



Oregon State University Public University Fund Investment Policy

I. Purpose

The purpose of this document is to identify the policies for prudent investment of the Public University Fund assets by providing guidelines for suitable investments consistent with the objectives identified in Section III.

The investment policies and practices are based on state law and prudent money management. All funds will be deposited and invested in accordance with this Policy and all statutes and policies governing the Designated University, Public University Fund, Oregon State Treasury and the Oregon Investment Council.

II. Scope

These rules apply to the investment of funds from all eligible and approved Public University Fund (PUF) participants, and are established under the authority of, and shall not supersede, the requirements established under ORS Chapter 293, ORS 352.450 and the Oregon Investment Council Common University (OIC) Policy INV 407.

III. Objective

The primary objective of the PUF is capital preservation with a secondary objective to maximize total return over a long-term horizon within stipulated risk parameters.

The PUF should provide adequate liquidity for PUF participants' cash flow requirements based upon participant's annual cash flow forecast submissions for assets on deposit in the PUF. Cash balances in excess of forecast liquidity needs shall be invested into longer dated fixed income securities with the objective to maximize total return over the long term.

IV. Portfolio Allocation

Portfolio allocation parameters listed in the following table are intended as general guidelines and subject to review by the Designated University staff and their delegates including investment consultants and investment managers.

Portfolio	Objective	Allocation
Liquidity	Capital preservation to assure adequate cash for liquidity requirements.	<u>Short-Term</u> Funds invested in the Oregon Short Term Fund (OSTF). Target allocation of funds based upon aggregated university participant annual cash flow forecasts. Absent cash flow forecasts, the target allocation will be based upon a minimum of six months estimated operating expenses.
Core	Actively managed to achieve a diversified portfolio of investment grade bonds invested over longer horizons than permitted in OSTF. Based on historical market performance, total returns generated over extended periods are anticipated to be greater than returns realized in shorter-maturity strategies.	<u>Intermediate</u> Investments with a maturity or weighted average life from three years and above.

V. Permitted Holdings

The term “Rating Agencies” is defined as any of the Securities and Exchange Commission (SEC) approved Nationally Recognized Statistical Rating Organizations (NRSROs). Each such Nationally Recognized Statistical Rating Organization (NRSRO) individually a “Rating Agency”.

1. Securities included in the designated performance benchmark(s) unless explicitly restricted in this policy.
2. The Oregon Short-Term Fund (OSTF). Underlying investments of the OSTF are excluded from restrictions in this policy. The OSTF is governed by the OIC and OST-adopted policies and guidelines as documented in OIC Policy INV 303.
3. Obligations issued or guaranteed by the U.S. Treasury or by U.S. federal agencies and instrumentalities, including inflation-indexed obligations.
4. Non-U.S. government securities and Instrumentalities with a minimum long-term rating of Aa2/AA/AA as rated by two or more Rating Agencies at the time of purchase.

5. Municipal debt with a minimum rating of A3/A-/A- as rated by one or more of the Rating Agencies, at the time of purchase.
6. Corporate indebtedness with minimum investment grade ratings by one or more of the Rating Agencies. For avoidance of doubt, no rating from any of the Rating Agencies may be non-investment grade at the time of purchase.
7. Asset-backed securities with minimum investment grade ratings by one or more of the Rating Agencies (Baa3/BBB-/BBB-). For avoidance of doubt, no rating from any of the Rating Agencies may be non-investment grade at the time of purchase.
8. Commercial mortgage-backed securities (CMBS) with minimum investment grade ratings by one or more of the Rating Agencies (Baa3/BBB-/BBB-). For avoidance of doubt, no rating from any of the Rating Agencies may be non-investment grade at the time of purchase.
9. U.S. agency residential mortgage-backed securities (MBS), U.S. agency commercial mortgage-backed securities (ACMBS) and U.S. agency commercial mortgage-backed obligations (CMO).
10. Collateralized loan obligations (CLO) rated AAA (or equivalent rating by one or more of the Rating Agencies) at the time of purchase.

VI. Diversification

The portfolio should be adequately diversified consistent with the following parameters:

1. No more than 3% of portfolio par value may be invested in a single security except for obligations issued or guaranteed by the U.S. Treasury or by U.S. federal agencies and instrumentalities; and
2. No more than 5% of portfolio par value may be invested in the securities of a single issuer except for obligations issued or guaranteed by the U.S. Treasury or by U.S. federal agencies and instrumentalities.

Maximum market value exposures shall be limited as follows:

• U.S. Agency Obligations	50%
• U.S. Corporate Indebtedness	50%
• Municipal Indebtedness	30%
• Asset-backed Securities (ABS)	25%
• Mortgage-backed Securities (MBS)	25%
• U.S. agency commercial mortgage-backed securities (ACMBS)	25%
• Commercial Mortgage-backed Securities (CMBS)	25%
• Collateralized loan obligations (CLOs)	15%

- Structured Securities (Combined ABS, MBS, 50%
ACMBS, CMBS, and CLOs)

3. Issuer, security, and sector-level restrictions shall not apply to OSTF holdings.

VII. Counterparties

A list of all broker/dealer and custodian counterparties shall be provided upon request.

VIII. Risk

1. Maintain a minimum-weighted, average long-term portfolio credit quality no less than A3/A-.
2. Maintain an average modified duration level of +/-10% of the custom benchmark.

IX. Investment Restrictions

1. All investments will be in U.S. dollar denominated securities.
2. All investments will be non-convertible to equity.
3. Collateralized debt obligations (CDO) and Z-tranche investments are not permitted.
4. Investments in Alt-A, non-agency, sub-prime, limited documentation or other "sub-prime" residential mortgage pools are not permitted. No derivative securities are allowed. Structured securities such as ABS, MBS, CMBS, ACMBS and CLOs shall not be considered as using leverage.
5. Investments in issuers identified by the Carbon Underground 200 published by the Fossil Free Indexes LLC (FFI).
 - This restricted security list will be updated annually at calendar year-end and enforced for all new security purchases.
 - Exposures to issuers added to the Carbon Underground 200 subsequent to purchase may be held to maturity.

X. Policy Compliance

1. OST Investment Staff will submit a written action plan to the Designated University (as defined in ORS 352.450(3) (a)) regarding any investment downgraded by at least one rating agency to below investment grade within 10 business days of the downgrade. The plan may indicate why the investment should continue to be held and/or outline an exit strategy.
2. OST Staff will consult with the Designated University, on a pre-trade basis, if an investment trade or trades will result in a cumulative net loss greater than 1% over 3 months prior to trade settlement date.

XI. Safekeeping and Custody

The assets held in the PUF shall be secured through third-party custody and safekeeping procedures. Bearer instruments shall be held only through third-party institutions.

XII. Performance Expectations and Reviews

1. Excluding the short-term allocation, the Core allocation is expected to perform in-line with the following custom benchmark:
 - Bloomberg Barclays Intermediate Government/Credit Total Return Index.
2. OST will provide the Designated University with a monthly report of all non-passive compliance violations of this policy's guidelines.
3. Investment reviews between OST investment staff and the Designated University will occur quarterly and focus on the following elements:
 - Performance relative to objectives;
 - Adherence to this policy; and
 - Trading activity.
4. OST will provide the Designated University with timely notification of material changes in the fund and/or firm operations under consideration or about to be implemented, including organizational or strategy changes that may impact asset management.

XIII. Exceptions

None.

XIV. Failure to Comply

Failure to comply with this policy may be cause for disciplinary action up to and including dismissal.

Document History

- Adopted by the Board of Trustees, October 17, 2014
- Amended October 16, 2015
- Amended January 20, 2017
- Amended October 18, 2019
- Amended January 29, 2021
- Amended April 8, 2022

FY2024 Q2 Investment Reports

BACKGROUND

The Oregon State University (university) investment reports for the second quarter (Q2, October 1 – December 31, 2023) of fiscal year (FY) 2024 are presented in the following four sections:

- **FY2024 Q2 Public University Fund Investment Report** – This section includes a report on the investments of the Public University Fund (PUF) for the second quarter of FY2024. The PUF is an investment pool that is administered by the university on behalf of all Oregon public university participants, pursuant to legislation adopted by the 2014 Legislature. The PUF holds assets of the following participants: Eastern Oregon University, Oregon Institute of Technology, Oregon State University, Portland State University, Western Oregon University, and the Public Universities Risk Management & Insurance Trust (PURMIT). As of December 31, 2023, Southern Oregon University had withdrawn all its operating assets from the PUF.
- **FY2024 Q2 Oregon State University Investment Report** – This section includes a report on the investments of the operating and endowment assets of the university. This report reflects the university’s operating assets and general revenue bond proceeds invested with multiple managers, Board Designated assets, the university’s endowment, and quasi-endowment investments managed by the Oregon State University Foundation, the land held as separately invested endowments, and the land grant endowment that is invested in the PUF.
- **FY2024 Q2 Oregon State University Report on Investments of General Revenue Bond Proceeds** – This section provides a summary of revenue bond proceeds as of December 31, 2023.
- **FY2024 Q2 Market Background** – This section provides a general discussion of the investment markets and related performance information during the second quarter of FY2024.

FY2024 Q2 PUBLIC UNIVERSITY FUND INVESTMENT REPORT

Performance

The PUF increased 2.3% for the quarter and 3.5% fiscal year-to-date. The PUF’s three-year and five-year average returns were 0.9% and 2.2%, respectively.

The Oregon Short-Term Fund increased 1.3% for the quarter and 2.4% fiscal year-to-date, underperforming its benchmark by 10 basis points and 30 basis points, respectively. The Core Bond Fund increased 4.6% for the quarter and 3.8% for the fiscal year, equal to its benchmark for the quarter and outperforming its benchmark by 10 basis points for the fiscal year. The PUF investment yield was 1.3% for the quarter and 2.3% fiscal year-to-date.

Investors showed excitement as the Federal Reserve signaled an end to the current rate increase regime and alluded to potential rate cuts during calendar 2024, moving bond prices higher. The Core Bond Fund’s 18% allocation to structured credit, particularly mortgage-backed securities, supported the Fund’s strong performance during the quarter. The Fund’s investment officers initiated positions in corporate bonds within the financial sector during the period, given the rising expectations that interest rates have peaked for this current rate cycle.

Public University Fund Performance

	Quarter Ended 12/31/2023	Current Fiscal YTD	Prior Fiscal YTD	3-Year Avg.	5-Year Avg.	Market Value	Asset Allocation	Policy
Oregon Short-Term Fund	1.3%	2.4%	1%	2.1%	2%	\$135,757,928	26%	\$100 million minimum ¹
<i>Benchmark - 91-day T-Bill</i>	1.4%	2.7%	1.3%	2.2%	1.9%			
PUF Core Bond Fund	4.6%	3.8%	-1.4%	-0.8%	2.1%	\$386,175,513	74%	
<i>Benchmark ²</i>	4.6%	3.7%	-1.6%	-1.6%	1.5%			
PUF Total Return	2.3%	3.5%	-0.5%	0.9%	2.2%	\$521,933,441	100%	
<i>PUF Investment Yield</i>	1.3%	2.3%	1.4%	2.6%	2.7%			

¹ The PUF policy guidelines define investment allocation targets based upon total participant dollars committed. Core balances in excess of liquidity requirements for the participants are available for investment in the Core Bond Fund. Maximum core investment allocations are determined based upon anticipated average cash balances for all participants during the fiscal year.

² Benchmark is 100% Bloomberg Barclay's Intermediate U.S. Gov't/Credit Index as of February 1, 2021. From April 1, 2017 to January 31, 2021, the benchmark was 75% Bloomberg Barclay's Aggregate 3-5 Years Index, 25% Bloomberg Barclay's Aggregate 5-7 Years Index.

A description of each investment pool's portfolio characteristics and market exposures is included in Attachment 1 of this report.

Investment Income and Participant Ownership

During the quarter, investment earnings distributed to the participants totaled \$6,755,689.

	Earnings Distribution ¹	Market Value as of 12/31/2023	% Ownership
Portland State University	\$3,372,477	\$ 253,353,530	48.5%
Oregon State University ²	1,679,622	152,345,897	29.2%
Western Oregon University	552,373	44,690,404	8.6%
Eastern Oregon University ³	409,735	33,673,157	6.4%
Oregon Institute of Technology	381,030	28,589,850	5.5%
PURMIT	79,751	9,280,603	1.8%
Southern Oregon University	280,701	0	0%
Grand Total	\$6,755,689	521,933,441	100%

¹The earnings available for distribution to participants were earned during the months of September 2023 through November 2023 and distributed to participants in December 2023. Earnings are distributed to participants based upon average cash and investment balances on deposit during the same period, which differs from the total market value at the end of the quarter.

²As of December 31, 2023, Oregon State University's total PUF market value consisted of operating assets, valued at \$152,030,600, and the land grant endowment, valued at \$315,297.

³As of December 31, 2023, Eastern Oregon University's total PUF market value consisted of operating assets, valued at \$32,662,180, and a quasi-endowment, valued at \$1,010,977.

FY2024 Q2 OREGON STATE UNIVERSITY INVESTMENT REPORT

The schedule of Oregon State University's investments is shown in the following investment summary.

Public University Fund Performance

A significant amount of Oregon State University's operating assets and the land grant endowment are invested in the Public University Fund. The report on the investment performance of the PUF, provided in the separate section above, shows the PUF increased by 2.3% for the second fiscal quarter ended December 31, 2023.

OSU Bond Proceeds Performance

The report on the investment performance of the unspent bond proceeds, provided in the Investment Summary table below, shows the funds invested in the Oregon Short-Term Fund gained 1.3% for the quarter and 2.4% fiscal year-to-date. The short duration portfolio, managed by RBC Global Asset Management, increased 2.2% during the quarter and 3.4% fiscal year-to-date. The short-duration portfolio performed well during the quarter due to a rally in bond prices as investors became more optimistic about potential fed funds rate cuts by the Federal Reserve in calendar 2024. The total market value of the unspent bond proceeds as of December 31, 2023, was \$221,498,318 including \$16,991,110 on deposit in university operating bank accounts.

OSU Board Designated Assets Performance

The Board Designated assets are invested in equities, with a long-term capital appreciation objective. The Bond Repayment Investment and Long-Term Equity portfolios increased 12% for the quarter and 6.7% fiscal year-to-date, respectively. Global equities posted strong returns during the period, supporting increases for the Calvert US Large Cap Core and Calvert International Responsible Index funds of 12.8% and 12% respectively. The Calvert Funds' slight underperformance for the fiscal year-to-date is due to their underweight in fossil-fuel related securities versus the benchmark. The Neuberger Berman Genesis small cap equity fund returned 9.1% and 3.5% for the period and fiscal year-to-date, underperforming its benchmark by 490 and 470 basis points, respectively. The Fund's underperformance was due to a significant rally in low-quality and speculative assets during the quarter. Neuberger Berman invests in high quality assets with strong cash positions and therefore is expected to underperform during periods when low-quality assets rise in value. As of December 31, 2023, the total market value of the Bond Repayment Investment and Long-Term Equity portfolios were \$46,034,866 and \$14,657,051, respectively.

The combined market value of the Board Designated assets, as of December 31, 2023, was \$60,691,917, increasing 12% for the quarter.

OSU Endowment Assets Performance

The OSU Endowment Assets, including those managed by the OSU Foundation, increased 6.1% for the quarter and 4.4% fiscal year-to-date. The three-year and five-year average return was 6.8% and 9.9%, respectively. The total market value of the OSU endowment assets as of December 31, 2023, was \$66,812,796.

The OSU Foundation, pursuant to an investment management contract, manages the majority of the university's endowment assets. The OSU Foundation's Endowment Pool increased 7.1% for the quarter and 5.2% fiscal year-to-date. The investment pool underperformed its benchmark by 330 basis points during the quarter and 140 basis points fiscal year-to-date. The endowment assets recorded a 6.3% average return for the three-year period and 10.4% for the five-year time period.

**Oregon State University
Investment Summary
as of December 31, 2023
(Net of Fees)**

	Quarter Ended 12/31/2023	Current Fiscal YTD	Prior Fiscal YTD	3 Yr Avg	5 Yr Avg	10 Yr Avg	Market Value	Actual Asset Allocation	Policy Allocation Range
OSU Operating Assets									
Assets Invested in the Public University Fund									
Oregon Short - Term Fund (<i>Liquidity</i>)	1.3%	2.4%	1.0%	2.1%	2.0%	1.6%	\$ 39,544,045	26.0%	1
Benchmark - 91 day T-Bill	1.4%	2.7%	1.3%	2.2%	1.9%	1.3%			
PUF Core Bond Fund (<i>Intermediate-Term Fixed Income</i>)	4.6%	3.8%	-1.4%	-0.8%	2.1%	N/A	112,486,555	74.0%	1
Benchmark - Bloomberg Barclays Intermediate U.S. Gov't./Credit Index ²	4.6%	3.7%	-1.6%	-1.6%	1.5%	2.0%			
Total Public University Fund	2.3%	3.5%	-0.5%	0.9%	2.2%	N/A	152,030,600	100.0%	
Public University Fund Investment Yield ³	1.3%	2.3%	1.4%	2.6%	2.7%	N/A			
OSU Unspent Bond Proceeds									
Oregon Short - Term Fund (<i>Liquidity</i>)	1.3%	2.4%	1.0%	2.1%	N/A	N/A	5,055,751	2.5%	
Benchmark - 91 day T-Bill	1.4%	2.7%	1.3%	2.2%	1.9%	1.3%			
RBC Short-Duration Fixed Income Portfolio ⁴ (<i>Short-Term Fixed Income</i>)	2.2%	3.4%	0.1%	1.1%	N/A	N/A	199,451,457	97.5%	
Benchmark - 91 day T-Bill ⁵	1.4%	2.1%	1.3%	-0.4%	1.5%	1.3%			
Total Unspent Bond Proceeds							204,507,208	100.0%	
OSU Other Cash ⁶							110,351,012		
OSU PERS SLGRP ⁷	-13.6%	-13.6%	7.5%	N/A	N/A	N/A	11,542,092		
Total OSU Operating Assets							\$ 478,430,912		

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Oregon State University
Investment Summary
as of December 31, 2023
(Net of Fees)

	Quarter Ended 12/31/2023	Current Fiscal YTD	Prior Fiscal YTD	3 Yr Avg	5 Yr Avg	10 Yr Avg	Market Value	Actual Asset Allocation	Policy Allocation Range
OSU Board Designated Assets									
Bond Repayment Investment									
Calvert US Large Cap Core Responsible Index Fund <i>(Domestic Equity)</i>	12.8%	8.3%	2.1%	N/A	N/A	N/A	\$ 25,953,001	56.4%	0% - 100%
Benchmark - Russell 1000 Index	12.0%	8.4%	2.3%	9.0%	15.5%	11.8%			
Calvert International Responsible Index Fund <i>(Intl Equity)</i>	12.0%	5.5%	3.5%	N/A	N/A	N/A	14,017,209	30.4%	0% - 35%
Benchmark - MSCI World ex USA Index	10.5%	6.0%	5.5%	4.4%	8.5%	4.3%			
Neuberger Berman Genesis <i>(Small Cap Equity)</i>	9.1%	3.5%	6.5%	N/A	N/A	N/A	6,064,656	13.2%	0% - 20%
Benchmark - Russell 2000 Index	14.0%	8.2%	3.9%	2.2%	10.0%	7.2%			
Total Bond Repayment Investment	12.0%	6.7%	2.3%	N/A	N/A	N/A	46,034,866	100.0%	
Long-Term Equity									
Calvert US Large Cap Core Responsible Index Fund <i>(Domestic Equity)</i>	12.8%	8.3%	2.1%	N/A	N/A	N/A	8,206,348	56.0%	0% - 100%
Benchmark - Russell 1000 Index	12.0%	8.4%	2.3%	9.0%	15.5%	11.8%			
Calvert International Responsible Index Fund <i>(Intl Equity)</i>	12.0%	5.5%	3.5%	N/A	N/A	N/A	4,561,238	31.1%	0% - 35%
Benchmark - MSCI World ex USA Index	10.5%	6.0%	5.5%	4.4%	8.5%	4.3%			
Neuberger Berman Genesis <i>(Small Cap Equity)</i>	9.1%	3.5%	6.5%	N/A	N/A	N/A	1,889,465	12.9%	0% - 20%
Benchmark - Russell 2000 Index	14.0%	8.2%	3.9%	2.2%	10.0%	7.2%			
Total Long-Term Equity	12.0%	6.7%	6.1%	N/A	N/A	N/A	14,657,051	100.0%	
Total OSU Board Designated Assets	12.0%	6.7%	3.2%	N/A	N/A	N/A	\$ 60,691,917		

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**Oregon State University
Investment Summary
as of December 31, 2023
(Net of Fees)**

	Quarter Ended 12/31/2023	Current Fiscal YTD	Prior Fiscal YTD	3 Yr Avg	5 Yr Avg	10 Yr Avg ⁸	Market Value	Actual Asset Allocation	Policy Allocation Target
OSU Endowment Assets									
OSU Foundation Endowment Pool									
Total Global Equity	11.9%	7.4%	3.2%	4.7%	12.0%	N/A	\$ 26,273,549	45.9%	45.0%
Benchmark - MSCI All Country World Index	11.0%	7.3%	2.3%	5.7%	11.7%	N/A			
Total Global Fixed Income	7.4%	4.0%	-2.2%	-3.5%	0.7%	N/A	5,519,509	9.6%	7.5%
Benchmark - Bloomberg Barclays Global Agg. Bond Index	8.1%	4.2%	-2.7%	-5.5%	-0.3%	N/A			
Total Absolute Return	2.6%	4.1%	0.7%	4.1%	7.3%	N/A	4,722,820	8.2%	10.0%
Benchmark - HFRI Fund of Funds Index	3.6%	4.2%	1.4%	2.3%	5.2%	N/A			
Total Real Assets	4.6%	2.0%	2.8%	9.4%	5.7%	N/A	5,668,530	9.9%	12.5%
Benchmark - Real Assets Custom ⁹	5.2%	4.0%	-3.4%	4.5%	5.4%	N/A			
Total Private Capital ¹⁰	1.8%	4.1%	-0.8%	17.7%	17.5%	N/A	13,394,696	23.4%	25.0%
Benchmark - No benchmark provided									
Total Cash	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1,736,668	3.0%	0.0%
Total OSU Endowment Assets Invested in OSUF Endow. Pool ¹¹	7.1%	5.2%	1.6%	6.3%	10.4%	7.3%	57,315,772	100.0%	100.0%
Benchmark - 77.5% MSCI ACWI/22.5% Bloomberg Global Agg. ¹²	10.4%	6.6%	1.4%	3.4%	9.3%	6.5%			
Other OSU Endowment Assets									
Land Held as Separately Invested Endowment Funds ¹³	0.0%	0.0%	0.0%	10.3%	7.0%	N/A	9,181,727	96.7%	
Other Endowment Assets Invested in the PUF ¹⁴	2.3%	3.5%	-0.5%	0.9%	2.2%	N/A	315,297	3.3%	
Total Other OSU Endowment Assets							9,497,024	100.0%	
Total OSU Endowment Assets	6.1%	4.4%	1.3%	6.8%	9.9%	N/A	\$ 66,812,796		

Note: Outlined returns underperformed their benchmark.

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Oregon State University
Investment Summary
as of December 31, 2023
 (Net of Fees)

- 1** The Public University Fund (PUF) policy guidelines define investment allocation targets based upon total participant dollars committed. Core balances in excess of participant liquidity requirements are available for investment in the Core Bond Fund. Maximum core investment allocations are determined based upon anticipated average participant cash balances during the fiscal year.
- 2** 100% Bloomberg Barclays Intermediate U.S. Gov't./Credit Index as of February 1, 2021. From April 1, 2017 to January 31, 2021, the benchmark was comprised of 75% Bloomberg Barclay's Aggregate 3-5 Years Index, 25% Bloomberg Barclay's Aggregate 5-7 Years Index.
- 3** The reported investment yield for the quarter and fiscal year-to-date represent earned yields for the period and are not annualized rates.
- 4** Assets previously invested in the RBC Liquidity Portfolio were combined with the RBC Short-Duration Income Portfolio in September 2023. Prior Fiscal YTD is a combined return for the RBC Liquidity Portfolio and RBC Short-Duration Fixed Income Portfolio.
- 5** 100% 91 day T-Bill Index as of September 1, 2023. From August 17, 2020 to August 31, 2023, the benchmark was ICE BofA 1-3 year US Corporate & Government Index.
- 6** OSU Other Cash includes bank account balances held for operations. The Commercially Developed Assets were fully liquidated during November 2023 and proceeds held in operating cash. Commercially Developed Assets are shares held in publicly listed companies received through the commercialization of products and intellectual property that are managed in alignment with the OSU Intellectual Property Policy.
- 7** During fiscal year 2021, the university funded a PERS Side Account totaling \$10,000,000 which represented approximately 2.2% of the university's unfunded actuarial liability as of June 30, 2021. PERS contributed \$2,225,203 matching contributions to the Side Account. The Side Account represents a pre-payment of OSU's future contributions. Including earnings, the account balance as of December 31, 2022 was \$11.5 million.
- 8** The OSU Foundation investment advisor, Agility, does not provide a 10-year benchmark for the individual asset classes. The 10-year benchmark is provided at the total pool level only.
- 9** Real Assets Custom Benchmark: 1/3 FTSE EPRA/NAREIT Developed Index, 1/3 Bloomberg Commodity Index, 1/3 Bloomberg U.S. TIPS
- 10** To meet financial period and reporting deadlines, private capital market value and performance figures presented may differ from actual results.
- 11** Investment returns are reported net of investment manager fees; gross of the Foundation's administrative fees.
- 12** The Endowed Pool benchmark consists of 77.5% of the MSCI ACWI and 22.5% of the Barclays Global Aggregate. During the portfolio transition period (July 2016), as agreed with OSUF, the benchmark return was equal to the actual return of the portfolio. Prior to 7/1/16, the benchmark consisted of 15% S&P 500 / 4% Russell 1000 Growth / 17% MSCI EAFE / 6% MSCI Emerging Markets / 6.5% Barclays Aggregate / 6.5% Citi WGBI / 3% Principal Diversified Real Assets Custom Blend / 18% HFRI Fund of Funds Composite Index / 3% S&P North American Natural Resources Sector Index / 3% Alerian MLP Index / 5% NCREIF Townsend Blended Index / 10% Burgiss Global Private Equity Index / 2% 91 Day T-Bills / 1% Mercer Illiquid Natural Resources Index.
- 13** Physical appraisals completed every five years. Valuations in interim years provided by faculty. Investment returns updated annually during the fiscal fourth quarter. Land held as separately invested endowments may not be sold, with the exception of the Matteson property, beginning 2/25/2035, and the Roth property. Land use is restricted to teaching and research. Partial harvests, consistent with good forestry management practices are allowed, with specified uses for ongoing funding for scholarships and an endowed chair.
- 14** Funds provided by the State which are restricted to certain bond investments.

April 4-5, 2024 Board of Trustees Meetings

FY2024 Q2 OREGON STATE UNIVERSITY REPORT ON UNSPENT GENERAL REVENUE BOND PROCEEDS

The schedule of Oregon State University’s unspent revenue bond proceeds as of December 31, 2023, is shown in the summary below.

Unspent Revenue Bond Proceeds¹

Issuance Year	2017	2019	2020	Total ¹
Unspent Revenue Bond Proceeds	\$ 41,777,502	\$ 28,376,274	\$ 144,321,322	\$ 214,475,098
<i>Allocated ²</i>	\$ 41,777,502	\$ 28,376,274	\$ 144,321,322	\$ 214,475,098
Unallocated ³	\$ -	\$ -	\$ -	\$ -

¹ Reported value is based on book value and includes \$16,991,110 of allocated proceeds held in the operations bank account.

The market value of the unspent bond proceeds investment is comprised of the following data elements:
Book Value (\$214,475,098) – Cash in bank (\$16,991,110) + Unrealized Gains (\$6,967,470) + Earnings Receivable (\$55,750) = \$204,507,208.

² Allocated proceeds are proceeds committed to specific projects that have Stage Gate 2 approval by the board.

³ Unallocated proceeds are funds available to commit to projects and/or initiatives approved by the board.

FY2024 Q2 MARKET COMMENTARY

(Prepared by Meketa Investment Group, consultants to the Oregon Investment Council)

Report on Investments – as of December 31, 2023

Economic and Market Update

Markets rallied during the fourth calendar quarter in anticipation of central bank policy rate cuts ahead in 2024.

- Major central banks have largely paused interest rates hikes. Markets are now largely expecting the Federal Open Market Committee (FOMC) to maintain interest rates at the current levels and begin cutting rates as soon as calendar Q1 2024.
- Inflation rose in December in the U.S. and Europe, but both finished the calendar year much lower than where they started. China remained in deflationary territory (-0.3%) at calendar year-end.
- U.S. equities (S&P 500 index) posted strong gains for the quarter (11.7%), raising full calendar year results to +26.3%. Most sectors rallied, driven by growth sectors.
- Non-U.S. developed equity markets also rallied in the fourth calendar quarter (Morgan Stanley Capital International (MSCI) Europe, Australasia, and Far East (EAFE) 10.4%), with the weakening of the U.S. dollar contributing meaningfully (10.4% versus 5% ex.-

U.S. dollar influence). The performance difference between U.S. and international developed equities for the calendar year remained wide (26% versus 18.2%).

- Emerging market equities were up 7.9% in the fourth calendar quarter and 9.8% for calendar 2023 but trailed developed markets due to lagging returns in China (-4.2% Q4/-11.2% one-year). Emerging market equities ex.-China returned 20% in 2023.
- Interest rates generally fell in the fourth calendar quarter, particularly for longer-dated maturities. The broad U.S. bond market rallied (6.8%) for the quarter, lifting calendar year 2023 returns into positive territory (5.5%).

Looking to 2024, the paths of inflation and monetary policy, China’s economic disorder and slowing economic growth, and the wars in Ukraine and Israel, will be key.

After a tough start to the quarter on lingering fears that the Federal Reserve might keep interest rates “higher for longer”, markets rallied in November and December. Economic data generally coming in below expectations sparked expectations that the Federal Reserve might really be done raising policy rates for this cycle.

Strong results for the quarter built on gains for the year with all asset classes finishing in positive territory in calendar year 2023, except commodities.

Market Returns¹
December 31, 2023

	Month	Quarter	YTD	1-Year	3-Year	5-Year	7-Year	10-Year
S&P 500	4.50%	11.70%	26.30%	26.30%	10.00%	15.70%	13.40%	12.00%
MSCI EAFE-ND	5.30%	10.40%	18.20%	18.20%	4.00%	8.20%	6.90%	4.30%
MSCI EM-ND	3.90%	7.90%	9.80%	9.80%	-5.10%	3.70%	5.00%	2.70%
MSCI China-ND	-2.40%	-4.20%	-11.20%	-11.20%	-18.40%	-2.80%	1.20%	0.90%
Bloomberg US Aggregate	3.80%	6.80%	5.50%	5.50%	-3.30%	1.10%	1.30%	1.80%
Bloomberg US TIPS	2.70%	4.70%	3.90%	3.90%	-1.00%	3.20%	2.50%	2.40%
Bloomberg US Corporate High Yield	3.70%	7.20%	13.40%	13.40%	2.00%	5.40%	4.60%	4.60%
ICE BofAML US 3-Month Treasury Bill	0.50%	1.40%	5.00%	5.00%	2.20%	1.90%	1.70%	1.30%
ICE BofAML 1-3 Year US Treasury	1.10%	2.50%	4.30%	4.30%	0.00%	1.30%	1.20%	1.10%
ICE BofAML 10+ Year US Treasury	8.10%	12.00%	2.80%	2.80%	-11.00%	-1.10%	0.10%	2.30%

¹Source: Oregon State Treasury

U.S. Equities: U.S. equities had a strong final quarter of the calendar year, driven by expectations that rate cuts may be ahead in 2024. Small cap stocks outperformed their large cap peers for the quarter while growth outpaced value with the exception of small cap. Large cap stocks outperformed small cap stocks by a wide margin for the calendar year and growth outpaced value across market caps. Calendar year results were clearly driven by large cap technology stocks. Within the S&P 500 index, the “Magnificent 7” stocks generated more than 50% of the total gains.

All sectors posted gains for the fourth calendar quarter, except for energy (-7.2%) given crude oil’s 19% price decline during the fourth calendar quarter. Technology (+16.2%) led the way for the quarter followed by financials (+14.6%). In calendar year 2023, technology (+64.7%) and consumer discretionary (+35%) sectors had the best results, helped respectively by artificial

intelligence optimism and a healthy U.S. consumer. Traditionally defensive sectors like utilities (-7.8%) and consumer staples (-5%) trailed.

Foreign Equity: Optimism around lower inflation and potentially peaking and declining policy rates drove gains in the U.K. and Europe. Japan had weaker results for the quarter as concerns over a strengthening yen weighed on returns in December. Overall weakness in the U.S. dollar also contributed to quarterly and full calendar year results across developed markets.

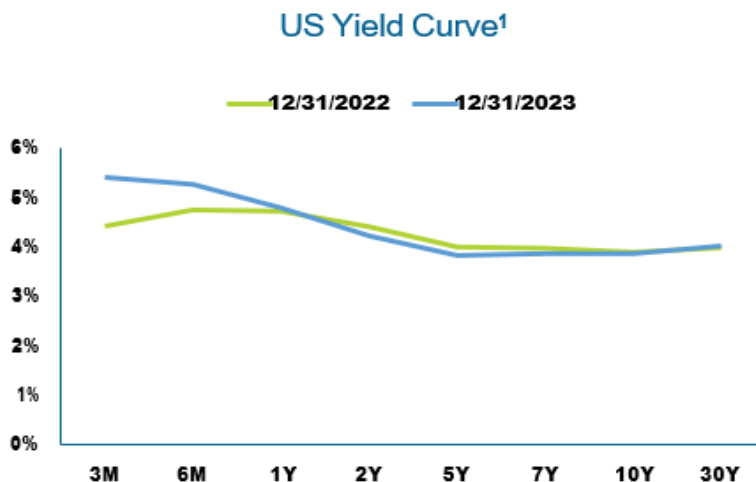
Emerging markets also experienced strong performance in the fourth calendar quarter but trailed developed markets. China weighed on relative results for the quarter and calendar year, declining 4.2% and 11.2%, respectively. Slowing growth, issues in the property sector, and on-going tensions with the U.S. all weighed on results.

Given the strong technology-driven rally last calendar year, the U.S. equity price-to-earnings ratio increased above its 21st century average. Fourth calendar quarter gains brought valuations to their highest level for the calendar year. International equity valuations also increased in the fourth quarter but remain below the U.S. In the case of developed markets, valuations finished the calendar year close to their long-term average, while emerging markets remained well below their average.

Fixed Income: Policy rate expectations swung from pessimism to optimism in November and December. Signs of the labor market cooling and improving inflation led investors to bring forward expectations for interest rate cuts to early 2024, leading to one of the best quarterly results in over twenty years.

The broad U.S. bond market (Bloomberg Aggregate) rallied 6.8% for the quarter, lifting full-year performance into positive territory (+5.5%). The broader Treasury Inflation-Protected Securities (TIPS) index rose 4.7% for the quarter and 3.9% for the calendar year, while the less interest-rate-sensitive short-term TIPS index rose 2.6% and 4.6% over the same periods.

High yield bonds rallied on better risk sentiment (+7.2%), as did emerging market bonds (+8.1%). Both asset classes produced double-digit results during calendar year 2023.



¹ Source: Bloomberg. Data is as of December 31, 2023.

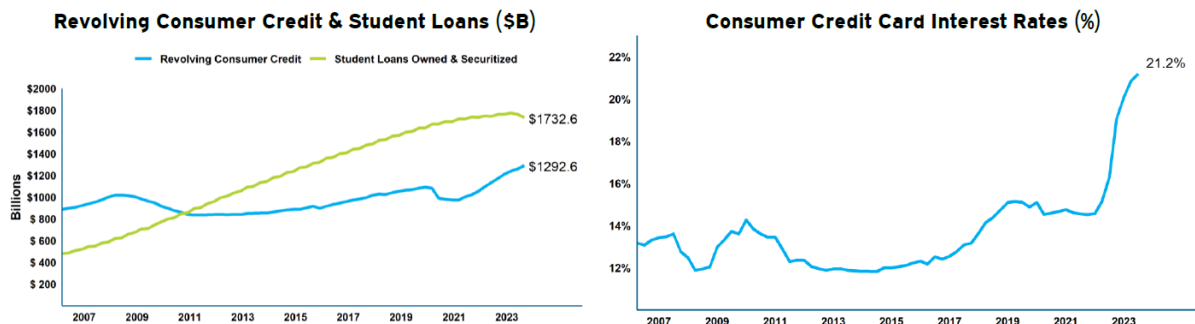
For the quarter, two-year Treasury yields fell from 5.05% to 4.24% while ten-year Treasury yields declined from 4.56% to 3.88%. The yield curve remained inverted at calendar year-end despite a recent flattening trend. The spread between the 2-year and 10-year Treasury was -0.37% at the end of December.

Expectations of peaking policy rates and the corresponding increase in risk appetite benefited credit in the fourth calendar quarter with spreads (the added yield above a comparable maturity Treasury) narrowing. All spreads remain below their respective long run averages. High yield spreads continue to be the furthest below their long-term average given the overall risk appetite last year and lower duration. Investment-grade corporate and emerging market spreads are also below their respective long-term averages, but by smaller margins.

Year-over-year headline inflation rose from 3.1% to 3.4% in December, coming in above expectations of 3.2%. An increase in shelter (+6.2%) drove results, with food also increasing from a year prior (+2.7%) and energy prices falling (-2%). Month-over-month inflation came in at 0.3%, above expectations of 0.2% and the prior reading of 0.1%. Core inflation - excluding food and energy – declined in December (3.9% versus 4%) year-over-year, with shelter costs again driving the total core index increase. Inflation expectations (breakevens) have remained relatively stable despite the recent significant volatility in inflation.

Overall, the U.S. labor market remains healthy with the unemployment rate relatively low, wage growth now positive in real terms, and initial claims for unemployment staying subdued. In December, U.S. unemployment remained unchanged (3.7%) and came in slightly below expectations of an increase to 3.8%. The number of jobs added did come in above expectations (216k versus 175k) though with the most jobs added in the government, leisure and hospitality, and health care sectors.

US Consumer Under Stress?¹



¹ Source: Federal Reserve Economic Data. Data is as of September 2023. Revolving Consumer Credit data is seasonally adjusted to remove distortions during the holiday season.

Despite the strong labor market and higher wages, pressures have started to build on the U.S. consumer. This is an important consideration as consumer spending has been a key driver of economic growth. Revolving consumer credit surged to new highs in 2023 even as credit card interest rates hit levels not seen before (the prior peak was around 19% in the 1980s). The return of student loan repayments after a three-year pandemic-related reprieve could add to pressures on consumers’ budgets. This might be partially mitigated by recently initiated repayment and forgiveness programs. As we look ahead, the strength of the U.S. consumer will remain key as this sector makes up most of the gross domestic economy (GDP).

Global Inflation (CPI Trailing Twelve Months)¹

¹ Source: Federal Reserve Economic Data. Data is as of December 2023. The CPI and 10 Year Breakeven average lines denote the average values from February 1997 to the present month-end, respectively. Breakeven values represent month-end values for comparative purposes.

Slowing inflation and growth have led to expectations for a reduction in the pace of aggressive policy tightening. The Fed has been on hold since July 2023 when it raised rates to a range of 5.25%-5.50%. Markets are pricing in six rate cuts next year given the track of economic data and recent comments from the Fed, while the Fed itself is only predicting three. How this discrepancy is resolved will be key in calendar year 2024.

The European and U.K. central banks also recently paused their rate increases on slowing inflation. In Japan, the Bank of Japan (BOJ) has further relaxed its yield curve control on the 10-year bond, and expectations for further policy normalization are rising. The central bank in China has maintained interest rates at record low levels and continues to inject liquidity into the banking system, as weaker than expected economic data appears to indicate a widespread slowdown.

The U.S. dollar declined around 5% in the fourth calendar quarter as generally weaker economic data led investors to anticipate the end of FOMC tightening and interest rate cuts in 2024. Overall, the dollar finished the year only slightly below where it started but it was a volatile year for the U.S. currency as expectations related to monetary policy evolved.

Summary-Key Trends:

- The impact of inflation still above policy targets will remain important, with bond market volatility likely to stay high.
- Global monetary policies could diverge going forward. The risk of policy errors remains elevated as central banks try to further reduce inflation toward targets while not tipping their economies into recession. In the case of the U.S. the resolution of the disparity between market expectations for the path of interest rates versus the Fed's dot plot will be key.
- Global growth is expected to slow next year, with some economies forecasted to tip into recession. However, optimism has been building that certain economies could

experience soft landings. Inflation, monetary policy, and geopolitical issues will remain key in 2024.

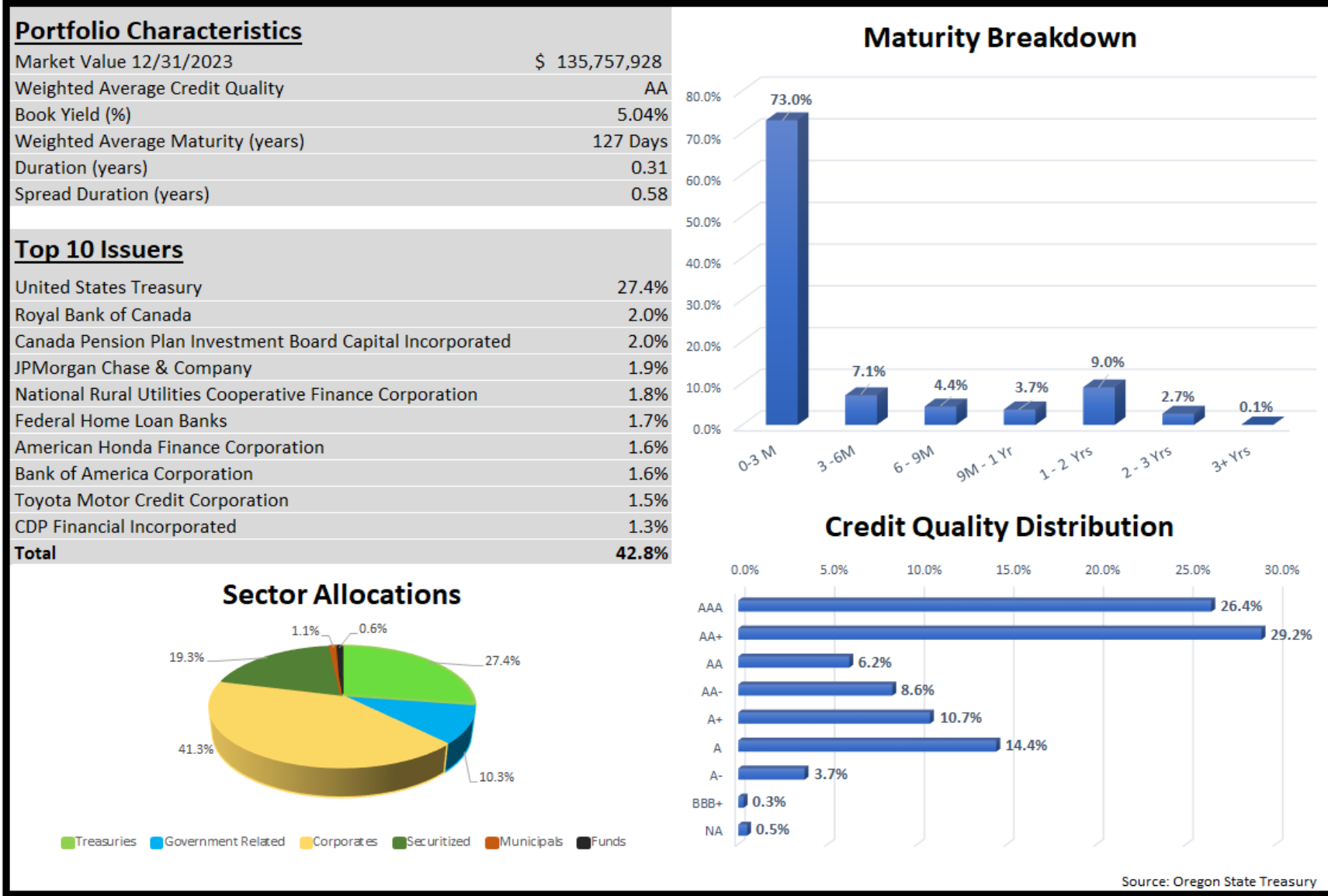
- U.S. consumers could feel pressure as certain components of inflation (e.g., shelter), remain high, borrowing costs are elevated, and the job market may weaken.
- A focus for U.S. equities going forward, will be whether earnings can remain resilient if growth continues to slow.
- Also, the future paths of the large technology companies that have driven market gains will be important.
- Equity valuations remain lower in emerging and developed markets, but risks remain, including the potential for China's economic slowdown and on-going weakness in the real estate sector that could spill over into key trading partners' economies. Japan's recent hint at potentially tightening monetary policy along with changes in corporate governance in the country could influence relative results.
- Recent, heightened tensions in Israel could add to overall uncertainty and drive safe haven flows.

RECOMMENDATION

Staff recommend that the Finance and Administration Committee accept the FY2024 Q2 Investment Reports.

Oregon Short Term Fund

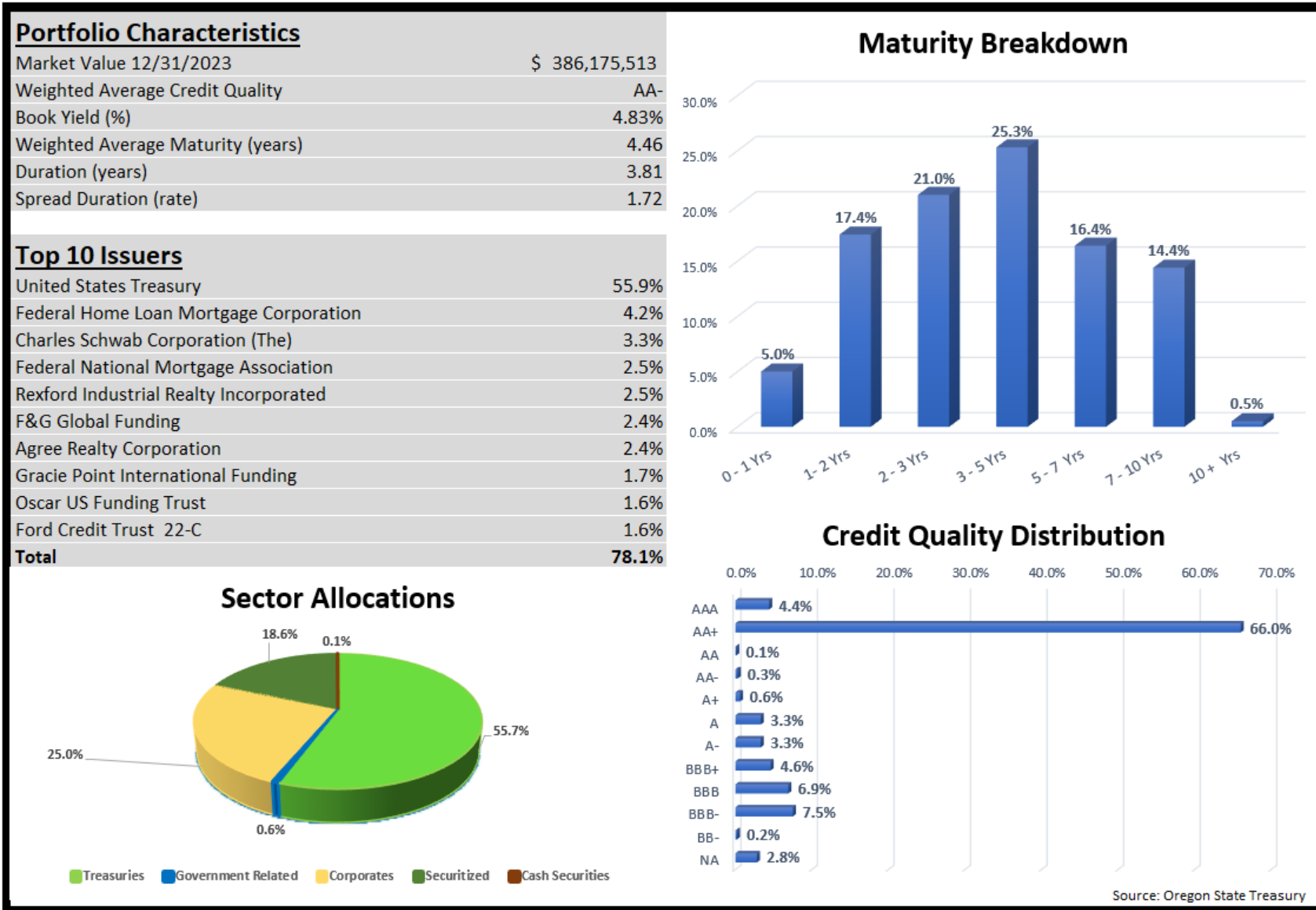
December 31, 2023



April 4-5, 2024 Board of Trustees Meetings

Core Bond Fund

December 31, 2023



April 4-5, 2024 Board of Trustees Meetings

Neuberger Berman Holdings

Security Name Long	Units	Price Portfolio	Market Value Clean Portfolio	Accrued Interest Net Portfolio	ASOF
ADVANCED ENERGY INDUSTRIES INC COMMON STOCK USD.001	112.00	108.92	12,199.04	0.00	12/31/2023
AMERISAFE INC COMMON STOCK USD.01	230.00	46.78	10,759.40	0.00	12/31/2023
AMPHASTAR PHARMACEUTICALS INC COMMON STOCK USD.0001	207.00	61.85	12,802.95	0.00	12/31/2023
APTARGROUP INC COMMON STOCK USD.01	143.00	123.62	17,677.66	0.00	12/31/2023
ARCOSA INC COMMON STOCK USD.01	185.00	82.64	15,288.40	0.00	12/31/2023
ASBURY AUTOMOTIVE GROUP INC COMMON STOCK USD.01	143.00	224.97	32,170.71	0.00	12/31/2023
ASPEN TECHNOLOGY INC COMMON STOCK	103.00	220.15	22,675.45	0.00	12/31/2023
ATRION CORP COMMON STOCK USD.1	22.00	378.79	8,333.38	0.00	12/31/2023
BANK OF HAWAII CORP COMMON STOCK USD.01	164.00	72.46	11,883.44	0.00	12/31/2023
BIO-TECHNE CORP COMMON STOCK USD.01	430.00	77.16	33,178.80	0.00	12/31/2023
BRIGHT HORIZONS FAMILY SOLUTIO COMMON STOCK USD.001	112.00	94.24	10,554.88	0.00	12/31/2023
CABLE ONE INC COMMON STOCK USD.01	19.00	556.59	10,575.21	0.00	12/31/2023
CACTUS INC COMMON STOCK USD.01	332.00	45.40	15,072.80	0.00	12/31/2023
CASELLA WASTE SYSTEMS INC COMMON STOCK USD.01	64.00	85.46	5,469.44	0.00	12/31/2023
CBIZ INC COMMON STOCK USD.01	78.00	62.59	4,882.02	0.00	12/31/2023
CHEMED CORP COMMON STOCK USD1.0	58.00	584.75	33,915.50	0.00	12/31/2023
CHURCH + DWIGHT CO INC COMMON STOCK USD1.0	80.00	94.56	7,564.80	0.00	12/31/2023
COLLIERS INTERNATIONAL GROUP I COMMON STOCK	28.00	126.52	3,542.56	3.13	12/31/2023
COMMUNITY BANK SYSTEM INC COMMON STOCK USD1.0	371.00	52.11	19,332.81	166.95	12/31/2023
COMMVAULT SYSTEMS INC COMMON STOCK USD.01	187.00	79.85	14,931.95	0.00	12/31/2023
CORVEL CORP COMMON STOCK USD.0001	29.00	247.21	7,169.09	0.00	12/31/2023
CRA INTERNATIONAL INC COMMON STOCK	71.00	98.85	7,018.35	0.00	12/31/2023
CRANE CO COMMON STOCK	47.00	118.14	5,552.58	0.00	12/31/2023
CSW INDUSTRIALS INC COMMON STOCK USD.01	132.00	207.41	27,378.12	0.00	12/31/2023
CULLEN/FROST BANKERS INC COMMON STOCK USD.01	177.00	108.49	19,202.73	0.00	12/31/2023
EAGLE MATERIALS INC COMMON STOCK USD.01	170.00	202.84	34,482.80	42.50	12/31/2023
ELEMENT SOLUTIONS INC COMMON STOCK USD.01	646.00	23.14	14,948.44	0.00	12/31/2023
ESAB CORP COMMON STOCK USD.001	218.00	86.62	18,883.16	13.08	12/31/2023
ESCO TECHNOLOGIES INC COMMON STOCK USD.01	94.00	117.03	11,000.82	0.00	12/31/2023
EXPONENT INC COMMON STOCK USD.001	307.00	88.04	27,028.28	0.00	12/31/2023
FAIR ISAAC CORP COMMON STOCK USD.01	40.00	1,164.01	46,560.40	0.00	12/31/2023
FEDERAL SIGNAL CORP COMMON STOCK USD1.0	35.00	76.74	2,685.90	0.00	12/31/2023
FIRST FINANCIAL BANKSHARES INC COMMON STOCK USD.01	452.00	30.30	13,695.60	81.36	12/31/2023
FIRSTSERVICE CORP COMMON STOCK	191.00	162.09	30,959.19	32.23	12/31/2023
FLOOR & DECOR HOLDINGS INC COMMON STOCK USD.001	181.00	111.56	20,192.36	0.00	12/31/2023

FOX FACTORY HOLDING CORP COMMON STOCK USD.001	257.00	67.48	17,342.36	0.00	12/31/2023
FTI CONSULTING INC COMMON STOCK USD.01	147.00	199.15	29,275.05	0.00	12/31/2023
GLACIER BANCORP INC COMMON STOCK USD.01	362.00	41.32	14,957.84	0.00	12/31/2023
GRACO INC COMMON STOCK USD1.0	223.00	86.76	19,347.48	0.00	12/31/2023
GROCERY OUTLET HOLDING CORP COMMON STOCK USD.001	255.00	26.96	6,874.80	0.00	12/31/2023
HAEMONETICS CORP COMMON STOCK USD.01	354.00	85.51	30,270.54	0.00	12/31/2023
HAGERTY INC COMMON STOCK USD.0001	401.00	7.80	3,127.80	0.00	12/31/2023
HAMILTON LANE INC COMMON STOCK	84.00	113.44	9,528.96	37.38	12/31/2023
HAYWARD HOLDINGS INC COMMON STOCK USD.001	918.00	13.60	12,484.80	0.00	12/31/2023
HILLMAN SOLUTIONS CORP COMMON STOCK USD.0001	994.00	9.21	9,154.74	0.00	12/31/2023
HOULIHAN LOKEY INC COMMON STOCK USD.001	124.00	119.91	14,868.84	0.00	12/31/2023
ICON PLC COMMON STOCK EUR.06	63.00	283.07	17,833.41	0.00	12/31/2023
JACK HENRY & ASSOCIATES INC COMMON STOCK USD.01	80.00	163.41	13,072.80	0.00	12/31/2023
KADANT INC COMMON STOCK USD.01	109.00	280.31	30,553.79	0.00	12/31/2023
KIRBY CORP COMMON STOCK USD.1	427.00	78.48	33,510.96	0.00	12/31/2023
LAKELAND FINANCIAL CORP COMMON STOCK	137.00	65.16	8,926.92	0.00	12/31/2023
LATTICE SEMICONDUCTOR CORP COMMON STOCK USD.01	520.00	68.99	35,874.80	0.00	12/31/2023
LCI INDUSTRIES COMMON STOCK USD.01	97.00	125.71	12,193.87	0.00	12/31/2023
LINDSAY CORP COMMON STOCK USD1.0	99.00	129.16	12,786.84	0.00	12/31/2023
LITTELFUSE INC COMMON STOCK USD.01	126.00	267.56	33,712.56	0.00	12/31/2023
MANHATTAN ASSOCIATES INC COMMON STOCK USD.01	193.00	215.32	41,556.76	0.00	12/31/2023
MARKETAXESS HOLDINGS INC COMMON STOCK USD.003	33.00	292.85	9,664.05	0.00	12/31/2023
MKS INSTRUMENTS INC COMMON STOCK	117.00	102.87	12,035.79	0.00	12/31/2023
MODEL N INC COMMON STOCK USD.00015	423.00	26.93	11,391.39	0.00	12/31/2023
NETSCOUT SYSTEMS INC COMMON STOCK USD.001	265.00	21.95	5,816.75	0.00	12/31/2023
NEXSTAR MEDIA GROUP INC COMMON STOCK USD.01	174.00	156.75	27,274.50	0.00	12/31/2023
NORDSON CORP COMMON STOCK	75.00	264.16	19,812.00	51.00	12/31/2023
NOVANTA INC COMMON STOCK	113.00	168.41	19,030.33	0.00	12/31/2023
OCEANEERING INTERNATIONAL INC COMMON STOCK USD.25	813.00	21.28	17,300.64	0.00	12/31/2023
OMEGA FLEX INC COMMON STOCK USD.01	52.00	70.51	3,666.52	17.16	12/31/2023
POOL CORP COMMON STOCK USD.001	104.00	398.71	41,465.84	0.00	12/31/2023
POWER INTEGRATIONS INC COMMON STOCK USD.001	373.00	82.11	30,627.03	0.00	12/31/2023
PROSPERITY BANCSHARES INC COMMON STOCK USD1.0	208.00	67.73	14,087.84	116.48	12/31/2023
QUAKER CHEMICAL CORP COMMON STOCK USD1.0	50.00	213.42	10,671.00	0.00	12/31/2023
QUALYS INC COMMON STOCK USD.001	226.00	196.28	44,359.28	0.00	12/31/2023
QUIDELORTHO CORP COMMON STOCK USD.001	104.00	73.70	7,664.80	0.00	12/31/2023
RBC BEARINGS INC COMMON STOCK USD.01	145.00	284.89	41,309.05	0.00	12/31/2023
RICHELIEU HARDWARE LTD COMMON STOCK	274.00	36.21	9,921.53	0.00	12/31/2023
RLI CORP COMMON STOCK USD1.0	154.00	133.12	20,500.48	0.00	12/31/2023
ROGERS CORP COMMON STOCK USD1.0	46.00	132.07	6,075.22	0.00	12/31/2023

ROLLINS INC COMMON STOCK USD1.0	345.00	43.67	15,066.15	0.00	12/31/2023
SHIFT4 PAYMENTS INC COMMON STOCK	146.00	74.34	10,853.64	0.00	12/31/2023
SIMPLY GOOD FOODS CO/THE COMMON STOCK USD.0001	233.00	39.60	9,226.80	0.00	12/31/2023
SIMULATIONS PLUS INC COMMON STOCK USD.001	160.00	44.75	7,160.00	0.00	12/31/2023
SITEONE LANDSCAPE SUPPLY INC COMMON STOCK USD.01	74.00	162.50	12,025.00	0.00	12/31/2023
SITIO ROYALTIES CORP COMMON STOCK USD.0001	961.00	23.51	22,593.16	0.00	12/31/2023
SPS COMMERCE INC COMMON STOCK USD.001	199.00	193.84	38,574.16	0.00	12/31/2023
SPX TECHNOLOGIES INC COMMON STOCK USD.01	212.00	101.01	21,414.12	0.00	12/31/2023
STANDEX INTERNATIONAL CORP COMMON STOCK USD1.5	101.00	158.38	15,996.38	0.00	12/31/2023
STEVANATO GROUP SPA COMMON STOCK	396.00	27.29	10,806.84	0.00	12/31/2023
STEWART INFORMATION SERVICES C COMMON STOCK USD1.0	138.00	58.75	8,107.50	0.00	12/31/2023
STOCK YARDS BANCORP INC COMMON STOCK	157.00	51.49	8,083.93	0.00	12/31/2023
TECHTARGET INC COMMON STOCK USD.001	180.00	34.86	6,274.80	0.00	12/31/2023
TETRA TECH INC COMMON STOCK USD.01	161.00	166.93	26,875.73	0.00	12/31/2023
TEXAS PACIFIC LAND CORP COMMON STOCK USD.01	4.00	1,572.45	6,289.80	0.00	12/31/2023
TEXAS ROADHOUSE INC COMMON STOCK USD.001	189.00	122.23	23,101.47	0.00	12/31/2023
TIDEWATER INC COMMON STOCK	448.00	72.11	32,305.28	0.00	12/31/2023
TORO CO/THE COMMON STOCK USD1.0	251.00	95.99	24,093.49	90.36	12/31/2023
TRACTOR SUPPLY CO COMMON STOCK USD.008	64.00	215.03	13,761.92	0.00	12/31/2023
TRANSCAT INC COMMON STOCK USD.5	81.00	109.33	8,855.73	0.00	12/31/2023
TRANSOCEAN LTD COMMON STOCK CHF.1	1,017.00	6.35	6,457.95	0.00	12/31/2023
TYLER TECHNOLOGIES INC COMMON STOCK USD.01	44.00	418.12	18,397.28	0.00	12/31/2023
UFP TECHNOLOGIES INC COMMON STOCK USD.01	86.00	172.04	14,795.44	0.00	12/31/2023
UNITED COMMUNITY BANKS INC/GA COMMON STOCK USD1.0	458.00	29.26	13,401.08	105.34	12/31/2023
UTZ BRANDS INC COMMON STOCK USD.0001	495.00	16.24	8,038.80	28.26	12/31/2023
VALMONT INDUSTRIES INC COMMON STOCK USD1.0	121.00	233.51	28,254.71	72.60	12/31/2023
VERTEX INC COMMON STOCK USD.001	444.00	26.94	11,961.36	0.00	12/31/2023
WATSCO INC COMMON STOCK USD.5	55.00	428.47	23,565.85	0.00	12/31/2023
WD-40 CO COMMON STOCK USD.001	69.00	239.07	16,495.83	0.00	12/31/2023
WEST PHARMACEUTICAL SERVICES I COMMON STOCK USD.25	52.00	352.12	18,310.24	0.00	12/31/2023
WINMARK CORP COMMON STOCK	37.00	417.55	15,449.35	0.00	12/31/2023
USD SET UAS Bank Account	42,260.40	1.00	42,260.40	0.00	12/31/2023

1,888,353.17