

MassMutual@WORK

Your Plan Review

MassMutual @work for you

Washoe County Deferred Compensation Plan

Current Period: July 1, 2018 - September 30, 2018

Prior Period: April 1, 2018 - June 30, 2018

Executive Summary

Plan Statistics			
	6/30/2018	9/30/2018	Plan Trend
Total Plan Assets	\$160,823,867	\$165,479,185	▲ 3%
Total Outstanding Loan Balances	\$2,614,253	\$2,686,632	▲ 3%
Participant Contributions			
Participant	\$2,352,220	\$2,916,770	▲ 24%
Rollover	\$333,351	\$445,071	▲ 34%
Transferred Assets	\$8,581	\$6,797	▼ 21%
Distributions			
Withdrawals	(\$1,674,247)	(\$1,458,472)	▼ 13%
Terminations	(\$2,557,510)	(\$1,462,075)	▼ 43%
Loans	(\$501,690)	(\$376,013)	▼ 25%
Expenses*	(\$56,550)	(\$57,111)	▲ 0%
Investment Income	\$3,178,772	\$4,607,446	▲ 45%

Notes Terminations = termination and retirement

Withdrawals = in-service withdrawal, death benefits, minimum distribution, installment payment and loan default

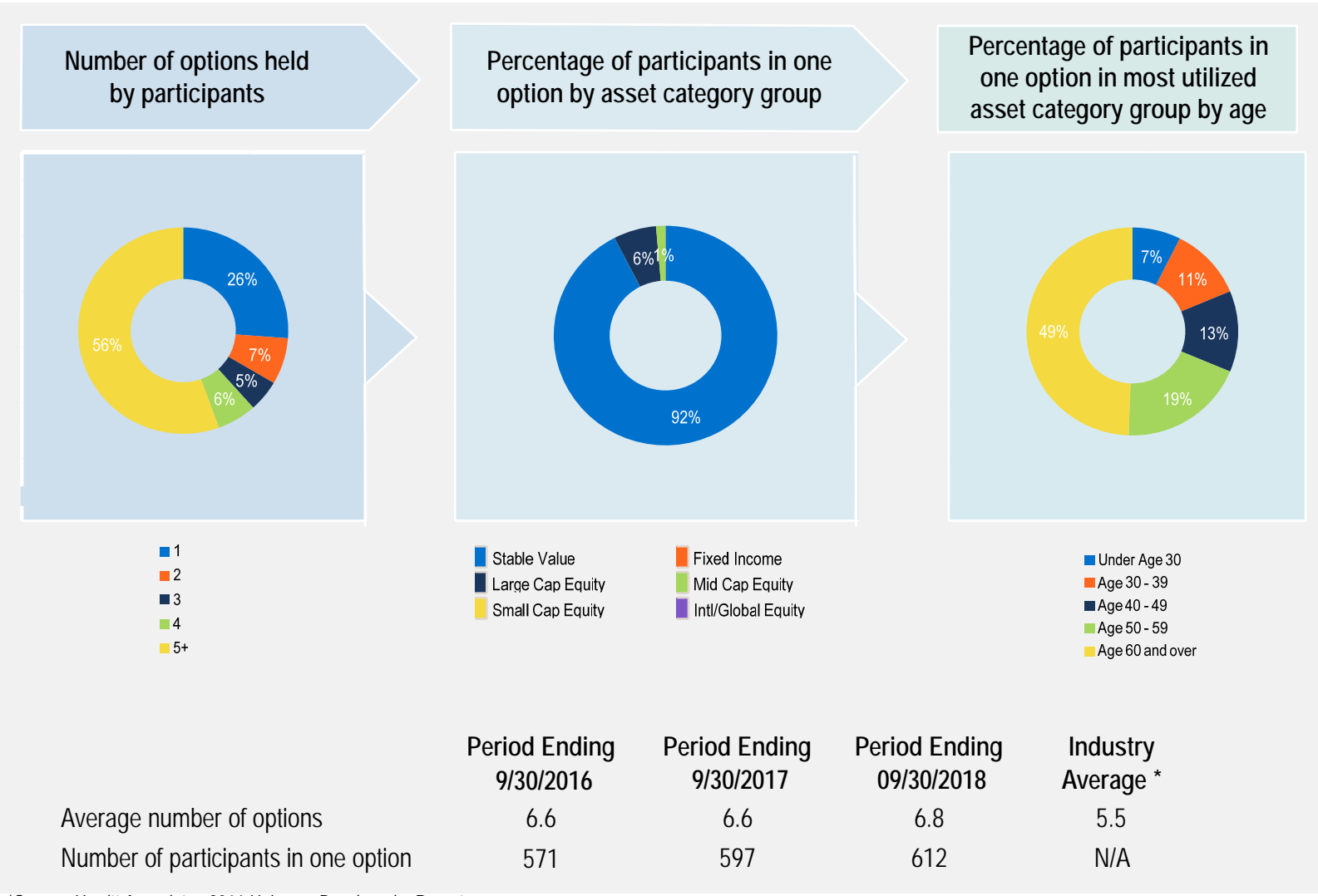
*The expenses shown reflect expenses deducted from plan assets. Expenses billed directly to the plan sponsor or expenses related to the expense ratio of investments under the plan are not reflected. The Contribution data displays the combined dollar value of Contributions & Loan Repayments, if applicable.

Executive Summary

Participant Activity			
	6/30/2018	9/30/2018	Plan Trend
Total Participants	2,321	2,337	▲ 0%
Average Account Balance	\$69,291	\$70,808	▲ 2%
Average Number of Investments	6.5	6.8	▲ 3%
Number of Outstanding Loans	262	261	▼ 0%
Percent of Participants With a Loan	11%	11%	◀ ▶ 0%
Average Loan Balance	\$9,978	\$10,294	▲ 3%
Total Calls to 800#	8	0	▼ 100%
Total Visits to Website	4,493	4,904	▲ 9%
Notes			

Participant Diversification

07/01/2018 through 09/30/2018



*Source: Hewitt Associates 2016 Universe Benchmarks Report

457 Plan Balances by Investment

Asset Allocation										
Investment Options	Balances as of 6/30/2018	Percentage*	Plan Activity July 01, 2018 through September 30, 2018						Balances as of 9/30/2018	Percentage*
			Contributions	Other Activity	Transfers	Distributions	Expenses**	Investment Income		
SF GIA 61971	\$71,911,388	44.71%	\$1,200,211	\$136,847	\$444,813	(\$1,255,541)	(\$24,590)	\$638,263	\$73,051,392	44.15%
Hartford Total Return Bond HLS Fund	\$3,391,915	2.11%	\$62,694	\$8,047	(\$94,237)	(\$50,870)	(\$1,294)	\$13,367	\$3,329,622	2.01%
PIMCO High Yield Fund	\$2,103,283	1.31%	\$43,429	\$4,061	(\$33,978)	(\$54,678)	(\$755)	\$56,489	\$2,117,851	1.28%
PIMCO Intl Bd US Dollar-Hedged Fd	\$931,097	0.58%	\$30,347	\$1,966	(\$16,054)	(\$20,222)	(\$349)	\$195	\$926,980	0.56%
American Funds Balanced Fund	\$5,763,007	3.58%	\$125,739	\$14,493	(\$19,688)	(\$77,655)	(\$2,063)	\$194,058	\$5,997,891	3.62%
American Century Equity Income Fund	\$6,692,783	4.16%	\$130,145	\$21,356	(\$80,616)	(\$181,467)	(\$2,445)	\$330,234	\$6,909,990	4.18%
Wells Fargo Disciplined US Core	\$12,333,868	7.67%	\$160,032	\$36,929	(\$62,192)	(\$343,916)	(\$4,400)	\$815,743	\$12,936,065	7.82%
Vanguard Institutional Index Fund	\$11,592,073	7.21%	\$298,014	\$20,434	(\$58,401)	(\$155,418)	(\$4,417)	\$894,303	\$12,586,588	7.61%
American Funds Grth Fund of America	\$14,770,965	9.18%	\$228,857	\$37,018	\$3,283	(\$281,603)	(\$5,152)	\$743,110	\$15,496,479	9.36%
Hotchkis and Wiley Mid Cap Val Fd	\$3,234,063	2.01%	\$58,796	\$10,092	(\$22,693)	(\$130,925)	(\$1,123)	\$99,027	\$3,247,238	1.96%
Vanguard Mid Cap Index Fund	\$2,750,781	1.71%	\$98,874	\$8,097	\$23,719	(\$61,492)	(\$1,155)	\$129,008	\$2,947,832	1.78%
Hartford MidCap HLS Fund	\$9,272,485	5.77%	\$180,176	\$24,092	(\$56,556)	(\$161,704)	(\$3,353)	\$431,170	\$9,686,310	5.85%
AMG Managers Skyline Special Eq Fd	\$2,815,385	1.75%	\$52,560	\$10,664	(\$42,214)	(\$146,917)	(\$1,022)	\$1,101	\$2,689,557	1.63%
Vanguard Small Cap Index Fund	\$2,725,317	1.69%	\$93,303	\$6,103	\$13,867	(\$51,278)	(\$1,123)	\$130,270	\$2,916,459	1.76%
Wells Fargo Small Company Growth Fd	\$3,010,395	1.87%	\$63,577	\$13,725	\$3,683	(\$95,825)	(\$1,110)	\$214,089	\$3,208,533	1.94%
Amer Funds EuroPacific Growth Fund	\$4,760,334	2.96%	\$106,261	\$22,645	(\$6,955)	(\$169,665)	(\$1,742)	(\$40,432)	\$4,670,446	2.82%
DFA Intl Small Cap Value Prtfl Fd	\$1,528,399	0.95%	\$41,404	\$4,829	(\$18,318)	(\$31,535)	(\$578)	(\$21,890)	\$1,502,311	0.91%
Lazard Emerging Markets Fund	\$1,236,329	0.77%	\$41,426	\$4,300	\$22,536	(\$25,851)	(\$441)	(\$20,659)	\$1,257,641	0.76%
Total	\$160,823,866	100%	\$3,015,846	\$385,699	----	(\$3,296,561)	(\$57,111)	\$4,607,446	\$165,479,185	100%

*Due to rounding, percentages may not total 100 percent.

**The expenses shown reflect expenses deducted from plan assets. Does not include expenses billed directly to the plan sponsor or expenses related to the expense ratio of investments under the plan.

61971-2-Washoe County Deferred Compensation Plan

For Advisor and Plan Sponsor use only. Not for use with Plan Participants.

RS-41492-01

401(a) Plan Balances by Investment

Asset Allocation										
Investment Options	Balances as of 6/30/2018	Percentage*	Plan Activity July 01, 2018 through September 30, 2018						Balances as of 9/30/2018	Percentage*
			Contributions	Other Activity	Transfers	Distributions	Expenses**	Investment Income		
SF GIA 61971	\$4,114,185	35.46%	\$42,340	\$10,554	\$75,880	(\$53,209)	(\$1,380)	\$36,445	\$4,224,815	35.15%
Hartford Total Return Bond HLS Fund	\$395,694	3.41%	\$3,856	\$881	(\$59,808)	(\$1,584)	(\$133)	\$1,538	\$340,444	2.83%
PIMCO High Yield Fund	\$150,441	1.30%	\$2,080	\$1,202	(\$15,125)	(\$2,275)	(\$58)	\$4,036	\$140,303	1.17%
PIMCO Intl Bd US Dollar-Hedged Fd	\$104,872	0.90%	\$1,128	\$796	(\$7,794)	(\$1,944)	(\$42)	\$16	\$97,033	0.81%
American Funds Balanced Fund	\$510,350	4.40%	\$8,798	\$642	\$6,115	(\$562)	(\$175)	\$17,326	\$542,494	4.51%
American Century Equity Income Fund	\$618,080	5.33%	\$6,841	\$1,438	(\$1,976)	(\$5,553)	(\$228)	\$30,514	\$649,115	5.40%
Wells Fargo Disciplined US Core	\$864,204	7.45%	\$7,234	\$4,190	(\$1,350)	(\$8,531)	(\$312)	\$57,618	\$923,053	7.68%
Vanguard Institutional Index Fund	\$1,101,826	9.50%	\$24,665	\$6,959	(\$10,265)	(\$14,559)	(\$418)	\$85,104	\$1,193,311	9.93%
American Funds Grth Fund of America	\$784,609	6.76%	\$8,960	\$9,839	\$22,504	(\$17,764)	(\$286)	\$39,609	\$847,470	7.05%
Hotchkis and Wiley Mid Cap Val Fd	\$288,965	2.49%	\$3,355	\$1,655	\$278	(\$1,290)	(\$101)	\$8,996	\$301,859	2.51%
Vanguard Mid Cap Index Fund	\$255,763	2.20%	\$10,565	\$1,313	(\$1,786)	(\$5,525)	(\$107)	\$12,039	\$272,261	2.27%
Hartford MidCap HLS Fund	\$803,915	6.93%	\$7,584	\$1,385	(\$24)	(\$8,297)	(\$292)	\$37,493	\$841,765	7.00%
AMG Managers Skyline Special Eq Fd	\$297,690	2.57%	\$2,372	\$898	(\$1,280)	(\$2,998)	(\$109)	\$17	\$296,589	2.47%
Vanguard Small Cap Index Fund	\$286,159	2.47%	\$8,445	\$1,374	(\$3,138)	(\$2,023)	(\$104)	\$13,707	\$304,418	2.53%
Wells Fargo Small Company Growth Fd	\$303,725	2.62%	\$3,064	\$2,657	(\$2,129)	(\$5,036)	(\$115)	\$21,650	\$323,815	2.69%
Amer Funds EuroPacific Growth Fund	\$411,568	3.55%	\$4,468	\$2,811	(\$4,139)	(\$3,531)	(\$141)	(\$3,556)	\$407,480	3.39%
DFA Intl Small Cap Value Prtfl Fd	\$164,836	1.42%	\$2,523	\$791	\$1,395	(\$1,534)	(\$59)	(\$2,413)	\$165,538	1.38%
Lazard Emerging Markets Fund	\$144,959	1.25%	\$2,565	\$693	\$2,642	(\$1,301)	(\$52)	(\$2,408)	\$147,098	1.22%
Total	\$11,601,841	100%	\$150,842	\$50,079	----	(\$137,517)	(\$4,114)	\$357,731	\$12,018,861	100%

*Due to rounding, percentages may not total 100 percent.

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61971-1-Washoe County 401(a) Plan

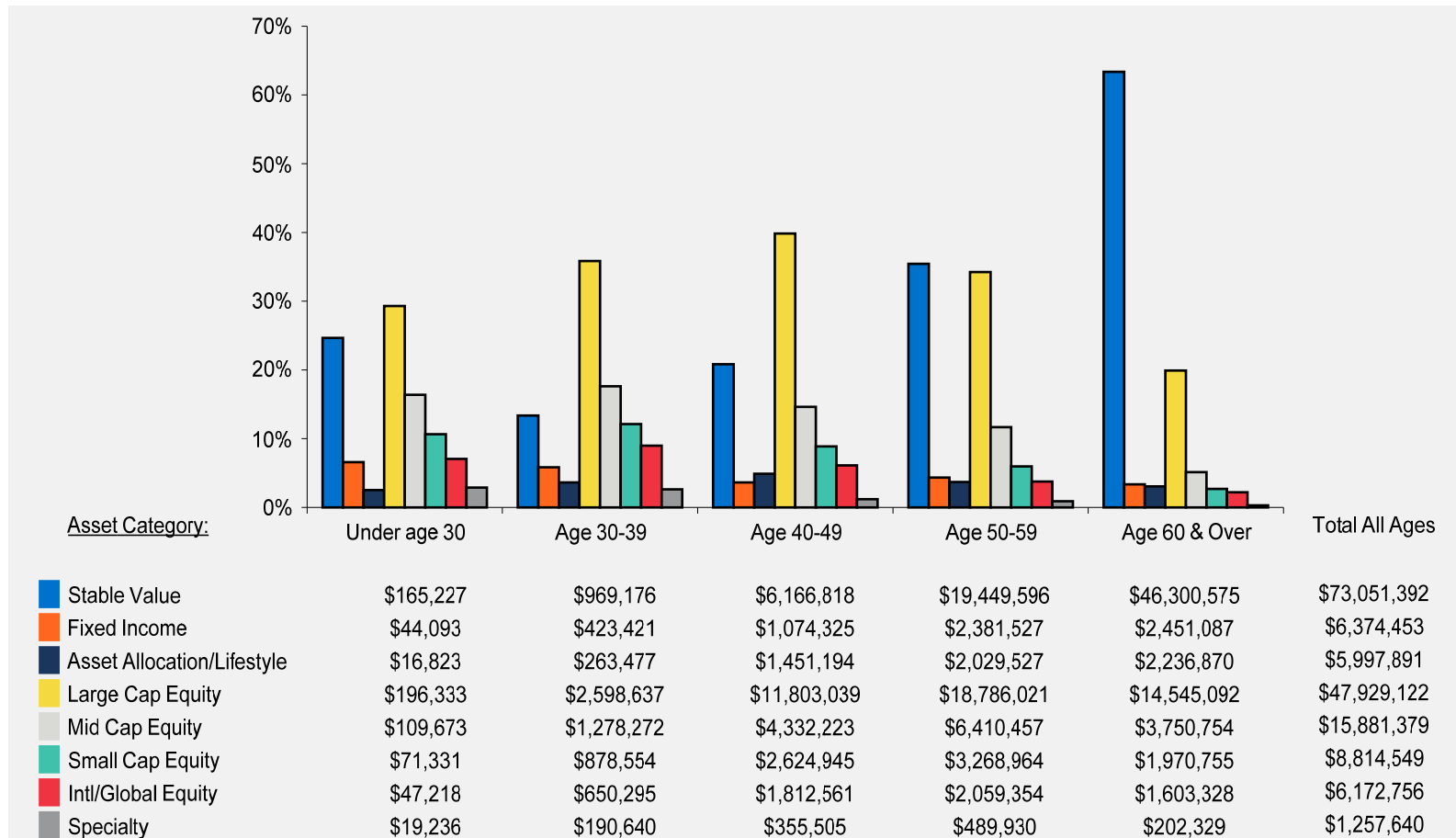
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RS-41492-01

Balances by Age

as of 09/30/2018

Age	Under age 30	Age 30-39	Age 40-49	Age 50-59	Age 60 and Over	Total
Number of Participants	106	393	595	600	643	2,337
Group Balance	\$669,935	\$7,252,472	\$29,620,611	\$54,875,376	\$73,060,791	\$165,479,185
Average Account Balance	\$6,320	\$18,454	\$49,783	\$91,459	\$113,625	\$70,808



61971-2-Washoe County Deferred Compensation Plan

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Total Investment Balance

as of 09/30/2018

Participant Demographics								
Investment Options	PARTICIPANTS					Participants in Option as of 06/30/2018	Participants in Option as of 09/30/2018	Investment Selection Percentage*
	Active	Beneficiary	Retired	Terminated	QDRO			
SF GIA 61971	\$33,352,993	\$402,921	\$36,673,297	\$2,531,058	\$91,123	1,719	1,737	31.1%
Hartford Total Return Bond HLS Fund	\$2,043,612	\$76	\$1,051,600	\$234,334	\$0	698	697	2.5%
PIMCO High Yield Fund	\$1,425,908	\$0	\$542,113	\$145,421	\$4,409	570	566	1.7%
PIMCO Intl Bd US Dollar-Hedged Fd	\$658,318	\$0	\$170,033	\$98,629	\$0	445	452	1.1%
American Funds Balanced Fund	\$4,070,571	\$58,259	\$1,342,611	\$517,048	\$9,402	497	487	5.0%
American Century Equity Income Fund	\$5,108,492	\$42,870	\$1,466,716	\$282,488	\$9,424	977	975	4.8%
Wells Fargo Disciplined US Core	\$9,205,650	\$233,702	\$2,647,194	\$837,444	\$12,077	1,090	1,093	7.0%
Vanguard Institutional Index Fund	\$9,672,251	\$71,086	\$2,286,878	\$550,204	\$6,169	1,132	1,133	10.8%
American Funds Grth Fund of America	\$11,468,713	\$22,269	\$3,221,891	\$765,501	\$18,105	1,274	1,275	9.5%
Hotchkis and Wiley Mid Cap Val Fd	\$2,282,480	\$0	\$765,603	\$193,656	\$5,498	770	776	2.2%
Vanguard Mid Cap Index Fund	\$2,403,079	\$0	\$433,286	\$111,467	\$0	803	805	3.3%
Hartford MidCap HLS Fund	\$7,113,379	\$0	\$1,981,032	\$583,012	\$8,886	1,283	1,286	5.9%
AMG Managers Skyline Special Eq Fd	\$2,016,942	\$0	\$510,324	\$158,404	\$3,888	777	783	2.2%
Vanguard Small Cap Index Fund	\$2,375,568	\$0	\$411,225	\$127,330	\$2,337	798	804	2.9%
Wells Fargo Small Company Growth Fd	\$2,422,426	\$0	\$566,552	\$216,651	\$2,905	783	786	2.3%
Amer Funds EuroPacific Growth Fund	\$3,434,305	\$17,564	\$929,303	\$286,202	\$3,072	895	888	4.5%
DFA Intl Small Cap Value Prtfl Fd	\$1,217,645	\$0	\$176,171	\$104,713	\$3,783	553	547	1.6%

Total Participants 2337: 1685 Active, 7 Beneficiary, 478 Retired, 161 Terminated, 6 QDRO

*The investment selection percentages reflect participants with an active status. Due to rounding the percentages may not total 100% Contracts with multiple plans may result in participants maintaining balances in more than one plan.

61971-2-Washoe County Deferred Compensation Plan

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RS-41492-01

Total Investment Balance

as of 09/30/2018

Participant Demographics								
Investment Options	PARTICIPANTS					Participants in Option as of 06/30/2018	Participants in Option as of 09/30/2018	Investment Selection Percentage*
	Active	Beneficiary	Retired	Terminated	QDRO			
Lazard Emerging Markets Fund	\$972,776	\$0	\$180,901	\$100,815	\$3,149	605	608	1.6%
Total	\$101,245,107	\$848,746	\$55,356,730	\$7,844,375	\$184,227	-----	-----	100%

Total Participants 2337: 1685 Active, 7 Beneficiary, 478 Retired, 161 Terminated, 6 QDRO

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Loan Summary

Loan Data				
	Your Plan 06/30/2018	Your Plan 09/30/2018	MassMutual Average 12/31/2017	Industry Averages
Number of loans allowed	1	1	2.	1.1*
Average number of loans per participant with loans	1.	1.	1.2	Not available
Percentage of participants with loans	11.4%	11.2%	11.%	14.6%*
Average loan balance	\$9,978	\$10,294	\$7,719	\$6,216*
Percentage of plan assets loaned	1.6%	1.6%	1.4%	0.7%*

	Your Plan 06/30/2018	Your Plan 09/30/2018
Total number of participants with loans	264	261
Total number of outstanding loans	262	261
Average account balance of participants with loans	\$54,043	\$53,332
Total value of outstanding loans	\$2,614,253	\$2,686,632

Current Loan Interest Rate = 7.25%

*Source: PSCA's 58th Annual Survey of PS and 401(k) Plans

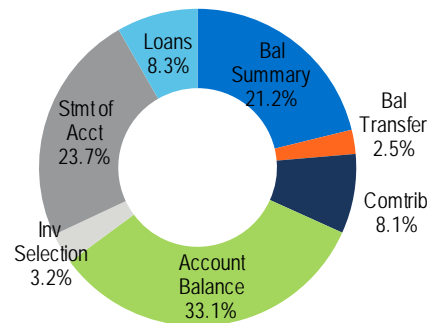
Participant Interactions

07/01/2018 through 09/30/2018

	Total Visits
Toll Free 800#	0
Call Center	531
Website	4,904

Toll Free 800#

Website (My Account)



- Balance Summary
- Contributions
- Enrollments
- Investment Selection
- Periodic Rebalance
- Loans
- Balance Transfers
- Account Balance
- Daily Performance
- On-Demand Rebalance
- Statement of Account
- RSG

Highlights - Website

My Account	1201
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Highlights - Retirement Services Call Center

RSG-Retirement Options	60
Loans	45
Withdrawals	40
Participant Indicative	27
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Washoe County 3rd Quarter 2018 Summary Sheet

Group Meeting Results	3rd Quarter 2017	2017 YTD Totals	3rd Quarter 2018	2018 YTD Totals
Meetings*	34	76	2	34
Attendees*	473	991	60	573
457 Enrollments	44	149	28	104
<i>Traditional Enrollments</i>	NA	NA	17	83
<i>Auto Enrollments - Sherriff's Deputy</i>	NA	NA	11	21
401(a) Enrollments	2	6	0	1
One on One Counseling Sessions*	248	596	39	365

Rollover Results	3rd Quarter 2017	2017 YTD Totals	3rd Quarter 2018	2018 YTD Totals
Rollovers In	12	43	7	38
Dollars from Rollovers In	\$310,182.90	\$1,242,594.42	\$431,982.64	\$1,319,677.18
Rollovers Out	7	32	17	62
Dollars from Rollovers Out	\$383,234.97	\$2,258,789.97	\$1,032,067.56	\$5,283,293.50
PERS Purchases	19	56	22	68
Dollars from PERS Purchases	\$407,762.05	\$1,225,152.31	\$1,177,028.56	\$3,151,034.42

401(a) & 457 Loan Results	3rd Quarter 2017	2017 YTD Totals	3rd Quarter 2018	2018 YTD Totals
401(a) Applications Processed	1	4	2	3
Dollars from Applications Processed	\$6,000.00	\$20,297.76	\$67,746.00	\$89,746.00
457 Applications Processed	39	80	28	89
Dollars from Applications Processed	\$525,418.37	\$1,150,820.73	\$376,013.39	\$1,351,543.81

Hardship Results	3rd Quarter 2017	2017 YTD Totals	3rd Quarter 2018	2018 YTD Totals
Hardship Applications Approved	1	2	3	3
Dollars from Approved Applications	\$5,555.56	\$9,398.35	\$10,873.19	\$10,873.19

401(a) & 457 Fund & Average Results	3rd Quarter 2017	3rd Quarter 2018
Participants in 457 Plan	2,248	2,337
Participants in 401(a) Plan	162	161
457 Assets as of 9-30-2018 Including Loan Assets	\$154,952,098.02	\$165,479,184.91
401(a) Assets as of 9-30-2018 Including Loan Assets	\$10,824,550.49	\$12,018,861.17
Average 457 Participant Balance	\$68,928.87	\$70,808.38
Average 401(a) Participant Balance	\$66,818.21	\$74,651.31

ROTH Results	3rd Quarter 2017	3rd Quarter 2018
Participants with a Roth Balance	201	233
Assets in Roth	\$2,497,526.07	\$3,119,896.80

*Numbers do not include meetings conducted from April 1, 2018 to May 9, 2018 due to change in Retirement Education Specialists