

For Discussion - FY21 Estimated Impact

PSPRS Contributions

Impact of Potential Assumption Changes

County	8-Year Change In Average Pay		Payroll Growth Assumption		Amortization Contribution Rate		Impact of New Mortality Tables /1		Impact of Investment Return Change /2		Total Contribution Rate	
	Before	After	Before	After	Before	After	Before	After	Before	After	Before	After
Apache County Sheriff's Dept	2.70%	3.50%	2.70%	3.50%	50.90%	53.90%	0.80%	0.80%	1.10%	1.10%	64.10%	69.00%
Cochise County Sheriff's Dept.	1.30%	3.50%	1.30%	3.50%	38.00%	47.60%	0.80%	0.80%	1.10%	1.10%	50.40%	61.90%
Cochise County Sheriff's Dept	1.90%	3.50%	1.90%	3.50%	50.80%	56.90%	0.80%	0.80%	1.10%	1.10%	62.30%	70.30%
Gila County Sheriff's Dept	1.90%	3.50%	1.90%	3.50%	44.50%	49.90%	0.80%	0.80%	1.10%	1.10%	57.00%	64.30%
Graham County Sheriff's Dept	1.30%	3.50%	1.30%	3.50%	18.20%	22.80%	0.80%	0.80%	1.10%	1.10%	30.20%	36.70%
Greenlee County Sheriff's Dept.	2.60%	3.50%	2.60%	3.50%	22.50%	24.00%	0.80%	0.80%	1.10%	1.10%	34.40%	37.80%
La Paz County Sheriff's Dept	0.20%	3.50%	0.20%	3.50%	63.50%	79.90%	0.80%	0.80%	1.10%	1.10%	75.30%	93.60%
Maricopa County Sheriff's Office	4.10%	3.50%	3.50%	3.50%	46.60%	46.60%	0.80%	0.80%	1.10%	1.10%	61.70%	63.60%
Mohave County Sheriff's Dept.	0.40%	3.50%	0.40%	3.50%	42.40%	52.70%	0.80%	0.80%	1.10%	1.10%	54.70%	66.90%
Navajo County Sheriff's Dept.	0.90%	3.50%	0.90%	3.50%	45.40%	54.50%	0.80%	0.80%	1.10%	1.10%	56.90%	67.90%
Pima County Sheriff's Dept	0.20%	3.50%	0.20%	3.50%	57.80%	72.70%	0.80%	0.80%	1.10%	1.10%	71.80%	88.60%
Pinal County Sheriff's Dept.	1.70%	3.50%	1.70%	3.50%	30.00%	34.10%	0.80%	0.80%	1.10%	1.10%	42.30%	48.30%
Santa Cruz County Sheriff's Dept	0.00%	3.50%	0.00%	3.50%	42.90%	54.70%	0.80%	0.80%	1.10%	1.10%	54.90%	68.60%
Yavapai County Sheriff's Dept.	1.90%	3.50%	1.90%	3.50%	36.10%	40.50%	0.80%	0.80%	1.10%	1.10%	48.20%	54.50%
Yuma County Sheriff's Dept.	1.40%	3.50%	1.40%	3.50%	25.20%	29.20%	0.80%	0.80%	1.10%	1.10%	37.20%	43.10%
Greenlee County Attorney Invest.	2.20%	3.50%	2.20%	3.50%	-0.80%	-0.90%	0.80%	0.80%	1.10%	1.10%	11.10%	12.90%
Maricopa County Attorney Invest	3.00%	3.50%	3.00%	3.50%	30.70%	31.90%	0.80%	0.80%	1.10%	1.10%	46.20%	49.30%
Pima County Attorney Invest.	0.80%	3.50%	0.80%	3.50%	75.10%	90.80%	0.80%	0.80%	1.10%	1.10%	88.90%	106.50%

Total Contribution Rate

County	Total Contribution Rate		Active Payroll as of 6/30/2018		Contribution		Difference \$	Difference %
	Before	After	Est. Before	Est. After	Est. Before	Est. After		
Apache County Sheriff's Dept	64.10%	69.00%	1,590,973	1,019,814	\$ 1,019,814	\$ 1,097,771	\$ 77,958	7.64%
Cochise County Sheriff's Dept.	50.40%	61.90%	4,708,933	2,373,302	\$ 2,373,302	\$ 2,914,830	\$ 541,527	22.82%
Cochise County Sheriff's Dept	62.30%	70.30%	3,336,895	2,078,886	\$ 2,078,886	\$ 2,345,887	\$ 266,952	12.84%
Gila County Sheriff's Dept	57.00%	64.30%	1,925,653	1,097,622	\$ 1,097,622	\$ 1,238,195	\$ 140,573	12.81%
Graham County Sheriff's Dept	30.20%	36.70%	1,102,005	332,806	\$ 332,806	\$ 404,436	\$ 71,630	21.52%
Greenlee County Sheriff's Dept.	34.40%	37.80%	865,277	297,655	\$ 297,655	\$ 327,075	\$ 29,419	9.88%
La Paz County Sheriff's Dept.	75.30%	93.60%	1,442,248	1,086,013	\$ 1,086,013	\$ 1,349,944	\$ 268,931	24.30%
Maricopa County Sheriff's Office	61.70%	63.60%	49,869,992	30,769,785	\$ 30,769,785	\$ 31,717,315	\$ 947,530	3.08%
Mohave County Sheriff's Dept	54.70%	66.90%	3,989,355	2,182,177	\$ 2,182,177	\$ 2,668,878	\$ 486,701	22.30%
Navajo County Sheriff's Dept.	56.90%	67.90%	1,988,546	1,131,483	\$ 1,131,483	\$ 1,350,223	\$ 218,740	19.33%
Pinal County Sheriff's Dept.	71.80%	88.60%	28,474,188	20,444,467	\$ 20,444,467	\$ 25,228,131	\$ 4,783,664	23.40%
Pima County Sheriff's Dept.	42.30%	48.30%	13,736,682	5,810,616	\$ 5,810,616	\$ 6,634,817	\$ 824,201	14.18%
Santa Cruz County Sheriff's Dept	54.90%	68.60%	1,505,195	826,901	\$ 826,901	\$ 1,033,250	\$ 206,349	24.95%
Yavapai County Sheriff's Dept.	48.20%	54.50%	6,999,630	3,373,822	\$ 3,373,822	\$ 3,814,798	\$ 440,977	13.07%
Yuma County Sheriff's Dept.	37.20%	43.10%	5,333,520	1,983,325	\$ 1,983,325	\$ 2,297,885	\$ 314,560	15.86%
Greenlee County Attorney Invest.	11.10%	12.90%	48,189	5,349	\$ 5,349	\$ 6,216	\$ 867	16.22%
Maricopa County Attorney Invest.	46.20%	49.30%	1,025,218	473,651	\$ 473,651	\$ 505,432	\$ 31,782	6.71%
Pima County Attorney Invest.	88.90%	106.50%	218,338	194,102	\$ 194,102	\$ 232,530	\$ 38,427	19.80%

Average pay change, previous salary assumptions and impact on rates from June 2019 estimates produced by PSPRS Actuary. Active payroll retrieved from each plan's 2018 actuarial valuation. Estimated contributions and changes calculated by CSA.

/1 Actuarial estimated rate change based on preliminary look at system-wide data. May have different individual plan impacts.

/2 Impact of currently programmed change of reducing investment return assumption from 7.4% to 7.3%