# THE UNIVERSITY OF MICHIGAN REGENTS COMMUNICATION

#### ITEM FOR INFORMATION

Subject: Monthly Investment Report

#### Background and Summary:

Attached is the Monthly Investment Report for the Long Term Portfolio as of December 31, 2015.

- Page 1 summarizes the assets as of December 31, 2015. Allocations to alternative assets (Illiquid) reflect market values as of September 30, 2015, the most recent date available, adjusted for contributions and distributions through December.
- Page 2 reports the performance of Marketable Securities by asset class for select periods ending December 31, 2015.
- Page 3 reports the performance for the entire portfolio by asset class as of September 30,
   2015. The investment performance of Alternative Assets is reported with this one quarter lag in order to gather the requisite information from the limited partnerships.
- Page 4 summarizes the assets as of September 30, 2015.

Respectfully submitted,

L. Erik Lundberg, CFA

Chief Investment Officer

Keviply. Hegarty

Executive Vice President and

Chief Financial Officer

February 2016 Attachment

#### LONG TERM PORTFOLIO

### Asset Allocation As of December 31, 2015

	Market Value		
MARKETABLE SECURITIES (8)	in millions	Allocation	
Equities	\$ 2,606.0	26.6%	
Fixed Income (b)	1,014.4	10.3	
Cash	269.4	2.7	
Total Traditional Assets	\$ 3,889.8	39.7%	
Absolute Return	1,845.0	18.8	
TOTAL MARKETABLE SECURITIES	\$ 5,734.8	58.5%	

ALTERNATIVE ASSETS (Illiquid) (c)	Market Value in millions	Allocation
Venture Capital	\$ 1,365.6	13.9%
Private Equity	1,254.0	12.8
Real Estate	823.9	8.4
Natural Resources	627.3	6.4
TOTAL ALTERNATIVE ASSETS (Illiquid)	\$ 4,070.8	41.5%
TOTAL LONG TERM PORTFOLIO	\$ 9,805.6	100.0%

Note: Subtotals may not add due to rounding.

- (a) Marketable securities include some investments in funds that have liquidity provisions which enable the University to make full or partial withdrawals with notice subject to restrictions on the timing and amounts, and illiquid private equity structures in which underlying investments are in the form of market traded securities.
- (b) The fixed income allocation includes a receivable note which represents part of the proceeds from a real estate secondary sale.
- (c) Allocations to Alternative Assets (Illiquid) reflect market values as of September 30, 2015, the most recent date available, adjusted for contributions and distributions through December.

# LONG TERM PORTFOLIO Performance Marketable Securities Only <sup>(a)</sup> As of December 31, 2015

	Mar	ket Value		Return in Percer	ıt
MARKETABLE SECURITIES	in	millions	3 Months	Fiscal YTD	Calendar YTO
TOTAL MARKETABLE SECURITIES	\$	5,734.8	1.78	-4.36	-2.18
Custom Benchmark for Marketable Securities			2.53	-3.03	-0.91
Equities	\$	2,606.0	3.28	-7.41	-3.48
Russell 3000/Citigroup BMI EX US/IFC-I			4.99	-5.14	-1.53
Fixed Income		1,014.4	-0.24	0.47	-1.22
Barclays Aggregate/Long Bond			-0.75	0.94	-1.35
Cash		269.4	-0.01	0.18	0.61
Treasury Bills			0.03	0.04	0.05
Absolute Return		1,845.0	0.91	-3.14	-1.37
HFRI Fund of Funds Index			0.63	-2.94	-0.33

<sup>(</sup>a) These returns do not include Alternative Assets (Illiquid), which are valued only quarterly. Alternative Assets (Illiquid) returns and total portfolio returns therefore will be reported quarterly when the data becomes available.

### Performance Summary LONG TERM PORTFOLIO As of September 30, 2015

LONG TERM PORTFOLIO	Market Value	Return	in Percent
	in millions	Fiscal YTD	Calendar YTD
TOTAL LONG TERM PORTFOLIO	\$ 9,759.0	-4.13	-0.32
Custom Benchmark for Long Term Portfolio		-3.85	-0.75
Blended Passive Index <sup>(a)</sup>		-6.41	-5.31

	Market Value	Return	in Percent
MARKETABLE SECURITIES	in millions	Fiscal YTD	Calendar YTD
TOTAL MARKETABLE SECURITIES	\$ 5,625.1	-6.02	-3.88
Custom Benchmark - Marketable Securities		-5.42	-3.35
Equities	\$ 2,585.3	-10.35	-6.55
Russell 3000/Citigroup BMI EX US/IFC-I		-9.65	-6.20
Fixed Income	1,017.3	0.71	-0.98
Barclays Aggregate/Long Bond		1.71	-0.60
Cash	259.4	0.19	0.62
Treasury Bills		0.01	0.02
Absolute Return	1,763.1	-4.02	-2.26
HFRI Fund of Funds Index	¥.	-3.55	-0.95

	Market Value in millions		Return in Percent	
ALTERNATIVE ASSETS			Fiscal YTD	Calendar YTD
TOTAL ALTERNATIVE ASSETS (Illiquid)	\$	4,133.9	-1.42	5.13
Custom Benchmark - Alternative Assets (Illiquid)			-1.49	3.12
Venture Capital	\$	1,363.9	-2.02	9.34
CA Venture Capital Index			-0.37	10.35
Private Equity		1,305.8	0.34	6.80
CA Private Equity Index			-1.00	5.75
Real Estate		867.6	0.31	4.71
CA Real Estate Index			2.04	8.19
Natural Resources		596.5	-6.14	-5.90
Blended Natural Resources Index			-8.62	-14.32

Performance for all assets is shown as of September 30, 2015, to be consistent with the most recent valuation date for alternative assets.

<sup>(</sup>a) The benchmark has been modified to include additional asset classes in order to be more representative of a passive implementation of a global, diversified institutional portfolio. The benchmark shown is the historical 80% Equities/20% Fixed Income benchmark until June 30, 2011, and the new, broader benchmark after that date.

## LONG TERM PORTFOLIO Asset Allocation As of September 30, 2015

MARKETABLE SECURITIES	Market Value In millions	Allocation
Equities	\$ 2,585.3	26.5%
Fixed Income	1,017.3	10.4
Cash	259.4	2.7
Total Traditional Assets	\$ 3,862.0	39.6%
Absolute Return	1,763.1	18.1
TOTAL MARKETABLE SECURITIES	\$ 5,625.1	57.6%

Market Value	
In millions	Allocation
\$ 1,363.9	14.0%
1,305.8	13.4
867.6	8.9
596.5	6.1
\$ 4,133.9	42.4%
\$ 9,759.0	100.0%
	In millions \$ 1,363.9 1,305.8 867.6 596.5 \$ 4,133.9

Note: Subtotals may not add due to rounding.