CalPERS

Monthly Update – Investment Controls



Items Completed Under Delegated Authority

| Program Area | Name of Investment | Commitment (million) | Initial Commitment Date | Complies with Delegation Number | New or Additional Commitment |
|----------------|---|----------------------|-------------------------------|---------------------------------------|---------------------------------|
| Global Equity | CalPERS-managed U.S. Total Market Index 3000 Strategy | \$8,009.00 | Dec-1991 | INV-19-04 | Additional Commitment |
| Global Equity | CalPERS-managed International Developed Large/Mid Index Strategy | \$4,366.00 | May-2005 | INV-19-04 | Additional Commitment |
| Global Equity | CalPERS-managed Emerging Markets Large/Mid Index Strategy | \$1,262.00 | Oct-2008 | INV-19-04 | Additional Commitment |
| Global Equity | CalPERS-managed International Developed Small Index Strategy | \$485.00 | Nov-2012 | INV-19-04 | Additional Commitment |
| Global Equity | al Equity CalPERS-managed Emerging Markets Small Index Strategy | | Aug-2008 | INV-19-04 | Additional Commitment |
| Private Equity | Green Equity Investors VIII, L.P. | \$600.00 | Oct-2019 | INV-19-01 | New Commitment |
| Private Equity | Jade Equity Investors, L.P. | \$155.00 | Oct-2019 | INV-19-06 | New Commitment |
| Private Equity | Madison Dearborn Capital Partners VIII, L.P. | \$400.00 | Oct-2019 | INV-19-06 | New Commitment |

Unsolicited Investment Proposal Activity Proposal Status By Asset Class for the Month of October 2019

Start of Month Proposals
New Proposals During the Month
Reinstated Proposal During Month
Decisions During the Month
End of Month Proposals

| | Private A | sset Classes | | Public Asset Classes | | | | |
|----------------|------------|----------------|-------------|----------------------|-----------------|-------------|---------------------|-------|
| Private Equity | Forestland | Infrastructure | Real Estate | Opportunistic | Global Equities | Commodities | Global Fixed Income | Total |
| 16 | 0 | 4 | 4 | 0 | 2 | 0 | 1 | 27 |
| 4 | 0 | 1 | 5 | 2 | 0 | 0 | 1 | 13 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 1 | 0 | 2 | 2 | 0 | 1 | 9 |
| 17 | 0 | 4 | 9 | 0 | 0 | 0 | 1 | 31 |

Status Details

| | | Private Asset Classes Public Asset Classes | | | | | | | |
|-----------------------------------|----------------|--|----------------|-------------|---------------|-----------------|-------------|---------------------|-------|
| Status | Private Equity | Forestland | Infrastructure | Real Estate | Opportunistic | Global Equities | Commodities | Global Fixed Income | Total |
| Start of Month Proposals | | | | | | - | | | |
| Submitted | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| Screening | 8 | 0 | 2 | 4 | 0 | 2 | 0 | 1 | 17 |
| Due Diligence | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 4 |
| Approved | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Subtotal | 16 | 0 | 4 | 4 | 0 | 2 | 0 | 1 | 27 |
| New Proposals During the Month | | | | | | | | | |
| Subtotal | 4 | 0 | 1 | 5 | 2 | 0 | 0 | 1 | 13 |
| Reinstated Proposals During Month | | | | | | | | | |
| Subtotal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Decisions During the Month | | | | | | | | | |
| Committed | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Declined | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 4 |
| Failed to Materialize | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Referred | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| Subtotal | 3 | 0 | 1 | 0 | 2 | 2 | 0 | 1 | 9 |
| End of Month Proposals | | | | | | | | | |
| Submitted | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Screening | 11 | 0 | 2 | 8 | 0 | 0 | 0 | 1 | 22 |
| Due Diligence | 5 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 7 |
| Approved | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Subtotal | 17 | 0 | 4 | 9 | 0 | 0 | 0 | 1 | 31 |

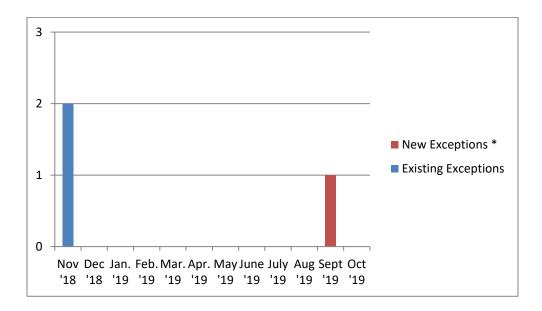
Policy Exceptions

Exceptions to Policy

According to policy requirements, the following is a summary of investment policy exceptions reported by the program areas.

The following program areas had no exceptions to report:

- Global Equity
- Global Fixed Income
- Investment Risk and Performance
- Investment Servicing Division
- Opportunistic Strategies
- Private Equity
- Real Assets
- Sustainable Investment Program
- Trust Level Portfolio Management



^{*} The policy exception noted above for September 2019 arose from program-level leverage limits that were relocated from investment policy to a new Policy-Related Procedure (PRP) later that same month. As a result, the policy exception has now converted to a PRP exception and will not be reflected in the above table for subsequent months.

Policy Exceptions

New:

| Program Area or Asset Class | Event Date | Resolution Date | Policy | Exception Description | Event Description and Resolution (expected) or Next Steps |
|-----------------------------|---------------|--------------------|--------|-----------------------|---|
| No items to report | | | | | |

Policy Exceptions

Existing:

| Program Area or Asset Class | Event Date | Resolution Date | Policy | Exception Description | Event Description and Resolution (expected) or Next Steps |
|-----------------------------|---------------|--------------------|--------|-----------------------|---|
| No items to report | | | | | |

Disclosure of Closed Session Action Items

No items to report.

Investment Transaction Summary

| Oct-19 | | | | | | |
|---------------------------|--------------------|---------------------|------------------|----------------|--------------------|--------------------|
| | | | Total Fund - Puk | olic Markets | | |
| | Public Equity (\$) | Income (\$) | Inflation (\$) | ARS (\$) | Liquidity (\$) | TLPM (\$) |
| Beginning Market Value | 191,151,049,080.78 | 112,293,723,715.70 | 0.45 | 181,502,011.43 | 3,027,998,317.03 | 4,896,196,974.57 |
| + Purchases | 7,146,769,620.99 | 12,656,028,263.89 | | - | 1,013,464,136.02 | 2,314,952,350.63 |
| - Sales | (8,758,054,980.97) | (12,730,324,812.25) | | (1,306,831.01) | (2,506,208,608.00) | (2,296,512,195.94) |
| + Unitized Fund | - | - | - | - | - | |
| Purchases | | | | | | |
| - Unitized Fund | - | - | - | - | - | - |
| Sales | | | | | | |
| +/- Other | 5,992,734,562.87 | 136,127,306.89 | (2,508.41) | 2,337,664.00 | 2,065,701,341.99 | 34,090,698.22 |
| Changes in MV | , , , | , , | , , | , , | . , , | , , |
| Ending Market Value | 195,532,498,283.67 | 112,355,554,474.23 | (2,507.96) | 182,532,844.41 | 3,600,955,187.04 | 4,948,727,827.48 |

| | | Total Fund - Private Markets | | |
|------------------------------|---------------------|---------------------------------|------------------|---------------------|
| | Private Equity (\$) | Real Estate (\$) | Forestland (\$) | Infrastructure (\$) |
| Beginning Market Value | 26,321,346,114.37 | 36,145,713,145.07 | 1,310,405,253.51 | 4,707,935,672.53 |
| + Contributions | 330,287,026.14 | 537,234,779.00 | - | 18,355,945.00 |
| - Distributions | (454,746,259.67) | (183,718,910.00) | (10,140,537.00) | (36,161,002.00) |
| + Unitized Fund Purchases | • | - | - | - |
| - Unitized Fund Sales | - | - | - | - |
| +/- Other Changes in MV | 5,952,382.17 | (89,699,398.40) | 10,140,458.32 | 27,706,063.06 |
| Ending Market Value | 26,202,839,263.01 | 36,409,529,615.67 | 1,310,405,174.83 | 4,717,836,678.59 |

Note: Numbers will not tie exactly to the Asset Allocation/Performance categories due to classification differences.

Investment Transaction Summary

| | Total Public Markets (\$) | Total Private Markets (\$) | Total Fund (\$) |
|---------------------------|---------------------------|----------------------------|---------------------|
| Beginning Market Value | 311,550,470,099.96 | 68,485,400,185.48 | 380,035,870,285.43 |
| + Contributions | 23,131,214,371.53 | 885,877,750.14 | 24,017,092,121.67 |
| - Distributions | (26,292,407,428.17) | (684,766,708.67) | (26,977,174,136.84) |
| + Unitized Fund Purchases | - | - | - |
| - Unitized Fund Sales | - | - | - |
| +/- Other Changes in MV | 8,230,989,065.56 | (45,900,494.85) | 8,185,088,570.71 |
| Ending Market Value | 316,620,266,108.88 | 68,640,610,732.09 | 385,260,876,840.97 |

Note: Numbers will not tie exactly to the Asset Allocation/Performance categories due to classification differences.

Annual Reporting Requirement Under Restricting Private Equity (PE) Investments in Public Sector Outsourcers Policy

| Program Area | Policy | Period | Statement(s) |
|-------------------|--|------------------------|---|
| Private Equity | Statement of Investment Policy for Restricting Private Equity (PE) Investments in Public Sector Outsourcers ("Outsourcers Policy") | 7/1/2018- 6/30/2019 | To the best of CalPERS' knowledge, the Outsourcers Policy has been effective in limiting our General Partners ("GPs") investments in public sector outsourcers, as CalPERS has not received any waiver requests in the last 12 months, and all of our GPs have agreed to make good faith efforts to comply with the Outsourcers Policy. This Policy has had no negative impact on PE Program investment opportunities. |