



- Valuations
 - Deterministic (best estimate results)
 - Point-in-time snapshot of current plan measures

Projections

- Deterministic or stochastic (variable results)
- 30 years of future valuations
- Forecast of plan measures

Office of the State Actuary

October 25, 2023

4

Office of the State Actuary

October 25, 2023

Participant Data

LEOF	F 2	
	2021	2022
Active	es	
Headcount	18,683	18,625
Average Annual Salary	\$122,500	\$129,100
Average Age	42.3	41.7
Average Service	13.1	12.4
Annuita	ants	
Headcount	7,574	8,597
Average Annual Benefit	\$56,200	\$58,900
Actives to Annuitants	2.5	2.2

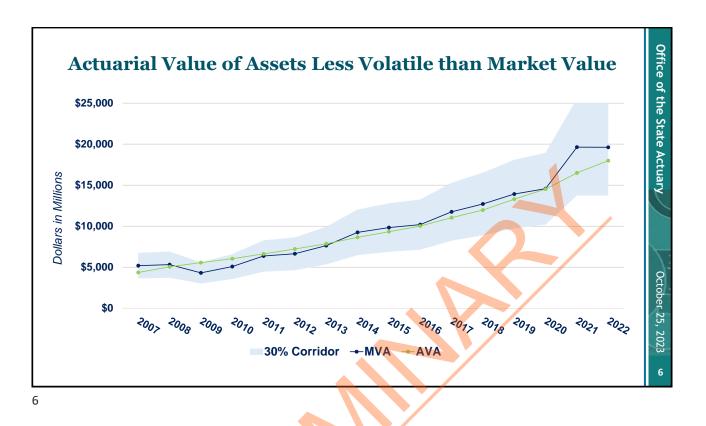
Change in MVA

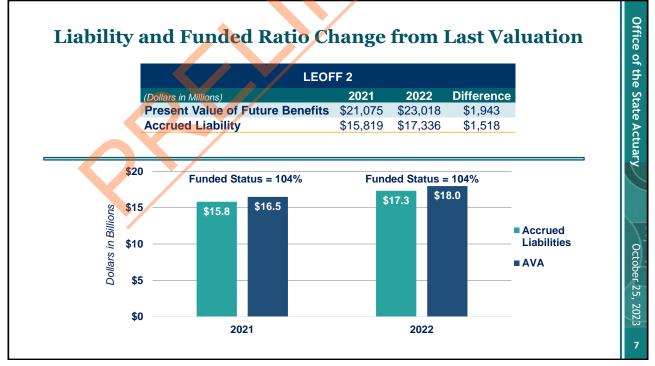
Change in MV	VA	Office of the State Actuary
LEOFF 2		fthe
(Dollars in Millions)		st
2021 Market Value \$	519,637	at
Contributions	415	
Disbursements	(499)	문
Investment Earnings*	37	lar
Other Revenue**	22	K
Adjustments***	1	
2022 Market Value	519,612	
 *Investments returned 0.21% in FY 2022 **Includes additional annuity purchases credit purchases. ***Adjusted to reflect the change in the transfer of the BIA, measured on Jun into the LEOFF 2 trust under SHB 17 	and service estimated e 30, 2022,	October 25, 202
		23

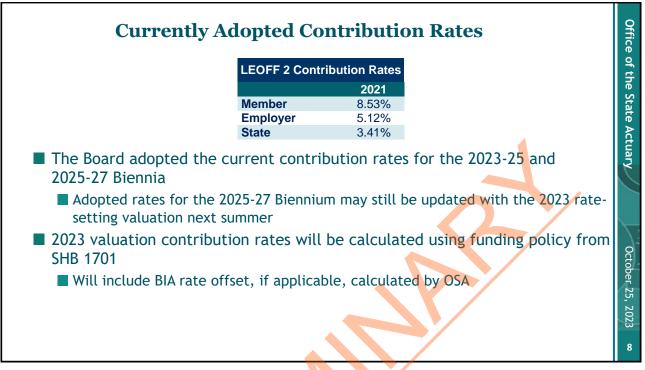
C	al	cu]	lati	ng	2022	AVA
---	----	-------------	------	----	------	-----

		Actualia	Value of Ass	
		LEOFF 2		
(Dollars in Millio	ons)			2022
MVA				\$19,612
Plan Year	Return on	Years	Years	Amount
Ending	Assets	Deferred	Remaining	Deferred [*]
6/30/2022	0.21%	7	6	(1,112)
6/30/2021	31.65%	8	6	2,643
6/30/2017	14.14%	7	1	97
Total Defer	ral			1,628
AVA**				\$17,985

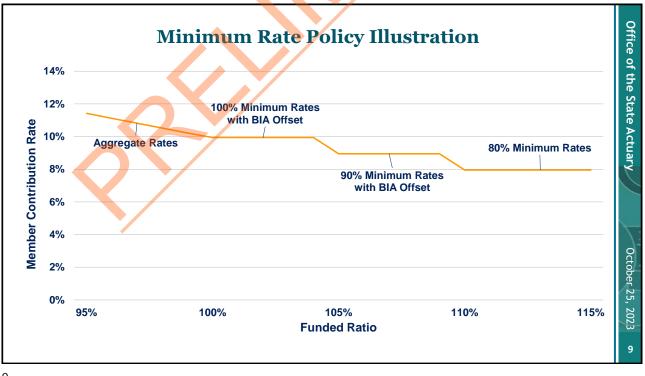
**AVA can never be less than 70% (\$13,729) or greater than 130% (\$25,496) of the MVA.









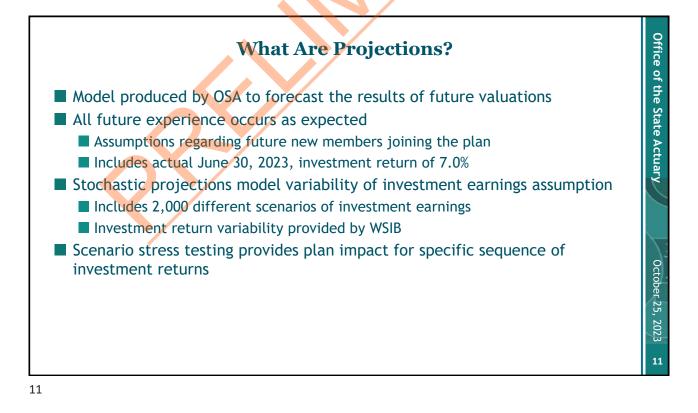


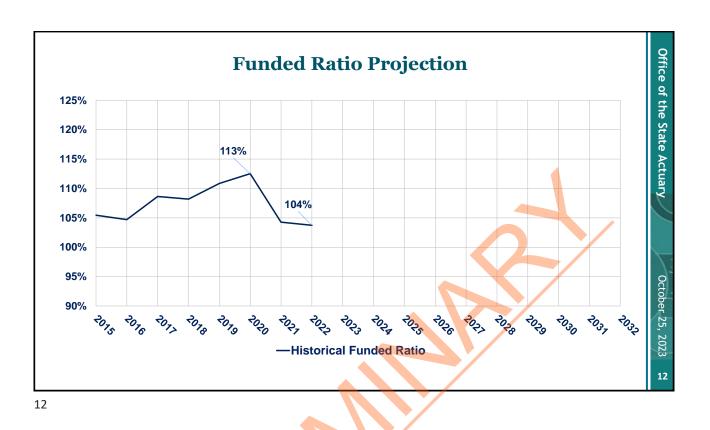
Office of the State Actuary

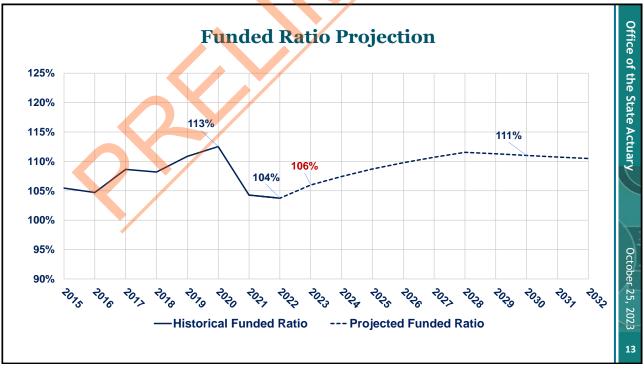
October 25, 2023

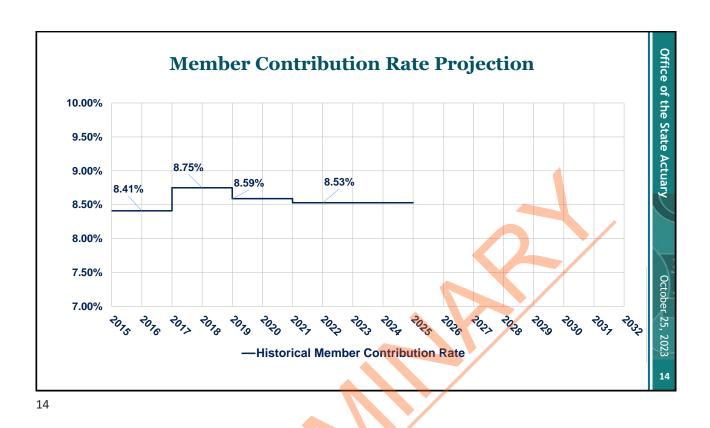
10

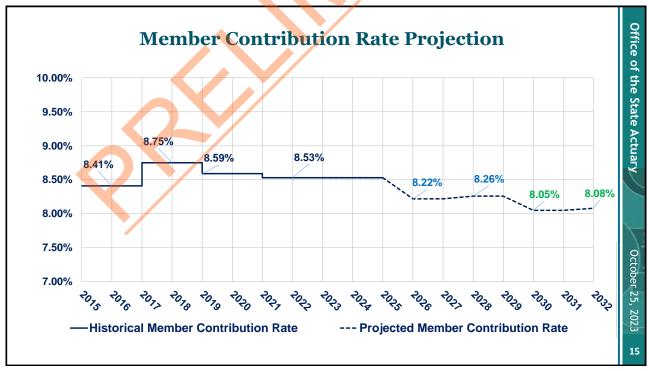
Part 2: Projection Analysis and Stress Testing

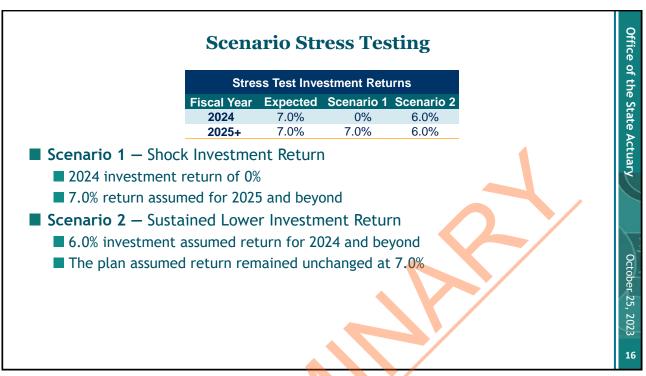












4	\sim
1	ь
_	-

		Member Contribution Rates				
		Scenario 1				
2023-25	8.53%	8.53%	8.53%			
2025-27	8.22%	8.22%	8.22%			
2027-29	8.26%	8.26%	8.26%			
2029-31	8.05%	8.30%	8.30%			
2031-33	8.08%	9.34%	8.33%			
2033-35	8.12%	9.39%	9.39%			
rates equal 80% minin tes equal 90% minimu es equal 100% minimu	ım rate w					

17

