



Monthly Investment Performance Analysis

Wyoming State Treasurer's Office

Period Ended: January 31, 2018



Calendar Year Performance											Annualized Statistics (01/2006 - 01/2018)				
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	CYTD (As of 01/18)	Return	Standard Deviation	Sharpe Ratio	
Best	5.24	49.13	26.85	15.99	16.83	38.82	13.88	15.02	21.31	27.19	5.73	US Equity Custom Index - US All Cap	9.18	14.10	0.61
	3.06	45.12	21.74	14.26	16.76	32.39	13.69	13.33	13.00	23.97	5.64	S&P 500 Index - US Large Cap	9.27	14.08	0.62
	-5.22	34.63	16.77	11.16	16.35	32.39	12.50	5.59	12.74	21.83	5.57	Rusell 2000 Index - US Small Cap	8.75	18.77	0.48
	-6.46	32.46	16.36	7.84	16.13	24.96	11.82	1.38	11.96	21.13	5.27	MSCI ACW Index - Global	6.93	15.72	0.44
	-10.01	27.17	15.68	3.49	16.00	22.80	11.18	0.55	10.69	15.21	4.48	International Equity Custom Index - International	4.62	17.29	0.28
	-21.37	26.46	15.06	2.11	16.00	21.26	9.42	0.48	10.44	14.65	3.10	Cambridge US PE Index - Private Equity	11.42	9.75	1.05
	-22.48	26.46	15.06	2.11	14.96	15.29	5.97	0.18	9.94	13.70	2.61	NCREIF ODCE Index - Core Real Estate	6.76	8.40	0.69
	-23.62	21.98	13.11	0.66	13.43	13.94	4.89	-0.27	8.77	11.75	2.23	NCREIF Property Index - Value-Added Real Estate	7.65	6.28	1.04
	-33.79	13.22	12.67	-1.75	10.94	10.98	4.16	-1.47	7.97	7.69	0.52	HFRI FOF Comp Index	2.73	5.13	0.33
	-35.73	11.47	10.82	-4.18	10.77	8.96	3.37	-2.36	7.86	7.62	0.08	BofA ML All Cnvrts Index (All Qual) - Convertibles	7.75	11.82	0.59
	-37.00	5.93	9.28	-5.18	10.54	4.22	2.95	-3.24	4.50	6.96	0.00	Bloomberg US Agg Bond Index - Fixed Income	4.15	3.15	0.94
	-37.00	1.17	6.54	-5.72	4.79	0.12	0.18	-4.41	2.65	5.20	0.00	Credit Custom Index - Fixed Income	5.53	6.72	0.66
	-42.19	-16.85	5.70	-7.35	4.21	-2.02	-3.87	-5.66	0.51	3.54	0.00	JPM GBI-EM Gbl Dvfd Index (USD) - EMD	5.98	12.51	0.44
Worst	-43.06	-29.76	0.73	-13.71	0.26	-8.98	-5.72	-14.92	0.38	0.84	-1.15	JP Morgan Cash Custom Index - Cash Equiv	1.47	0.58	1.30

The Cambridge US Private Equity Index is shown for informational purposes only. Due to availability of data, current quarter performance assumes a 0.00% return. Calculations are based on a monthly periodicity.



Asset Allocation & Performance			
	Allocation		Performance (%)
	Market Value (\$)	%	FYTD
Total Fund	20,832,351,648	100.00	4.69
US Equity Composite	2,200,779,134	10.56	15.69
State Street All Cap	1,678,864,624	8.06	16.48
Epoch	299,190,064	1.44	17.96
Lazard	550	0.00	N/A
UW Portfolio Mgmt Program	1,541,722	0.01	16.34
RBC	221,182,174	1.06	12.74
Global Equity Composite	466,902,862	2.24	18.51
Arrowstreet	466,902,862	2.24	18.51
Int'l Equity Composite	1,895,899,094	9.10	17.21
Internal International Equity Portfolio	183,147,810	0.88	17.17
Northern Trust	1,221,325,335	5.86	17.89
Fisher Investments	491,422,196	2.36	16.77
Manning & Napier	3,753	0.00	N/A
Private Equity Composite	577,169,602	2.77	N/A
Access Venture Partners II	12,252,112	0.06	N/A
Cheyenne Equity Capital Fund, L.P.	266,791,713	1.28	N/A
Hamilton Lane Nowood Fund, L.P.	130,402,358	0.63	N/A
Neuberger Berman Sauger Fund, L.P.	167,723,419	0.81	N/A
Real Estate Composite	890,626,461	4.28	N/A
Clarion Lion	331,478,696	1.59	3.88
UBS Trumbull	277,415,418	1.33	3.46
Cornerstone	7,143,606	0.03	N/A
Heitman	62,334	0.00	N/A
M&G	58,404,612	0.28	N/A
Northwood	137,746,950	0.66	N/A

Asset Allocation & Performance			
	Allocation		Performance (%)
	Market Value (\$)	%	FYTD
SC Capital	30,782,699	0.15	N/A
TA Associates Realty	2,771,806	0.01	N/A
WestRiver	44,820,340	0.22	N/A
Absolute Return Composite	526,354,899	2.53	3.79
PAAMCO - Jackalope Fund	526,354,899	2.53	3.79
Convertible Bonds Composite	525,993,944	2.52	10.03
Allianz Global Investors	525,993,944	2.52	10.03
Total Fixed Income Composite	11,463,753,167	55.03	0.92
C.S. McKee	1,250,901,820	6.00	0.41
JP Morgan	2,128,908,209	10.22	-0.13
PIMCO	2,186,723,788	10.50	0.55
Neuberger Berman Core	22,700	0.00	N/A
Neuberger Berman Credit	938,933,404	4.51	2.35
Seix	967,085,726	4.64	2.82
Grosvenor Silvery Lupine Fund	298,619,912	1.43	5.98
Investec	226,646,815	1.09	10.47
Stone Harbor	206,813,624	0.99	9.23
State Street TIPS	721,555,658	3.46	1.48
Internal Fixed Income Portfolio	2,537,541,512	12.18	-0.53
Cash Equivalents	1,885,267,242	9.05	0.58
Public Purpose Investments	399,605,243	1.92	N/A

Schedule of Investable Assets - Total Fund Composite Ex Public Purpose Investments						
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return	Unit Value
FYTD	19,944,050,925	-431,274,418	919,969,899	20,432,746,406	4.69	104.69

Allocations may not sum up to 100% exactly due to rounding. Performance shown is net of fees and excludes Public Purpose Investments (PPIs). Market value shown for Public Purpose Investments (PPIs) is as of 12/31/2017. Market values for Manning & Napier, Neuberger Berman Core, and Lazard represent residual assets and subsequent transactions from the liquidation process. Investment manager fees are accounted for on a quarterly basis. Wyoming State Treasurer's Office fiscal year ends on June 30th.

Wyoming State Treasurer's Office
Asset Allocation & Performance

As of January 31, 2018

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Total Fund	20,832,351,648	100.00	0.94	0.94	0.94	4.69	8.41	4.45	4.70	5.06	4.89	5.61	10/01/1996
Wyoming State Actual Allocation Index			0.68	0.68	0.68	4.25	7.86	4.21	4.70	4.98	4.56	5.55	
Difference			0.26	0.26	0.26	0.44	0.55	0.24	0.00	0.08	0.33	0.06	
Permanent Funds	15,245,918,064	73.18	1.39	1.39	1.39	6.02	10.39	5.54	6.21	6.13	5.21	6.33	07/01/2002
Non-Permanent Funds	5,586,433,584	26.82	-0.08	-0.08	-0.08	1.29	2.88	1.61	1.67	2.69	3.62	3.92	07/01/2002
Total Equity Composite	4,563,581,090	21.91	5.26	5.26	5.26	16.59	25.94	11.89	11.89	10.43	7.33	7.66	01/01/2006
Total Equity Custom Index			5.64	5.64	5.64	17.48	27.48	11.90	11.02	9.35	5.91	6.52	
Difference			-0.38	-0.38	-0.38	-0.89	-1.54	-0.01	0.87	1.08	1.42	1.14	
US Equity Composite	2,200,779,134	10.56	4.59	4.59	4.59	15.69	22.03	12.97	14.99	13.72	9.95	7.41	06/01/1997
US Equity Custom Index			5.27	5.27	5.27	17.06	25.16	14.11	15.67	14.11	9.66	7.94	
Difference			-0.68	-0.68	-0.68	-1.37	-3.13	-1.14	-0.68	-0.39	0.29	-0.53	
State Street All Cap	1,678,864,624	8.06	4.94	4.94	4.94	16.48	23.65	13.74	N/A	N/A	N/A	12.27	01/01/2015
State Street All Cap Custom Index			4.95	4.95	4.95	16.53	23.78	13.82	15.36	13.97	10.08	12.37	
Difference			-0.01	-0.01	-0.01	-0.05	-0.13	-0.08	N/A	N/A	N/A	-0.10	
Russell 3000 Index			5.27	5.27	5.27	17.06	25.16	14.11	15.53	13.98	9.85	12.67	
Difference			-0.33	-0.33	-0.33	-0.58	-1.51	-0.37	N/A	N/A	N/A	-0.40	
Epoch	299,190,064	1.44	5.60	5.60	5.60	17.96	26.88	13.13	N/A	N/A	N/A	12.32	11/01/2014
Russell 3000 Index			5.27	5.27	5.27	17.06	25.16	14.11	15.53	13.98	9.85	12.81	
Difference			0.33	0.33	0.33	0.90	1.72	-0.98	N/A	N/A	N/A	-0.49	
UW Portfolio Mgmt Program	1,541,722	0.01	5.12	5.12	5.12	16.34	25.41	13.76	14.96	11.35	3.60	3.85	04/01/2006
S&P 500 Index (Cap Wtd)			5.73	5.73	5.73	17.80	26.41	14.66	15.91	14.28	9.78	9.10	
Difference			-0.61	-0.61	-0.61	-1.46	-1.00	-0.90	-0.95	-2.93	-6.18	-5.25	
RBC	221,182,174	1.06	0.75	0.75	0.75	12.74	12.00	11.24	N/A	N/A	N/A	9.50	01/01/2015
Russell 2000 Index			2.61	2.61	2.61	12.05	17.18	12.12	13.33	12.07	9.76	10.59	
Difference			-1.86	-1.86	-1.86	0.69	-5.18	-0.88	N/A	N/A	N/A	-1.09	
Arrowstreet	466,902,862	2.24	6.33	6.33	6.33	18.51	29.76	N/A	N/A	N/A	N/A	11.90	03/01/2015
MSCI ACW Index (USD) (Net)			5.64	5.64	5.64	17.48	27.48	11.90	11.02	9.35	6.13	10.19	
Difference			0.69	0.69	0.69	1.03	2.28	N/A	N/A	N/A	N/A	1.71	

Performance shown is net of fees and excludes Public Purpose Investments (PPIs). Market values shown for Permanent Funds and Non-Permanent Funds are preliminary and are estimated using prior quarter-end allocations. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year.



	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Int'l Equity Composite	1,895,899,094	9.10	5.78	5.78	5.78	17.21	30.44	9.91	7.33	5.81	3.58	6.74	01/01/2004
International Equity Custom Index			5.57	5.57	5.57	17.68	29.68	9.85	7.11	5.60	2.99	6.34	
Difference			0.21	0.21	0.21	-0.47	0.76	0.06	0.22	0.21	0.59	0.40	
Internal International Equity Portfolio	183,147,810	0.88	5.65	5.65	5.65	17.17	29.33	N/A	N/A	N/A	N/A	22.07	02/01/2016
FTSE All Wrld Ex US Index (US Invstr) (USD) (Net)			5.47	5.47	5.47	17.65	29.63	10.20	7.48	5.94	3.86	22.81	
Difference			0.18	0.18	0.18	-0.48	-0.30	N/A	N/A	N/A	N/A	-0.74	
Northern Trust	1,221,325,335	5.86	5.58	5.58	5.58	17.89	29.89	9.88	7.22	5.76	N/A	7.39	08/01/2010
MSCI ACW Ex US Index (USD) (Net)			5.57	5.57	5.57	17.68	29.68	9.85	7.11	5.60	3.44	7.29	
Difference			0.01	0.01	0.01	0.21	0.21	0.03	0.11	0.16	N/A	0.10	
Fisher Investments	491,422,196	2.36	6.33	6.33	6.33	16.77	33.20	10.59	8.44	6.76	4.86	8.07	09/01/2004
MSCI ACW Ex US Index (USD) (Net)			5.57	5.57	5.57	17.68	29.68	9.85	7.11	5.60	2.99	6.51	
Difference			0.76	0.76	0.76	-0.91	3.52	0.74	1.33	1.16	1.87	1.56	
Core Real Estate Composite	608,894,114	2.92	0.00	0.00	0.00	3.69	6.96	9.30	10.06	10.64	3.83	5.66	01/01/2006
NCREIF ODCE Index (AWA) (Net)			0.00	0.00	0.00	3.52	6.66	9.42	10.52	11.04	4.07	5.79	
Difference			0.00	0.00	0.00	0.17	0.30	-0.12	-0.46	-0.40	-0.24	-0.13	
Clarion Lion	331,478,696	1.59	0.00	0.00	0.00	3.88	8.27	10.44	11.11	11.88	3.17	5.17	01/01/2006
NCREIF ODCE Index (AWA) (Net)			0.00	0.00	0.00	3.52	6.66	9.42	10.52	11.04	4.07	5.79	
Difference			0.00	0.00	0.00	0.36	1.61	1.02	0.59	0.84	-0.90	-0.62	
UBS Trumbull	277,415,418	1.33	0.00	0.00	0.00	3.46	5.42	7.77	8.63	9.17	4.23	5.50	07/01/2006
NCREIF ODCE Index (AWA) (Net)			0.00	0.00	0.00	3.52	6.66	9.42	10.52	11.04	4.07	5.39	
Difference			0.00	0.00	0.00	-0.06	-1.24	-1.65	-1.89	-1.87	0.16	0.11	
Absolute Return Composite (Net)	526,354,899	2.53	1.18	1.18	1.18	3.79	5.05	1.79	3.61	3.43	2.74	2.59	12/01/2007
HFRI FOF Comp Index			2.23	2.23	2.23	6.66	8.98	3.29	4.01	2.96	1.60	1.32	
Difference			-1.05	-1.05	-1.05	-2.87	-3.93	-1.50	-0.40	0.47	1.14	1.27	
PAAMCO - Jackalope Fund (Net)	526,354,899	2.53	1.18	1.18	1.18	3.79	5.05	1.86	3.77	3.32	2.64	2.34	12/01/2007
HFRI FOF Comp Index			2.23	2.23	2.23	6.66	8.98	3.29	4.01	2.96	1.60	1.32	
Difference			-1.05	-1.05	-1.05	-2.87	-3.93	-1.43	-0.24	0.36	1.04	1.02	

Performance shown is net of fees and excludes Public Purpose Investments (PPIs). Market values shown for Permanent Funds and Non-Permanent Funds are preliminary and are estimated using prior quarter-end allocations. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year.

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Total Fixed Income Composite	11,989,747,112	57.55	-0.40	-0.40	-0.40	1.30	3.55	1.93	2.17	3.27	4.24	5.43	10/01/1996
Bloomberg US Agg Bond Index			-1.15	-1.15	-1.15	0.07	2.15	1.14	2.01	3.02	3.71	5.21	
Difference			0.75	0.75	0.75	1.23	1.40	0.79	0.16	0.25	0.53	0.22	
Total Fixed Income (Ex. Convertibles) Composite	11,463,753,167	55.03	-0.58	-0.58	-0.58	0.92	3.01	1.69	1.83	3.03	4.00	5.40	10/01/1996
Bloomberg US Agg Bond Index			-1.15	-1.15	-1.15	0.07	2.15	1.14	2.01	3.02	3.71	5.21	
Difference			0.57	0.57	0.57	0.85	0.86	0.55	-0.18	0.01	0.29	0.19	
US Fixed Income (Ex. Convertibles) Composite	10,731,672,817	51.51	-0.75	-0.75	-0.75	0.53	2.31	1.49	1.94	3.03	N/A	3.37	12/01/2009
Bloomberg US Agg Bond Index			-1.15	-1.15	-1.15	0.07	2.15	1.14	2.01	3.02	3.71	3.19	
Difference			0.40	0.40	0.40	0.46	0.16	0.35	-0.07	0.01	N/A	0.18	
Externally Mgd Fixed Income Composite	9,452,205,600	45.37	-0.32	-0.32	-0.32	1.80	4.16	2.13	2.31	3.43	4.40	5.20	10/01/1996
Bloomberg US Agg Bond Index			-1.15	-1.15	-1.15	0.07	2.15	1.14	2.01	3.02	3.71	5.21	
Difference			0.83	0.83	0.83	1.73	2.01	0.99	0.30	0.41	0.69	-0.01	
Allianz Global Investors	525,993,944	2.52	3.62	3.62	3.62	10.03	16.36	7.63	9.61	8.53	8.69	6.05	09/01/2000
BofA ML All Cnvrts Index (All Qual)			3.10	3.10	3.10	8.65	14.18	8.08	10.52	9.01	7.85	5.58	
Difference			0.52	0.52	0.52	1.38	2.18	-0.45	-0.91	-0.48	0.84	0.47	
Core Fixed Income Composite	5,566,556,517	26.72	-1.11	-1.11	-1.11	0.26	2.20	1.22	1.95	N/A	N/A	1.80	01/01/2013
Bloomberg US Agg Bond Index			-1.15	-1.15	-1.15	0.07	2.15	1.14	2.01	3.02	3.71	1.83	
Difference			0.04	0.04	0.04	0.19	0.05	0.08	-0.06	N/A	N/A	-0.03	
C.S. McKee	1,250,901,820	6.00	-1.00	-1.00	-1.00	0.41	2.37	1.40	2.02	N/A	N/A	1.84	01/01/2013
Bloomberg US Agg Bond Index			-1.15	-1.15	-1.15	0.07	2.15	1.14	2.01	3.02	3.71	1.83	
Difference			0.15	0.15	0.15	0.34	0.22	0.26	0.01	N/A	N/A	0.01	
JP Morgan	2,128,908,209	10.22	-1.14	-1.14	-1.14	-0.13	1.98	1.16	2.11	N/A	N/A	1.93	01/01/2013
Bloomberg US Agg Bond Index			-1.15	-1.15	-1.15	0.07	2.15	1.14	2.01	3.02	3.71	1.83	
Difference			0.01	0.01	0.01	-0.20	-0.17	0.02	0.10	N/A	N/A	0.10	
PIMCO	2,186,723,788	10.50	-1.15	-1.15	-1.15	0.55	2.69	1.41	1.96	N/A	N/A	1.82	01/01/2013
Bloomberg US Agg Bond Index			-1.15	-1.15	-1.15	0.07	2.15	1.14	2.01	3.02	3.71	1.83	
Difference			0.00	0.00	0.00	0.48	0.54	0.27	-0.05	N/A	N/A	-0.01	

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Wyoming State Treasurer's Office
Asset Allocation & Performance

As of January 31, 2018

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Credit Fixed Income Composite	1,906,019,130	9.15	0.41	0.41	0.41	2.59	4.69	4.31	N/A	N/A	N/A	3.64	04/01/2013
Credit Custom Index			0.52	0.52	0.52	2.80	5.04	4.55	4.20	4.88	5.92	4.12	
Difference			-0.11	-0.11	-0.11	-0.21	-0.35	-0.24	N/A	N/A	N/A	-0.48	
Neuberger Berman	938,933,404	4.51	0.49	0.49	0.49	2.35	3.99	3.74	N/A	N/A	N/A	3.71	04/01/2013
Credit Custom Index			0.52	0.52	0.52	2.80	5.04	4.55	4.20	4.88	5.92	4.12	
Difference			-0.03	-0.03	-0.03	-0.45	-1.05	-0.81	N/A	N/A	N/A	-0.41	
Seix	967,085,726	4.64	0.34	0.34	0.34	2.82	5.14	4.79	N/A	N/A	N/A	3.86	05/01/2013
Credit Custom Index			0.52	0.52	0.52	2.80	5.04	4.55	4.20	4.88	5.92	3.96	
Difference			-0.18	-0.18	-0.18	0.02	0.10	0.24	N/A	N/A	N/A	-0.10	
Grosvenor Silvery Lupine Fund	298,619,912	1.43	1.13	1.13	1.13	5.98	9.51	8.04	N/A	N/A	N/A	6.77	07/01/2014
CS Western Euro Hi Yld Index			0.37	0.37	0.37	3.58	7.86	6.95	7.00	7.76	9.16	5.79	
Difference			0.76	0.76	0.76	2.40	1.65	1.09	N/A	N/A	N/A	0.98	
Emerging Market Debt Fixed Income Composite	433,460,438	2.08	4.95	4.95	4.95	9.86	18.60	3.35	N/A	N/A	N/A	-1.49	04/01/2013
JPM GBI-EM Gbl Dvf'd Index (USD) (TR) (Unhedged)			4.48	4.48	4.48	9.07	17.72	3.92	-0.83	1.71	3.86	-0.68	
Difference			0.47	0.47	0.47	0.79	0.88	-0.57	N/A	N/A	N/A	-0.81	
Investec	226,646,815	1.09	4.98	4.98	4.98	10.47	19.82	2.98	N/A	N/A	N/A	-0.95	04/01/2013
JPM GBI-EM Gbl Dvf'd Index (USD) (TR) (Unhedged)			4.48	4.48	4.48	9.07	17.72	3.92	-0.83	1.71	3.86	-0.68	
Difference			0.50	0.50	0.50	1.40	2.10	-0.94	N/A	N/A	N/A	-0.27	
Stone Harbor	206,813,624	0.99	4.91	4.91	4.91	9.23	17.34	3.74	N/A	N/A	N/A	-2.10	04/01/2013
JPM GBI-EM Gbl Dvf'd Index (USD) (TR) (Unhedged)			4.48	4.48	4.48	9.07	17.72	3.92	-0.83	1.71	3.86	-0.68	
Difference			0.43	0.43	0.43	0.16	-0.38	-0.18	N/A	N/A	N/A	-1.42	
State Street TIPS	721,555,658	3.46	-0.89	-0.89	-0.89	1.48	1.49	0.67	0.14	N/A	N/A	-0.03	01/01/2013
Bloomberg US Trsy US TIPS Index (Series B)			-0.88	-0.88	-0.88	1.42	1.50	0.70	0.15	2.89	3.13	0.00	
Difference			-0.01	-0.01	-0.01	0.06	-0.01	-0.03	-0.01	N/A	N/A	-0.03	
Internal Fixed Income Portfolio	2,537,541,512	12.18	-0.66	-0.66	-0.66	-0.53	0.96	0.96	1.26	2.07	2.44	4.65	10/01/1996
Bloomberg US Gov't Int Term Bond Index			-0.95	-0.95	-0.95	-1.01	-0.03	0.27	0.81	1.58	2.44	4.64	
Difference			0.29	0.29	0.29	0.48	0.99	0.69	0.45	0.49	0.00	0.01	

Performance shown is net of fees and excludes Public Purpose Investments (PPIs). Market values shown for Permanent Funds and Non-Permanent Funds are preliminary and are estimated using prior quarter-end allocations. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year.



	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
JP Morgan Cash Composite	1,885,267,242	9.05	0.15	0.15	0.15	0.58	0.92	0.49	0.36	0.34	0.66	1.46	01/01/2006
JP Morgan Cash Custom Index			0.08	0.08	0.08	0.58	0.87	0.47	0.36	0.38	0.69	1.47	
Difference			0.07	0.07	0.07	0.00	0.05	0.02	0.00	-0.04	-0.03	-0.01	
Wyo-Star Cash Composite	652,641,918	3.13	0.00	0.00	0.00	0.41	0.71	0.44	0.37	0.36	0.76	3.31	10/01/1996
Wyo-Star Cash Custom Index			0.01	0.01	0.01	0.44	0.75	0.44	0.39	0.42	0.75	2.67	
Difference			-0.01	-0.01	-0.01	-0.03	-0.04	0.00	-0.02	-0.06	0.01	0.64	

- Wyoming State Treasurer's Office fiscal year ends on June 30th.
- Since Inception date shown represents the first full month following initial funding.
- The Wyoming State Actual Allocation Index is calculated using beginning month asset class weights applied to the appropriate asset class benchmark return.
- The Total Equity Index consists of the MSCI World Index (USD) (Net) through July 2010 and the MSCI ACW Index (USD) (Net) thereafter.
- The US Equity Index consists of the S&P 500 Index (Cap Wtd) through September 2014 and the Russell 3000 Index thereafter.
- The International Equity Custom Index and Fisher Index both consist of the MSCI EAFE Index (USD) (Gross) through July 2010 and the MSCI ACW Ex US Index (USD) (Net) thereafter.
- The Credit Custom Index consists of 20% Bloomberg US Credit Index, 20% BofA ML US HY Master II Const. Index, and 60% S&P/LSTA Leveraged Loan Index.
- The Internal Fixed Income Portfolio Index consists of the Bloomberg US Gov't Int Term Bond Index; prior to December 2009 the index consisted of the Bloomberg US Gov't Crdt Bond Index.
- The State Street All Cap Custom Index consists of 69% Russell 3000 Index, 24% FTSE RAFI US 1000 Index, and 7% MSCI US Min Vol Index (USD) (Gross).
- Performance shown for the JP Morgan Cash Composite and the Wyo-Star Cash Composite consists of the respective operating and extended cash accounts.
- The JP Morgan Cash Custom Index is calculated monthly using beginning of the month investment weights applied to each corresponding primary benchmark return. Currently, the primary benchmark for JP Morgan Cash is the BofA ML 3 Mo US T-Bill Index and for JP Morgan Extd is the JP Morgan Blended Index.
- The Wyo-Star Cash Custom Index is calculated monthly using beginning of the month investment weights applied to each corresponding primary benchmark return. Currently, the primary benchmark for Wyo-Star Cash is the BofA ML 3 Mo US T-Bill Index and for Wyo-Star Extd is the JP Morgan Blended Index.

Performance shown is net of fees and excludes Public Purpose Investments (PPIs). Market values shown for Permanent Funds and Non-Permanent Funds are preliminary and are estimated using prior quarter-end allocations. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year.

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