bond G	8.37
American Century Short Dur Infl ProBd G	7.54
American Century Sustainable Equity G	6.52
American Century NT Intl Val G	4.42
American Century NT Growth G	3.90
American Century NT International Gr G	3.86
American Century NT Mid Cap Value G	3.82
American Century NT High Income G	3.60
% of portfolio in Top 10	72.13

RISK STATISTICS		3 YRS	5		5 YRS		
	FUND	BENCH	CAT	FUND	BENCH	CAT	
Alpha	0.02	-	-0.00	-0.01	-	-0.02	
Beta	0.98	-	0.96	0.96	-	0.95	
R-Squared	99.35	-	99.17	99.14	-	98.96	
Sharpe Ratio	0.51	0.48	0.46	0.80	0.82	0.78	
Information Ratio	0.26	-	-0.33	-0.49	-	-0.70	
Standard Deviation	8.51	8.67	8.35	7.28	7.52	7.21	
Up Capture	98.02	-	93.00	93.70	-	91.64	
Down Capture	95.96	-	94.35	96.07	-	95.89	



American Century One Choice 2025 R6

Investment Strategy Summary

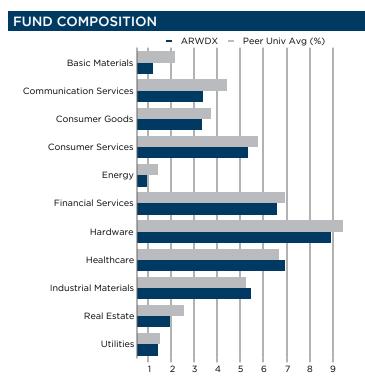
The investment seeks the highest total return consistent with its asset mix. The fund is a "fund of funds," meaning that it seeks to achieve its objective by investing in other American Century mutual funds (the underlying funds) that represent a variety of asset classes and investment styles. The target date in the fund name (2025) refers to the approximate year an investor plans to retire and likely would stop making new investments in the fund.

FUND INFOR	RMATION			TRAILING PERFOR	MANCE						
Fund		ARWDX			8				_		
Inception Date		7/31/2013			7						
Fund Family		American Century	Asset Alloc Port Inc		6						
Fund Subadviser					5						
Portfolio Manager	r(s)	Scott Wilson, Rich Gabudean	ard Weiss, Radu		4						
Manager tenure (a	average)	8.5 years			2						
Morningstar Cates	gory	Target-Date 2025									
Benchmark Index			025 - Gross Return -		QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
		USD		• ARWDX	4.61	3.66	8.07	6.20	7.40	7.49	6.77
MORNINGST	AR RATING 8	FUNDS PER C	ATEGORY	Benchmark	4.39	2.03	7.10	5.97	7.86	7.73	5.35
	3 YRS	5 YRS	10 YRS	Category Avg	4.52	2.75	7.63	5.96	7.61	7.17	6.02
Overall							F 7	40			
Overall ***	***	***		Category Percentile	-	-	53	49	74	57	-

CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
ARWDX	17.77	-4.63	12.56	6.48	-1.18	7.42	14.23	12.36	1.97	12.91
Benchmark	18.38	-5.02	14.55	7.82	-0.25	5.56	17.03	12.51	-0.28	13.82
Morningstar Category Avg	18.28	-5.40	14.59	6.75	-1.59	5.06	15.26	13.09	-1.84	13.40
Morningstar Category Percentile	69	26	87	66	35	1	75	68	1	67
Morningstar Category Rank	160/232	59/226	181/208	129/195	72/206	2/185	136/181	-	-	-

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

American Century One Choice 2025 R6 (continued)



FUND STATISTICS	ARWDX	Peer Univ Avg
Total number of Holdings	24	27
Total Assets (\$M)	@NA	3,537
P/E (12mo. trailing)	21.2	20.4
Price/Book	2.5	2.1
Market Cap (\$M)	57,822	57,156
Turnover (%) (most recent avail)	26	36
Earnings Growth Rate (12mo. trailing)	8%	17%

TOP HOLDINGS	ARWDX
American Century NT Diversified Bond G	20.46
American Century NT Large Co Val G	8.77
American Century Global Bond G	7.91
American Century Sustainable Equity G	6.81
American Century Short Dur Infl ProBd G	5.07
American Century NT Growth G	4.44
American Century NT Mid Cap Value G	4.41
American Century NT Intl Val G	4.28
American Century NT International Gr G	4.24
American Century Inflation-Adjs Bond G	4.19
% of portfolio in Top 10	70.59

RISK STATISTICS		3 YRS	5	5 YRS		
	FUND	BENCH	CAT	FUND	BENCH	CAT
Alpha	0.06	-	0.02	0.02	-	-0.00
Beta	0.92	-	0.96	0.91	-	0.97
R-Squared	99.32	-	99.41	99.10	-	99.25
Sharpe Ratio	0.48	0.42	0.44	0.78	0.76	0.75
Information Ratio	0.20	-	-0.01	-0.42	-	-0.31
Standard Deviation	9.41	10.24	9.90	8.04	8.80	8.57
Up Capture	90.91	-	94.53	87.47	-	95.03
Down Capture	88.56	-	94.33	89.68	-	96.73



American Century One Choice 2030 R6

Investment Strategy Summary

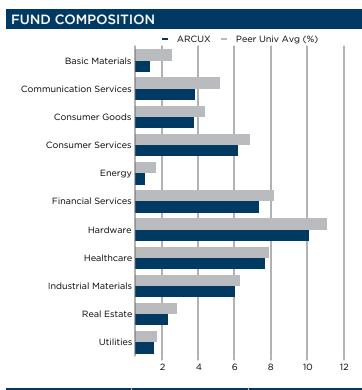
The investment seeks the highest total return consistent with its asset mix. The fund is a "fund of funds," meaning that it seeks to achieve its objective by investing in other American Century mutual funds (the underlying funds) that represent a variety of asset classes and investment styles. The target date in the fund name (2030) refers to the approximate year an investor plans to retire and likely would stop making new investments in the fund.

FUND INFOR	RMATION			TRAILING PERFORM	MANCE						
Fund		ARCUX			9						1
Inception Date		7/31/2013			8						
Fund Family		American Century	Asset Alloc Port Inc		7						
Fund Subadviser					6 5						
Portfolio Manager	r(s)	Scott Wilson, Rich Gabudean	ard Weiss, Radu		4						
Manager tenure (a	average)	8.2 years			2						
Manager tenure (a Morningstar Categ		8.2 years Target-Date 2030			1						
	gory	Target-Date 2030 S&P Target Date 20	030 - Gross Return -		QTR	YTD	1 YR	3 YR	5 YR	10 YR	
Morningstar Cates	gory	Target-Date 2030	030 - Gross Return -	● ARCUX	2	YTD 4.01			5 YR 7.89		INCEPT 6.06
Morningstar Categ Benchmark Index	gory	Target-Date 2030 S&P Target Date 20		ARCUX Benchmark			1 YR	3 YR		10 YR	INCEPT
Morningstar Categ Benchmark Index	gory	Target-Date 2030 S&P Target Date 20 USD			5.21	4.01	1 YR 8.80	3 YR 6.58	7.89	10 YR 7.98	INCEPT 6.06
Morningstar Catego Benchmark Index	gory	Target-Date 2030 S&P Target Date 20 USD FUNDS PER C	ATEGORY	Benchmark	5.21	4.01 1.26	1 YR 8.80 7.14	3 YR 6.58 6.10	7.89 8.32	10 YR 7.98 8.18	INCEPT 6.06 5.47

CALENDAR YEAR PERFO	CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	
ARCUX	18.99	-5.14	13.74	6.74	-1.18	7.74	16.00	13.13	1.24	13.63	
Benchmark	20.38	-5.99	16.19	8.35	-0.30	5.64	19.14	13.43	-1.17	14.52	
Morningstar Category Avg	20.08	-6.33	16.38	7.34	-1.81	5.06	16.62	13.36	-2.28	13.42	
Morningstar Category Percentile	78	25	91	69	35	1	70	65	6	50	
Morningstar Category Rank	188/241	60/239	213/234	152/221	83/237	2/228	155/222	-	-	-	

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American Century One Choice 2030 R6 (continued)



FUND STATISTICS	ARCUX	Peer Univ Avg
Total number of Holdings	26	26
Total Assets (\$M)	515	3,898
P/E (12mo. trailing)	21.3	20.4
Price/Book	2.5	2.1
Market Cap (\$M)	54,157	53,755
Turnover (%) (most recent avail)	27	34
Earnings Growth Rate (12mo. trailing)	7%	17%

TOP HOLDINGS	ARCUX
American Century NT Diversified Bond G	19.02
American Century NT Large Co Val G	9.06
American Century Global Bond G	7.35
American Century Sustainable Equity G	7.10
American Century NT Mid Cap Value G	5.07
American Century NT Growth G	4.96
American Century Inflation-Adjs Bond G	4.70
American Century NT International Gr G	4.68
American Century NT High Income G	4.22
American Century NT Intl Val G	4.02
% of portfolio in Top 10	70.18

RISK STATISTICS		3 YRS	5	5 YRS			
	FUND	BENCH	CAT	FUND	BENCH	CAT	
Alpha	0.10	-	0.03	0.05	-	0.01	
Beta	0.87	-	0.95	0.87	-	0.96	
R-Squared	98.93	-	99.52	98.77	-	99.31	
Sharpe Ratio	0.47	0.37	0.40	0.76	0.71	0.72	
Information Ratio	0.25	-	0.14	-0.26	-	-0.13	
Standard Deviation	10.41	11.90	11.38	8.86	10.13	9.80	
Up Capture	86.07	-	94.39	83.06	-	95.17	
Down Capture	83.54	-	93.95	85.35	-	96.10	



American Century One Choice 2035 R6

Investment Strategy Summary

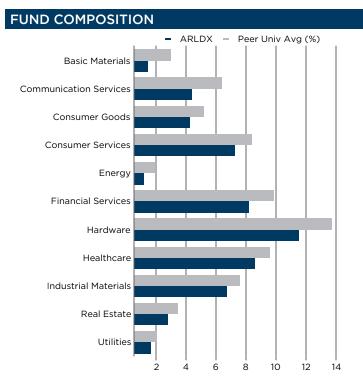
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FUND INFOR	MATION			TRAILING PERFOR	MANCE						
Fund		ARLDX			10						
Inception Date		7/31/2013			9						
Fund Family		American Centur	y Asset Alloc Port Inc		° 7						
Fund Subadviser					6						
Portfolio Manager((s)	Scott Wilson, Ricl Gabudean	hard Weiss, Radu		4						
					1						
Manager tenure (a	verage)	8.5 years									
Manager tenure (a Morningstar Categ		8.5 years Target-Date 2035	5								
		Target-Date 2035 S&P Target Date 2	5 2035 - Gross Return -		QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEF
Morningstar Categ		Target-Date 2035		• ARLDX	QTR 5.73	YTD 4.21	1 YR 9.51	3 YR 6.92	5 YR 8.39		
Morningstar Categ Benchmark Index	ory	Target-Date 2035 S&P Target Date 2	2035 - Gross Return -	 ARLDX Benchmark 						10 YR	INCE
Morningstar Categ Benchmark Index	ory	Target-Date 2035 S&P Target Date 2 USD	2035 - Gross Return -		5.73	4.21	9.51	6.92	8.39	10 YR 8.51	INCE 7.4
Morningstar Categ Benchmark Index MORNINGST	ory AR RATING &	Target-Date 2035 S&P Target Date 2 USD	2035 - Gross Return -	Benchmark	5.73	4.21 0.53	9.51 7.17	6.92 6.19	8.39 8.74	10 YR 8.51 8.58	INCE 7.4 5.5

CALENDAR YEAR PERFO	CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	
ARLDX	20.37	-5.79	14.92	6.95	-0.91	7.99	18.17	13.84	0.57	14.60	
Benchmark	22.18	-6.88	17.78	8.85	-0.35	5.69	20.84	14.12	-1.71	15.02	
Morningstar Category Avg	22.03	-7.06	18.45	7.58	-1.74	5.20	19.97	14.69	-3.31	14.42	
Morningstar Category Percentile	86	13	95	72	27	2	83	73	1	46	
Morningstar Category Rank	197/229	29/221	198/208	140/195	55/205	4/185	150/181	-	-	-	

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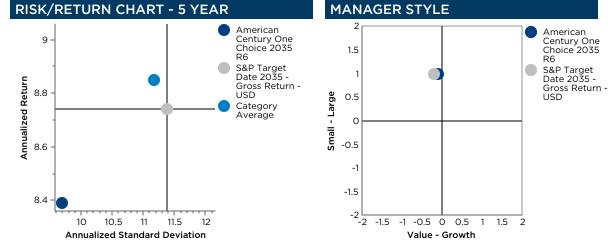
American Century One Choice 2035 R6 (continued)



FUND STATISTICS	ARLDX	Peer Univ Avg
Total number of Holdings	26	22
Total Assets (\$M)	488	3,276
P/E (12mo. trailing)	21.5	20.5
Price/Book	2.4	2.1
Market Cap (\$M)	50,907	54,529
Turnover (%) (most recent avail)	27	31
Earnings Growth Rate (12mo. trailing)	6%	17%

TOP HOLDINGS	ARLDX
American Century NT Diversified Bond G	16.94
American Century NT Large Co Val G	9.53
American Century Sustainable Equity G	7.41
American Century Global Bond G	6.58
American Century NT Mid Cap Value G	5.77
American Century NT Growth G	5.53
American Century NT International Gr G	5.15
American Century NT High Income G	4.03
American Century NT Equity Growth G	4.03
American Century Inflation-Adjs Bond G	4.01
% of portfolio in Top 10	68.99

RISK STATISTICS		3 YRS	5		5 YRS	;
	FUND	BENCH	CAT	FUND	BENCH	CAT
Alpha	0.13	-	0.04	0.07	-	0.02
Beta	0.84	-	0.96	0.85	-	0.98
R-Squared	98.93	-	99.64	98.77	-	99.36
Sharpe Ratio	0.46	0.34	0.37	0.75	0.67	0.69
Information Ratio	0.30	-	0.36	-0.17	-	0.12
Standard Deviation	11.38	13.47	13.01	9.69	11.39	11.18
Up Capture	83.67	-	95.94	81.21	-	97.83
Down Capture	81.62	-	94.93	84.08	-	97.37



American Century One Choice 2040 R6

Investment Strategy Summary

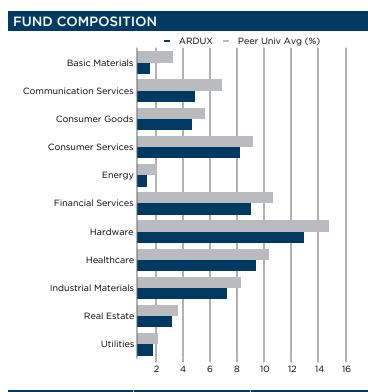
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FUND INFOR	RMATION			TRAILING PERFORM	MANCE						
Fund		ARDUX			10						
Inception Date		7/31/2013									
Fund Family		American Century	Asset Alloc Port Inc		8						
Fund Subadviser					6						
Portfolio Manager	r(s)	Scott Wilson, Rich Gabudean	ard Weiss, Radu		4						
Manager tenure (a	average)	8.2 years									
Manager tenure (a Morningstar Cate		8.2 years Target-Date 2040			0						
Morningstar Cate	gory	Target-Date 2040 S&P Target Date 2	040 - Gross Return		0 QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
	gory	Target-Date 2040	040 - Gross Return	• ARDUX	0 QTR 6.34	YTD 4.34	1 YR 10.25	3 YR 7.33	5 YR 8.94	10 YR 9.05	INCEPT. 6.71
Morningstar Cate	gory	Target-Date 2040 S&P Target Date 2		ARDUX Benchmark							
Morningstar Cate	gory	Target-Date 2040 S&P Target Date 2 - USD			6.34	4.34	10.25	7.33	8.94	9.05	6.71
Morningstar Cater Benchmark Index	gory AR RATING &	Target-Date 2040 S&P Target Date 2 - USD FUNDS PER C	ATEGORY	Benchmark	6.34 6.14	4.34 0.00	10.25 7.16	7.33 6.26	8.94 9.04	9.05 8.85	6.71 5.67

CALENDAR YEAR PERFO	CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	
ARDUX	21.71	-6.19	16.29	7.23	-1.06	8.50	19.96	14.73	-0.07	15.36	
Benchmark	23.37	-7.41	18.87	9.23	-0.40	5.69	22.10	14.69	-2.17	15.38	
Morningstar Category Avg	23.16	-7.78	19.30	7.96	-1.98	5.29	19.92	14.35	-3.51	14.28	
Morningstar Category Percentile	82	9	96	68	29	2	70	57	8	30	
Morningstar Category Rank	198/241	22/239	225/234	150/221	69/237	5/227	153/218	-	-	-	

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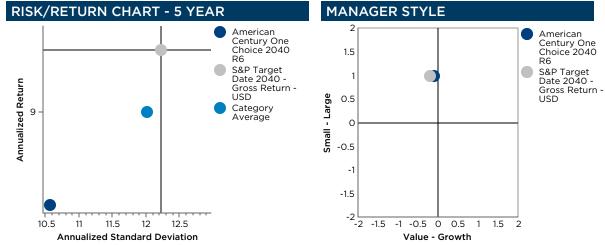
American Century One Choice 2040 R6 (continued)



FUND STATISTICS	ARDUX	Peer Univ Avg
Total number of Holdings	25	21
Total Assets (\$M)	404	2,998
P/E (12mo. trailing)	21.7	20.4
Price/Book	2.4	2.1
Market Cap (\$M)	48,456	52,230
Turnover (%) (most recent avail)	28	30
Earnings Growth Rate (12mo. trailing)	6%	17%

TOP HOLDINGS	ARDUX
American Century NT Diversified Bond G	14.59
American Century NT Large Co Val G	10.01
American Century Sustainable Equity G	7.68
American Century NT Mid Cap Value G	6.27
American Century NT Growth G	6.03
American Century Global Bond G	5.74
American Century NT International Gr G	5.50
American Century NT Heritage G	5.08
American Century NT Emerging Markets G	4.65
American Century NT Equity Growth G	4.12
% of portfolio in Top 10	69.68

RISK STATISTICS		3 YRS	5	5 YRS			
	FUND	BENCH	CAT	FUND	BENCH	CAT	
Alpha	0.15	-	0.03	0.09	-	0.01	
Beta	0.85	-	0.97	0.86	-	0.98	
R-Squared	98.83	-	99.70	98.66	-	99.48	
Sharpe Ratio	0.46	0.32	0.34	0.74	0.64	0.65	
Information Ratio	0.42	-	0.23	-0.04	-	-0.04	
Standard Deviation	12.42	14.51	14.09	10.57	12.23	12.02	
Up Capture	85.05	-	96.21	82.94	-	97.39	
Down Capture	82.48	-	96.12	85.13	-	98.07	



American Century One Choice 2045 R6

Investment Strategy Summary

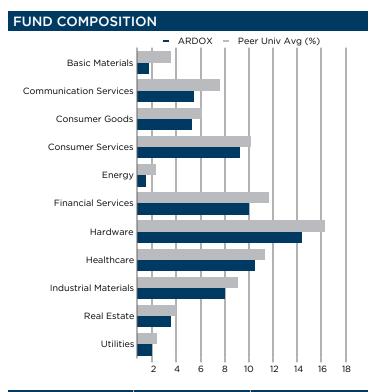
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FUND INFOR	MATION			TRAILING PERFOR	MANCE						
Fund		ARDOX			12						
Inception Date		7/31/2013			10		-				
Fund Family		American Century	Asset Alloc Port Inc		8						
Fund Subadviser					6						
Portfolio Manager((s)	Scott Wilson, Rich Gabudean	ard Weiss, Radu		4 2						
Manager tenure (a	verage)	8.5 years			0						
Morningstar Categ	ory	Target-Date 2045				1	1				1
Benchmark Index			045 - Gross Return -		QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
		USD		ARDOX	6.92	4.54	11.00	7.71	9.52	9.49	7.95
MORNINGST	AR RATING &	FUNDS PER C	ATEGORY	Benchmark	6.44	-0.32	7.14	6.26	9.23	9.03	6.81
Overall	3 YRS	5 YRS	10 YRS	Category Avg	6.84	1.16	8.77	6.62	9.33	8.67	7.05
****	****	****		Category Percentile	-	-	20	11	48	19	-
	183	143	85	Category Rank	-	-	42/211	20/183	69/143	16/85	-

CALENDAR YEAR PERFO	CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	
ARDOX	23.16	-6.86	17.85	7.62	-1.14	8.91	21.23	15.32	-0.58	15.62	
Benchmark	24.02	-7.74	19.56	9.54	-0.46	5.67	23.14	15.15	-2.56	15.62	
Morningstar Category Avg	24.32	-8.13	20.42	7.96	-1.81	5.34	22.01	15.52	-4.10	14.83	
Morningstar Category Percentile	75	15	96	64	32	1	73	57	2	28	
Morningstar Category Rank	172/229	33/221	200/208	125/195	66/206	2/185	131/180	-	-	-	

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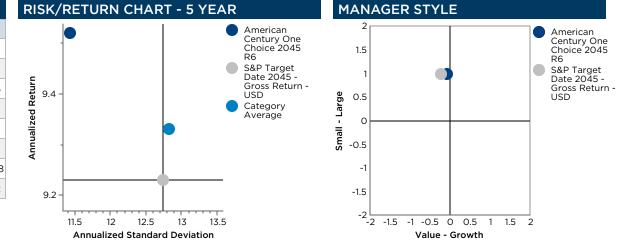
American Century One Choice 2045 R6 (continued)



FUND STATISTICS	ARDOX	Peer Univ Avg
Total number of Holdings	24	20
Total Assets (\$M)	385	2,263
P/E (12mo. trailing)	21.8	20.5
Price/Book	2.4	2.1
Market Cap (\$M)	48,079	53,557
Turnover (%) (most recent avail)	30	30
Earnings Growth Rate (12mo. trailing)	6%	17%

TOP HOLDINGS	ARDOX
American Century NT Diversified Bond G	12.24
American Century NT Large Co Val G	10.96
American Century Sustainable Equity G	8.50
American Century NT Mid Cap Value G	6.84
American Century NT Growth G	6.71
American Century NT International Gr G	6.06
American Century NT Heritage G	5.78
American Century NT Emerging Markets G	5.39
American Century Global Bond G	4.75
American Century NT Equity Growth G	4.64
% of portfolio in Top 10	71.89

RISK STATISTICS		3 YR	5		5 YRS	5
	FUND	BENCH	CAT	FUND	BENCH	CAT
Alpha	0.16	-	0.03	0.10	-	0.01
Beta	0.88	-	0.99	0.89	-	1.00
R-Squared	98.83	-	99.74	98.65	-	99.54
Sharpe Ratio	0.45	0.31	0.33	0.73	0.63	0.64
Information Ratio	0.64	-	0.46	0.15	-	0.12
Standard Deviation	13.42	15.10	15.04	11.43	12.74	12.82
Up Capture	89.59	-	99.56	87.73	-	100.48
Down Capture	85.41	-	98.17	87.97	-	99.82



American Century One Choice 2050 R6

Investment Strategy Summary

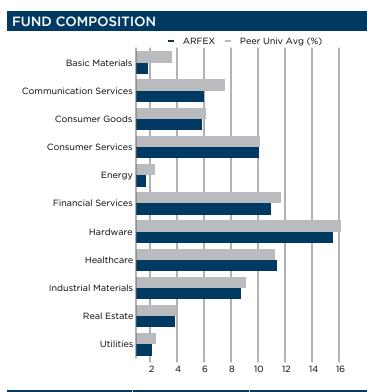
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FUND INFOR				TRAILING PERFORM	1ANCE						
Fund		ARFEX			12						
Inception Date		7/31/2013		1	10						
Fund Family		American Century	/ Asset Alloc Port Inc		8				_		
Fund Subadviser					6	_			-		
Portfolio Manager	(s)	Scott Wilson, Rich Gabudean	nard Weiss, Radu		4						
Manager tenure (a	average)	8.2 years			0						
Morningstar Cates	gory	Target-Date 2050			-2	1	11				1
Benchmark Index			2050 - Gross Return		QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
		- USD		• ARFEX	7.52	4.69	11.64	8.02	9.91	9.75	6.98
MORNINGST	AR RATING &	FUNDS PER C	CATEGORY	Benchmark	6.53	-0.47	7.14	6.27	9.41	9.18	6.61
Overall	3 YRS	5 YRS	10 YRS	Category Avg	6.96	0.95	8.63	6.52	9.28	8.45	6.16
****	****	****		Category Percentile	-	-	12	9	38	18	-
	194	153	79	Category Rank	-	-	27/222	17/194	58/153	14/79	-

CALENDAR YEAR PERFO	CALENDAR YEAR PERFORMANCE (%)												
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010			
ARFEX	24.38	-7.35	18.93	7.76	-1.28	8.94	21.95	15.50	-0.77	15.91			
Benchmark	24.35	-7.94	20.18	9.74	-0.47	5.69	24.13	15.49	-2.87	15.62			
Morningstar Category Avg	24.51	-8.44	20.40	8.24	-1.97	5.42	20.98	14.76	-3.85	14.48			
Morningstar Category Percentile	61	17	88	60	37	2	64	48	7	20			
Morningstar Category Rank	147/241	41/239	202/230	128/213	84/226	4/212	129/202	-	-	-			

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

American Century One Choice 2050 R6 (continued)



FUND STATISTICS	ARFEX	Peer Univ Avg
Total number of Holdings	24	19
Total Assets (\$M)	314	1,857
P/E (12mo. trailing)	21.8	20.4
Price/Book	2.4	2.1
Market Cap (\$M)	47,344	52,181
Turnover (%) (most recent avail)	34	29
Earnings Growth Rate (12mo. trailing)	6%	17%

TOP HOLDINGS	ARFEX
American Century NT Large Co Val G	11.99
American Century NT Diversified Bond G	10.21
American Century Sustainable Equity G	9.19
American Century NT Mid Cap Value G	7.49
American Century NT Growth G	7.35
American Century NT International Gr G	6.63
American Century NT Heritage G	6.31
American Century NT Emerging Markets G	5.88
American Century NT Equity Growth G	4.99
American Century Focused Dynamic Gr G	4.62
% of portfolio in Top 10	74.67

RISK STATISTICS	3 YRS			5 YRS		
	FUND	BENCH	CAT	FUND	BENCH	CAT
Alpha	0.17	-	0.02	0.09	-	-0.00
Beta	0.93	-	0.99	0.93	-	0.99
R-Squared	98.93	-	99.72	98.76	-	99.55
harpe Ratio	0.44	0.30	0.32	0.72	0.63	0.63
formation Ratio	0.95	-	0.30	0.31	-	-0.15
tandard Deviation	14.43	15.42	15.28	12.22	13.05	12.96
Jp Capture	95.93	-	98.44	92.82	-	97.70
Down Capture	89.69	-	97.85	91.53	-	98.93



American Century One Choice 2055 R6

Investment Strategy Summary

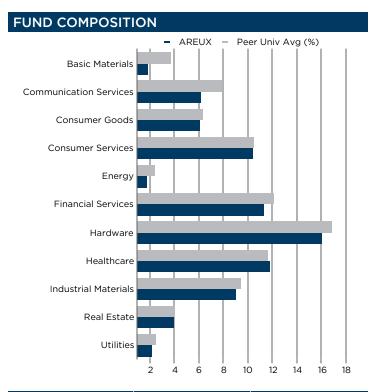
The investment seeks the highest total return consistent with its asset mix. The fund is a "fund of funds," meaning that it seeks to achieve its objective by investing in other American Century mutual funds (the underlying funds) that represent a variety of asset classes and investment styles. The target date in the fund name (2055) refers to the approximate year an investor plans to retire and likely would stop making new investments in the fund.

FUND INFOR	RMATION			TRAILING PERFORM	1ANCE						
Fund		AREUX			12						
Inception Date		7/31/2013			10						
Fund Family		American Century	Asset Alloc Port Inc		8				_		
Fund Subadviser					6						
Portfolio Manager	(s)	Scott Wilson, Rich Gabudean	ard Weiss, Radu		4						
Manager tenure (a	iverage)	7.3 years			0						
Morningstar Categ	jory	Target-Date 2055			-2	1			<u> </u>		1
Benchmark Index			055 - Gross Return -		QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
		USD		• AREUX	7.75	4.76	11.88	8.08	10.10	-	8.92
MORNINGST	AR RATING &	FUNDS PER C	ATEGORY	Benchmark	6.62	-0.61	7.07	6.26	9.50	9.31	10.64
Overall	3 YRS	5 YRS	10 YRS	Category Avg	7.11	0.94	8.83	6.64	9.45	8.80	6.32
****	****	****		Category Percentile	-	-	9	6	32	-	-
	183	140	35	Category Rank	-	-	19/211	11/183	45/140	-	-

CALENDAR YEAR PERFORMANCE (%)											
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	
AREUX	24.85	-7.66	19.36	7.96	-1.28	9.21	22.51	15.63	-	-	
Benchmark	24.48	-7.97	20.48	9.94	-0.54	5.64	24.96	15.81	-2.87	15.62	
Morningstar Category Avg	24.90	-8.43	20.99	8.00	-1.62	5.52	23.34	15.25	-4.08	14.43	
Morningstar Category Percentile	55	24	86	57	38	1	71	49	-	-	
Morningstar Category Rank	126/229	53/221	177/206	110/193	90/238	2/156	92/130	-	-	-	

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American Century One Choice 2055 R6 (continued)



FUND STATISTICS	AREUX	Peer Univ Avg
Total number of Holdings	21	20
Total Assets (\$M)	207	1,048
P/E (12mo. trailing)	21.8	20.5
Price/Book	2.4	2.1
Market Cap (\$M)	47,336	53,601
Turnover (%) (most recent avail)	40	30
Earnings Growth Rate (12mo. trailing)	6%	17%

TOP HOLDINGS	AREUX
American Century NT Large Co Val G	12.41
American Century Sustainable Equity G	9.59
American Century NT Diversified Bond G	8.91
American Century NT Mid Cap Value G	7.79
American Century NT Growth G	7.63
American Century NT International Gr G	6.86
American Century NT Heritage G	6.53
American Century NT Emerging Markets G	6.00
American Century NT Equity Growth G	5.12
American Century Focused Dynamic Gr G	5.12
% of portfolio in Top 10	75.96

RISK STATISTICS		3 YR	5		5 YR	5	RISK/RETURN CHART - 5 YEAR	MANAGER STYLE
	FUND	BENCH	CAT	FUND	BENCH	CAT	American	2 American
Alpha	0.17	-	0.03	0.09	-	-0.00	10 - Century C Choice 20 R6	55 1.5 Choice 2055
Beta	0.94	-	1.00	0.94	-	1.00	- S&P Targe Date 2055	
R-Squared	98.92	-	99.74	98.75	-	99.58	9.8 – Gross Reti	
Sharpe Ratio	0.44	0.30	0.32	0.71	0.63	0.63	Č Cotomeru	
Information Ratio	1.03	-	0.48	0.37	-	-0.06	9.6 -	
Standard Deviation	14.77	15.56	15.58	12.51	13.20	13.23	9.4 -	5 -0.5
Up Capture	97.79	-	100.05	94.55	-	98.96	. 5.4	-1
Down Capture	90.97	-	98.50	92.59	-	99.50	9.2 -	-1.5
								-2
							12.5 13 13.5 Annualized Standard Deviation	-2 -1.5 -1 -0.5 0 0.5 1 1.5 2 Value - Growth

Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

American Century One Choice 2060 R6

Investment Strategy Summarv

The investment seeks the highest total return consistent with its asset mix. The fund is a "fund of funds," meaning that it seeks to achieve its objective by investing in other American Century mutual funds (the underlying funds) that represent a variety of asset classes and investment styles. The underlying stock funds draw on growth, value and guantitative investment techniques and diversify investments among small, medium and large U.S. and foreign companies. The underlying bond funds invest in fixed-income securities that vary by issuer type (corporate and government), credit quality and geographic exposure (domestic and international).

FUND INFORMATION		TRAILIN
Fund	ARGDX	
Inception Date	9/30/2015	
Fund Family	American Century Asset Alloc Port Inc	
Fund Subadviser		
Portfolio Manager(s)	Scott Wilson, Richard Weiss, Radu Gabudean	
Manager tenure (average)	4.4 years	
Morningstar Category	Target-Date 2060+	
Benchmark Index	S&P Target Date 2055 - Gross Return -	
	USD	ARGDX

MORNINGST	MORNINGSTAR RATING & FUNDS PER CATEGORY									
Overall	3 YRS	5 YRS	10 YRS							
****	****	****								
	171	71	-1E+22							

TRAILING PERFORMA	NCE						
12							
10			-				
8					_		-
6	-		-		-		-
4	-		-	-	-		-
2	-		-	-			-
0							
-2							
	QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
• ARGDX	7.87	4.45	11.87	8.09	10.15	-	10.15
Benchmark	6.62	-0.61	7.07	6.26	9.50	9.31	10.64
Category Avg	7.09	0.51	8.45	6.56	9.42	-	9.34

6

15/244

9

15/171

44

31/71

CALENDAR YEAR PERFO	DRMANCE	(%)								
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
ARGDX	25.45	-7.87	19.71	7.99	-	-	-	-	-	-
Benchmark	24.48	-7.97	20.48	9.94	-0.54	5.64	24.96	15.81	-2.87	15.62
Morningstar Category Avg	25.17	-8.51	21.21	7.90	-1.06	5.57	25.27	-	-	-
Morningstar Category Percentile	43	34	85	46	-	-	-	-	-	-
Morningstar Category Rank	93/216	68/201	136/160	49/106	-	-	-	-	-	-

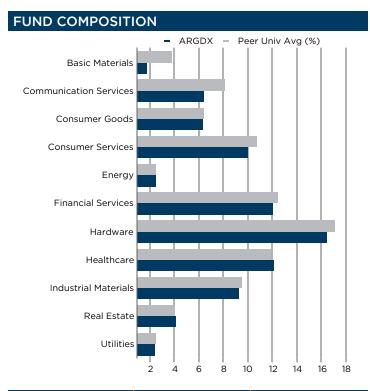
Category Percentile

Category Rank

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance data quoted. To obtain performance data current to the most recent month, contact Nationwide Financial at 1-877-677-3678.

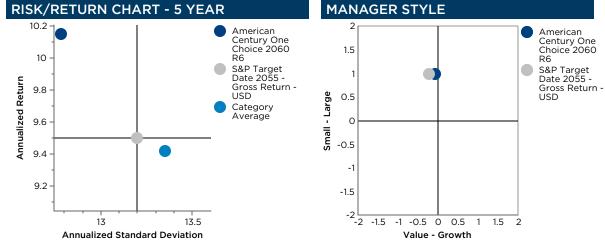
American Century One Choice 2060 R6 (continued)



FUND STATISTICS	ARGDX	Peer Univ Avg
Total number of Holdings	20	18
Total Assets (\$M)	65	261
P/E (12mo. trailing)	21.3	20.5
Price/Book	2.2	2.1
Market Cap (\$M)	47,274	53,349
Turnover (%) (most recent avail)	34	48
Earnings Growth Rate (12mo. trailing)	5%	17%

TOP HOLDINGS	ARGDX
American Century NT Large Co Val G	12.89
American Century Sustainable Equity G	9.81
American Century NT Mid Cap Value G	8.08
American Century NT Growth G	7.87
American Century NT Diversified Bond G	7.61
American Century NT International Gr G	6.93
American Century NT Heritage G	6.71
American Century NT Emerging Markets G	6.20
American Century NT Equity Growth G	5.27
American Century Focused Dynamic Gr G	5.21
% of portfolio in Top 10	76.58

RISK STATISTICS		3 YRS	5		5 YRS	;	RIS	K/RETURN	С
	FUND	BENCH	CAT	FUND	BENCH	CAT	10	0.2 -	
Alpha	0.16	-	0.02	0.08	-	-0.01		10 -	
Beta	0.97	-	1.01	0.96	-	1.01			
R-Squared	98.97	-	99.76	98.76	-	99.60	eturr	9.8 -	
Sharpe Ratio	0.43	0.30	0.31	0.70	0.63	0.62	ed Re	-	
Information Ratio	1.13	-	0.38	0.43	-	-0.09	Annualized Return	9.6 -	
Standard Deviation	15.14	15.56	15.74	12.78	13.20	13.35	Ann	9.4 -	
Up Capture	100.61	-	101.07	97.02	-	100.01		-	
Down Capture	93.07	-	99.59	94.30	-	100.42	ç	9.2 -	
								-	



American Century One Choice In Retire R6

Investment Strategy Summary

The investment seeks current income; capital appreciation is a secondary objective. The fund is a "fund of funds," meaning that it seeks to achieve its objective by investing in other American Century mutual funds (the underlying funds) that represent a variety of asset classes and investment styles. The fund's investments generally will be allocated among the major asset classes as follow: 45% of its assets in equity securities (stock funds); 45% of its assets in fixed-income securities (bond funds); and 10% of its assets in cash equivalents (money market funds). The neutral mix of One Choice In Retirement Portfolio is expected to remain fixed over time.

FUND INFORMATION		TRAI
Fund	ARDTX	
Inception Date	7/31/2013	
Fund Family	American Century Asset Alloc Port Inc	
Fund Subadviser		
Portfolio Manager(s)	Scott Wilson, Richard Weiss, Radu Gabudean	
Manager tenure (average)	8.5 years	
Morningstar Category	Target-Date Retirement	
Benchmark Index	S&P Target Date Retirement Income - Gross Return - USD	
		• ARD

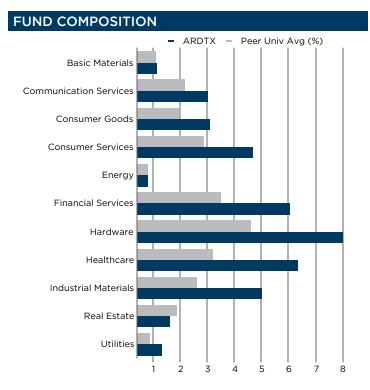
MORNINGST	MORNINGSTAR RATING & FUNDS PER CATEGORY									
Overall	3 YRS	5 YRS	10 YRS							
****	****	****								
	150	127	90							



CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
ARDTX	16.26	-3.86	10.47	6.20	-1.32	6.55	11.47	10.35	3.78	10.28
Benchmark	13.33	-2.54	8.54	5.01	-0.18	4.86	6.28	7.51	3.98	9.09
Morningstar Category Avg	12.87	-3.17	8.71	5.17	-1.75	4.26	7.19	9.00	1.45	8.72
Morningstar Category Percentile	8	72	12	14	47	1	5	10	18	32
Morningstar Category Rank	15/183	135/187	21/175	24/171	81/172	3/272	15/293	-	-	-

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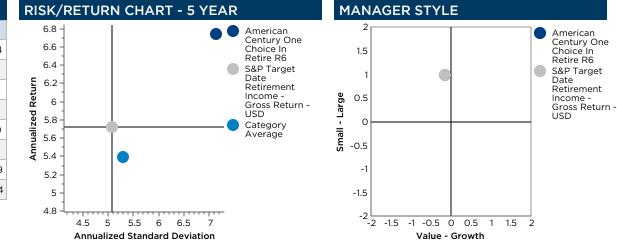
American Century One Choice In Retire R6 (continued)



FUND STATISTICS	ARDTX	Peer Univ Avg
Total number of Holdings	23	24
Total Assets (\$M)	286	702
P/E (12mo. trailing)	21.1	19.8
Price/Book	2.6	2.0
Market Cap (\$M)	60,536	50,580
Turnover (%) (most recent avail)	24	45
Earnings Growth Rate (12mo. trailing)	8%	16%

TOP HOLDINGS	ARDTX
American Century NT Diversified Bond G	21.47
American Century NT Large Co Val G	8.54
American Century Global Bond G	8.33
American Century Short Dur Infl ProBd G	7.52
American Century Sustainable Equity G	6.53
American Century NT Intl Val G	4.43
American Century NT Growth G	3.93
American Century NT International Gr G	3.89
American Century NT Mid Cap Value G	3.83
American Century NT High Income G	3.61
% of portfolio in Top 10	72.10

RISK STATISTICS	3 YRS			5 YRS		
	FUND	BENCH	CAT	FUND	BENCH	CAT
Alpha	-0.12	-	-0.06	-0.09	-	-0.04
Beta	1.38	-	1.02	1.38	-	1.03
R-Squared	97.96	-	98.02	96.44	-	97.81
Sharpe Ratio	0.50	0.62	0.50	0.78	0.90	0.80
Information Ratio	0.19	-	-0.73	0.43	-	-0.40
Standard Deviation	8.44	6.05	6.22	7.14	5.07	5.30
Up Capture	135.32	-	94.75	139.20	-	99.09
Down Capture	142.19	-	102.01	138.79	-	105.24



American Century Mid Cap Value Fund R6 Cl

Investment Strategy Summary

The investment seeks long-term capital growth; income is a secondary consideration. Under normal market conditions, the portfolio managers will invest at least 80% of the fund's net assets in medium size companies. The portfolio managers consider medium size companies to include those whose market capitalizations at the time of purchase are within the capitalization range of the Russell 3000[®] Index, excluding the largest 100 such companies.

TRAILIN

FUND INFORMATION	
Fund	AMDVX
Inception Date	7/26/2013
Fund Family	American Century Capital Portfolios Inc
Fund Subadviser	
Portfolio Manager(s)	Phillip Davidson, Michael Liss, Kevin Toney
Manager tenure (average)	13.4 years
Morningstar Category	Mid-Cap Value
Benchmark Index	Russell Midcap Value - Total Return

MORNINGSTAR RATING & FUNDS PER CATEGORY							
Overall	3 YRS 5 YRS 10 YRS						
****	****	****					
	391	348	248				

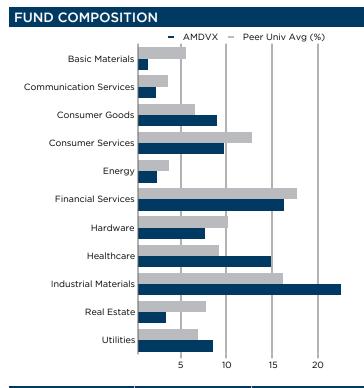
IG PERFORMANCE								
10)							
5	;						-	
0	,							
-5	;							
-10)							
-15	;							
	QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.	
	4.19	-12.71	-6.78	1.07	7.28	10.12	9.10	
ark	6.40	-12.84	-7.30	0.82	6.38	9.71	10.99	

				•	•		
AMDVX	4.19	-12.71	-6.78	1.07	7.28	10.12	9.10
Benchmark	6.40	-12.84	-7.30	0.82	6.38	9.71	10.99
Category Avg	4.36	-16.06	-9.99	-1.27	4.62	7.96	9.97
Category Percentile	-	-	25	20	11	7	-
Category Rank	-	-	105/420	78/391	38/348	17/248	-

CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
AMDVX	29.31	-12.66	11.96	23.19	-1.22	16.80	30.16	16.44	-0.72	19.57
Benchmark	27.06	-12.29	13.34	20.00	-4.78	14.75	33.46	18.51	-1.38	24.75
Morningstar Category Avg	24.83	-12.86	13.56	17.64	-5.16	9.27	34.93	16.46	-3.86	21.95
Morningstar Category Percentile	22	48	57	13	13	1	90	51	25	80
Morningstar Category Rank	93/422	200/417	231/405	52/399	61/471	5/460	374/415	-	-	-

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American Century Mid Cap Value Fund R6 Cl (continued)



FUND STATISTICS	AMDVX	Peer Univ Avg
Total number of Holdings	94	137
Total Assets (\$M)	2,689	2,225
P/E (12mo. trailing)	16.2	15.8
Price/Book	1.9	1.5
Market Cap (\$M)	14,763	10,437
Turnover (%) (most recent avail)	55	48
Earnings Growth Rate (12mo. trailing)	7%	15%

TOP HOLDINGS	AMDVX
Zimmer Biomet Holdings Inc	3.02
Northern Trust Corp	2.92
Chubb Ltd	2.34
Emerson Electric Co	2.32
iShares Russell Mid-Cap Value ETF	2.15
Hubbell Inc	1.91
Johnson Controls International PLC	1.85
Universal Health Services Inc Class B	1.76
Republic Services Inc Class A	1.72
Pinnacle West Capital Corp	1.69
% of portfolio in Top 10	21.68

RISK STATISTICS	3 YRS				5 YRS	5	
	FUND	BENCH	CAT	FUND	BENCH	CAT	
Alpha	0.01	-	-0.17	0.12	-	-0.14	
Beta	0.88	-	1.01	0.89	-	1.01	
R-Squared	96.92	-	99.26	96.41	-	98.81	
Sharpe Ratio	-0.03	-0.04	-0.14	0.38	0.29	0.19	
Information Ratio	0.06	-	-1.13	0.25	-	-0.89	
Standard Deviation	18.96	21.15	21.40	16.13	17.79	18.11	
Up Capture	92.32	-	97.18	93.80	-	95.64	
Down Capture	95.45	-	104.16	93.76	-	103.53	



Blackrock Global Alloc I

Investment Strategy Summary

The investment seeks to provide high total investment return. The fund invests in a portfolio of equity, debt and money market securities. Generally, the fund's portfolio will include both equity and debt securities. It may invest up to 35% of its total assets in "junk bonds," corporate loans and distressed securities. The fund may also invest in Real Estate Investment Trusts ("REITs") and securities related to real assets (like real estate- or precious metals-related securities) such as stock, bonds or convertible bonds issued by REITs or companies that mine precious metals.

FUND INFORMATION	
Fund	MALOX
Inception Date	2/03/1989
Fund Family	Blackrock Global Allocation Fund Inc
Fund Subadviser	
Portfolio Manager(s)	Russ Koesterich, David Clayton, Rick Rieder
Manager tenure (average)	2.9 years
Morningstar Category	World Allocation
Benchmark Index	FTSE World - Total Return

MORNINGSTAR RATING & FUNDS PER CATEGORY							
Overall	3 YRS	5 YRS	10 YRS				
****	****	****	****				
	394	338	208				

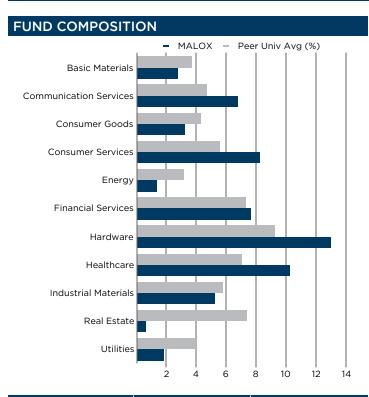


	QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
MALOX	7.63	8.19	14.64	6.48	7.46	6.21	9.67
Benchmark	8.00	1.30	10.41	7.71	10.88	9.35	9.11
Category Avg	4.12	-4.43	0.34	1.68	4.57	3.81	8.92
Category Percentile	-	-	3	6	8	25	-
Category Rank	-	-	14/475	24/394	27/338	52/208	-

CALENDAR YEAR PERFO	CALENDAR YEAR PERFORMANCE (%)											
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010		
MALOX	17.54	-7.37	13.60	4.09	-0.83	2.15	14.71	10.33	-3.43	10.15		
Benchmark	27.74	-8.77	24.09	8.65	-1.37	4.77	24.67	16.96	-6.48	12.73		
Morningstar Category Avg	15.95	-8.10	14.30	5.84	-4.28	1.50	8.46	10.18	-3.67	10.95		
Morningstar Category Percentile	40	44	65	70	19	44	38	61	47	57		
Morningstar Category Rank	184/459	199/453	285/438	340/485	108/567	235/534	183/482	290/476	176/375	176/308		

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Blackrock Global Alloc I (continued)



FUND STATISTICS	MALOX	Peer Univ Avg
Total number of Holdings	1296	492
Total Assets (\$M)	8,026	5,706
P/E (12mo. trailing)	23.0	18.9
Price/Book	2.3	1.9
Market Cap (\$M)	106,710	47,554
Turnover (%) (most recent avail)	136	71
Earnings Growth Rate (12mo. trailing)	9%	15%

TOP HOLDINGS	MALOX
United States Treasury Notes 1.75%	2.42
Apple Inc	2.19
Amazon.com Inc	2.07
Microsoft Corp	2.07
Umbs 30yr Tba(Reg A)	1.97
SPDR [®] Gold Shares	1.96
Alphabet Inc Class C	1.51
United States Treasury Notes 0.12%	1.30
United States Treasury Notes 0.12%	1.23
iShares iBoxx \$ High Yield Corp Bd ETF	1.10
% of portfolio in Top 10	17.81

RISK STATISTICS		3 YRS	5		5 YRS	5	RISK/I	RETURN CHART - 5 YEAR	MANAGER STYLE
	FUND	BENCH	CAT	FUND	BENCH	CAT	11.2 -	Blackrock Global Alloc I	2 Blackrock
Alpha	0.11	-	-0.30	0.04	-	-0.21	10.4 -	FTSE World - Total Return	1.5 Global Alloc ETSE World
Beta	0.63	-	0.67	0.62	-	0.66	9.6 - - 8.8 -	Category	1 Total Return
R-Squared	94.81	-	95.44	94.76	-	94.85	- 8.8 -	Average	B 0.5
Sharpe Ratio	0.45	0.36	0.00	0.69	0.68	0.35	ອັ 7.2 -		
Information Ratio	-0.19	-	-1.00	-0.59	-	-1.18	- 4.6 Talize		
Standard Deviation	10.81	16.67	11.46	9.14	14.30	9.66	100 5.6 -		ቻ -0.5
Up Capture	53.10	-	45.99	47.17	-	42.41	4.8 -		-1
Down Capture	61.06	-	74.67	63.88	-	74.72	3.2 -		-1.5
									-2 -2 -1.5 -1 -0.5 0 0.5 1 1.5 2

Annualized Standard Deviation

Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

Value - Growth

Columbia High Yield Bond Fund Class R5

Investment Strategy Summary

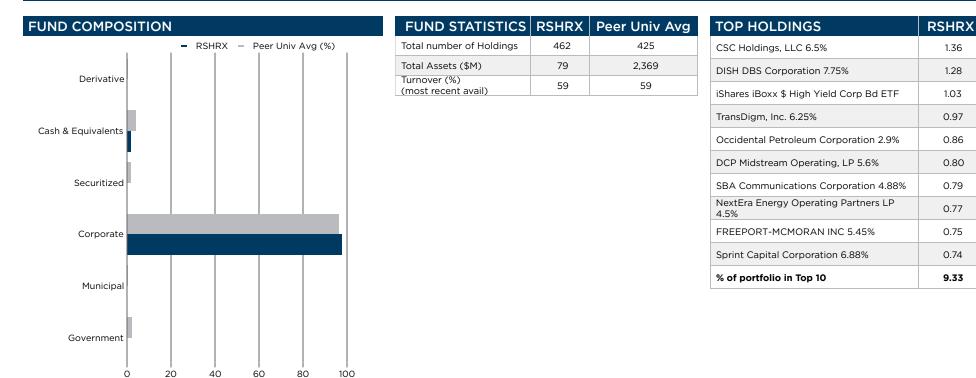
The investment seeks to provide shareholders with high current income as its primary objective and, as its secondary objective, capital growth. Under normal market conditions, the fund invests at least 80% of its net assets (including the amount of any borrowings for investment purposes) in high-yield debt instruments (commonly referred to as "junk" bonds or securities). It may invest up to 25% of its net assets in debt instruments of foreign issuers. The fund may invest in debt instruments of any maturity and does not seek to maintain a particular dollar-weighted average maturity.

FUND INFORMATION				TRAILING PERFORM	MANCE						
Fund		RSHRX			12						
Inception Date		12/11/2006			10						_
Fund Family		Columbia Funds S	eries Trust II		8						_
Fund Subadviser					6						-
Portfolio Manager(s) Brian Lavin, Daniel DeYoung		-	4								
Manager tenure (av	r tenure (average) 6.0 years			0							
Morningstar Category High Yield Bond					-2	1	1				
Benchmark Index		ICE BofA US Cash			QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT
		Constrained (Loca	al Total Return)	• RSHRX	4.21	-0.16	2.90	3.87	5.89	6.31	11.71
MORNINGSTA	R RATING 8	FUNDS PER C	ATEGORY	Benchmark	4.71	-0.32	2.26	3.82	6.60	6.25	6.76
Overall	3 YRS	5 YRS	10 YRS	Category Avg	4.30	-1.12	1.17	2.78	5.00	5.11	7.33
****	****	****	****	Category Percentile	-	-	29	26	27	9	-
	620	534	350	Category Rank	-	-	196/676	161/620	144/534	32/350	-

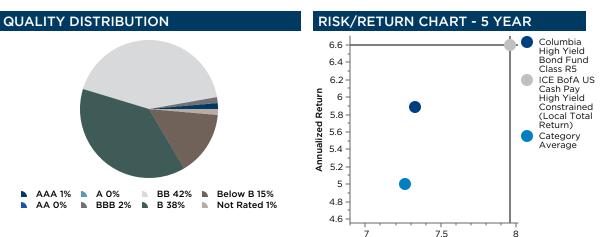
CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
RSHRX	17.10	-4.12	6.57	11.54	-1.19	3.70	6.28	16.01	5.45	13.77
Benchmark	14.40	-2.26	7.48	17.34	-4.52	2.45	7.37	15.40	4.49	15.10
Morningstar Category Avg	12.48	-2.82	6.40	13.18	-4.07	1.11	6.92	14.69	2.75	14.13
Morningstar Category Percentile	3	83	51	76	14	8	56	26	9	57
Morningstar Category Rank	21/711	577/695	356/699	537/707	108/769	58/731	371/662	155/598	52/573	327/574

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS.

Columbia High Yield Bond Fund Class R5 (continued)



RISK STATISTICS		3 YRS	5	5 YRS					
	FUND	BENCH	CAT	FUND	BENCH	CAT			
Alpha	0.02	-	-0.06	-0.00	-	-0.08			
Beta	0.96	-	0.93	0.90	-	0.91			
R-Squared	98.35	-	99.70	95.13	-	99.39			
Sharpe Ratio	0.25	0.24	0.13	0.65	0.68	0.53			
Information Ratio	0.05	-	-1.34	-0.39	-	-1.75			
Standard Deviation	8.78	9.10	8.49	7.33	7.96	7.26			
Up Capture	99.46	-	86.24	87.46	-	80.72			
Down Capture	98.78	-	95.88	92.37	-	94.87			



Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

Annualized Standard Deviation

Fidelity Contrafund K6

Investment Strategy Summary

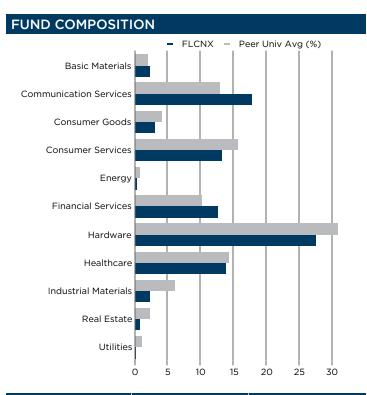
The investment seeks capital appreciation. The fund normally invests primarily in common stocks. It invests in securities of companies whose value Fidelity Management & Research Company (FMR) believes is not fully recognized by the public. The fund invests in domestic and foreign issuers.

FUND INFOR	MATION			TRAILING PERFORM	1ANCE						
Fund		FLCNX			35	+					
Inception Date		5/25/2017			30		┼╋╌╺╸				
Fund Family		Fidelity Contrafund	ł		25						
Fund Subadviser					20						
Portfolio Manager	(s)	William Danoff			15						
Manager tenure (a	verage)	3.3 years			5 -						
Morningstar Categ	ory	Large Growth			5					1	
Benchmark Index		S&P 500 - Total Re	turn		QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
				• FLCNX	11.70	21.39	34.29	18.53	-	-	18.44
MORNINGST	AR RATING &	FUNDS PER C	ATEGORY	Benchmark	8.93	5.57	15.15	12.28	14.15	13.74	10.74
Overall	3 YRS	5 YRS	10 YRS	Category Avg	11.51	19.82	31.02	17.99	16.80	14.56	12.35
***	***			Category Percentile	-	-	39	49	-	-	-
	1229	1095	813	Category Rank	-	-	518/1328	602/1229	-	-	-

CALENDAR YEAR PERFO	CALENDAR YEAR PERFORMANCE (%)											
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010		
FLCNX	31.00	-2.15	-	-	-	-	-	-	-	-		
Benchmark	31.49	-4.38	21.83	11.96	1.38	13.69	32.39	16.00	2.11	15.06		
Morningstar Category Avg	31.71	-2.18	27.84	3.19	3.57	10.07	33.87	15.24	-2.56	15.40		
Morningstar Category Percentile	61	51	-	-	-	-	-	-	-	-		
Morningstar Category Rank	830/1360	717/1405	-	-	-	-	-	-	-	-		

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

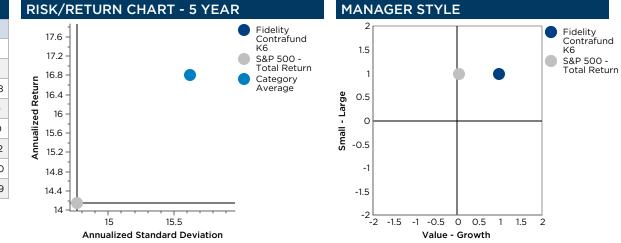
Fidelity Contrafund K6 (continued)



FUND STATISTICS	FLCNX	Peer Univ Avg
Total number of Holdings	312	109
Total Assets (\$M)	15,821	9,266
P/E (12mo. trailing)	33.8	34.9
Price/Book	5.7	6.5
Market Cap (\$M)	247,294	154,197
Turnover (%) (most recent avail)	52	40
Earnings Growth Rate (12mo. trailing)	29%	25%

TOP HOLDINGS	FLCNX
Amazon.com Inc	9.77
Facebook Inc A	8.83
Microsoft Corp	5.89
Salesforce.com Inc	4.65
Berkshire Hathaway Inc Class A	4.46
Adobe Inc	3.43
Apple Inc	3.29
Visa Inc Class A	2.98
Netflix Inc	2.88
UnitedHealth Group Inc	2.72
% of portfolio in Top 10	48.89

RISK STATISTICS		3 YR	5		5 YRS	5	
	FUND	BENCH	CAT	FUND	BENCH	CAT	
Alpha	0.45	-	0.40	-	-	0.17	
Beta	1.02	-	1.03	-	-	1.03	
R-Squared	91.87	-	96.14	-	-	94.18	
Sharpe Ratio	0.90	0.61	0.89	-	0.88	1.00	
Information Ratio	1.17	-	1.57	-	-	0.70	
Standard Deviation	18.70	17.49	18.33	-	14.76	15.62	
Up Capture	120.12	-	117.28	-	-	115.10	
Down Capture	93.46	-	93.23	-	-	98.89	



Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

Goldman Sachs Global Income Fund Institutional Shares

Investment Strategy Summary

The investment seeks a total return consisting of capital appreciation and income. The fund normally invests at least 80% of its net assets plus any borrowings for investment purposes (measured at the time of purchase) ("Net Assets") in a portfolio of fixed income securities of U.S. and foreign issuers. Foreign securities include securities of issuers located outside the U.S. or securities quoted or denominated in a currency other than the U.S. dollar. It also enters into transactions in foreign currencies, typically through the use of forward contracts and swap contracts. It is non-diversified.

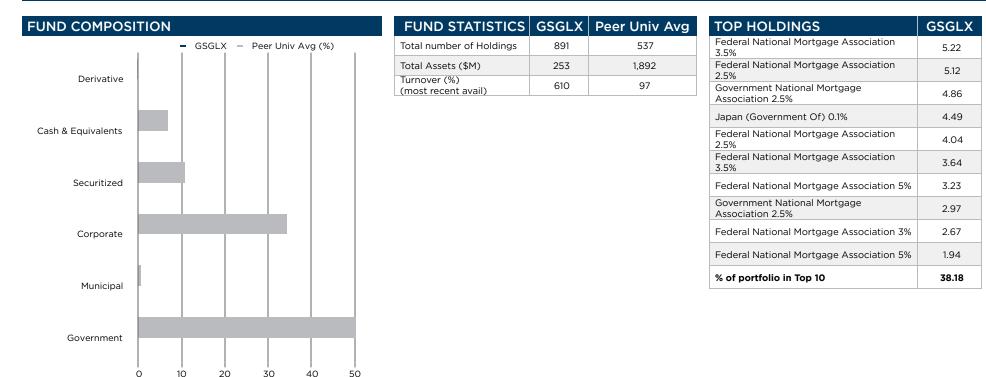
FUND INFOR	MATION			TRAILING PERFORM	IANCE						
Fund		GSGLX		7	7		_				
Inception Date		8/01/1995		e	5						
Fund Family		Goldman Sachs Tru	ıst	Ę							
Fund Subadviser				2							
Portfolio Manager((s)	Simon Dangoor, Hu	ıgh Briscoe	3							
Manager tenure (a	verage)	0.7 years			1 +	-		-			
Morningstar Categ	ory	World Bond-USD H	ledged								
Benchmark Index			rs Global Aggregate		QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
2011011101		(USD Hedged)		GSGLX	1.63	7.23	6.88	5.74	4.55	4.11	5.67
MORNINGST	AR RATING &	FUNDS PER C	ATEGORY	Benchmark	0.73	4.65	4.14	5.12	4.32	3.92	6.03
Overall	3 YRS	5 YRS	10 YRS	Category Avg	3.03	3.57	4.83	3.17	3.79	2.33	7.33
****	****	****	****	Category Percentile	-	-	6	15	30	27	-
	91	59	38	Category Rank	-	-	6/108	14/91	18/59	10/38	-

CALENDAR YEAR PERFORMANCE (%)											
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	
GSGLX	9.18	0.22	2.68	3.44	0.85	6.65	1.02	7.63	4.29	4.76	
Benchmark	8.22	1.76	3.04	3.95	1.02	7.59	-0.14	5.72	5.40	4.61	
Morningstar Category Avg	6.83	-1.41	6.88	3.80	-4.13	1.69	-2.88	7.75	3.29	6.80	
Morningstar Category Percentile	36	30	83	51	5	11	11	43	36	73	
Morningstar Category Rank	37/102	93/310	251/303	173/339	18/367	42/385	40/365	135/315	107/297	197/270	

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS.

Goldman Sachs Global Income Fund Institutional

Shares (continued)



RISK STATISTICS		3 YRS	5		5 YR	5	QUALITY DISTRIBUTION	RISK	/RETURN CHART - 5 YEAR	
	FUND BENCH CAT FUND BENCH CAT				BENCH	CAT				ldman
Alpha	-0.03	-	-0.15	-0.01	-	-0.05		-	Inco	chs Glob ome Fur
Beta	1.19	-	0.99	1.09	-	1.04		4.4 -	Sha	Institutiona Shares Bloomberg
R-Squared	83.04	-	32.58	83.32	-	37.37		- - 86 Kur r		clays
Sharpe Ratio	1.10	1.22	0.31	1.03	1.15	0.56	No Data	ອີຊີ 4.2 - ອ	Age (US	Aggregate (USD
Information Ratio	0.38	-	-0.48	0.17	-	-0.14		ialize		dged) egory
Standard Deviation	3.72	2.86	4.95	3.29	2.76	4.68		nuu	Ave	erage
Up Capture	116.21	-	75.96	109.49	-	92.41				
Down Capture	121.86	-	121.58	113.84	-	105.38		3.8 -		
								-	3 3.5 4 4.5 5	

Annualized Standard Deviation

	FUND	BENCH	САТ	FUND	BENCH	CAT
Alpha	-0.03	-	-0.15	-0.01	-	-0.05
Beta	1.19	-	0.99	1.09	-	1.04
R-Squared	83.04	-	32.58	83.32	-	37.37
Sharpe Ratio	1.10	1.22	0.31	1.03	1.15	0.56
Information Ratio	0.38	-	-0.48	0.17	-	-0.14
Standard Deviation	3.72	2.86	4.95	3.29	2.76	4.68
Up Capture	116.21	-	75.96	109.49	-	92.41
Down Capture	121.86	-	121.58	113.84	-	105.38

Goldman Sachs Large Cap Growth Insights Fund Institutional Shares

Investment Strategy Summary

The investment seeks long-term growth of capital, with dividend income as a secondary consideration. The fund invests at least 80% of its net assets plus any borrowings for investment purposes (measured at time of purchase) ("Net Assets") in a broadly diversified portfolio of equity investments in large-cap U.S. issuers, including foreign issuers that are traded in the United States. It may also invest in fixed income securities that are considered to be cash equivalents. The fund is non-diversified.

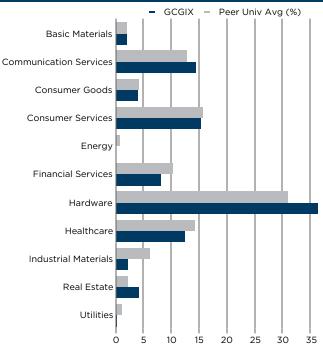
FUND INFOR	MATION			TRAILING PERFORM	ANCE						
Fund		GCGIX		4	0						
Inception Date		5/01/1997		3	35						
Fund Family		Goldman Sachs Tru	ıst	3	io						
Fund Subadviser					25						
Portfolio Manager	(s)	Len loffe, Osman A	li, Dennis Walsh		15						
Manager tenure (a	verage)	8.4 years		1	10 -			-			
Morningstar Categ	lory	Large Growth									
Benchmark Index		Russell 1000 Grow	th - Total Return		QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
				• GCGIX	11.42	20.73	32.11	16.99	17.59	16.64	7.85
MORNINGST	AR RATING &	FUNDS PER C	ATEGORY	Benchmark	13.22	24.33	37.53	21.67	20.10	17.25	11.98
Overall	3 YRS	5 YRS	10 YRS	Category Avg	11.51	19.82	31.02	17.99	16.80	14.56	12.35
****	***	***	****	Category Percentile	-	-	47	58	46	25	-
	1229	1095	813	Category Rank	-	-	624/1328	713/1229	504/1095	203/813	-
			010				02.71020			200,010	

CALENDAR YEAR PERFO	CALENDAR YEAR PERFORMANCE (%)											
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010		
GCGIX	29.67	-4.56	29.74	7.83	3.50	17.84	36.42	15.37	4.03	13.61		
Benchmark	36.39	-1.51	30.21	7.08	5.67	13.05	33.48	15.26	2.64	16.71		
Morningstar Category Avg	31.71	-2.18	27.84	3.19	3.57	10.07	33.87	15.24	-2.56	15.40		
Morningstar Category Percentile	74	74	37	16	51	2	24	47	5	64		
Morningstar Category Rank	1006/1360	1040/1405	504/1363	234/1463	857/1681	34/1710	411/1712	790/1681	84/1683	1100/1718		

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

Goldman Sachs Large Cap Growth Insights Fund Institutional Shares (continued)

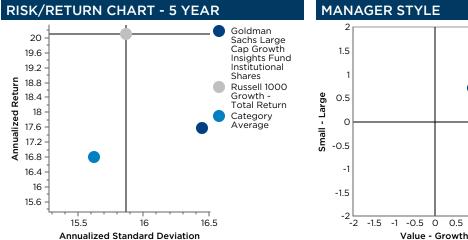
FUND COMPOSITION



FUND STATISTICS	GCGIX	Peer Univ Avg
Total number of Holdings	123	109
Total Assets (\$M)	778	9,266
P/E (12mo. trailing)	30.2	34.9
Price/Book	7.0	6.5
Market Cap (\$M)	166,279	154,197
Turnover (%) (most recent avail)	104	40
Earnings Growth Rate (12mo. trailing)	20%	25%

TOP HOLDINGS	GCGIX
Apple Inc	12.23
Microsoft Corp	9.17
Amazon.com Inc	7.55
Facebook Inc A	4.30
Alphabet Inc Class C	3.38
PayPal Holdings Inc	2.56
Adobe Inc	2.35
Alphabet Inc A	2.00
AbbVie Inc	1.95
Costco Wholesale Corp	1.81
% of portfolio in Top 10	47.29

RISK STATISTICS		3 YRS			5 YRS	5	F
	FUND	BENCH	CAT	FUND	BENCH	CAT	
Alpha	-0.37	-	-0.21	-0.22	-	-0.20	
Beta	1.03	-	0.97	1.03	-	0.98	
R-Squared	98.59	-	98.88	98.29	-	98.42	
Sharpe Ratio	0.79	1.07	0.89	1.00	1.19	1.00	
Information Ratio	-1.99	-	-1.82	-1.14	-	-1.65	:
Standard Deviation	19.42	18.78	18.33	16.45	15.87	15.62	:
Up Capture	89.20	-	87.13	92.89	-	86.71	
Down Capture	105.87	-	100.19	105.10	-	103.03	



Goldman Sachs Large Cap Growth Insights Fur Institutiona Shares Russell 100 Growth -Total Retur -2 -1.5 -1 -0.5 0 0.5 1 1.5 2

Annualized Standard Deviation

Invesco Developing Markets Fund - Class R6

Investment Strategy Summary

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, and in derivatives and other instruments that have economic characteristics similar to such securities.

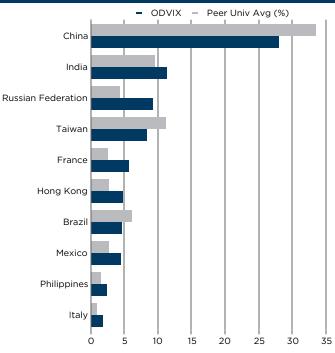
FUND INFOR	MATION			TRAILING PERFORM	ANCE						
Fund		ODVIX		1	2						
Inception Date		12/29/2011		1	o				-		-
Fund Family		AIM Investment Funds			8						
Fund Subadviser		Oppenheimerfund	s, Inc.		6						
Portfolio Manager(s)	Justin Leverenz			2						
Manager tenure (av	verage)	13.3 years		-	2						
Morningstar Categ	ory	Diversified Emergi	ng Mkts		L	1	1				
Benchmark Index		MSCI EM (Emergin	ig Markets) - Net		QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
		Return			8.29	-1.14	10.60	4.51	10.56	4.40	11.47
MORNINGST	AR RATING &	FUNDS PER C	ATEGORY	Benchmark	9.56	-1.16	10.54	2.42	8.97	2.50	8.72
Overall	3 YRS	5 YRS	10 YRS	Category Avg	8.83	-1.96	8.16	1.32	7.49	1.87	6.69
****	****	****		Category Percentile	-	-	41	21	22	23	-
	695	590	264	Category Rank	-	-	324/790	146/695	130/590	61/264	-

CALENDAR YEAR PERFO	CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	
ODVIX	24.53	-11.79	35.33	7.38	-13.67	-4.39	8.85	21.43	-18.10	26.98	
Benchmark	18.42	-14.57	37.28	11.19	-14.92	-2.19	-2.60	18.22	-18.42	18.88	
Morningstar Category Avg	19.07	-16.14	34.69	8.08	-13.74	-2.99	-0.69	18.09	-19.59	18.59	
Morningstar Category Percentile	20	13	49	56	45	68	13	20	34	8	
Morningstar Category Rank	167/835	109/836	395/806	455/813	378/840	509/749	80/614	110/552	156/458	-	

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS.

Invesco Developing Markets Fund - Class R6 (continued)

FUND COMPOSITION



FUND STATISTICS	ODVIX	Peer Univ Avg
Total number of Holdings	80	297
Total Assets (\$M)	16,955	3,020
P/E (12mo. trailing)	23.2	18.6
Price/Book	2.8	2.2
Market Cap (\$M)	54,802	39,611
Turnover (%) (most recent avail)	17	42
Earnings Growth Rate (12mo. trailing)	22%	18%

TOP HOLDINGS	ODVIX
Tencent Holdings Ltd	7.80
Taiwan Semiconductor Manufacturing Co Ltd	6.14
Kering SA	5.42
Alibaba Group Holding Ltd ADR	5.09
AIA Group Ltd	4.35
NOVATEK PJSC GDR	3.84
Housing Development Finance Corp Ltd	3.79
Yum China Holdings Inc	3.71
ZTO Express (Cayman) Inc ADR	3.26
Kotak Mahindra Bank Ltd	3.18
% of portfolio in Top 10	46.59

RISK STATISTICS		3 YR	5		5 YR	5	RISK/RETURN CHART - 5 YEAR MANAGER STYLE	
	FUND	BENCH	CAT	FUND	BENCH	CAT		
Alpha	0.18	-	-0.08	0.19	-	-0.07	10.4 - Developing Markets Fund 1.5 - Class R6	Developing Markets Fund
Beta	0.93	-	0.97	0.90	-	0.94		- Class R6 MSCI EM
R-Squared	95.28	-	97.64	94.03	-	97.41		(Emerging Markets) - Net Return
Sharpe Ratio	0.16	0.04	-0.02	0.59	0.45	0.39		Ketum
Information Ratio	0.51	-	-0.38	0.37	-	-0.52		-
Standard Deviation	17.70	18.67	18.38	16.05	17.21	16.38		
Up Capture	95.22	-	93.13	91.46	-	87.01	· · · · · · · · · · · · · · · · · · ·	
Down Capture	91.41	-	99.41	90.54	-	97.82	7.2 - 6.8 -	
								2

Annualized Standard Deviation

Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

Value - Growth

Invesco Discovery Fund - Class R6

Investment Strategy Summary

The investment seeks capital appreciation. The fund mainly invests in common stocks of U.S. companies that the portfolio managers believe have favorable growth prospects. It emphasizes stocks of small-capitalization (or "small-cap") companies, which are defined as those issuers that are at the time of purchase within the range of market capitalizations of the Russell 2000 Growth Index. A company's "market capitalization" is the value of its outstanding common stock and the determination whether the company is small-, mid- or large-cap is based on the company's market capitalization relative to that of other companies.

FUND INFORMATION		TR
Fund	ODIIX	
Inception Date	1/27/2012	
Fund Family	AIM Counselor Series Trust (Invesco Counselor Series Trust)	
Fund Subadviser	Oppenheimerfunds, Inc.	
Portfolio Manager(s)	Ronald Zibelli, Ash Shah	
Manager tenure (average)	10.5 years	
Morningstar Category	Small Growth	
Benchmark Index	Russell 2000 Growth - Total Return	• (

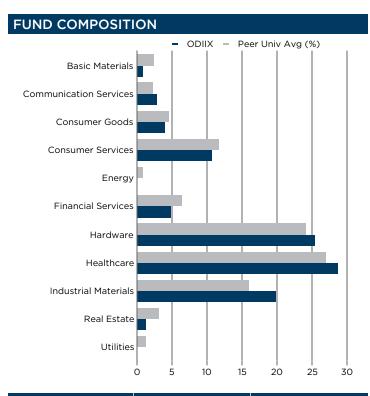
MORNINGST	AR RATING &	FUNDS PER C	ATEGORY
Overall	3 YRS	5 YRS	10 YRS
****	****	****	
	579	513	384

TRAILING PERFORMA	NCE						
35	5		<u> </u>				
30							
25	;						
20)						
15	i				-	-	
10					-	-	
5	-			-	-	-	-
	QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
	8.77	22.58	33.88	20.38	17.55	16.51	11.37
Benchmark	7.16	3.88	15.71	8.18	11.42	12.34	9.76
Category Avg	8.08	7.57	17.70	10.58	12.41	12.07	10.66
Category Percentile	-	-	18	15	17	7	-
Category Rank	-	-	112/624	87/579	87/513	27/384	-

CALENDAR YEAR PERFO	CALENDAR YEAR PERFORMANCE (%)											
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010		
ODIIX	37.30	-3.20	29.65	4.69	2.41	-1.75	46.85	17.57	1.47	27.75		
Benchmark	28.48	-9.31	22.17	11.32	-1.38	5.60	43.30	14.59	-2.91	29.09		
Morningstar Category Avg	27.66	-5.96	21.75	11.04	-2.52	2.58	40.83	13.19	-3.64	26.99		
Morningstar Category Percentile	10	31	17	87	13	83	18	14	14	47		
Morningstar Category Rank	64/640	210/676	116/684	582/669	95/730	599/722	129/714	104/743	-	-		

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

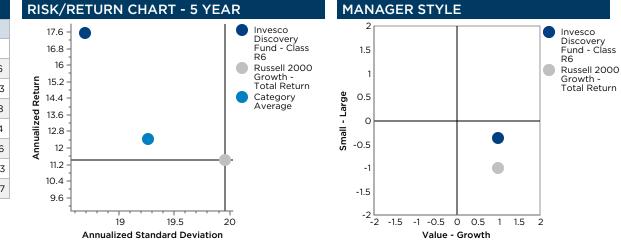
Invesco Discovery Fund - Class R6 (continued)



FUND STATISTICS	ODIIX	Peer Univ Avg
Total number of Holdings	115	182
Total Assets (\$M)	398	1,706
P/E (12mo. trailing)	35.0	28.2
Price/Book	5.8	3.4
Market Cap (\$M)	5,248	3,451
Turnover (%) (most recent avail)	33	53
Earnings Growth Rate (12mo. trailing)	16%	21%

TOP HOLDINGS	ODIIX
Monolithic Power Systems Inc	2.47
Repligen Corp	2.46
Freshpet Inc	2.23
Masimo Corp	2.07
Pool Corp	2.04
Lattice Semiconductor Corp	1.87
Quidel Corp	1.84
Wingstop Inc	1.74
Tandem Diabetes Care Inc	1.72
Insulet Corp	1.71
% of portfolio in Top 10	20.15

RISK STATISTICS	3 YRS				5 YRS	5	R
	FUND	BENCH	CAT	FUND	BENCH	CAT	
Alpha	0.95	-	0.19	0.56	-	0.11	
Beta	0.91	-	0.98	0.88	-	0.96	_
R-Squared	90.09	-	99.06	87.98	-	98.83	Return
Sharpe Ratio	0.85	0.29	0.40	0.88	0.51	0.58	
Information Ratio	1.70	-	1.08	0.89	-	0.44	Annualized
Standard Deviation	21.96	22.79	22.48	18.69	19.96	19.26	Annu
Up Capture	118.17	-	102.27	97.63	-	94.83	
Down Capture	79.88	-	95.49	81.40	-	94.97	



Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

Invesco International Growth Fund - Class R6

Investment Strategy Summary

The investment seeks capital appreciation. The fund mainly invests in the common stock of growth companies that are domiciled or have their primary operations outside of the United States. It may invest 100% of its assets in securities of foreign companies. The fund may invest in emerging markets as well as in developed markets throughout the world. It normally will invest at least 65% of its total assets in common and preferred stocks of issuers in at least three different countries outside of the United States, and emphasize investments in common stocks of issuers that the portfolio managers consider to be growth companies.

FUND INFORMATION		TRAILI
Fund	OIGIX	
Inception Date	3/29/2012	
Fund Family	Aim International Mutual Funds (Invesco International Mutual Fun	
Fund Subadviser	Oppenheimerfunds, Inc.	
Portfolio Manager(s)	George Evans, Robert Dunphy	
Manager tenure (average)	16.5 years	
Morningstar Category	Foreign Large Growth	
Benchmark Index	MSCI AC World Index ex USA - Net	
	Return	OIGIX

MORNINGST	MORNINGSTAR RATING & FUNDS PER CATEGORY									
Overall	3 YRS	5 YRS	10 YRS							
**	**	**								
	420	336	243							

TRAILING PERFORMANCE												
20												
15												
10												
5												
0												
-5												
-5												
	QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.					
OIGIX	10.22	6.49	19.79	4.84	7.88	7.37	8.00					
Benchmark	6.25	-5.44	3.00	1.16	6.23	4.00	4.46					
Category Avg	9.62	7.56	17.63	7.21	9.58	6.78	8.27					

30

141/469

-

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-

71

298/420

71

239/336

38

92/243

-

-

CALENDAR YEAR PERFO	LENDAR YEAR PERFORMANCE (%)												
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010			
OIGIX	29.16	-19.22	27.15	-1.88	3.63	-6.80	25.71	22.12	-7.71	14.69			
Benchmark	21.51	-14.20	27.19	4.50	-5.66	-3.87	15.29	16.83	-13.71	11.15			
Morningstar Category Avg	27.94	-14.17	31.25	-2.57	1.12	-3.98	17.92	18.09	-12.63	14.20			
Morningstar Category Percentile	39	94	75	48	20	83	6	13	16	28			
Morningstar Category Rank	183/469	413/439	299/399	174/363	72/361	283/341	17/278	32/250	-	-			

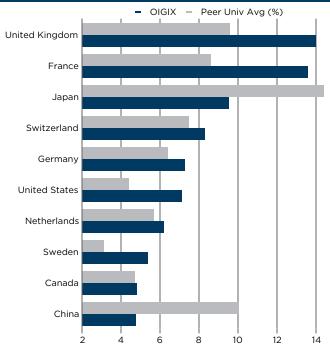
Category Percentile

Category Rank

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS.

Invesco International Growth Fund - Class R6 (continued)

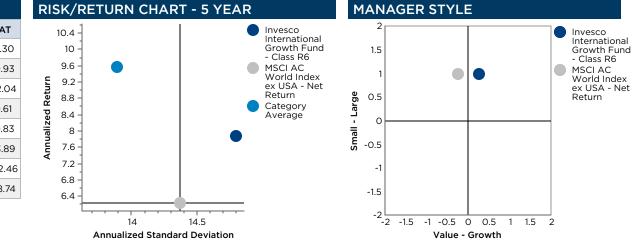




FUND STATISTICS	OIGIX	Peer Univ Avg
Total number of Holdings	91	108
Total Assets (\$M)	5,741	9,046
P/E (12mo. trailing)	30.9	28.7
Price/Book	4.2	3.7
Market Cap (\$M)	38,099	44,787
Turnover (%) (most recent avail)	11	31
Earnings Growth Rate (12mo. trailing)	6%	14%

TOP HOLDINGS	OIGIX
Taiwan Semiconductor Manufacturing Co Ltd	2.86
ASML Holding NV	2.77
Hermes International SA	2.51
Roche Holding AG Dividend Right Cert.	2.27
Novo Nordisk A/S B	2.25
Swedish Match AB	2.21
Alibaba Group Holding Ltd ADR	2.19
Alimentation Couche-Tard Inc Class B	2.17
STMicroelectronics NV	2.15
Atlas Copco AB A	2.09
% of portfolio in Top 10	23.48

RISK STATISTICS		3 YR	5		5	RIS	
	FUND	BENCH	CAT	FUND	BENCH	CAT	1
Alpha	0.31	-	0.49	0.15	-	0.30	
Beta	1.00	-	0.94	0.97	-	0.93	_
R-Squared	90.87	-	93.79	88.50	-	92.04	Return
Sharpe Ratio	0.19	-0.03	0.36	0.45	0.35	0.61	
Information Ratio	0.73	-	1.52	0.33	-	0.83	Annualized
Standard Deviation	16.70	16.00	15.60	14.80	14.37	13.89	Ann∟
Up Capture	106.36	-	108.32	99.86	-	102.46	
Down Capture	91.36	-	84.38	93.86	-	88.74	



Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

iShares MSCI EAFE International Index Fund -Institutional Shares

Investment Strategy Summary

The investment seeks to match the performance of the MSCI EAFE Index (Europe, Australasia, Far East) in U.S. dollars with net dividends as closely as possible before the deduction of fund expenses. The fund will be substantially invested in securities in the MSCI EAFE Index, and will invest at least 80% of its assets in securities or other financial instruments that are components of or have economic characteristics similar to the securities included in the MSCI EAFE Index.

FUND INFOR	MATION			TRAILING PERFOR	MANCE						
Fund		MAIIX			6						
Inception Date		4/09/1997		-	4						
Fund Family		Blackrock Index Fu	inds Inc		2 -						_
Fund Subadviser				-	0						
Portfolio Manager(s)	Alan Mason, Jennif Aguirre, et al.	er Hsui, Rachel		-2						
Manager tenure (a	/erage)	3.5 years		-	-6						
Morningstar Categ	ory	Foreign Large Bler	nd		-8		1				
Benchmark Index		MSCI EAFE - Net F	Return		QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
2 of total and the dot				MAIIX	4.57	-6.82	0.50	0.67	5.22	4.49	4.49
MORNINGST	AR RATING &	FUNDS PER C	ATEGORY	Benchmark	4.80	-7.09	0.49	0.62	5.26	4.62	8.39
Overall	3 YRS	5 YRS	10 YRS	Category Avg	5.80	-5.86	2.03	0.51	5.02	4.14	6.06
***	***	***	***	Category Percentile	-	-	62	51	52	46	-
	647	548	363	Category Rank	-	-	472/761	330/647	285/548	167/363	-

CALENDAR YEAR PERFO	ALENDAR YEAR PERFORMANCE (%)												
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010			
MAIIX	21.80	-13.37	25.24	0.99	-0.91	-6.12	21.52	18.58	-12.54	7.26			
Benchmark	22.01	-13.79	25.03	1.00	-0.81	-4.90	22.78	17.32	-12.14	7.75			
Morningstar Category Avg	21.46	-14.59	25.42	0.67	-1.64	-5.16	19.29	18.31	-13.90	10.25			
Morningstar Category Percentile	47	27	51	46	46	64	30	42	33	78			
Morningstar Category Rank	344/732	200/741	386/756	351/762	362/788	480/750	237/791	330/786	270/817	647/829			

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS.

iShares MSCI EAFE International Index Fund -Institutional Shares (continued)

25

FUND COMPOSITION MAIIX – Peer Univ Avg (%) Japan United Kingdom Switzerland France Germany Australia Netherlands Hong Kong Sweden Spain 5 10 15 20

FUND STATISTICS	MAIIX	Peer Univ Avg
Total number of Holdings	919	498
Total Assets (\$M)	846	6,537
P/E (12mo. trailing)	18.9	18.4
Price/Book	1.4	1.6
Market Cap (\$M)	34,787	36,274
Turnover (%) (most recent avail)	4	39
Earnings Growth Rate (12mo. trailing)	-1%	10%

TOP HOLDINGS	MAIIX
Nestle SA	2.55
Euro Stoxx 50 Jun20 Xeur 20200619	1.97
Roche Holding AG Dividend Right Cert.	1.90
Novartis AG	1.49
Nikkei 225 (Sgx) Jun20 Xsim 20200611	1.44
FTSE 100 Index Future June20	1.18
Toyota Motor Corp	1.15
AstraZeneca PLC	0.98
HSBC Holdings PLC	0.96
ASML Holding NV	0.94
% of portfolio in Top 10	14.56



Annualized Standard Deviation

Value - Growth

Jpmorgan Small Cap Equity R5

Investment Strategy Summary

The investment seeks capital growth over the long term. Under normal circumstances, the fund invests at least 80% of its assets in equity securities of small cap companies. "Assets" means net assets, plus the amount of borrowings for investment purposes. Small cap companies are companies with market capitalizations equal to those within the universe of the Russell 2000[®] Index stocks and/or with market capitalizations of less than \$4 billion at the time of purchase.

TRAILING

FUND INFORMATION	
Fund	JSERX
Inception Date	5/15/2006
Fund Family	JPMorgan Trust I
Fund Subadviser	
Portfolio Manager(s)	Don San Jose, Daniel Percella
Manager tenure (average)	9.7 years
Morningstar Category	Small Blend
Benchmark Index	Russell 2000 - Total Return

MORNINGST	AR RATING &	FUNDS PER C	ATEGORY
Overall	3 YRS	5 YRS	10 YRS
****	****	****	****
	617	503	358

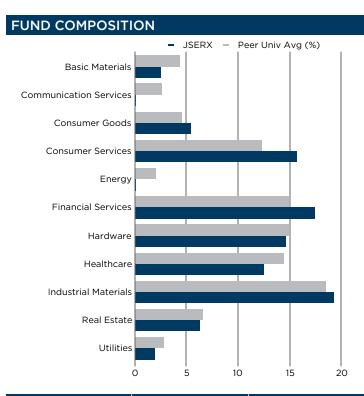
B PERFORMA	NCE						
10							
5							-
0 -5							
-10							
-15							
	QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
	5.16	-5.58	1.37	4.92	10.08	12.28	12.28

	GIR	TID	ITR	5 TR	518	IUTR	INCEPT.
• JSERX	5.16	-5.58	1.37	4.92	10.08	12.28	12.28
Benchmark	4.93	-8.69	0.39	1.77	8.00	9.85	10.97
Category Avg	4.14	-13.55	-6.62	-1.19	5.34	8.12	28.48
Category Percentile	-	-	14	2	2	1	-
Category Rank	-	-	92/658	12/617	10/503	4/358	-

CALENDAR YEAR PERFO	ALENDAR YEAR PERFORMANCE (%)													
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010				
JSERX	28.66	-8.83	15.82	22.40	-1.36	7.55	36.44	18.34	3.11	26.65				
Benchmark	25.52	-11.01	14.65	21.31	-4.41	4.89	38.82	16.35	-4.18	26.85				
Morningstar Category Avg	23.51	-12.73	12.40	20.60	-5.33	3.82	37.55	15.30	-4.27	25.61				
Morningstar Category Percentile	13	34	15	35	14	12	75	8	8	53				
Morningstar Category Rank	91/702	261/769	120/802	262/750	109/780	88/737	536/714	59/743	61/764	402/758				

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

Jpmorgan Small Cap Equity R5 (continued)



FUND STATISTICS	JSERX	Peer Univ Avg
Total number of Holdings	106	401
Total Assets (\$M)	982	1,580
P/E (12mo. trailing)	23.8	16.4
Price/Book	2.4	1.6
Market Cap (\$M)	4,585	2,374
Turnover (%) (most recent avail)	23	48
Earnings Growth Rate (12mo. trailing)	8%	16%

TOP HOLDINGS	JSERX
The Toro Co	2.51
AptarGroup Inc	2.41
Pool Corp	2.17
Catalent Inc	2.11
Performance Food Group Co	1.89
BJ's Wholesale Club Holdings Inc	1.78
Molina Healthcare Inc	1.74
Kinsale Capital Group Inc	1.72
EastGroup Properties Inc	1.65
RLI Corp	1.57
% of portfolio in Top 10	19.55

RISK STATISTICS		3 YR	5		5 YR	5	RISK/RETURN CHART - 5 YEAR	MANAGER STYLE
	FUND	BENCH	CAT	FUND	BENCH	CAT	10 - Jpmorgan Small Cap	2 Jpmorgan
Alpha	0.26	-	-0.24	0.22	-	-0.19	9.6 – Sinali Cap	1.5 Small Čap Equity R5
Beta	0.93	-	0.99	0.88	-	0.97	9.2 - 8.8 - 8.8 -	1 Russell 2000 - Total Retur
R-Squared	96.12	-	99.34	94.78	-	99.13	8.4 Category Average	8 0.5
Sharpe Ratio	0.15	0.01	-0.13	0.49	0.34	0.22	² ² 7.6	
Information Ratio	0.70	-	-1.60	0.44	-	-1.41	F 6.8	
Standard Deviation	21.48	22.68	22.47	18.06	19.91	19.46		Č -0.5
Up Capture	96.38	-	88.71	84.19	-	84.03	5.6	-1
Down Capture	91.21	-	101.35	87.18	-	99.66	4.8 -	-1.5
							4.4 - 	-2 -2 -1.5 -1 -0.5 0 0.5 1 1.5 2

Annualized Standard Deviation

Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

Value - Growth

MFS Mid Cap Growth R6

Investment Strategy Summary

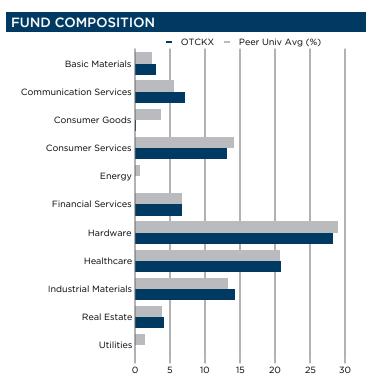
The investment seeks capital appreciation. The fund invests at least 80% of the fund's net assets in issuers with medium market capitalizations. MFS generally defines medium market capitalization issuers as issuers with market capitalizations similar to those of issuers included in the Russell Midcap[®] Growth Index over the last 13 months at the time of purchase.

FUND INFOR	MATION			TRAILING PERFORM	ANCE						
Fund		отскх		2	26						F
Inception Date		1/02/2013			24						┢
Fund Family		MFS Series Trust I	V		22						
Fund Subadviser					18						
Portfolio Manager	(s)	Eric Fischman, Pau	ıl Gordon		16 14 12 _ 						
Manager tenure (a	verage)	10.6 years		1	10 -				-	-	╞
Morningstar Categ	iory	Mid-Cap Growth			8						
Benchmark Index		Russell Midcap Gro	owth - Total Return		QTR	YTD	1 YR	3 YR	5 YR	10 YR	
				• отскх	11.39	17.95	25.48	20.04	17.94	15.67	
MORNINGST	AR RATING &	FUNDS PER C	ATEGORY	Benchmark	9.37	13.92	23.23	16.23	15.53	14.55	
Overall	3 YRS	5 YRS	10 YRS	Category Avg	10.09	13.45	22.58	14.12	13.77	12.57	
****	****	****		Category Percentile	-	-	36	18	15	14	
	557	500	380	Category Rank	-	-	219/607	100/557	75/500	53/380	

CALENDAR YEAR PERFO	ALENDAR YEAR PERFORMANCE (%)													
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010				
отскх	37.93	1.21	26.39	4.75	4.60	8.95	37.27	16.18	-6.12	28.69				
Benchmark	35.47	-4.75	25.27	7.33	-0.20	11.90	35.74	15.81	-1.65	26.38				
Morningstar Category Avg	32.30	-6.65	24.51	5.73	-1.03	6.86	34.80	13.97	-4.15	24.75				
Morningstar Category Percentile	17	9	31	55	9	32	30	29	67	24				
Morningstar Category Rank	105/618	54/605	191/617	354/644	66/733	240/749	211/703	-	-	-				

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

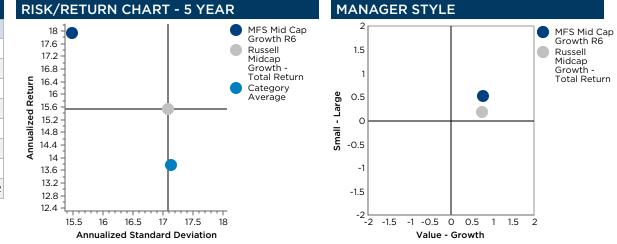
MFS Mid Cap Growth R6 (continued)



FUND STATISTICS	отскх	Peer Univ Avg
Total number of Holdings	106	118
Total Assets (\$M)	5,393	3,246
P/E (12mo. trailing)	39.1	36.3
Price/Book	5.9	5.2
Market Cap (\$M)	18,654	17,654
Turnover (%) (most recent avail)	34	45
Earnings Growth Rate (12mo. trailing)	18%	24%

TOP HOLDINGS	отскх
Cadence Design Systems Inc	2.67
Bright Horizons Family Solutions Inc	2.61
PerkinElmer Inc	2.54
Take-Two Interactive Software Inc	2.21
Monolithic Power Systems Inc	2.19
Clarivate PLC Ordinary Shares	2.16
Verisk Analytics Inc	2.12
MSCI Inc	2.06
Steris PLC	1.97
IHS Markit Ltd	1.77
% of portfolio in Top 10	22.29

RISK STATISTICS	3 YRS				5 YRS	;
	FUND	BENCH	CAT	FUND	BENCH	CAT
Alpha	0.41	-	-0.15	0.31	-	-0.12
Beta	0.88	-	1.00	0.88	-	1.00
R-Squared	96.39	-	99.11	94.87	-	98.68
Sharpe Ratio	1.01	0.72	0.61	1.08	0.84	0.74
Information Ratio	0.91	-	-1.10	0.60	-	-0.89
Standard Deviation	18.23	20.28	20.29	15.48	17.08	17.14
Up Capture	95.54	-	94.99	94.75	-	94.17
Down Capture	83.03	-	102.75	85.54	-	102.82



Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

MFS Value R6

Investment Strategy Summary

The investment seeks capital appreciation. The fund normally invests the fund's assets primarily in equity securities. Equity securities include common stocks and other securities that represent an ownership interest (or right to acquire an ownership interest) in a company or other issuer. MFS focuses on investing the fund's assets in the stocks of companies the advisor believes are undervalued compared to their perceived worth (value companies).

FUND INFORMATION	FUND INFORMATION					
Fund	MEIKX	10				
Inception Date	5/01/2006					
Fund Family	MFS Series Trust I	5				
Fund Subadviser		0				
Portfolio Manager(s)	Steven Gorham, Nevin Chitkara, Katherine Cannan	-5				
Manager tenure (average)	11.2 years	-10				
Morningstar Category	Large Value					
Benchmark Index	Russell 1000 Value - Total Return		QTR			
		• MEIKX	5.96			
MORNINGSTAR RATIN	G & FUNDS PER CATEGORY	Benchmark	5.59			

MORNINGSTAR RATING & FUNDS PER CATEGORT								
Overall	3 YRS	5 YRS	10 YRS					
****	****	****	****					
	1129	992	716					

TRAILING PERFORMANCE										
10)									
5										
С										
-5	;									
-1C)									
	QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.			
MEIKX	5.96	-7.62	-1.05	4.45	9.07	10.81	9.67			
Benchmark	5.59	-11.58	-5.03	2.63	7.66	9.95	11.44			
Category Avg	4.83	-11.25	-4.70	2.42	7.14	8.87	8.94			
Category Percentile	-	-	28	29	21	14	-			

337/1205

327/1129

208/992

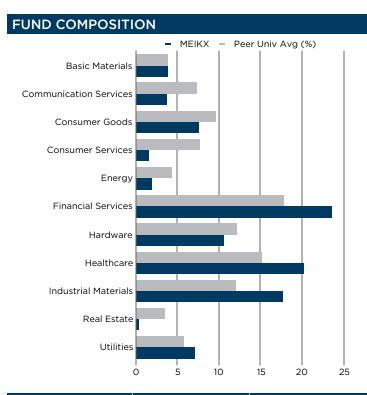
100/716

CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
MEIKX	30.18	-9.78	17.86	14.25	-0.42	10.68	35.95	16.57	-0.05	11.54
Benchmark	26.54	-8.27	13.66	17.34	-3.83	13.45	32.53	17.51	0.39	15.51
Morningstar Category Avg	24.99	-8.60	16.07	14.59	-4.08	10.15	31.15	14.55	-0.84	13.59
Morningstar Category Percentile	9	67	31	51	11	49	12	27	42	77
Morningstar Category Rank	109/1209	833/1244	391/1260	647/1268	152/1378	632/1290	146/1213	326/1208	528/1258	955/1240

Category Rank

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

MFS Value R6 (continued)



FUND STATISTICS	MEIKX	Peer Univ Avg
Total number of Holdings	79	125
Total Assets (\$M)	15,957	4,064
P/E (12mo. trailing)	19.1	16.8
Price/Book	2.2	2.0
Market Cap (\$M)	83,154	66,099
Turnover (%) (most recent avail)	16	53
Earnings Growth Rate (12mo. trailing)	9%	15%

TOP HOLDINGS	MEIKX
Johnson & Johnson	4.10
JPMorgan Chase & Co	3.74
Comcast Corp Class A	3.33
Medtronic PLC	2.90
Accenture PLC Class A	2.60
Honeywell International Inc	2.56
Aon PLC	2.53
Texas Instruments Inc	2.51
Duke Energy Corp	2.39
Northrop Grumman Corp	2.27
% of portfolio in Top 10	28.93

RISK STATISTICS		3 YRS	5		5 YR	5	RISK/RETURN CHART - 5 YEAR	MANAGER STYLE
	FUND	BENCH	CAT	FUND	BENCH	CAT	9.2 1 MFS Value R6	2 MFS Value R6
Alpha	0.15	-	-0.02	0.14	-	-0.03	8.8 - Value - Total	1.5 Russell 1000 Value - Total
Beta	0.94	-	0.99	0.94	-	0.99	8.6 - Return c 8.4 - Category	1 Return
R-Squared	98.08	-	99.64	97.51	-	99.50	E 8.4 – Average B 8.2 – Average B 8 –	% 0.5
Sharpe Ratio	0.16	0.05	0.04	0.54	0.42	0.39		
Information Ratio	0.70	-	-0.20	0.57	-	-0.47	T .6 -	- 0.5
Standard Deviation	17.17	18.08	17.96	14.61	15.37	15.24	7.4 - 4 7.2 -	Š -0.5
Up Capture	99.18	-	99.25	97.10	-	95.57	7-	-1
Down Capture	93.71	-	100.24	92.44	-	99.43	6.8 - 6.6 -	-1.5
							6.4 15 15.5	-2 -2 -1.5 -1 -0.5 0 0.5 1 1.5 2

Annualized Standard Deviation

Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

Value - Growth

Nationwide Bailard International Equities Fund R6

Investment Strategy Summary

The investment seeks long-term capital appreciation. The fund will invest at least 80% of its net assets in the equity securities of issuers located in developed and, to a lesser extent, emerging market countries around the world. It will normally invest in established companies in Europe, the United Kingdom, Japan, Asia, Australia and Canada, among other areas. Under normal market conditions, the fund's holdings are spread across multiple industries and geographic regions.

FUND INFORMATION	
Fund	NWHMX
Inception Date	9/18/2013
Fund Family	Nationwide Mutual Funds
Fund Subadviser	Bailard, Inc.
Portfolio Manager(s)	Peter Hill, Eric Leve, Daniel McKellar
Manager tenure (average)	8.7 years
Morningstar Category	Foreign Large Blend
Benchmark Index	MSCI EAFE - Net Return

MORNINGSTAR RATING & FUNDS PER CATEGORY										
Overall	all 3 YRS 5 YRS 10 YRS									
**	**	**								
	647	548	363							

TRAILING PERFORMA	NCE						
8							
6							
4							
2	-				-	-	
0							
-2		-					
-4		-					
-6							
-8							
	QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
• NWHMX	5.52	-6.00	2.05	-1.61	3.14	4.04	7.34
Benchmark	4.80	-7.09	0.49	0.62	5.26	4.62	8.39
Category Avg	5.80	-5.86	2.03	0.51	5.02	4.14	6.06
Category Percentile	-	-	46	85	92	71	-

350/761

550/647

504/548

258/363

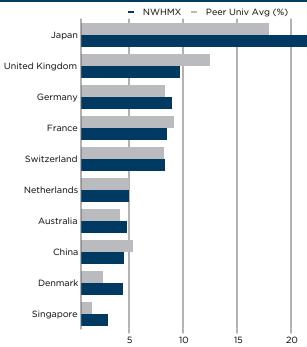
CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
NWHMX	21.72	-19.79	24.68	-2.13	0.93	-1.90	21.84	21.07	-15.39	12.01
Benchmark	22.01	-13.79	25.03	1.00	-0.81	-4.90	22.78	17.32	-12.14	7.75
Morningstar Category Avg	21.46	-14.59	25.42	0.67	-1.64	-5.16	19.29	18.31	-13.90	10.25
Morningstar Category Percentile	48	94	62	83	23	15	28	16	77	32
Morningstar Category Rank	351/732	697/741	469/756	632/762	181/788	112/750	221/791	-	-	-

Category Rank

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS.

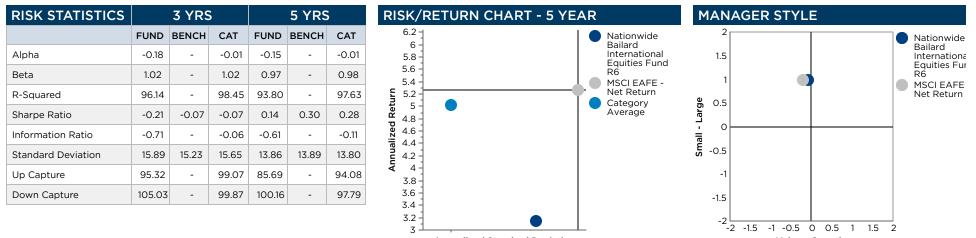
Nationwide Bailard International Equities Fund R6 (continued)

FUND COMPOSITION



FUND STATISTICS	NWHMX	Peer Univ Avg
Total number of Holdings	188	498
Total Assets (\$M)	6	6,537
P/E (12mo. trailing)	16.2	18.4
Price/Book	1.6	1.6
Market Cap (\$M)	42,772	36,274
Turnover (%) (most recent avail)	@NA	39
Earnings Growth Rate (12mo. trailing)	3%	10%

TOP HOLDINGS	NWHMX
Nestle SA	2.17
Roche Holding AG Dividend Right Cert.	2.08
ASML Holding NV ADR	1.55
Schneider Electric SE	1.49
Novo Nordisk A/S B	1.47
Novartis AG	1.34
Air Liquide SA	1.24
AstraZeneca PLC ADR	1.18
Logitech International SA	1.18
SAP SE	1.12
% of portfolio in Top 10	14.82



Value - Growth

Prudential Total Return Bond Fund Class Z

Investment Strategy Summary

The investment seeks total return. The fund will seek to achieve its objective through a mix of current income and capital appreciation as determined by the fund's subadviser. It invests, under normal circumstances, at least 80% of the fund's investable assets in bonds. For purposes of this policy, bonds include all fixed income securities, other than preferred stock, with a maturity at date of issue of greater than one year. The fund may invest up to 30% of its investable assets in speculative, high risk, below investment-grade securities having a rating of not lower than CCC. It may invest up to 30% of its investable assets in foreign debt securities.

FUND INFORMATION	
Fund	PDBZX
Inception Date	9/16/1996
Fund Family	Prudential Investment Portfolios, Inc. 17
Fund Subadviser	Prudential Investment Management, Inc.
Portfolio Manager(s)	Robert Tipp, Michael Collins, Richard Piccirillo
Manager tenure (average)	10.7 years
Morningstar Category	Intermediate Core-Plus Bond
Benchmark Index	Bloomberg Barclays US Aggregate

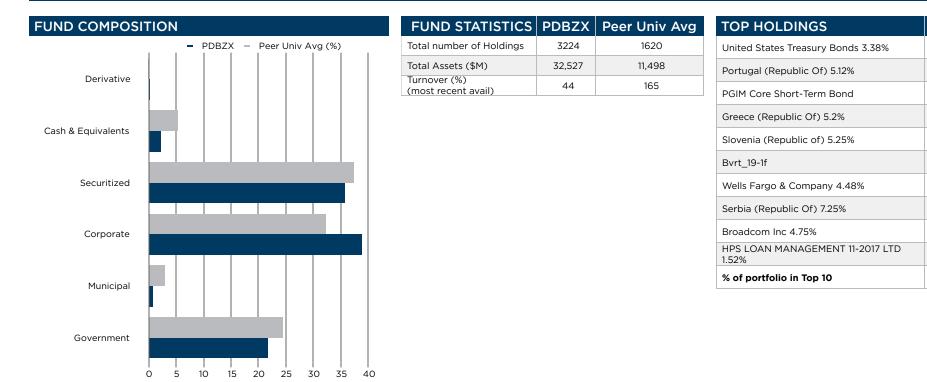
MORNINGSTAR RATING & FUNDS PER CATEGORY							
Overall	3 YRS	5 YRS	10 YRS				
****	****	****	****				
	537	459	341				

TRAILING PERFORM	ANCE						
7							
6							
5							
4		-	-	-			-
3			_	_			
2							
1							
	QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
• PDBZX	1.75	5.51	5.86	5.54	5.22	4.97	6.21
Benchmark	0.62	6.79	6.98	5.24	4.18	3.64	7.34
Category Avg	0.94	6.52	6.65	4.80	4.09	3.60	6.41
Category Percentile	-	-	67	20	11	7	-
Category Rank	-	-	405/605	107/537	50/459	24/341	-

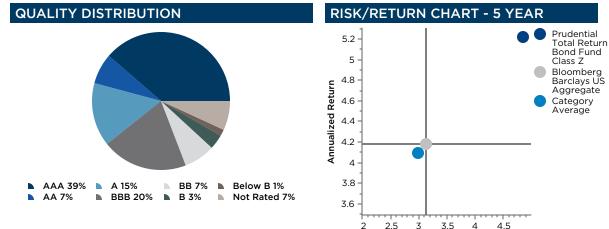
CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
PDBZX	11.03	-0.73	6.62	4.82	-0.04	7.09	-0.92	9.82	7.78	9.93
Benchmark	8.72	0.01	3.54	2.65	0.55	5.97	-2.02	4.21	7.84	6.54
Morningstar Category Avg	8.29	-0.52	3.76	3.24	-0.27	5.13	-1.38	6.85	5.78	7.71
Morningstar Category Percentile	8	60	2	13	50	6	28	15	10	14
Morningstar Category Rank	49/613	611/1019	20/986	128/985	521/1042	62/1038	302/1079	175/1165	120/1195	163/1164

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS.

Prudential Total Return Bond Fund Class Z (continued)



RISK STATISTICS	3 YRS			5 YRS		
	FUND	BENCH	CAT	FUND	BENCH	CAT
Alpha	-0.08	-	-0.00	0.01	-	0.02
Beta	1.27	-	0.93	1.23	-	0.91
R-Squared	56.65	-	91.68	62.94	-	92.00
Sharpe Ratio	0.69	1.08	0.98	0.84	0.97	0.98
Information Ratio	0.08	-	-0.46	0.34	-	-0.10
Standard Deviation	5.61	3.32	3.21	4.85	3.13	2.98
Up Capture	131.97	-	93.69	140.92	-	96.45
Down Capture	174.06	-	100.22	145.50	-	95.35



Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

Annualized Standard Deviation

PDBZX

2.06

1.29

1.06

0.52

0.49

0.47

0.45

0.44

0.40

0.39

7.57

Pimco Income Fund Insti Class

Investment Strategy Summary

The investment seeks to maximize current income; long-term capital appreciation is a secondary objective. The fund invests at least 65% of its total assets in a multi-sector portfolio of Fixed Income Instruments of varying maturities, which may be represented by forwards or derivatives such as options, futures contracts or swap agreements. It may invest up to 50% of its total assets in high yield securities rated below investment grade by Moody's, S&P or Fitch, or if unrated, as determined by PIMCO.

FUND INFORMATION	
Fund	PIMIX
Inception Date	3/30/2007
Fund Family	PIMCO Funds
Fund Subadviser	
Portfolio Manager(s)	Daniel Ivascyn, Alfred Murata, Joshua Anderson
Manager tenure (average)	7.7 years
Morningstar Category	Multisector Bond
Benchmark Index	Bloomberg Barclays US Aggregate

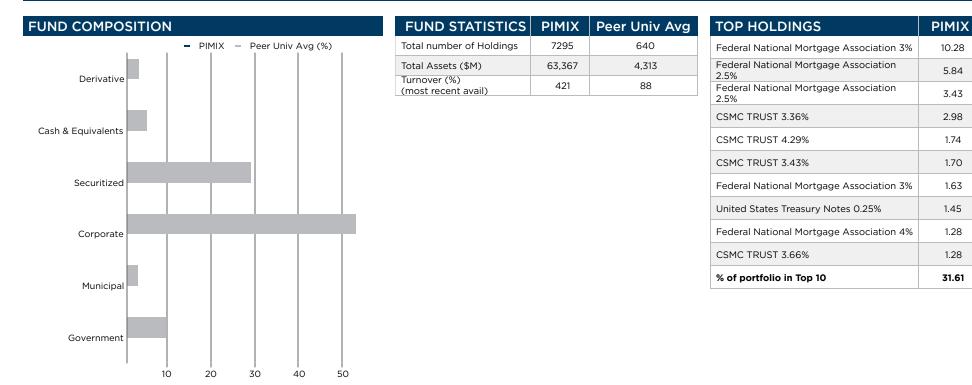
MORNINGSTAR RATING & FUNDS PER CATEGORY							
Overall	3 YRS	5 YRS	10 YRS				
****	****	****	****				
	292	248	133				

TRAILING PERFOR	MANCE						
	8						
	7						-
	6		_				_
	5		_			_	-
	4		_ +	_			-
	3				_		
	2			-	_	_	
	1						
	QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
• PIMIX	3.01	1.28	3.84	3.63	5.49	7.03	7.87
Benchmark	0.62	6.79	6.98	5.24	4.18	3.64	7.34
Category Avg	2.78	0.77	2.03	3.07	4.22	4.04	7.31
Category Percentile	-	-	35	36	12	1	-
Category Rank	-	-	116/330	105/292	30/248	1/133	-

CALENDAR YEAR PERFORMANCE (%)											
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	
ΡΙΜΙΧ	8.05	0.58	8.60	8.72	2.63	7.18	4.80	22.17	6.36	20.46	
Benchmark	8.72	0.01	3.54	2.65	0.55	5.97	-2.02	4.21	7.84	6.54	
Morningstar Category Avg	9.68	-1.57	6.13	7.09	-2.03	3.42	2.15	11.60	2.90	10.59	
Morningstar Category Percentile	78	15	10	31	3	6	18	1	6	1	
Morningstar Category Rank	236/302	49/326	32/321	93/299	9/304	17/276	55/308	3/283	15/250	3/268	

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS.

Pimco Income Fund Insti Class (continued)



RISK STATISTICS		3 YRS	5		5 YRS	5	QUALITY DISTRIBUTION	RISK/RETURN CHART -
	FUND	BENCH	CAT	FUND	BENCH	CAT		
Alpha	0.14	-	-0.04	0.34	-	0.13		5.4 -
Beta	0.40	-	0.72	0.32	-	0.66		5.2 - - 5 -
R-Squared	5.69	-	13.19	5.09	-	13.98		1 4.8 -
Sharpe Ratio	0.36	1.08	0.21	0.96	0.97	0.55	No Data	
Information Ratio	-0.28	-	-0.35	0.27	-	0.01		4.4 –
Standard Deviation	5.51	3.32	6.61	4.50	3.13	5.52		4.2
Up Capture	66.99	-	83.85	87.94	-	102.27		4 -
Down Capture	69.23	-	142.75	15.61	-	103.49		3.8 - 3.6 -

Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

3 3.5 4 4.5 5 5.5 6 Annualized Standard Deviation

TIAA-CREF Real Estate Sec Instl

Investment Strategy Summary

The investment seeks to obtain a favorable long-term total return through both capital appreciation and current income, by investing primarily in equity securities of companies principally engaged in or related to the real estate industry. The fund invests at least 80% of its assets in the securities of companies that are principally engaged in or related to the real estate industry, including those that own significant real estate assets. It may invest up to 15% of its assets in real estate securities of foreign issuers and up to 20% of its assets in equity and debt securities of issuers that are not engaged in or related to the real estate to the real estate securities of issuers that are not engaged in or related to the real estate to the real estate industry.

TRAILING PEI

FUND INFORMATION									
Fund	TIREX								
Inception Date	10/01/2002								
Fund Family	Tiaa-cref Funds								
Fund Subadviser									
Portfolio Manager(s)	David Copp, Brendan Lee								
Manager tenure (average)	14.5 years								
Morningstar Category	Real Estate								
Benchmark Index	FTSE Nareit All Equity REITs Total Return								

MORNINGSTAR RATING & FUNDS PER CATEGORY											
Overall	Overall 3 YRS 5 YRS 10 YRS										
****	****	****	****								
	224	197	141								

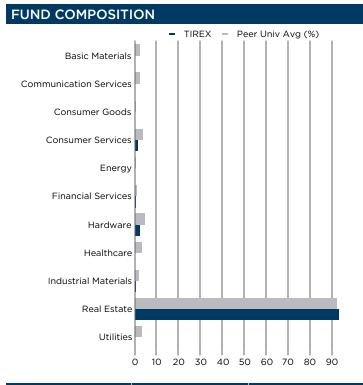
RFORMA	NCE						
10							
-							
5							
0							
-5							
-10							
-15			I				
	075	VTD	1.10	7.1/5	E \/B	10.10	INCEPT

	QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
• TIREX	2.64	-6.48	-5.93	6.89	8.10	10.07	10.26
Benchmark	1.19	-12.27	-12.15	3.54	6.61	9.20	11.33
Category Avg	2.31	-14.49	-13.96	1.45	4.22	7.55	9.26
Category Percentile	-	-	10	4	4	3	-
Category Rank	-	-	25/253	9/224	8/197	4/141	-

CALENDAR YEAR PERFORMANCE (%)											
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	
TIREX	31.09	-4.04	12.29	4.38	4.62	28.13	1.71	19.55	6.97	31.10	
Benchmark	28.66	-4.04	8.67	8.63	2.83	28.03	2.86	19.70	8.28	27.95	
Morningstar Category Avg	27.36	-6.10	5.75	6.65	2.39	27.92	1.63	17.64	7.24	26.76	
Morningstar Category Percentile	14	21	7	85	10	71	47	12	62	9	
Morningstar Category Rank	36/256	53/251	18/257	227/267	28/282	195/274	122/259	32/263	150/242	24/267	

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

TIAA-CREF Real Estate Sec Instl (continued)



FUND STATISTICS	TIREX	Peer Univ Avg
Total number of Holdings	75	74
Total Assets (\$M)	1,843	2,000
P/E (12mo. trailing)	48.3	41.8
Price/Book	2.5	2.1
Market Cap (\$M)	21,148	14,789
Turnover (%) (most recent avail)	39	55
Earnings Growth Rate (12mo. trailing)	5%	11%

TOP HOLDINGS	TIREX
American Tower Corp	9.02
Prologis Inc	7.19
Equinix Inc	6.52
Crown Castle International Corp	4.31
Sun Communities Inc	3.86
Equity Lifestyle Properties Inc	3.48
Rexford Industrial Realty Inc	3.39
Digital Realty Trust Inc	3.07
SBA Communications Corp	2.94
Invitation Homes Inc	2.93
% of portfolio in Top 10	46.69

RISK STATISTICS		3 YRS	5		5 YR	5	RISK/RETURN CHART - 5 YEAR	MANAGER STYLE
	FUND	BENCH	CAT	FUND	BENCH	CAT	8 - TIAA-CREF Real Estate	
Alpha	0.28	-	-0.17	0.15	-	-0.19	7.6 - Sec Instl	1.5 Real Estate Sec Instl
Beta	0.92	-	1.04	0.92	-	1.02	7.2 - FTSE Nareit All Equity REITS Total	1 FTSE Nareit All Equity
R-Squared	98.49	-	98.62	97.95	-	98.43	6.8 - Refurn 6.4 - Category	B 0.5
Sharpe Ratio	0.33	0.11	-0.01	0.48	0.35	0.19	g 6	
Information Ratio	1.37	-	-0.92	0.62	-	-1.19	<u></u> 5.6 –	
Standard Deviation	16.04	17.36	18.22	14.48	15.55	15.92	5.2 - 4.8 -	₩ 80.5
Up Capture	105.66	-	94.02	101.12	-	88.54	4.4 -	-1
Down Capture	90.74	-	104.08	94.56	-	102.82	4 - 3.6 -	-1.5
							5.0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	-2 -2 -2 -1.5 -1 -0.5 0 0.5 1 1.5 2

Annualized Standard Deviation

Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

Value - Growth

Vanguard 500 Index Fd Admiral Shs

Investment Strategy Summary

The investment seeks to track the performance of a benchmark index that measures the investment return of large-capitalization stocks. The fund employs an indexing investment approach designed to track the performance of the Standard & Poor's 500 Index, a widely recognized benchmark of U.S. stock market performance that is dominated by the stocks of large U.S. companies. The advisor attempts to replicate the target index by investing all, or substantially all, of its assets in the stocks that make up the index, holding each stock in approximately the same proportion as its weighting in the index.

FUND INFORMATION									
Fund	VFIAX								
Inception Date	11/13/2000								
Fund Family	Vanguard Index Funds								
Fund Subadviser									
Portfolio Manager(s)	Donald Butler, Michelle Louie								
Manager tenure (average)	3.6 years								
Morningstar Category	Large Blend								
Benchmark Index	S&P 500 - Net Return								

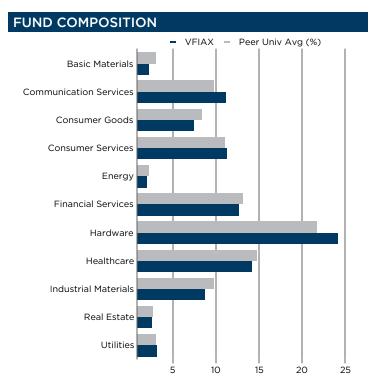
MORNINGSTAR RATING & FUNDS PER CATEGORY											
Overall	I 3 YRS 5 YRS 10 YRS										
****	****	****	****								
	1229	1066	819								



CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
VFIAX	31.46	-4.43	21.79	11.93	1.36	13.64	32.33	15.96	2.08	15.05
Benchmark	30.70	-4.94	21.10	11.23	0.75	12.99	31.55	15.22	1.47	14.37
Morningstar Category Avg	28.62	-6.24	20.45	10.06	-1.46	10.73	31.32	14.85	-1.40	14.18
Morningstar Category Percentile	24	27	29	27	20	18	42	35	17	29
Morningstar Category Rank	333/1387	379/1402	405/1396	380/1409	321/1606	282/1568	655/1559	590/1686	304/1786	583/2010

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

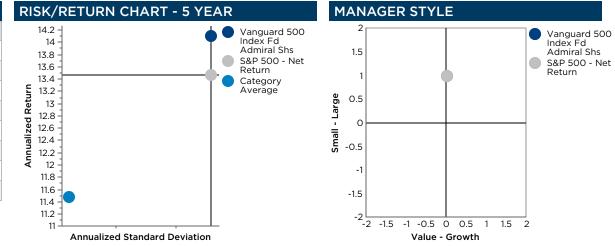
Vanguard 500 Index Fd Admiral Shs (continued)



FUND STATISTICS	VFIAX	Peer Univ Avg
Total number of Holdings	514	291
Total Assets (\$M)	324,067	12,488
P/E (12mo. trailing)	23.3	22.3
Price/Book	3.2	3.2
Market Cap (\$M)	156,776	117,240
Turnover (%) (most recent avail)	2	47
Earnings Growth Rate (12mo. trailing)	11%	19%

TOP HOLDINGS	VFIAX
Apple Inc	6.68
Microsoft Corp	5.72
Amazon.com Inc	4.81
Facebook Inc A	2.26
Alphabet Inc A	1.58
Alphabet Inc Class C	1.55
Berkshire Hathaway Inc Class B	1.49
Johnson & Johnson	1.41
Procter & Gamble Co	1.24
Visa Inc Class A	1.20
% of portfolio in Top 10	27.95

RISK STATISTICS	3 YRS			5 YRS			
	FUND	BENCH	CAT	FUND	BENCH	CAT	
Alpha	0.05	-	-0.15	0.05	-	-0.13	
Beta	1.00	-	0.98	1.00	-	0.98	
R-Squared	100.00	-	99.57	100.00	-	99.46	
Sharpe Ratio	0.61	0.57	0.45	0.88	0.83	0.71	
Information Ratio	11.75	-	-1.87	11.14	-	-1.80	
Standard Deviation	17.50	17.49	17.21	14.76	14.76	14.52	
Up Capture	101.98	-	90.92	102.99	-	90.23	
Down Capture	99.37	-	100.56	99.23	-	101.57	



Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

Vanguard Mid-Cap Index Fund Admiral Shares

Investment Strategy Summary

The investment seeks to track the performance of a benchmark index that measures the investment return of mid-capitalization stocks. The fund employs an indexing investment approach designed to track the performance of the CRSP US Mid Cap Index, a broadly diversified index of stocks of mid-size U.S. companies. The advisor attempts to replicate the target index by investing all, or substantially all, of its assets in the stocks that make up the index, holding each stock in approximately the same proportion as its weighting in the index.

FUND INFORMATION	
Fund	VIMAX
Inception Date	11/12/2001
Fund Family	Vanguard Index Funds
Fund Subadviser	
Portfolio Manager(s)	Donald Butler, Michael Johnson
Manager tenure (average)	13.4 years
Morningstar Category	Mid-Cap Blend
Benchmark Index	CRSP US Mid Cap - Total Return

MORNINGSTAR RATING & FUNDS PER CATEGORY								
Overall	3 YRS	5 YRS	10 YRS					
****	****	****	****					
	368	295	213					

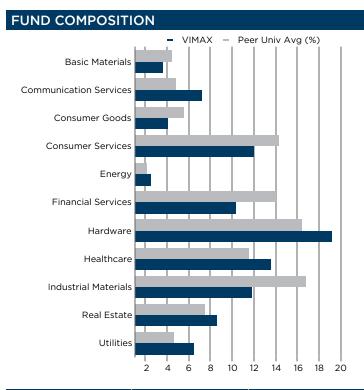
TRAILING PERFORMA	NCE						
10 5 0							
-5	QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
	7.95	0.19	7.08	7.98	10.33	11.97	9.79

	QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.
	7.95	0.19	7.08	7.98	10.33	11.97	9.79
Benchmark	7.95	0.18	7.07	7.99	10.36	-	10.41
Category Avg	6.29	-7.05	-0.51	3.04	6.96	9.05	10.86
Category Percentile	-	-	11	11	13	7	-
Category Rank	-	-	44/403	40/368	38/295	15/213	-

CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
VIMAX	31.03	-9.23	19.25	11.22	-1.34	13.76	35.15	15.99	-1.97	25.59
Benchmark	31.09	-9.22	19.30	11.25	-1.28	13.83	35.27	16.69	-	-
Morningstar Category Avg	25.87	-11.33	15.86	13.65	-4.51	7.83	34.35	15.85	-4.11	22.70
Morningstar Category Percentile	13	32	17	73	36	5	41	55	33	28
Morningstar Category Rank	53/404	148/464	75/443	312/427	156/432	18/369	164/399	227/412	140/424	121/433

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

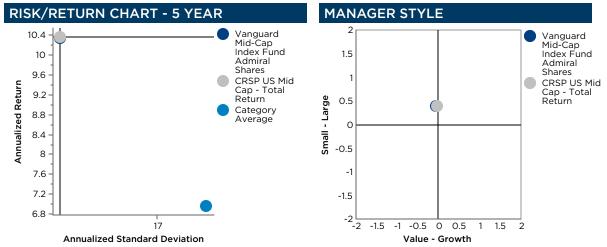
Vanguard Mid-Cap Index Fund Admiral Shares (continued)



FUND STATISTICS	VIMAX	Peer Univ Avg
Total number of Holdings	351	283
Total Assets (\$M)	45,751	3,447
P/E (12mo. trailing)	22.8	19.7
Price/Book	2.5	2.1
Market Cap (\$M)	19,321	10,930
Turnover (%) (most recent avail)	11	42
Earnings Growth Rate (12mo. trailing)	13%	18%

TOP HOLDINGS	VIMAX
DexCom Inc	0.82
Digital Realty Trust Inc	0.82
Lululemon Athletica Inc	0.81
DocuSign Inc	0.78
Veeva Systems Inc Class A	0.78
SBA Communications Corp	0.74
Chipotle Mexican Grill Inc Class A	0.72
Twilio Inc A	0.71
Centene Corp	0.70
Twitter Inc	0.69
% of portfolio in Top 10	7.57

RISK STATISTICS	3 YRS			5 YRS			
	FUND	BENCH	CAT	FUND	BENCH	CAT	
Alpha	-0.00	-	-0.39	-0.00	-	-0.26	
Beta	1.00	-	1.00	1.00	-	1.00	
R-Squared	100.00	-	99.02	100.00	-	98.03	
Sharpe Ratio	0.31	0.32	0.07	0.54	0.54	0.34	
Information Ratio	-0.55	-	-2.47	-0.90	-	-1.42	
Standard Deviation	20.09	20.09	20.28	16.92	16.92	17.04	
Up Capture	99.97	-	88.99	99.86	-	89.67	
Down Capture	100.03	-	107.92	100.01	-	106.33	



Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

Vanguard Small-Cap Value Index Fd Inst Shs

Investment Strategy Summary

The investment seeks to track the performance of a benchmark index that measures the investment return of small-capitalization value stocks. The fund employs an indexing investment approach designed to track the performance of the CRSP US Small Cap Value Index, a broadly diversified index of value stocks of small U.S. companies. The advisor attempts to replicate the target index by investing all, or substantially all, of its assets in the stocks that make up the index, holding each stock in approximately the same proportion as its weighting in the index.

TRAILIN

FUND INFORMATION	
Fund	VSIIX
Inception Date	12/07/1999
Fund Family	Vanguard Index Funds
Fund Subadviser	
Portfolio Manager(s)	William Coleman, Gerard O'Reilly
Manager tenure (average)	4.4 years
Morningstar Category	Small Value
Benchmark Index	CRSP US Small Value - Total Return

MORNINGSTAR RATING & FUNDS PER CATEGORY								
Overall	3 YRS	5 YRS	10 YRS					
****	****	****	****					
	387	356	254					

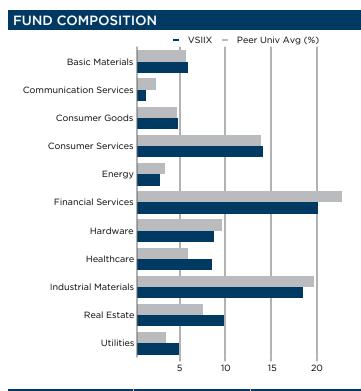
IG PERFORMANCE											
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-10	o		+								
-1!	5										
-20											
	QTR	YTD	1 YR	3 YR	5 YR	10 YR	INCEPT.				
	4.03	-18.15	-12.29	-2.65	4.81	8.71	7.45				
ark	4.00	-18.22	-12.39	-2.71	4.79	-	8.26				

				• • • •	•		
• VSIIX	4.03	-18.15	-12.29	-2.65	4.81	8.71	7.45
Benchmark	4.00	-18.22	-12.39	-2.71	4.79	-	8.26
Category Avg	2.92	-20.62	-14.29	-5.54	2.64	6.47	8.09
Category Percentile	-	-	25	15	16	5	-
Category Rank	-	-	104/416	58/387	57/356	13/254	-

CALENDAR YEAR PERFORMANCE (%)										
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
VSIIX	22.81	-12.23	11.80	24.80	-4.67	10.59	36.55	18.78	-3.97	24.97
Benchmark	22.76	-12.27	11.83	24.82	-4.64	10.63	38.47	-	-	-
Morningstar Category Avg	21.21	-15.38	9.10	25.74	-7.01	3.30	36.20	16.02	-4.34	25.74
Morningstar Category Percentile	34	17	23	61	37	2	45	25	48	62
Morningstar Category Rank	142/419	71/417	91/397	247/405	160/433	8/396	166/369	89/357	169/352	212/342

PERFORMANCE SHOWN REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. The target date is the approximate date when investors plan to start withdrawals. The Funds offer continuous rebalancing over time to become more conservative as investors approach their planned retirement date. The principal value of the Funds are not guaranteed at any time, including the target date.

Vanguard Small-Cap Value Index Fd Inst Shs (continued)



FUND STATISTICS	VSIIX	Peer Univ Avg
Total number of Holdings	899	242
Total Assets (\$M)	2,974	1,161
P/E (12mo. trailing)	14.3	13.4
Price/Book	1.2	1.1
Market Cap (\$M)	3,765	1,844
Turnover (%) (most recent avail)	11	69
Earnings Growth Rate (12mo. trailing)	4%	14%

TOP HOLDINGS	VSIIX
PerkinElmer Inc	0.70
IDEX Corp	0.69
Generac Holdings Inc	0.61
Atmos Energy Corp	0.59
Booz Allen Hamilton Holding Corp Class A	0.57
Brown & Brown Inc	0.54
Molina Healthcare Inc	0.54
RPM International Inc	0.54
VICI Properties Inc Ordinary Shares	0.54
Essential Utilities Inc	0.49
% of portfolio in Top 10	5.80

RISK STATISTICS		3 YRS	5		5 YRS	5	RISK/RETURN CHART - 5 YEAR	MANAGER STYLE
	FUND	BENCH	CAT	FUND	BENCH	CAT	4.8 - Vanguard Small-Cap	2 Vanguard
Alpha	0.00	-	-0.22	0.00	-	-0.18	4.6 - Value Index Fd Inst Shs	x 1.5 Value Index
Beta	1.00	-	1.04	1.00	-	1.05	4.4 - CRSP US	1 CRSP US
R-Squared	100.00	-	99.03	100.00	-	98.64	4.2 - Total Return 4 - Category	
Sharpe Ratio	-0.19	-0.19	-0.30	0.18	0.18	0.07	z 3.8 -	
Information Ratio	0.99	-	-1.09	0.45	-	-0.81	3.8	
Standard Deviation	23.11	23.12	24.26	19.86	19.86	20.99		-0.5
Up Capture	100.13	-	99.52	100.02	-	100.95	 ◀ 3.2 - 3 - 	-1
Down Capture	99.94	-	105.56	99.95	-	105.20	2.8 -	-1.5
							2.6 - 1	-2
							20 20.5 21 Annualized Standard Deviation	-2 -1.5 -1 -0.5 0 0.5 1 1.5 2 Value - Growth

Source: FactSet and Morningstar. All data is as of 09/30/2020 unless otherwise noted. For more information on the terms used on these pages, please see the end of this presentation.

Investment Performance Ratings

The following pages illustrate each investment option's performance over the specified time periods versus a benchmark index and its respective Morningstar Category average. In addition, each option's Morningstar Ratings are shown.

The Morningstar Category identifies funds based on their actual investment styles as measured by their underlying portfolio holdings (portfolio statistics and compositions over the past three years). If the fund is new and has no portfolio, Morningstar estimates where it will fall before assigning a more permanent category. When necessary, Morningstar may change a category assignment based on current information. It is not possible to invest directly in a Morningstar category.

Morningstar rates investments from one to five stars based on how well they've performed (excluding the effects of sales charges and loads) in comparison to similar investments. Within each Morningstar Category, the top 10% of investments receive five stars, the next 22.5% four stars, the middle 35% three stars, the next 22.5% two stars, and the bottom 10% receive one star. Investments are rated for up to three time periods – 3, 5, and 10 years, and these ratings are combined to produce an overall rating. Investments with less than three years of history are not rated. Ratings are objective, based entirely on a mathematical evaluation of past performance. They're a useful tool for identifying investments worthy of further research, but shouldn't be considered buy or sell recommendations.

Ratings are based on specific class performance of each fund. Current fund performance may be higher or lower, which may change a fund's star rating. Despite high ratings, funds may have experienced negative performance during the period. Performance may reflect a waiver of part of a fund's fees for certain periods since inception, without which returns would have been lower. A class share ratings no longer reflect sales charges. As of November 1, 2016, Morningstar no longer provides ratings for load-adjusted share classes.

Keep in mind that the rating is based solely on historical performance, and a highly rated offering may no longer have the portfolio manager responsible for that performance. Or – conversely – a lower-rated or non-rated offering might now employ a manager who produced excellent results with other managed investment products. Also, because ratings are based on performance within specific categories, it's important to note that not all five-star offerings are equal or even interchangeable. A five-star sector fund, for example, might have the best risk-adjusted return within its specific category, but it is probably far riskier than a highly rated diversified offering. Rather than choosing investments according to their ratings, investors should first decide on an overall portfolio strategy and then seek the best investments for each portion of their portfolio. The Morningstar Rating can then be used to identify possible candidates, but you should never make a buy or sell decision based solely on the rating.

For information on the number of funds in each option's respective Morningstar category, please consult the following Individual Fund Profiles.

Glossary

Alpha: A measure of performance on a riskadjusted basis. Alpha takes the volatility (price risk) of a mutual fund and compares its riskadjusted performance to a benchmark index. The excess return of the fund relative to the return of the benchmark index is a fund's alpha.

Beta: A measure of a fund's sensitivity to market movements. A portfolio with a beta greater than one is more volatile than the market, and a portfolio with a beta less than one is less volatile than the market.

Information Ratio: A ratio of portfolio returns above the returns of a benchmark index to the volatility of those returns. The information ratio (IR) measures a portfolio manager's ability to generate excess returns relative to a benchmark, but also attempts to identify the consistency of the investor. This ratio will identify if a manager has beaten the benchmark by a lot in a few months or a little every month. The higher the IR the more consistent a manager is and consistency is an ideal trait.

Market Cap (\$M): Indicates the overall "size" of a stock fund's portfolio by averaging the geometric mean of the market capitalization for all of the stocks it owns. It is calculated by raising the market capitalization of each stock to a power equal to that stock's stake in the portfolio. The resulting numbers are multiplied together to produce the geometric mean of the market caps of the stocks in the portfolio, which is reported as average market capitalization expressed in millions of U.S. Dollars.

Price/Book Ratio: The price of a share of stock divided by book value per share.

Price/Earnings Ratio: The price of a share of stock divided by earnings per share.

R-Squared: A measure that indicates the percentage of a fund's movements that can be explained by movements in it benchmark index. An R-squared of 100 indicates that all movements of a fund can be explained by movements in the index, and a low R-squared indicates that very few of the fund's movements can be explained by movements in its benchmark index.

Sharpe Ratio: A ratio developed to measure riskadjusted performance. The Sharpe ratio is calculated by subtracting the risk-free rate – such as that of the 3-month U.S. Treasury bond – from the rate of return for a portfolio and dividing the result by the standard deviation of the portfolio returns.

Standard Deviation: A statistical measure of the volatility of the fund's returns.

Turnover: A measure of the trading activity in a fund's investment portfolio; in essence, how often securities are bought and sold by a fund. A turnover ratio of 100% means that on average, all of a fund's portfolio holdings are bought and sold once a year.

Up/Down Market Capture: A statistical measure of a fund's overall performance in up- or downmarkets relative to an index during periods when the market is up (Up Market Capture) or down (Down Market Capture). The ratio is calculated by dividing the manager's returns by the returns of the index during the up- or down-market, and multiplying that factor by 100.

A Word about Morningstar Ratings

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Keep in mind that the rating is based solely on historical performance, and a highly rated offering may no longer have the portfolio manager responsible for that performance. Or - conversely - a lower-rated or non-rated offering might now employ a manager who produced excellent results with other managed investment products. Also, because ratings are based on performance within specific categories, it's important to note that not all five-star offerings are equal or even interchangeable. A five-star sector fund, for example, might have the best risk-adjusted return within its specific category, but it is probably far riskier than a highly rated diversified offering. Rather than choosing investments according to their ratings, investors should first decide on an overall portfolio strategy and then seek the best investments for each portion of their portfolio. The Morningstar Rating can then be used to identify possible candidates, but you should never make a buy or sell decision based solely on the rating.