

Attachment I

# City of Phoenix Employees' Retirement System

ACTUARIAL VALUATION REPORT AS OF  
June 30, 2018



## Financial Position and Summary of Results

The funded ratio on an actuarial value of assets basis increased from June 30, 2017 to June 30, 2018. On a market value of assets basis, the funded ratio also increased from June 30, 2017 to June 30, 2018.

<b>Exhibit A.1</b> <b>City of Phoenix Employees' Retirement System</b> <b>Executive Summary</b>		
	June 30, 2018	June 30, 2017
<b>1. Total Actuarially Determined Contribution</b>		
a. Dollar Amount	\$ 208,889,903	\$ 203,958,677
b. As a % of Payroll	38.51%	37.99%
<b>2. Funded Status</b>		
a. Actuarial Accrued Liability	\$ 4,226,045,811	\$ 4,129,452,386
b. Actuarial Value of Assets (AVA)	2,562,847,008	2,402,707,329
c. Unfunded Liability (AVA-basis)	1,663,198,803	1,726,745,057
d. Funded Ratio (AVA-basis)	60.64%	58.18%
e. Market Value of Assets (MVA)	\$ 2,554,513,709	\$ 2,353,607,330
f. Unfunded Liability (MVA-basis)	1,671,532,102	1,775,845,056
g. Funded Ratio (MVA-basis)	60.45%	57.00%
<b>3. Summary of Census Data</b>		
a. Actives		
i.(a) Tier 1 Count	5,638	6,030
i.(b) Tier 2 Count	737	823
i.(c) Tier 3 Count	1,602	1,177
i.(d) Total Active Count	7,977	8,030
ii. Total Annual Compensation	\$ 527,160,824	\$ 521,709,266
iii. Average Projected Compensation	66,085	64,970
iv. Average Age	46.6	46.5
v. Average Service	12.4	12.3
b. Deferred Vested Member Counts	943	925
c. Retiree Counts	5,813	5,661
d. Beneficiary and Alternate Payee Counts	1,076	1,072
e. Disability Counts	249	247
f. Total Members Included in Valuation	16,058	15,935

The funded ratio may not be appropriate for assessing the need for future contributions. The funded ratio is not appropriate for assessing the sufficiency of plan assets to cover the estimated cost of settling the plan's benefit obligations.