

October 31, 2019

### Objective

The objective of the CERBT Strategy 1 portfolio is to seek returns that reflect the broad investment performance of the financial markets through capital appreciation and investment income. There is no guarantee that the portfolio will achieve its investment objective.

### Strategy

The CERBT Strategy 1 portfolio is invested in various asset classes in percentages approved by the CalPERS Board. The specific percentages of portfolio assets allocated to each asset class are shown under "Composition". Generally, equities are intended to help build the value of the employer's portfolio over the long term while bonds are intended to help provide income and stability of principal. Also, strategies invested in a higher percentage of equities seek higher investment returns (but assume more risk) compared with strategies invested in a higher percentage of bonds.

Compared with CERBT Strategy 2 and Strategy 3, this portfolio consists of a higher percentage of equities than bonds and other assets. Historically, equities have displayed greater price volatility and therefore this portfolio may experience greater fluctuation of value. Employers that seek higher investment returns, and are able to accept greater risk and tolerate more fluctuation in returns, may wish to consider this portfolio.

CalPERS Board may change the list of approved asset classes, in composition as well as targeted allocation percentages and ranges at any time.

### Assets Under Management

As of the specified reporting month-end, the aggregate total of assets under management for all CERBT Strategies was

**\$10,597,092,262.**

### Composition

#### Asset Class Allocations and Benchmarks

The CERBT Strategy 1 portfolio consists of the following asset classes and corresponding benchmarks:

Asset Class	Target Allocation <sup>1</sup>	Target Range	Benchmark
Global Equity	59%	± 5%	MSCI All Country World Index IMI (net)
Fixed Income	25%	±5%	Bloomberg Barclays Long Liability Index
Treasury Inflation-Protected Securities ("TIPS")	5%	± 3%	Bloomberg Barclays US TIPS Index, Series L
Real Estate Investment Trusts ("REITs")	8%	± 5%	FTSE EPRA/NAREIT Developed Liquid Index (net)
Commodities	3%	± 3%	S&P GSCI Total Return Index
Cash	-	+2%	91 Day Treasury Bill

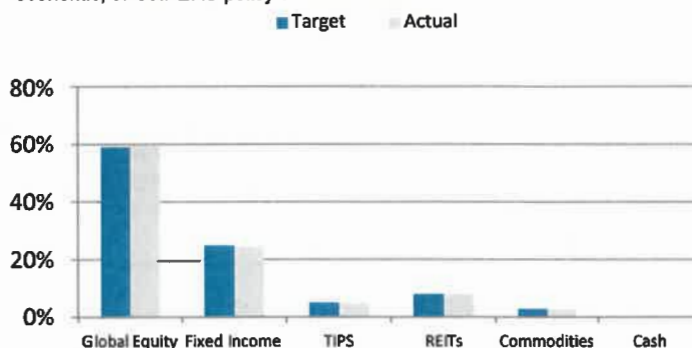
<sup>1</sup> Allocations were approved by the Board at the May 2018 Investment Committee meeting.

### Portfolio Benchmark

The CERBT Strategy 1 benchmark is a composite of underlying asset class market indices, each assigned the target weight for the asset class it represents.

### Target vs. Actual Asset Class Allocations

The following chart shows policy target allocations compared with actual asset allocations as of the specified reporting month-end. CalPERS may overweight or underweight an allocation to a particular asset class based on market, economic, or CalPERS policy considerations.



### CERBT Strategy 1 Performance as of October 31, 2019

	1 Month	3 Months	Fiscal YTD	1 Year	3 Years*	5 Years*	10 Years*	Since Inception* (June 1, 2007)
Gross Return <sup>1,3</sup>	1.90%	2.84%	3.19%	13.66%	8.85%	6.00%	8.17%	5.05%
Net Return <sup>2,3</sup>	1.89%	2.82%	3.16%	13.56%	8.75%	5.91%	8.08%	4.98%
Benchmark returns	1.87%	2.78%	3.12%	13.46%	8.47%	5.62%	7.91%	4.62%
Standard Deviation <sup>4</sup>	-	-	-	-	7.56%	7.83%	9.45%	12.45%

Performance quoted represents past performance, which is no guarantee of future results that may be achieved by the fund.

\* Returns for periods greater than one year are annualized.

<sup>1</sup> Gross performance figures are provided net of SSGA operating expenses.

<sup>2</sup> Net Performance figures deduct all expenses to the fund, including investment management, administrative and recordkeeping fees.

<sup>3</sup> See the Expense section of this document.

<sup>4</sup> Standard Deviation is based on gross returns.

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**General Information**

**Information Accessibility**

The CERBT Strategy 1 portfolio consists of assets managed internally by CalPERS and/or by external advisors. Since it is not a mutual fund, a prospectus is not available nor is information available from a newspaper source. This summary is designed to provide descriptive information. CalPERS provides a quarterly statement of the employer's account and other information about the CERBT. For total market value, detailed asset allocation, investment policy and current performance information, including performance to the most recent month-end, please visit our website at: [www.calpers.ca.gov](http://www.calpers.ca.gov).

**Portfolio Manager Information**

The CalPERS Investment Committee and Board of Administration directs the investment strategy and investments of the CERBT. State Street Global Advisors (SSGA) manages all asset classes for CERBT, which includes: Global Equity, Fixed Income, Real Estate Investment Trusts, Treasury Inflation-Protected Securities, and Commodities.<sup>1</sup>

**Custodian and Record Keeper**

State Street Bank serves as custodian for the CERBT. Northeast Retirement Services serves as record keeper.

**Expenses**

CERBT is a self-funded trust in which participating employers pay for all administrative and investment expenses. Expenses reduce the gross investment return by the fee amount. The larger the fee, the greater the reduction of investment return. Currently, CERBT expenses are 0.10% which consist of administrative expenses borne by CalPERS to administer and oversee the Trust assets, investment management and administrative fees paid to SSGA to manage all asset classes, and recordkeeping fees paid to Northeast Retirement Services to administer individual employer accounts. The expenses described herein are reflected in the net asset value per share. CERBT's actual expenses may differ from the amount currently being accrued due to factors such as changes in average fund assets or market conditions. The expense accrual rate may change without notice in order to reflect changes in average portfolio assets or in expense amounts. The CalPERS Board annually reviews the operating expenses and changes may be made as appropriate. Even if the portfolio loses money during a period, the fee is still charged.

**What Employers Own**

Each employer choosing CERBT Strategy 1 owns a percentage of this portfolio, which invests in pooled asset classes managed by CalPERS and/or external advisors. Employers do not have direct ownership of the securities in the portfolio.

**Price**

The value of the portfolio changes daily based upon the market value of the underlying securities. Just as prices of individual securities fluctuate, the portfolio's value also changes with market conditions.

**Principal Risks of the Portfolio**

The CalPERS CERBT Fund provides California government employers with a trust through which they may prefund retiree medical costs and other post-employment benefits. CERBT is not, however, a defined benefit plan. There is no guarantee that the portfolio will achieve its investment objectives nor provide sufficient funding to meet these employer obligations. Further, CalPERS will not make up the difference between the employer's CERBT assets and the actual cost of Other Post Employment Benefits provided to employer's plan members.

An investment in the portfolio is not a bank deposit, and it is not insured nor guaranteed by the Federal Deposit Insurance Corporation (FDIC), CalPERS, the State of California or any other government agency.

There are risks associated with investing, including possible loss of principal. The portfolio's risk depends in part on the portfolio's asset class allocations and the selection, weighting and risks of the underlying investments. For more information about investment risks, please see the document entitled "CERBT Principal Investment Risks" located at [www.calpers.ca.gov](http://www.calpers.ca.gov).

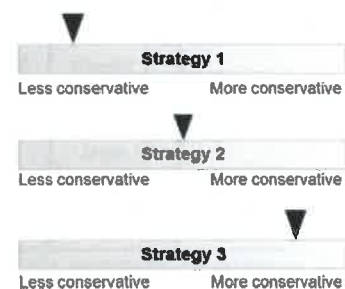
**Fund Performance**

Performance data shown on page 1 represents past performance and is no guarantee of future results. The investment return and principal value of an investment will fluctuate so that an employer's units, when redeemed, may be worth more or less than their original cost. Current performance may be higher or lower than historical performance data shown. For current performance information, please visit [www.calpers.ca.gov](http://www.calpers.ca.gov) and follow the links to California Employers' Retiree Benefit Trust.

**CERBT Strategy Risk Levels**

CalPERS offers employers the choice of one of three investment strategies. Risk levels among strategies vary, depending upon the target asset class allocations. Generally, equities carry more risk than fixed income securities.

Asset Class Target Allocations	Strategy 1	Strategy 2	Strategy 3
Global Equity	59%	40%	22%
Fixed Income	25%	43%	49%
Treasury Inflation-Protected Securities	5%	5%	16%
Real Estate Investment Trusts	8%	8%	8%
Commodities	3%	4%	5%



<sup>1</sup> Since June 2018 SSGA has managed passively all CERBT asset classes. Previously Fixed Income, TIPS and Commodity asset classes were internally managed.