

# Investment & Pension Funding

Facts at a Glance for Fiscal Year 2018-19

## Investments (PERF\*)

### Total Fund Market Value & Total Net Investment Return\*\* 10-year Review (for FY end 6/30)

	(in billions)	(%)
2019	\$372.6	6.7%
2018	\$354.0	8.6%
2017	\$326.4	11.2%
2016	\$302.0	0.6%
2015	\$301.9	2.4%
2014	\$300.3	18.4%
2013	\$257.9	13.2%
2012	\$233.4	0.1%
2011	\$237.5	21.7%
2010	\$200.0	13.3%

\* Public Employees' Retirement Fund (PERF)

\*\* Time-weighted rate of return net of investment expense

### Total Net Investment Return\* (for FY end 6/30)

FY to date . . . . .	6.7%
3 years . . . . .	8.8%
5 years . . . . .	5.8%
10 years . . . . .	9.1%
20 years . . . . .	5.8%
<b>30 years . . . . .</b>	<b>8.1%</b>

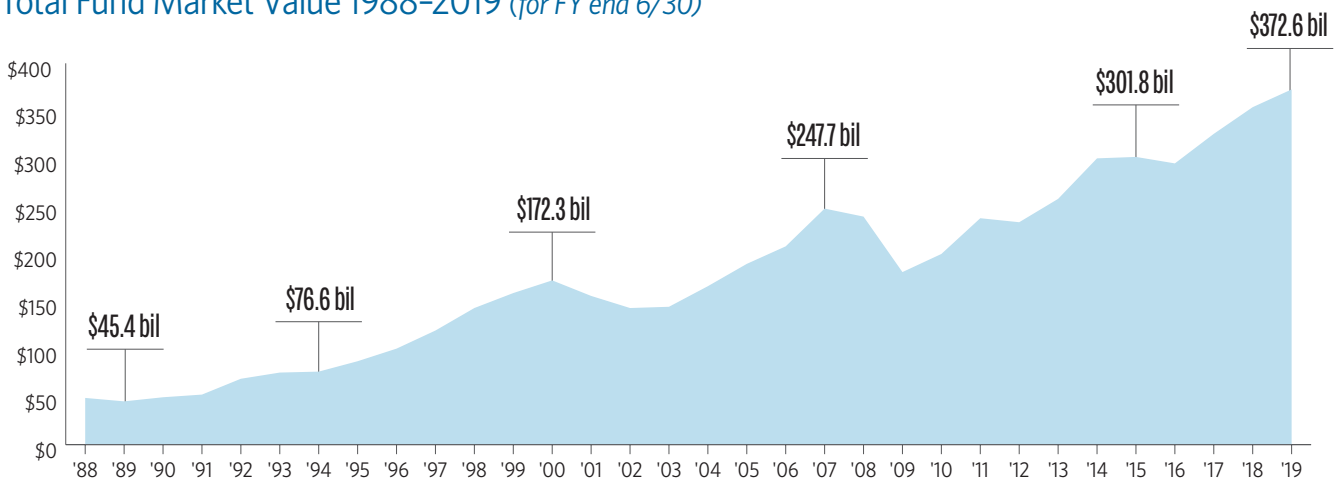
\* Net time-weighted rate of returns

### Discount Rate Changes

2017-18* (State) . . . . .	7.5% → 7.375%
2018-19* (School/PA) . . . . .	7.5% → 7.375%
2018-19* (State) . . . . .	7.375% → 7.25%
2019-20* (School/PA) . . . . .	7.375% → 7.25%
2019-20* (State) . . . . .	7.25% → 7.0%
2020-21* (School/PA) . . . . .	7.25% → 7.0%
2012 . . . . .	7.75% → 7.5%
2004 . . . . .	8.25% → 7.75%

\* FY required contribution

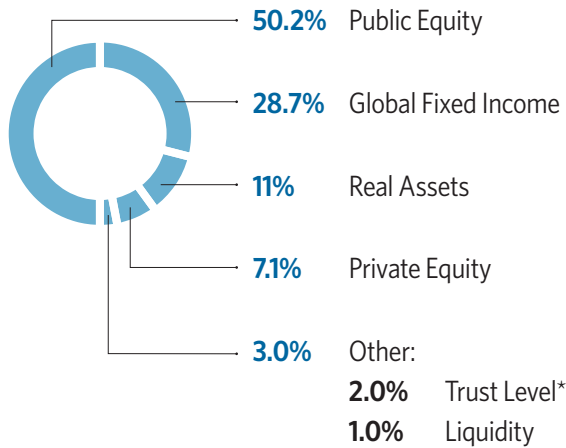
### Total Fund Market Value 1988-2019 (for FY end 6/30)



Every effort has been made to verify the accuracy of the information, which is intended for general use only.

## Investments (cont'd)

### Current Asset Allocation



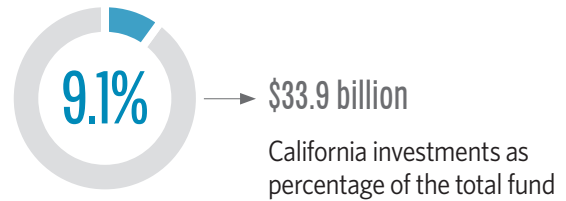
\* The Trust Level includes Multi Asset Class, Completion Overlay, Risk Mitigation, Absolute Return Strategies, Plan Level Transition and other Total Fund level portfolios.

### Asset Allocation

	Current Allocation	Strategic Asset Allocation
Public Equity	50.2%	50.0%
Global Fixed Income	28.7%	28.0%
Real Assets	11.0%	13.0%
Private Equity	7.1%	8.0%
Trust Level*	2.0%	—
Liquidity	1.0%	1.0%

\* The Trust Level includes Multi Asset Class, Completion Overlay, Risk Mitigation, Absolute Return Strategies, Plan Level Transition and other Total Fund level portfolios.

### California Investments



	Fair Value (in millions)
<b>Total California Investments</b>	<b>\$33,953</b>
Public Equity*	\$16,321
Global Fixed Income**	\$5,780
Real Assets***	\$10,950
Private Equity***	\$902

\* Includes listed public equities corporate bonds.

\*\* Fixed income also includes a portion of MBS&ABS, which have significant geographical exposure to CA & MHL.

\*\*\* As of March 31, 2019

### Sustainable Investing

CalPERS actively engages with the companies we own to **protect the long-term sustainability of our investment.**

From issues regarding environmental responsibility to safe labor practices, we keep an open dialog with company leaders and vote our proxies.

**11,000+** Number of companies where CalPERS cast proxy votes in 2019 worldwide (calendar year)

# Pension Funding

## Funded Status of Retirement Plans by Member Category

	State	School	PA	Total
<b>2017-18</b>	<b>69.5%*</b>	<b>68.6%*</b>	<b>70.4%*</b>	<b>69.8%*</b>
2016-17	65.8%*	68.7%*	69.5%*	68.0%*
2015-16	62.3%	67.8%	66.2%	68.3%
2014-15	69.4%	77.5%	74.5%	73.1%
2013-14	72.1%	82.0%	77.9%	76.3%
2012-13	66.1%	76.2%	70.5%	69.8%
2011-12	66.1%	75.4%	70.1%	69.6%

\* Based on a 7.0% discount rate and includes the terminated agency pool and 1959 survivor benefit plan.

## Contributions, 10-Year Review (in thousands)

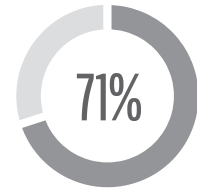
	Employer Contributions	Member Contributions	Investment & Other Income
<b>2018-19</b>	<b>\$15,612,678</b>	<b>\$4,664,618</b>	<b>\$22,969,664</b>
2017-18	\$19,917,796*	\$4,415,129	\$27,448,098
2016-17	\$12,329,837	\$4,214,578	\$32,977,020
2015-16	10,892,489	4,015,754	1,548,442
2014-15	9,997,705	3,826,072	6,702,997
2013-14	8,777,602	3,775,038	45,598,044
2012-13	8,123,833	3,897,078	30,291,983
2011-12	7,772,913	3,598,437	(196,014)
2010-11	7,465,397	3,600,089	43,907,436
2009-10	6,955,049	3,378,867	25,577,529

\* Amount includes an additional \$6 billion dollar contribution by the state.

## Funded Status Total PERF\*



2017-18\*\*



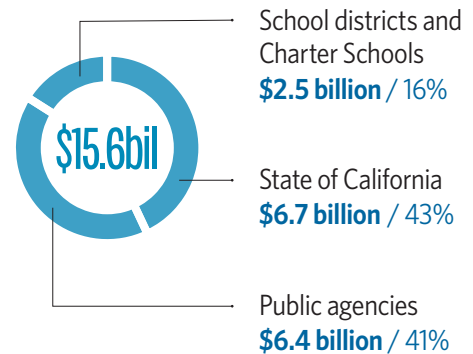
2018-19\*\*\*

\* These totals include Public Employees' Retirement Fund (PERF) and the terminated agency pool and 1959 survivor benefit plan.

\*\* Based on the CAFR for FY 2018-19 using a discount rate of 7.25% for schools, 7% for PAs and state. The funded status is estimated to be 69.8% if using a 7.0% discount rate.

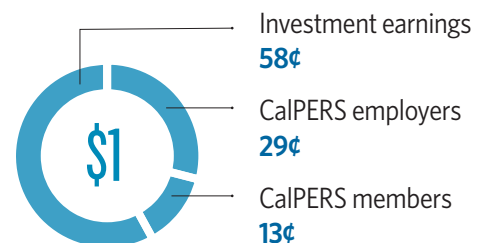
\*\*\* Estimate based on using a 7.0% discount rate and includes the additional payments from the state of nearly \$10 billion for the state and school plans.

## Total Employer Contributions



## Shared Responsibility

Every dollar paid to CalPERS retirees comes from three sources\*:



\* Income over the last 20 years.