ALASKA RETIREMENT MANAGEMENT BOARD FINANCIAL REPORT

As of July 31, 2024

ALASKA RETIREMENT MANAGEMENT BOARD

Schedule of Investment Income and Changes in Invested Assets by Fund Fiscal Year-to-Date through July 31, 2024

	2.10041	rom to but through our,	01, 2021			% Change due to	
	Beginning Invested Assets	Investment Income (1)	Net Contributions (Withdrawals)	Ending Invested Assets	% Change in Invested Assets	Investment Income (2)	
Public Employees' Retirement System (PERS)							
Defined Benefit Plans:							
Retirement Trust \$	11,531,577,424 \$	202,242,187 \$	9,167,289 \$	11,742,986,900	1.83%	1.75%	
Retirement Health Care Trust	9,442,801,171	164,711,917	(47,685,364)	9,559,827,724	1.24%	1.75%	
Total Defined Benefit Plans	20,974,378,595	366,954,104	(38,518,075)	21,302,814,624	1.57%	1.75%	
Defined Contribution Plans:			<u> </u>				
Participant Directed Retirement	2,584,018,635	51,598,071	6,068,187	2,641,684,893	2.23%	1.99%	
Health Reimbursement Arrangement	913,437,981	16,034,432	4,625,355	934,097,768	2.26%	1.75%	
Retiree Medical Plan	281,583,085	4,944,053	1,518,621	288,045,759	2.30%	1.75%	
Defined Benefit Occupational Death and Disability:	- , ,)-)	<i>yy-</i>	,			
Public Employees	59,645,229	1,047,356	324,991	61,017,576	2.30%	1.75%	
Police and Firefighters	24,215,940	425,179	129,633	24,770,752	2.29%	1.75%	
Total Defined Contribution Plans	3,862,900,870	74,049,091	12,666,787	3,949,616,748	2.24%	1.91%	
Total PERS	24,837,279,465	441,003,195	(25,851,288)	25,252,431,372	1.67%	1.78%	
Teachers' Retirement System (TRS)							
Defined Benefit Plans:							
Retirement Trust	6,211,793,362	109,581,831	81,053,201	6,402,428,394	3.07%	1.75%	
Retirement Health Care Trust	3,678,195,510	64,209,747	(13,647,178)	3,728,758,079	1.37%	1.75%	
Total Defined Benefit Plans	9,889,988,872	173,791,578	67,406,023	10,131,186,473	2.44%	1.75%	
Defined Contribution Plans:							
Participant Directed Retirement	1,060,971,403	21,367,102	1,002,997	1,083,341,502	2.11%	2.01%	
Health Reimbursement Arrangement	265,907,968	4,666,952	1,222,191	271,797,111	2.21%	1.75%	
Retiree Medical Plan	87,163,492	1,530,390	435,850	89,129,732	2.26%	1.75%	
Defined Benefit Occupational Death and Disability	8,475,622	148,791	40,485	8,664,898	2.23%	1.75%	
Total Defined Contribution Plans	1,422,518,485	27,713,235	2,701,523	1,452,933,243	2.14%	1.95%	
Total TRS	11,312,507,357	201,504,813	70,107,546	11,584,119,716	2.40%	1.78%	
Judicial Retirement System (JRS)							
Defined Benefit Plan Retirement Trust	253,107,183	4,430,399	(909,135)	256,628,447	1.39%	1.75%	
Defined Benefit Retirement Health Care Trust	46,447,957	812,676	(19,218)	47,241,415	1.71%	1.75%	
Total JRS	299,555,140	5,243,075	(928,353)	303,869,862	1.44%	1.75%	
National Guard/Naval Militia Retirement System (MRS)							
Defined Benefit Plan Retirement Trust	45,063,150	860,877	(104,245)	45,819,782	1.68%	1.91%	
Other Participant Directed Plans							
Supplemental Annuity Plan	5,190,615,427	99,624,323	(22,936,432)	5,267,303,318	1.48%	1.92%	
Deferred Compensation Plan	1,216,163,563	23,787,862	(4,332,705)	1,235,618,720	1.60%	1.96%	
Total All Funds	42,901,184,102	772,024,145	15,954,523	43,689,162,770			
Total Non-Participant Directed	32,849,415,074	575,646,787	36,152,476	33,461,214,337	1.86%	1.75%	
Total Participant Directed	10,051,769,028	196,377,358	(20,197,953)	10,227,948,433	1.75%	1.96%	
Total All Funds \$			15,954,523 \$	43,689,162,770	1.84%	1.80%	
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Notes:

⁽¹⁾ Includes interest, dividends, securities lending, expenses, realized and unrealized gains/losses

⁽²⁾ Income divided by beginning assets plus half of net contributions/(withdrawals). Actual returns are calculated by Callan and Associates and can be found at: http://treasury.dor.alaska.gov/armb/Reports-and-Policies/Investment-Performance.aspx

ALASKA RETIREMENT MANAGEMENT BOARD

Schedule of Investment Income and Changes in Invested Assets by Fund For the Month Ended July 31, 2024

	Beginning Invested Assets	Investment Income	Net Contributions (Withdrawals)	Ending Invested Assets	% Change in Invested Assets	% Change due to Investment Income (2)
Public Employees' Retirement System (PERS)						
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	\$ 11,531,577,424 \$		9,167,289 \$	11,742,986,900	1.83%	1.75%
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<u>Defined Contribution Plans:</u>						
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Defined Contribution Plans:						
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Retiree Medical Plan	87,163,492	1,530,390	435,850	89,129,732	2.26%	1.75%
Defined Benefit Occupational Death and Disability	8,475,622	148,791	40,485	8,664,898	2.23%	1.75%
Total Defined Contribution Plans	1,422,518,485	27,713,235	2,701,523	1,452,933,243	2.14%	1.95%
Total TRS	11,312,507,357	201,504,813	70,107,546	11,584,119,716	2.40%	1.78%
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	277,000,110	3,210,073	(>20,000)	200,000,002	1.1170	1.7576
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Total Non Participant Directed Assets As of July 31, 2024

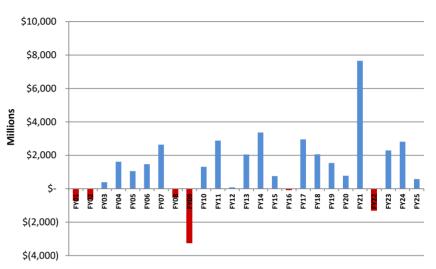
Total Assets History

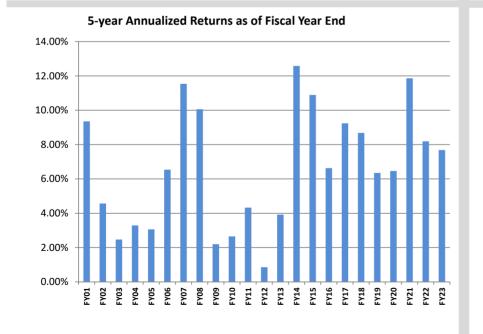


\$15,000

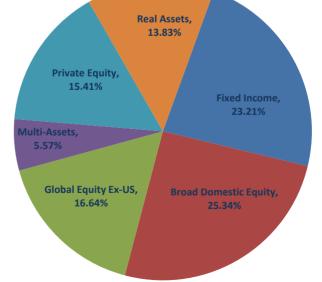
\$10,000

Income by Fiscal Year

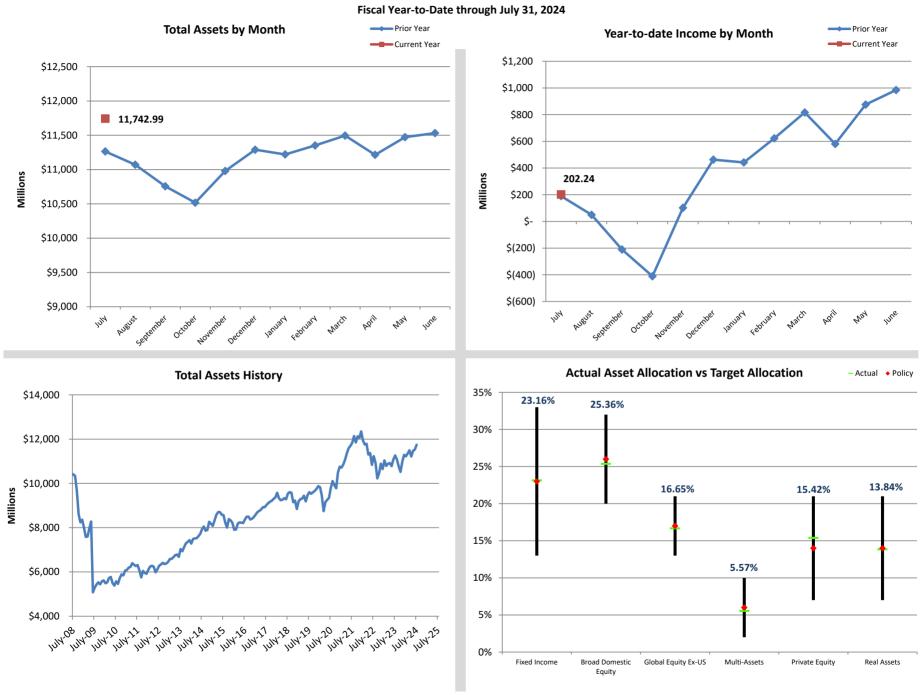




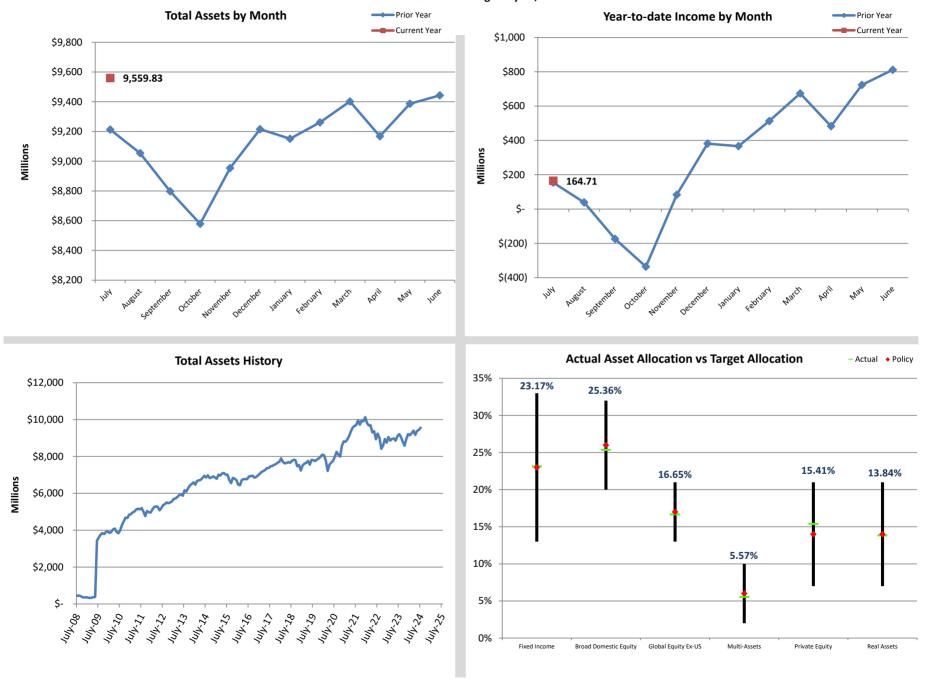
Actual Asset Allocation



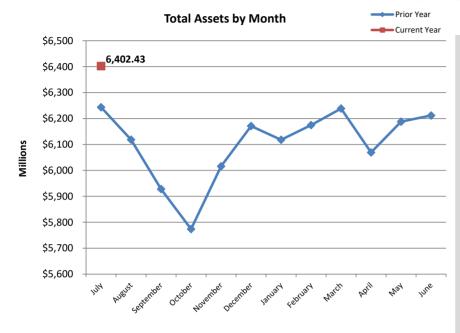
Public Employees' Retirement Pension Trust Fund

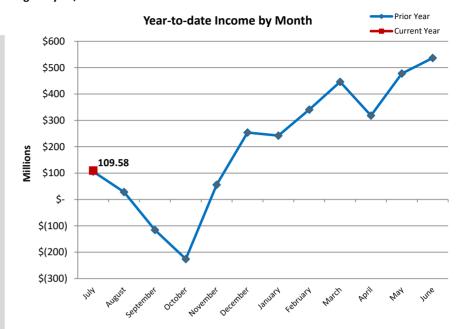


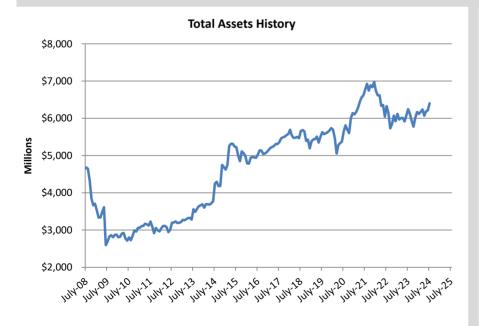
Public Employees' Retirement Health Care Trust Fund

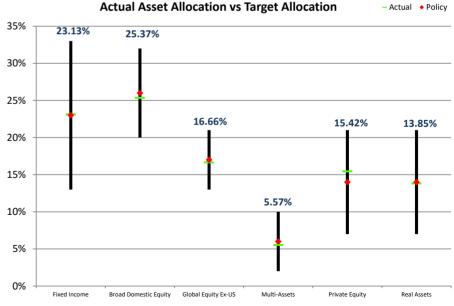


Teachers' Retirement Pension Trust Fund

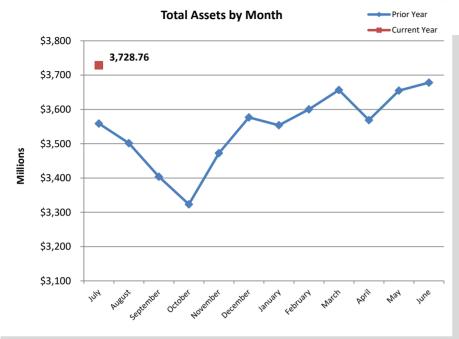




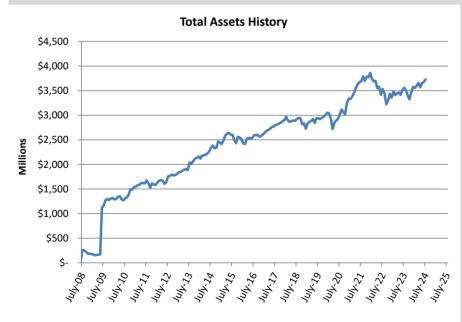


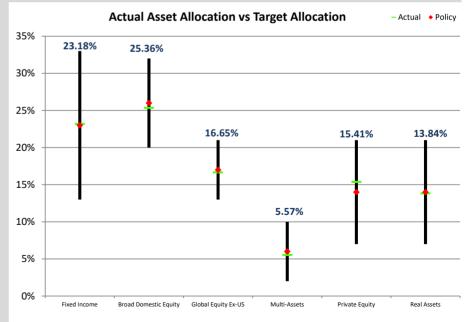


Teachers' Retirement Health Care Trust Fund





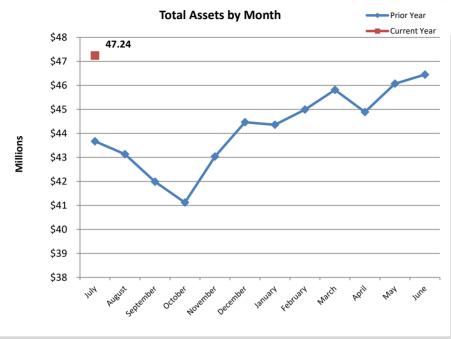




Judicial Retirement Pension Trust Fund

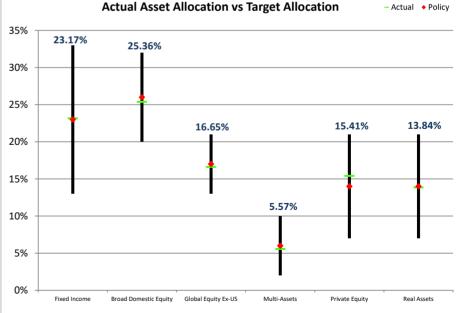


Judicial Retirement Health Care Trust Fund

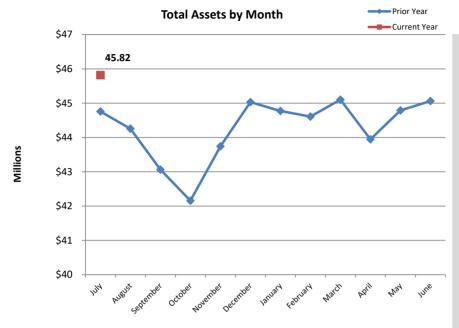


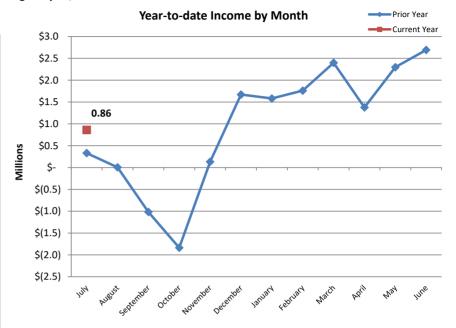


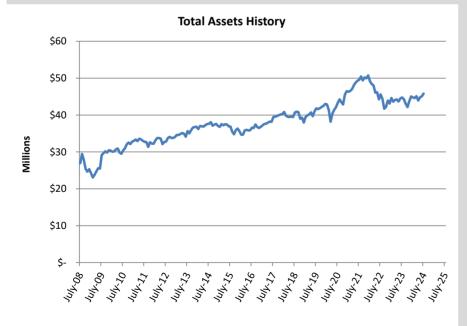


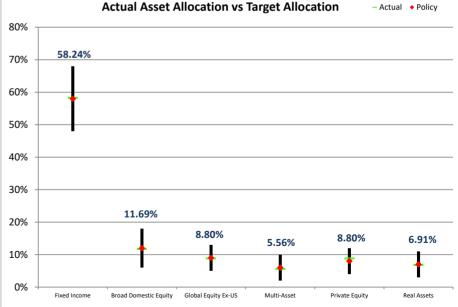


Military Retirement Trust Fund









ALASKA RETIREMENT MANAGEMENT BOARD

Reporting of Funds by Manager

All Non-Participant Directed Plans

		Beginning Invested Assets	sted Investmen		Net Contributions and (Withdrawals)		Ending Invested Assets		% increase (decrease)	% Change due to Investment Income
Fixed Income										
Cash Equivalents Short-Term Fixed Income Pool	\$	378,333,969	\$	2,057,937	\$	1,255,720	\$	381,647,626	0.88%	0.54%
Transition Fixed Income Fixed Income Transition Pool		-		-		-		-	-	-
Opportunistic Fixed Income										
Fidelity Institutional Asset Management		1,310,947,745		33,661,459		140,000,000		1,484,609,204	13.25%	2.44%
Mackay Shields, LLC		1,246,675		· -		-		1,246,675	-	-
Total Opportunistic Fixed Income		1,312,194,420		33,661,459		140,000,000		1,485,855,879	13.23%	2.44%
ARMB Barclays Agg Bond Fund										
ARMB Barclays Agg Bond Fund		5,285,007,244		131,272,822		482,400,000		5,898,680,066	11.61%	2.38%
Total Fixed Income		6,975,535,633		166,992,218		623,655,720		7,766,183,571	11.33%	2.29%
Domestic Equities Small Cap Passively Managed ARMB S&P 600		703,428,584		75,944,822		-		779,373,406	10.80%	10.80%
Small Cap Actively Managed Transition Account		_						_		_
Total Small Cap		703,428,584	-	75,944,822				779,373,406	10.80%	10.80%
•	-									

	Beginning Invested Assets	Investment Income	Net Contributions and (Withdrawals)	Ending Invested Assets	% increase (decrease)	% Change due to Investment Income
Large Cap Passively Managed						
ARMB S&P 900	5,281,207,780	77,377,799	-	5,358,585,579	1.47%	1.47%
Large Cap Actively Managed						
ARMB Domestic Residual Assets	37,526	9,889	-	47,415	26.35%	26.35%
ARMB Large Cap Multi-Factor	1,393,492,859	50,878,143	-	1,444,371,002	3.65%	3.65%
ARMB Scientific Beta	940,337,446	17,207,937	(60,000,000)	897,545,383	-4.55%	1.89%
Transition Account	60	10	-	70	16.67%	16.67%
Total Large Cap Actively Managed	2,333,867,891	68,095,979	(60,000,000)	2,341,963,870	0.35%	2.96%
Total Large Cap	7,615,075,671	145,473,778	(60,000,000)	7,700,549,449	1.12%	1.92%
Total Domestic Equity	8,318,504,255	221,418,600	(60,000,000)	8,479,922,855	1.94%	2.67%
Global Equities						
Large Cap						
Acadian Asset Management	419,313,837	7,794,888	411,885	427,520,610	1.96%	1.86%
Arrow Street Capital	439,959,593	2,423,440	487,920	442,870,953	0.66%	0.55%
Baillie Gifford Overseas Limited	455,230,827	7,686,367	-	462,917,194	1.69%	1.69%
Brandes Investment Partners	419,749,259	24,425,104	-	444,174,363	5.82%	5.82%
Cap Guardian Trust Co	460,271,704	6,803,133	-	467,074,837	1.48%	1.48%
First Eagle	395,301,974	16,618,735	-	411,920,709	4.20%	4.20%
Legal & General	641,555,336	26,474,013	-	668,029,349	4.13%	4.13%
Legal & General DM Index Plus	906,812,661	31,721,211	-	938,533,872	3.50%	3.50%
ARMB Int'l Residual Assets	2,359,378	92,507	-	2,451,885	3.92%	3.92%
SSgA MSCI World Ex-US IMI Index Fund	237,218,015	8,208,925	<u> </u>	245,426,940	3.46%	3.46%
Total Large Cap	4,377,772,584	132,248,323	899,805	4,510,920,712	3.04%	3.02%
Emerging Markets Equity						
MSCI Emerging Markets Index Fund	678,189,332	1,765,647	-	679,954,979	0.26%	0.26%
Legal & General Sci-Beta Emerging Markets	379,725,741	(2,587,534)	<u> </u>	377,138,207	-0.68%	-0.68%
Total Emerging Markets	1,057,915,073	(821,887)		1,057,093,186	-0.08%	-0.08%
Total Global Equities	5,435,687,657	131,426,436	899,805	5,568,013,898	2.43%	2.42%

	Beginning Invested Assets	Investment Income	Net Contributions and (Withdrawals)	Ending Invested Assets	% increase (decrease)	% Change due to Investment Income
Multi-Asset						
Alternative Equity Strategy						
Alternative Equity Strategies Transition Account	-	=	-	=	-	-
McKinley Global Health Care	214,047,776	(19,394)	(213,720,356)	308,026	-99.86%	-0.02%
Total Alternative Equity Strategy	214,047,776	(19,394)	(213,720,356)	308,026	-99.86%	-0.02%
Alternative Fixed Income						
ARES Pathfinder Core	75,839,540	-	24,242,424	100,081,964	31.97%	-
Crestline Investors, Inc.	633,961,493	3,610,890	3,930,348	641,502,731	1.19%	0.57%
Comvest Direct Lending Fund	13,268,977	648,129	-	13,917,106	4.88%	4.88%
Prisma Capital Partners	27,141,186	(1,141,893)	-	25,999,293	-4.21%	-4.21%
Crestline Direct Lending IV	8,973,750	=	(531,395)	8,442,355	-5.92%	-
Crestline Specialty Lending Fund II	29,877,296	=	-	29,877,296	-	-
Crestline Specialty Lending Fund III	61,814,086	2,461,550	-	64,275,636	3.98%	3.98%
Total Alternative Fixed Income	850,876,328	5,578,676	27,641,377	884,096,381	3.90%	0.65%
Alternative Beta						
Man Group Alternative Risk Premia	341,571,705	(3,146,095)	-	338,425,610	-0.92%	-0.92%
Tactical Allocation Strategies						
Fidelity Signals	629,200,417	11,919,058	-	641,119,475	1.89%	1.89%
PineBridge	321,735,693	(335,491)	(321,000,000)	400,202	-99.88%	-0.21%
Total Tactical Allocation Strategies	950,936,110	11,583,567	(321,000,000)	641,519,677	-32.54%	1.47%
Total Multi-Asset	2,357,431,919	13,996,754	(507,078,979)	1,864,349,694	-20.92%	0.67%

	Beginning Invested Assets	Investment Income	Net Contributions and (Withdrawals)	Ending Invested Assets	% increase (decrease)	% Change due to Investment Income
Private Equity						
Abbott Capital	1,984,446,110	(3,801,359)	(8,640,121)	1,972,004,630	-0.63%	-0.19%
Advent International GPE Fund VIII-B	22,830,456	-	(412,500)	22,417,956	-1.81%	-
Advent International GPE Fund IX	38,879,131	-	-	38,879,131	-	-
Advent International GPE Fund X	22,293,143	-	-	22,293,143	-	-
Battery Ventures XIV	6,536,069	-	-	6,536,069	-	-
Clearlake Capital Partners VI	47,737,960	-	-	47,737,960	-	-
Clearlake Capital Partners VII	31,904,324	-	-	31,904,324	-	-
Dyal Capital Partners III	52,046,030	3,107,512	(1,089,338)	54,064,204	3.88%	6.03%
Dyal Capital Partners IV	34,563,629	2,198,225	-	36,761,854	6.36%	6.36%
Genstar X	24,463,180	-	95,019	24,558,199	0.39%	-
Genstar XI	502,944	=	-	502,944	-	=
Glendon Opportunities	8,844,396	(1)	(720,211)	8,124,184	-8.14%	0.00%
Glendon Opportunities II	75,376,406	-	-	75,376,406	-	-
Glendon Opportunities III	18,255,546	-	-	18,255,546	-	-
Insight XII	32,126,549	=	-	32,126,549	-	=
KKR Lending Partners II	6,163,592	-	-	6,163,592	-	-
Lexington Capital Partners VIII	27,019,916	(215,616)	(787,007)	26,017,293	-3.71%	-0.81%
Lexington Partners VII	6,786,843	20,031	(164,817)	6,642,057	-2.13%	0.30%
Merit Capital Partners	3,634,157	-	-	3,634,157	-	-
NB SOF III	11,084,897	-	-	11,084,897	-	-
NB SOF IV	34,970,329	-	-	34,970,329	-	-
Neuberger Berman Secondary Opportunities Fund V	45,142,418	2,578,076	-	47,720,494	5.71%	5.71%
New Mountain Partners IV	5,561,188	-	9,912	5,571,100	0.18%	-
New Mountain Partners V	48,929,350	-	260,722	49,190,072	0.53%	-
New Mountain Partners VI	52,167,912	-	206,029	52,373,941	0.39%	-
NGP XI	25,647,513	-	(4,232,113)	21,415,400	-16.50%	-
NGP XII	22,323,814	-	(564,168)	21,759,646	-2.53%	-
Onex Partnership III	5,001,592	-	-	5,001,592	-	-
Pathway Capital Management LLC	2,063,891,294	336,162	(1,132,116)	2,063,095,340	-0.04%	0.02%
Resolute Fund III	10,019,105	-	-	10,019,105	-	-
Resolute Fund IV	91,748,394	_	83,848	91,832,242	0.09%	-
Resolute Fund V	64,973,891	_	(11,965)	64,961,926	-0.02%	-
Resolute Fund VI	5,806,743	-	4,154,895	9,961,638	71.55%	-
Sentinel VII	8,654,951	-	4,234,901	12,889,852	48.93%	-
Riverside Micro-Cap Fund VI	9,996,346	_	-	9,996,346	-	-
Summit Partners GE IX	51,672,022	_	(2,465,908)	49,206,114	-4.77%	-
Summit Partners GE X	39,730,438	_	-	39,730,438	-	-
Summit XI	15,740,535	_	190,391	15,930,926	1.21%	-
Warburg Pincus Global Growth Fund	47,152,903	_	· <u>-</u>	47,152,903	-	-
Warburg Pincus X	551,533	-	-	551,533	-	-
Warburg Pincus XI	8,453,643	-	(153,000)	8,300,643	-1.81%	-
Warburg Pincus XII	48,919,828	-	(636,350)	48,283,478	-1.30%	-
Total Private Equity	5,162,551,020	4,223,030	(11,773,897)	5,155,000,153	-0.15%	0.08%

Beginning Invested Assets		Investment Income	Net Contributions and (Withdrawals)	Ending Invested Assets	% increase (decrease)	% Change due to Investment Income
Real Assets						
Farmland						
UBS Farmland Investors LLC	1,099,200,592	-	-	1,099,200,592	-	-
Timber						
Timberland Invt Resource LLC	414,337,082	-	(5,500,000)	408,837,082	-1.33%	-
Energy						
EIG Energy Fund XIV-A	3,477,274	(9,905)	-	3,467,369	-0.28%	-0.28%
EIG Energy Fund XV	3,309,592	(159,804)	-	3,149,788	-4.83%	-4.83%
EIG Energy Fund XVI	36,968,929	(402,436)	-	36,566,493	-1.09%	-1.09%
Total Energy	43,755,795	(572,145)	-	43,183,650	-1.31%	-1.31%
REIT						
REIT Transition Account	-	=	-	=	-	=
ARMB REIT	511,123,835	36,582,777	-	547,706,612	7.16%	7.16%
Total REIT	511,123,835	36,582,777	-	547,706,612	7.16%	7.16%
Infrastructure Private						
IFM Global Infrastructure Fund-Private	687,394,264	(975,824)	-	686,418,440	-0.14%	-0.14%
JP Morgan Infrastructure Fund-Private	197,846,768	-	-	197,846,768	-	-
Total Infrastructure Private	885,241,032	(975,824)	-	884,265,208	-0.11%	-0.11%

	Beginning Invested Assets	Investment Income	Net Contributions and (Withdrawals)	Ending Invested Assets	% increase (decrease)	% Change due to Investment Income
Real Estate						
Core Commingled Accounts						
BlackRock US Core Property Fund	321,235,925	(187)	(783,197)	320,452,541	-0.24%	0.00%
JP Morgan	141,676,601	751,127	(1,121,398)	141,306,330	-0.26%	0.53%
UBS Trumbull Property Fund	28,288,656	-	(648,785)	27,639,871	-2.29%	-
Total Core Commingled	491,201,182	750,940	(2,553,380)	489,398,742	-0.37%	0.15%
Core Separate Accounts						
Sentinel Separate Account	256,301,430	-	(962,090)	255,339,340	-0.38%	-
UBS Realty	627,090,211	(1)	(1,246,223)	625,843,987	-0.20%	0.00%
Total Core Separate	883,391,641	(1)	(2,208,313)	881,183,327	-0.25%	0.00%
Non-Core Commingled Accounts						
Almanac Realty Securities V	33,304	-	-	33,304	-	-
Almanac Realty Securities VII	27,323,797	-	-	27,323,797	-	-
Almanac Realty Securities VIII	37,925,539	-	1,459,331	39,384,870	3.85%	-
Almanac Realty Securities IX	9,780,656	-	-	9,780,656	-	-
Clarion Ventures 4	4,316,156	-	-	4,316,156	-	-
Fidelity Inst. Asset Mgmt. High Yield CMBS	151,913,355	1,804,002	(747,811)	152,969,546	0.70%	1.19%
ING Clarion Development Ventures III	563,131	=	=	563,131	-	-
KKR Real Estate Partners Americas L.P.	742,284	-	-	742,284	-	-
KKR Real Estate Partners Americas II	5,472,175	-	-	5,472,175	-	-
KKR Real Estate Partners Americas III	31,598,001	-	-	31,598,001	-	-
Silverpeak Legacy Pension Partners II, L.P.	866,944	-	-	866,944	-	-
Silverpeak Legacy Pension Partners III, L.P.	918,089	=	=	918,089	-	-
Total Non-Core Commingled	271,453,431	1,804,002	711,520	273,968,953	0.93%	0.66%
Total Real Estate	1,646,046,254	2,554,941	(4,050,173)	1,644,551,022	-0.09%	0.16%
Total Real Assets	4,599,704,590	37,589,749	(9,550,173)	4,627,744,166	0.61%	0.82%
Total Assets	\$ 32,849,415,074	\$ 575,646,787	\$ 36,152,476	\$ 33,461,214,337	1.86%	1.75%

ALASKA RETIREMENT MANAGEMENT BOARD

Reporting of Funds by Manager

Participant Directed Plans

Supplemental Annuity Plan Schedule of Investment Income and Changes in Invested Assets for the Month Ended July 31, 2024

				ouly	51,	2024			0/ 63	0/ 67
	Beg	ginning Invested Assets		Investment Income	_	Net Contributions (Withdrawals)	Transfers In (Out)	Ending Invested Assets	% Change in Invested Assets	% Change due to Investment Income (1)
Participant Options										
T. Rowe Price										
Stable Value Fund	\$	434,334,560	\$	882,803	\$	(5,560,856) \$	(2,570,641) \$	427,085,866	-1.67%	0.21%
Small Cap Stock Fund		187,420,623		12,872,895		(1,343,956)	2,118,903	201,068,465	7.28%	6.85%
Alaska Balanced Trust		1,051,274,958		21,575,130		(6,322,077)	101,466	1,066,629,477	1.46%	2.06%
Long Term Balanced Fund		812,403,976		16,524,352		(2,783,036)	(1,119,136)	825,026,156	1.55%	2.04%
AK Target Date 2010 Trust		10,753,646		206,260		(52,433)	(1,482)	10,905,991	1.42%	1.92%
AK Target Date 2015 Trust		65,002,027		1,232,289		(319,615)	(129,738)	65,784,963	1.20%	1.90%
AK Target Date 2020 Trust		79,476,465		1,543,312		(601,639)	(37,782)	80,380,356	1.14%	1.95%
AK Target Date 2025 Trust		120,233,900		2,390,748		(692,948)	60,759	121,992,459	1.46%	1.99%
AK Target Date 2030 Trust		130,657,417		2,613,569		432,187	669,788	134,372,961	2.84%	1.99%
AK Target Date 2035 Trust		132,002,652		2,654,667		376,096	(25,274)	135,008,141	2.28%	2.01%
AK Target Date 2040 Trust		127,573,218		2,549,067		297,780	378,453	130,798,518	2.53%	1.99%
AK Target Date 2045 Trust		153,150,674		3,053,210		961,096	(17,803)	157,147,177	2.61%	1.99%
AK Target Date 2050 Trust		171,749,636		3,350,716		800,387	(139,099)	175,761,640	2.34%	1.95%
AK Target Date 2055 Trust		190,294,138		3,725,896		477,447	(356,349)	194,141,132	2.02%	1.96%
AK Target Date 2060 Trust		29,054,426		572,656		714,925	(92,890)	30,249,117	4.11%	1.95%
AK Target Date 2065 Trust		17,815,600		349,868		704,662	(56,197)	18,813,933	5.60%	1.93%
Total Investments with T. Rowe Price		3,713,197,916		76,097,438		(12,911,980)	(1,217,022)	3,775,166,352		
State Street Global Advisors										
Money Market		77,677,511		345,406		(597,885)	499,020	77,924,052	0.32%	0.44%
S&P 500 Stock Index		660,469,854		7,986,248		(3,077,184)	1,185,550	666,564,468	0.92%	1.21%
Russell 3000 Index		191,101,447		3,531,441		(1,179,652)	1,052,182	194,505,418	1.78%	1.85%
World Equity Ex-US Index		119,637,277		2,736,640		(1,270,716)	190,500	121,293,701	1.38%	2.30%
Total Investments with SSgA		1,048,886,089	_	14,599,735	-	(6,125,437)	2,927,252	1,060,287,639		
BlackRock										
Passive U.S. Bond Index Fund		163,844,973		3,809,837		(1,234,577)	(131,947)	166,288,286	1.49%	2.34%
Strategic Completion Fund		59,066,281		1,479,305		(926,039)	(39,419)	59,580,128	0.87%	2.53%
Total Investments with BlackRock		222,911,254		5,289,142	-	(2,160,616)	(171,366)	225,868,414		
Brandes and Baillie Gifford										
AK International Equity Fund		95,522,215		3,248,266		(1,036,121)	(672,183)	97,062,177	1.61%	3.43%
Northern Trust										
Environmental, Social, and Governance Fund		110,097,953		389,742		(702,278)	(866,681)	108,918,736	-1.07%	0.36%
Total All Funds	\$	5,190,615,427	\$	99,624,323	\$	(22,936,432) \$	<u> </u>	5,267,303,318	1.48%	1.92%

Notes: Source data provided by the record keeper, Empower Retirement.

⁽¹⁾ Income divided by beginning assets plus half of net contributions/(withdrawals). Actual returns are calculated by Callan and Associates.

Supplemental Annuity Plan Schedule of Invested Assets with

Schedule of Investment Income and Changes in Invested Assets

By Month Through the Month Ended

July 31, 2024 \$ (Thousands)

Invested Assets (at fair value)	-	July
Investments with T. Rowe Price		
Stable Value Fund	\$	427,086
Small Cap Stock Fund		201,068
Alaska Balanced Trust		1,066,629
Long Term Balanced Fund		825,026
AK Target Date 2010 Trust		10,906
AK Target Date 2015 Trust		65,785
AK Target Date 2020 Trust		80,380
AK Target Date 2025 Trust		121,992
AK Target Date 2030 Trust		134,373
AK Target Date 2035 Trust		135,008
AK Target Date 2040 Trust		130,799
AK Target Date 2045 Trust		157,147
AK Target Date 2050 Trust		175,762
AK Target Date 2055 Trust		194,141
AK Target Date 2060 Trust		30,249
AK Target Date 2065 Trust		18,814
Investments with State Street Global Advisors		
Money Market		77,924
S&P 500 Stock Index		666,564
Russell 3000 Index		194,505
World Equity Ex-US Index		121,294
Investments with BlackRock		
Passive U.S. Bond Index Fund		166,288
Strategic Completion Fund		59,580
Investments with Brandes and Baillie Gifford		
AK International Equity Fund		97,062
Investments with Northern Trust		
Environmental, Social, and Governance Fund	_	108,919
Total Invested Assets	\$ _	5,267,303
Change in Invested Assets		
Beginning Assets	\$	5,190,615
Investment Earnings		99,624
Net Contributions (Withdrawals)		(22,936)
Ending Invested Assets	\$ _	5,267,303
Note: Source data provided by the record keeper Empower Retirement		

Note: Source data provided by the record keeper, Empower Retirement.

Deferred Compensation Plan

Schedule of Invested Assets and Changes in Invested Assets for the Month Ended July 31, 2024

			Jui	y 31, 2024				
	В	eginning Invested Assets	Investment Income	Net Contributions (Withdrawals)	Transfers In (Out)	Ending Invested Assets	% Change in Invested Assets	% Change due to Investment Income (1)
Participant Options								
T. Rowe Price								
Stable Value Fund	\$	166,188,238 \$,		. , ,	164,215,498	-1.19%	0.21%
Small Cap Stock Fund		108,346,227	7,396,625	(637,470)	209,710	115,315,092	6.43%	6.84%
Alaska Balanced Trust		44,653,061	912,786	(336,229)	(257,138)	44,972,480	0.72%	2.06%
Long Term Balanced Fund		97,647,839	1,989,671	(253,021)	(23,913)	99,360,576	1.75%	2.04%
AK Target Date 2010 Trust		2,728,564	52,393	(21,166)	(1,909)	2,757,882	1.07%	1.93%
AK Target Date 2015 Trust		7,666,495	145,873	(3,174)	484	7,809,678	1.87%	1.90%
AK Target Date 2020 Trust		22,417,818	434,524	(49,321)	(381)	22,802,640	1.72%	1.94%
AK Target Date 2025 Trust		29,262,192	582,485	(10,832)	12,029	29,845,874	1.99%	1.99%
AK Target Date 2030 Trust		26,187,243	524,042	127,216	(128,625)	26,709,876	2.00%	2.00%
AK Target Date 2035 Trust		20,562,761	415,777	151,662	152,471	21,282,671	3.50%	2.01%
AK Target Date 2040 Trust		20,717,627	415,174	154,385	(147,242)	21,139,944	2.04%	2.00%
AK Target Date 2045 Trust		15,572,076	309,348	136,108	(79,305)	15,938,227	2.35%	1.98%
AK Target Date 2050 Trust		14,011,571	272,056	105,392	(29,308)	14,359,711	2.48%	1.94%
AK Target Date 2055 Trust		10,139,857	198,774	114,900	(5,769)	10,447,762	3.04%	1.95%
AK Target Date 2060 Trust		2,787,034	54,721	47,267	(4,043)	2,884,979	3.51%	1.95%
AK Target Date 2065 Trust		1,303,063	25,370	14,848	382	1,343,663	3.12%	1.94%
Total Investments with T. Rowe Price		590,191,666	14,068,752	(1,875,999)	(1,197,866)	601,186,553		
State Street Global Advisors								
Money Market		25,606,744	112,982	(194,831)	(62,200)	25,462,695	-0.56%	0.44%
S&P 500 Stock Index		325,013,191	3,927,107	(1,460,240)	1,008,338	328,488,396	1.07%	1.21%
Russell 3000 Index		67,595,073	1,240,393	(131,481)	510,054	69,214,039	2.40%	1.83%
World Equity Ex-US Index		35,517,637	812,112	(33,537)	20,536	36,316,748	2.25%	2.29%
Total Investments with SSgA	_	453,732,645	6,092,594	(1,820,089)	1,476,728	459,481,878		
BlackRock								
Passive U.S. Bond Index Fund		69,810,958	1,625,121	(480,385)	159,721	71,115,415	1.87%	2.33%
Strategic Completion Fund		19,226,197	483,740	(42,499)	(45,744)	19,621,694	2.06%	2.52%
Total Investments with BlackRock	_	89,037,155	2,108,861	(522,884)	113,977	90,737,109		
Brandes and Baillie Gifford								
AK International Equity Fund		39,962,554	1,363,516	(84,865)	(415,649)	40,825,556	2.16%	3.43%
Northern Trust								
Environmental, Social, and Governance Fund		43,239,543	154,138	(28,867)	22,810	43,387,624	0.34%	0.36%
Total All Funds	\$	1,216,163,563 \$	23,787,861	\$ (4,332,704)	S \$	1,235,618,720	1.60%	1.96%

Notes: Source data provided by the record keeper, Empower Retirement.

⁽¹⁾ Income divided by beginning assets plus half of net contributions/(withdrawals). Actual returns are calculated by Callan and Associates.

Deferred Compensation Plan Schedule of Invested Assets with

Schedule of Investment Income and Changes in Invested Assets

By Month Through the Month Ended

July 31, 2024 \$ (Thousands)

Invested Assets (at fair value)		July
Investments with T. Rowe Price		
Stable Value Fund	\$	164,215
Small Cap Stock Fund		115,315
Alaska Balanced Trust		44,972
Long Term Balanced Fund		99,361
AK Target Date 2010 Trust		2,758
AK Target Date 2015 Trust		7,810
AK Target Date 2020 Trust		22,803
AK Target Date 2025 Trust		29,846
AK Target Date 2030 Trust		26,710
AK Target Date 2035 Trust		21,283
AK Target Date 2040 Trust		21,140
AK Target Date 2045 Trust		15,938
AK Target Date 2050 Trust		14,360
AK Target Date 2055 Trust		10,448
AK Target Date 2060 Trust		2,885
AK Target Date 2065 Trust		1,344
Investments with State Street Global Advisors		
Money Market		25,463
S&P 500 Stock Index		328,488
Russell 3000 Index		69,214
World Equity Ex-US Index		36,317
Investments with BlackRock		
Passive U.S. Bond Index Fund		71,115
Strategic Completion Fund		19,622
Investments with Brandes and Baillie Gifford		
AK International Equity Fund		40,826
Investments with Northern Trust		
Environmental, Social, and Governance Fund		43,388
Total Invested Assets	\$ _	1,235,619
Change in Invested Assets		
Beginning Assets	\$	1,216,164
Investment Earnings		23,788
Net Contributions (Withdrawals)	_	(4,333)
Ending Invested Assets	\$ _	1,235,619
Note: Source data provided by the record keeper, Empower Retir	ement.	

Note: Source data provided by the record keeper, Empower Retirement.

Defined Contribution Retirement - Participant Directed PERS Schedule of Investment Income and Changes in Invested Assets for the Month Ended July 31, 2024

	Beginning Invested Assets	Investment Income	Net Contributions (Withdrawals)	Transfers In (Out)	Ending Invested Assets	% Change in Invested Assets	% Change due to Investment Income (1)
Participant Options				(2.1)			()
T. Rowe Price							
Stable Value Fund	\$ 142,300,319	\$ 290,517	\$ (607,709) \$	(80,256) \$	141,902,871	-0.28%	0.20%
Small Cap Stock Fund	75,487,380	5,196,541	(135,223)	437,552	80,986,250	7.28%	6.87%
Alaska Balanced Trust	53,281,638	1,097,031	(107,574)	15,820	54,286,915	1.89%	2.06%
Long Term Balanced Fund	60,258,276	1,225,034	(117,915)	269,902	61,635,297	2.29%	2.03%
AK Target Date 2010 Trust	2,963,497	56,659	(21,543)	(1,265)	2,997,348	1.14%	1.92%
AK Target Date 2015 Trust	10,788,489	204,630	(16,637)	(58,872)	10,917,610	1.20%	1.90%
AK Target Date 2020 Trust	38,838,975	749,563	(521,822)	146	39,066,862	0.59%	1.94%
AK Target Date 2025 Trust	94,374,787	1,873,735	(177,297)	(6,352)	96,064,873	1.79%	1.99%
AK Target Date 2030 Trust	123,712,265	2,475,184	271,835	(273,889)	126,185,395	2.00%	2.00%
AK Target Date 2035 Trust	165,793,096	3,331,176	738,006	(87,259)	169,775,019	2.40%	2.01%
AK Target Date 2040 Trust	192,631,969	3,830,315	534,895	(142,600)	196,854,579	2.19%	1.99%
AK Target Date 2045 Trust	260,719,233	5,191,369	1,155,597	128,390	267,194,589	2.48%	1.99%
AK Target Date 2050 Trust	312,912,440	6,094,125	1,313,143	(36,085)	320,283,623	2.36%	1.94%
AK Target Date 2055 Trust	358,793,342	7,034,288	1,629,059	(989,929)	366,466,760	2.14%	1.96%
AK Target Date 2060 Trust	48,056,667	944,557	1,221,136	7,333	50,229,693	4.52%	1.94%
AK Target Date 2065 Trust	32,262,064	634,195	997,818	(107,103)	33,786,974	4.73%	1.94%
Total Investments with T. Rowe Price	1,973,174,437	40,228,919	6,155,769	(924,467)	2,018,634,658		
State Street Global Advisors							
Money Market	22,386,975	99,016	(17,293)	(209,403)	22,259,295	-0.57%	0.44%
S&P 500 Stock Index	180,481,698	2,182,848	397,664	1,486,129	184,548,339	2.25%	1.20%
Russell 3000 Index	95,998,647	1,772,616	133,796	291,919	98,196,978	2.29%	1.84%
World Equity Ex-US Index	78,058,741	1,793,227	(61,220)	(158,776)	79,631,972	2.02%	2.30%
Total Investments with SSgA	376,926,061	5,847,707	452,947	1,409,869	384,636,584		
BlackRock							
Passive U.S. Bond Index Fund	119,665,649	2,787,308	(400,685)	(208,504)	121,843,768	1.82%	2.34%
Strategic Completion Fund	35,845,359	900,725	(125,921)	(87,843)	36,532,320	1.92%	2.52%
Total Investments with BlackRock	155,511,008	3,688,033	(526,606)	(296,347)	158,376,088		
Brandes and Baillie Gifford							
AK International Equity Fund	51,099,928	1,743,526	(58,464)	(258,663)	52,526,327	2.79%	3.42%
Northern Trust							
Environmental, Social, and Governance Fund	27,307,201	89,885	44,541	69,608	27,511,235	0.75%	0.33%
Total All Funds	\$ 2,584,018,635	\$ 51,598,070	\$ 6,068,187 \$	s <u> </u>	2,641,684,892	2.23%	1.99%

Notes: Source data provided by the record keeper, Empower Retirement.
(1) Income divided by beginning assets plus half of net contributions/(withdrawals). Actual returns are calculated by Callan and Associates.

Defined Contribution Retirement - Participant Directed PERS Schedule of Invested Assets with

Schedule of Investment Income and Changes in Invested Assets By Month Through the Month Ended

July 31, 2024 \$ (Thousands)

Invested Assets (at fair value)	_	July
Investments with T. Rowe Price		
Stable Value Fund	\$	141,903
Small Cap Stock Fund		80,986
Alaska Balanced Trust		54,287
Long Term Balanced Fund		61,635
AK Target Date 2010 Trust		2,997
AK Target Date 2015 Trust		10,918
AK Target Date 2020 Trust		39,067
AK Target Date 2025 Trust		96,065
AK Target Date 2030 Trust		126,185
AK Target Date 2035 Trust		169,775
AK Target Date 2040 Trust		196,855
AK Target Date 2045 Trust		267,195
AK Target Date 2050 Trust		320,284
AK Target Date 2055 Trust		366,467
AK Target Date 2060 Trust		50,230
AK Target Date 2065 Trust		33,787
State Street Global Advisors		
Money Market		22,259
S&P 500 Stock Index		184,548
Russell 3000 Index		98,197
World Equity Ex-US Index		79,632
Investments with BlackRock		
Passive U.S. Bond Index Fund		121,844
Strategic Completion Fund		36,532
Investments with Brandes and Baillie Gifford		
AK International Equity Fund		52,526
Investments with Northern Trust		
Environmental, Social, and Governance Fund	_	27,511
Total Invested Assets	\$ _	2,641,685
Change in Invested Assets		
Beginning Assets		2,584,019
Investment Earnings		51,598
Net Contributions (Withdrawals)	_	6,068
Ending Invested Assets	\$ _	2,641,685
Note: Source data provided by the record keeper, Empower Retir	ement.	

Note: Source data provided by the record keeper, Empower Retirement.

Defined Contribution Retirement - Participant Directed TRS Schedule of Investment Income and Changes in Invested Assets for the Month Ended July 31, 2024

July 51, 2024										
	I	Beginning Invested Assets	<u>I</u>	nvestment Income	_	Net Contributions (Withdrawals)	Transfers In (Out)	Ending Invested Assets	% Change in Invested Assets	% Change due to Investment Income (1)
Participant Options										
T. Rowe Price										
Stable Value Fund	\$	51,050,445	\$	103,827	\$	(222,248) \$		50,643,885	-0.80%	0.20%
Small Cap Stock Fund		28,646,585		1,955,221		(137,341)	(186,384)	30,278,081	5.70%	6.86%
Alaska Balanced Trust		23,881,942		489,687		(158,915)	(60,218)	24,152,496	1.13%	2.06%
Long Term Balanced Fund		27,830,572		566,841		(123,578)	(157,633)	28,116,202	1.03%	2.05%
AK Target Date 2010 Trust		1,095,519		21,105		(4,883)	1	1,111,742	1.48%	1.93%
AK Target Date 2015 Trust		3,864,133		73,690		13,898	-	3,951,721	2.27%	1.90%
AK Target Date 2020 Trust		11,911,626		231,189		84,565	1	12,227,381	2.65%	1.93%
AK Target Date 2025 Trust		30,383,285		605,710		(253,115)	(427,685)	30,308,195	-0.25%	2.02%
AK Target Date 2030 Trust		49,993,174		998,904		330,941	132,745	51,455,764	2.93%	1.99%
AK Target Date 2035 Trust		69,234,296		1,391,780		362,755	(182,815)	70,806,016	2.27%	2.01%
AK Target Date 2040 Trust		90,411,129		1,797,756		117,702	538,361	92,864,948	2.71%	1.98%
AK Target Date 2045 Trust		129,722,034		2,579,622		355,398	(261,173)	132,395,881	2.06%	1.99%
AK Target Date 2050 Trust		174,966,467		3,409,168		463,113	28,136	178,866,884	2.23%	1.95%
AK Target Date 2055 Trust		126,682,172		2,480,493		716,653	(180,378)	129,698,940	2.38%	1.95%
AK Target Date 2060 Trust		16,404,007		321,275		266,533	1,581	16,993,396	3.59%	1.94%
AK Target Date 2065 Trust		5,461,528		106,133		170,671	37,847	5,776,179	5.76%	1.91%
Total Investments with T. Rowe Price	_	841,538,914	_	17,132,401	_	1,982,149	(1,005,753)	859,647,711		
State Street Global Advisors										
Money Market		6,775,620		30,742		(177,288)	558,697	7,187,771	6.08%	0.44%
S&P 500 Stock Index		57,735,036		702,151		(189,672)	225,740	58,473,255	1.28%	1.22%
Russell 3000 Index		35,550,941		662,798		(85,507)	214,037	36,342,269	2.23%	1.86%
World Equity Ex-US Index	_	34,254,013	_	785,052		(161,995)	(153,938)	34,723,132	1.37%	2.30%
Total Investments with SSgA	_	134,315,610	_	2,180,743	_	(614,462)	844,536	136,726,427		
BlackRock										
Passive U.S. Bond Index Fund		40,714,952		949,093		(169,711)	43,943	41,538,277	2.02%	2.33%
Strategic Completion Fund	_	15,065,822		378,495	_	(62,114)	(3,397)	15,378,806	2.08%	2.52%
Total Investments with BlackRock	_	55,780,774	_	1,327,588	_	(231,825)	40,546	56,917,083		
Brandes and Baillie Gifford AK International Equity Fund		20,398,212		695,183		(95,719.00)	(86,359)	20,911,317	2.52%	3.42%
Northern Trust Environmental, Social, and Governance Fund		8,937,893		31,187		(37,146.00)	207,030	9,138,964	2.25%	0.35%
Total All Funds	<u> </u>	1,060,971,403	\$ —	21,367,102	\$	1,002,997 \$		1,083,341,502	2.11%	2.01%
	_				_					

Notes: Source data provided by the record keeper, Empower Retirement.

⁽¹⁾ Income divided by beginning assets plus half of net contributions/(withdrawals). Actual returns are calculated by Callan and Associates.

Defined Contribution Retirement - Participant Directed TRS Schedule of Invested Assets with

Schedule of Investment Income and Changes in Invested Assets By Month Through the Month Ended

July 31, 2024 \$ (Thousands)

Invested Assets (at fair value)	_	July
Investments with T. Rowe Price		
Stable Value Fund	\$	50,644
Small Cap Stock Fund		30,278
Alaska Balanced Trust		24,152
Long Term Balanced Fund		28,116
AK Target Date 2010 Trust		1,112
AK Target Date 2015 Trust		3,952
AK Target Date 2020 Trust		12,227
AK Target Date 2025 Trust		30,308
AK Target Date 2030 Trust		51,456
AK Target Date 2035 Trust		70,806
AK Target Date 2040 Trust		92,865
AK Target Date 2045 Trust		132,396
AK Target Date 2050 Trust		178,867
AK Target Date 2055 Trust		129,699
AK Target Date 2060 Trust		16,993
AK Target Date 2065 Trust		5,776
Investments with State Street Global Advisors		
Money Market		7,188
S&P 500 Stock Index		58,473
Russell 3000 Index		36,342
World Equity Ex-US Index		34,723
Investments with BlackRock		
Passive U.S. Bond Index Fund		41,538
Strategic Completion Fund		15,379
Strategie Completion I und		13,377
Investments with Brandes and Baillie Gifford		
AK International Equity Fund		20,911
Investments with Northern Trust		
Environmental, Social, and Governance Fund		9,139
Total Invested Assets	\$	1,083,341
Change in Invested Assets		
Change in Invested Assets Beginning Assets		1,060,971
Investment Earnings		21,367
Net Contributions (Withdrawals)		1,003
Ending Invested Assets	\$	1,083,342
Note: Source data provided by the record keeper. Empower Retire	· -	, ,,-

Note: Source data provided by the record keeper, Empower Retirement.