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## **CalPERS**

# 2017

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#### **CalPERS Investment Committee**

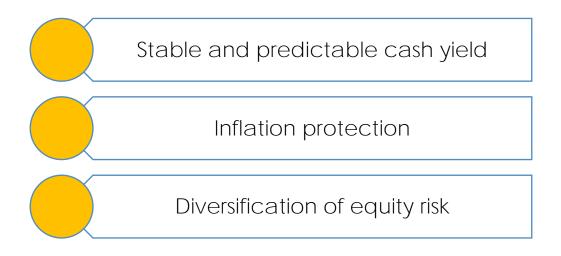
Annual Real Estate Program Review November 2017

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## Role of Real Estate

CalPERS' role for real estate is to provide:



#### Benchmark:

National Council of Real Estate Investment Fiduciaries - Open End Diversified Core Equity (NCREIF-ODCE)



## Portfolio Performance

- Real estate portfolio performance is aligned with CalPERS' organizational values and investment beliefs
- Real estate is fulfilling its intended role, achieving a 5-year net income return for fiscal year 2016/2017 of 3.3%
- Real estate outperformed the 2013 ALM expected return of 7.0% for the one-, three- and five-year time periods

	1-Year Net Return	3-Year Net Return	5-Year Net Return	10-Year Net Return
CalPERS Real Estate Portfolio	7.6%	9.4%	10.8%	-1.3%
NCREIF-OCDE Benchmark	7.4%	10.8%	11.1%	7.8%
Over (Under) Performance	+0.2%	-1.4%	-0.3%	-9.1%

Portfolio is positioned to be cost-efficient



## **Portfolio Characteristics**

Then and now:

Portfolio characteristics continue to move towards the Strategic Plan and Vision 2020

CalPERS Real Estate Portfolio	2007	2009	2017
Core NAV	\$10.9 Billion	\$6.9 Billion	\$23.6 Billion
LTV	60.1%	61.9%	31.4%
Lifecycle			
Core	54%	33%	77%
Value-Add	0%	21%	9%
Opportunistic	46%	46%	14%
External Managers	68	69	21
Commingled Funds	88	74	12
Separate Accounts	58	63	28
Recourse Debt	\$7.0 Billion*	\$4.1Billion	\$4.5 <u>Million</u>

\*Recourse debt amount shown represents data as of March 2008



## A Year of Accomplishments

Fortifying	investment	portfolio
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More focus on base core assets

Investment in existing assets

Lower, fixed-rate leverage

Shifting gears on international investments

Emerging Manager program evolution

Improvements in risk assessment and reporting Promotions and team development



#### Real Assets Portfolio – At inflection point

- ➢ Simpler, lower risk portfolio construction
- ➢ Significant dry powder
- Well-positioned to weather a market correction
- > And take advantage of opportunities as they arise in a timely manner
- $\succ$  Shift from focus on portfolio issues to focus on management issues:
  - Investment Beliefs and ESG Integration
  - ➢ Governance
  - ➢ Segment plans
  - Manager Oversight and RCP programs
  - Team growth and career advancement



#### **Investment Beliefs**

#### Investment Beliefs Integration increasing within Real Assets and Across INVO/ISG

1. Liabilities must influence the asset structure.

CalPERS invests in real estate to generate income, provide diversification, and as an inflation hedge.

2. A long term investment horizon is a responsibility and an advantage.

Real estate is a private, illiquid asset class; assets are generally held for longer periods of time.

3. CalPERS investment decisions may reflect wider stakeholder views.

Targeted investment programs are being used effectively in the RE program, including emerging managers, responsible contractor policy (RCP) programs.

4. Long-term value creation requires effective management of three forms of capital: financial, physical, and human.

The RE portfolio continues to improve governance and engagement on ESG initiatives.

- Costs matter and need to be effectively managed.
   The RE portfolio invests primarily through separate accounts that offer lower fees than funds.
- Risk is multi-faceted and not fully captured through measures such as volatility or tracking error. Staff continues to improve risk management in RE through investment process, analysis, and reporting.



## **ESG** Integration



<u>Weaknesses</u>

### SWOT Analysis – Real Estate Program

#### <u>Strengths</u>

<ul> <li>Strong leadership and diversity of team</li> <li>Increasingly positive market profile and reputation</li> <li>Improved responsiveness</li> <li>Disciplined approach</li> <li>Utilizing ideas and experience of other asset class professionals</li> </ul>	<ul> <li>Limited control over constraints that impact ability to deploy capital <ul> <li>Required rates of return</li> <li>Market conditions</li> <li>Business model</li> <li>Resources</li> </ul> </li> <li>Manager concentration; need to re-underwrite periodically</li> </ul>
<ul> <li>Opportunities</li> <li>Cross-pollination of best sustainable investment practices</li> <li>Explore/assess "harder" investment opportunities: residential development, international, etc.</li> <li>Big data <ul> <li>Investment strategy – fine tuning</li> <li>Risk management</li> <li>ESG initiatives</li> </ul> </li> </ul>	<ul> <li><u>Threats</u></li> <li>Technology changes, space use disruption/innovation, and obsolescence</li> <li>Retention of professionals</li> <li>Downturn in market growth rates and demand</li> </ul>

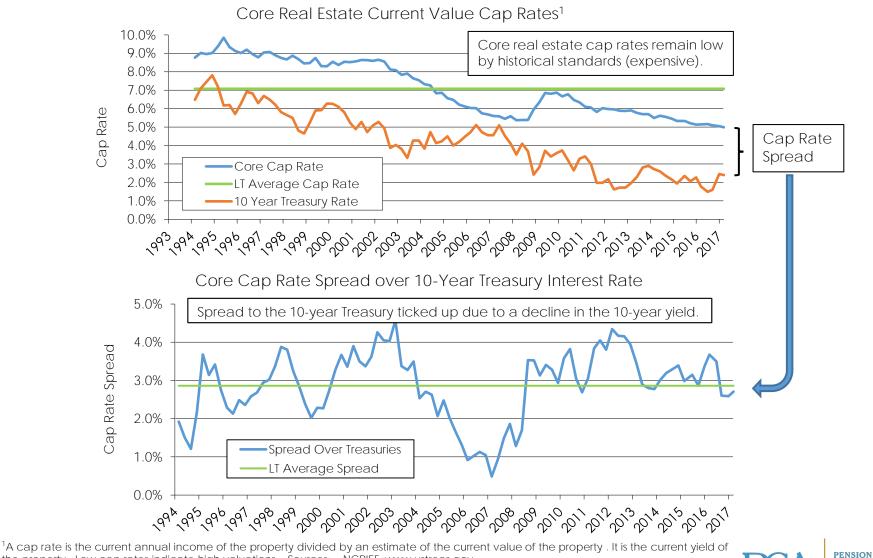
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#### MARKET DATA



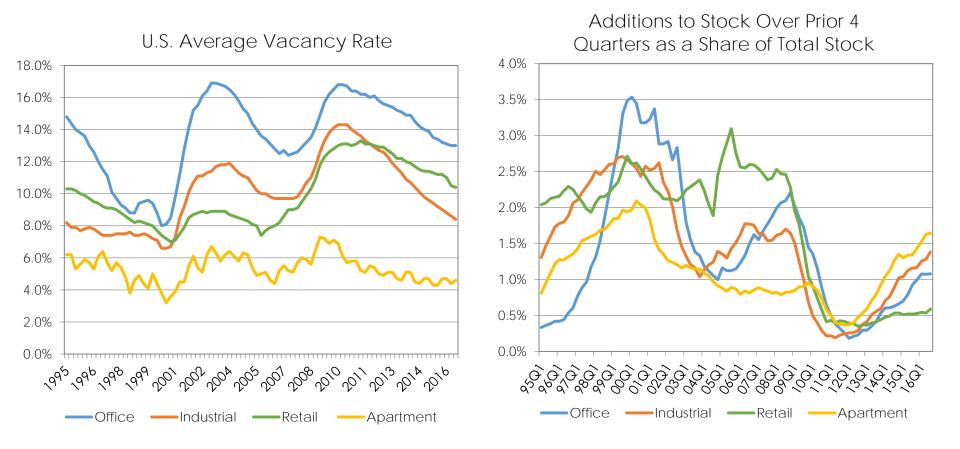
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#### Core Cap Rates



the property. Low cap rates indicate high valuations. Sources: NCRIEF, www.ustreas.gov

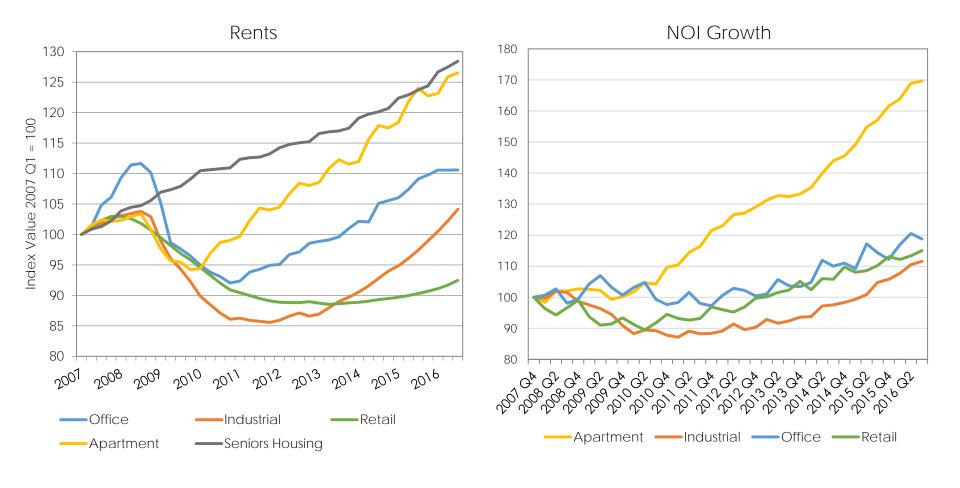
#### Real Estate Fundamentals



Source: AEW

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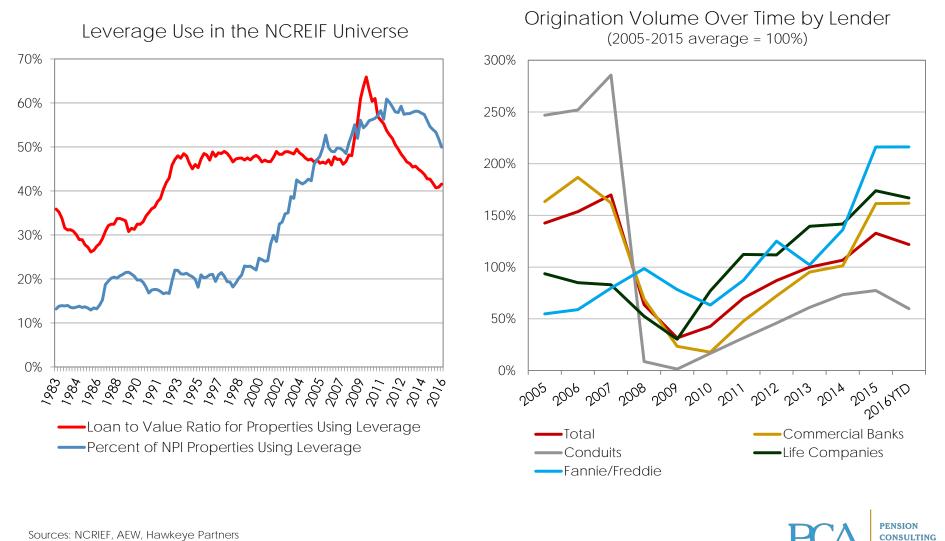
#### **Real Estate Fundamentals**



#### Source: AEW

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#### Leverage



Sources: NCRIEF, AEW, Hawkeye Partners

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