# ALASKA RETIREMENT MANAGEMENT BOARD 

FINANCIAL REPORT
As of July 31, 2013

## ALASKA RETIREMENT MANAGEMENT BOARD

## Schedule of Investment Income and Changes in Invested Assets by Fund

For the One Month Ending July 31, 2013

|  | Beginning InvestedAssets |  | Investment Income <br> (1) |  | Net Contributions (Withdrawals) |  | Ending Invested Assets |  | \% Change in Invested Assets | to Investment <br> Income ${ }^{(2)}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Public Employees' Retirement System (PERS) |  |  |  |  |  |  |  |  |  |  |
| Defined Benefit Plans: |  |  |  |  |  |  |  |  |  |  |
| Retirement Trust | \$ | 6,682,601,125 | \$ | 200,370,185 | \$ | 150,206,210 | \$ | 7,033,177,520 | 5.25\% | 2.97\% |
| Retirement Health Care Trust |  | 5,869,023,791 |  | 172,209,521 |  | 124,605,281 |  | 6,165,838,593 | 5.06\% | 2.90\% |
| Total Defined Benefit Plans |  | 12,551,624,916 |  | 372,579,706 |  | 274,811,491 |  | 13,199,016,113 | 5.16\% | 2.94\% |
| Defined Contribution Plans: |  |  |  |  |  |  |  |  |  |  |
| Participant Directed Retirement |  | 344,683,147 |  | 14,896,067 |  | 5,696,067 |  | 365,275,281 | 5.97\% | 4.29\% |
| Health Reimbursement Arrangement |  | 107,570,946 |  | 3,156,449 |  | 2,357,049 |  | 113,084,444 | 5.13\% | 2.90\% |
| Retiree Medical Plan |  | 20,530,927 |  | 602,448 |  | 350,384 |  | 21,483,759 | 4.64\% | 2.91\% |
| Defined Benefit Occupational Death and Disability: |  |  |  |  |  |  |  |  |  |  |
| Public Employees |  | 8,033,120 |  | 235,324 |  | 77,216 |  | 8,345,660 | 3.89\% | 2.92\% |
| Police and Firefighters |  | 3,497,071 |  | 102,664 |  | 73,652 |  | 3,673,387 | 5.04\% | 2.91\% |
| Total Defined Contribution Plans |  | 484,315,211 |  | 18,992,952 |  | 8,554,368 |  | 511,862,531 | 5.69\% | 3.89\% |
| Total PERS |  | 13,035,940,127 |  | 391,572,658 |  | 283,365,859 |  | 13,710,878,644 | 5.18\% | 2.97\% |
| Teachers' Retirement System (TRS) |  |  |  |  |  |  |  |  |  |  |
| Defined Benefit Plans: |  |  |  |  |  |  |  |  |  |  |
| Retirement Trust |  | 3,279,505,294 |  | 98,291,195 |  | 178,919,839 |  | 3,556,716,328 | 8.45\% | 2.92\% |
| Retirement Health Care Trust |  | 1,883,677,379 |  | 55,207,265 |  | 100,507,351 |  | 2,039,391,995 | 8.27\% | 2.85\% |
| Total Defined Benefit Plans |  | 5,163,182,673 |  | 153,498,460 |  | 279,427,190 |  | 5,596,108,323 | 8.38\% | 2.89\% |
| Defined Contribution Plans: |  |  |  |  |  |  |  |  |  |  |
| Participant Directed Retirement |  | 153,359,455 |  | 6,614,362 |  | 512,621 |  | 160,486,438 | 4.65\% | 4.31\% |
| Health Reimbursement Arrangement |  | 34,477,528 |  | 1,001,221 |  | 335,003 |  | 35,813,752 | 3.88\% | 2.89\% |
| Retiree Medical Plan |  | 8,710,401 |  | 253,946 |  | 68,418 |  | 9,032,765 | 3.70\% | 2.90\% |
| Defined Benefit Occupational Death and Disability |  | 2,595,310 |  | 76,124 |  | 9 |  | 2,671,443 | 2.93\% | 2.93\% |
| Total Defined Contribution Plans |  | 199,142,694 |  | 7,945,653 |  | 916,051 |  | 208,004,398 | 4.45\% | 3.98\% |
| Total TRS |  | 5,362,325,367 |  | 161,444,113 |  | 280,343,241 |  | 5,804,112,721 | 8.24\% | 2.93\% |
| Judicial Retirement System (JRS) |  |  |  |  |  |  |  |  |  |  |
| Defined Benefit Plan Retirement Trust |  | 118,593,014 |  | 3,553,592 |  | 3,587,034 |  | 125,733,640 | 6.02\% | 2.95\% |
| Defined Benefit Retirement Health Care Trust |  | 22,670,718 |  | 663,727 |  | 74,652 |  | 23,409,097 | 3.26\% | 2.92\% |
| Total JRS |  | 141,263,732 |  | 4,217,319 |  | 3,661,686 |  | 149,142,737 | 5.58\% | 2.95\% |
| National Guard/Naval Militia Retirement System (MRS) |  |  |  |  |  |  |  |  |  |  |
| Defined Benefit Plan Retirement Trust |  | 34,141,087 |  | 993,912 |  | 518,511 |  | 35,653,510 | 4.43\% | 2.89\% |
| Other Participant Directed Plans |  |  |  |  |  |  |  |  |  |  |
| Supplemental Annuity Plan |  | 2,916,434,215 |  | 77,620,431 |  | (2,407,642) |  | 2,991,647,004 | 2.58\% | 2.66\% |
| Deferred Compensation Plan |  | 685,406,547 |  | 20,753,708 |  | $(323,011)$ |  | 705,837,244 | 2.98\% | 3.03\% |
| Total All Funds |  | 22,175,511,075 |  | 656,602,141 |  | 565,158,644 |  | 23,397,271,860 |  |  |
| Total Non-Participant Directed |  | 18,075,627,711 |  | 536,717,573 |  | 561,680,609 |  | 19,174,025,893 | 6.08\% | 2.92\% |
| Total Participant Directed |  | 4,099,883,364 |  | 119,884,568 |  | 3,478,035 |  | 4,223,245,967 | 3.01\% | 2.92\% |
| Total All Funds | \$ | 22,175,511,075 | \$ | 656,602,141 | \$ | 565,158,644 | \$ | 23,397,271,860 | 5.51\% | 2.92\% |

## 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://www.revenue.state.ak.us/treasury/programs/programs/other/armb/investmentresults.asp

## ALASKA RETIREMENT MANAGEMENT BOARD

## Schedule of Investment Income and Changes in Invested Assets by Fund

## For the Month Ended July 31, 2013

|  | $\underset{\text { Assets }}{\text { Beginning Invested }}$ |  | Investment Income <br> (1) |  | Net Contributions (Withdrawals) |  | Ending Invested Assets |  | \% Change in Invested Assets | to Investment Income ${ }^{(2)}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Public Employees' Retirement System (PERS) |  |  |  |  |  |  |  |  |  |  |
| Defined Benefit Plans: |  |  |  |  |  |  |  |  |  |  |
| Retirement Trust | \$ | 6,682,601,125 | \$ | 200,370,185 | \$ | 150,206,210 | \$ | 7,033,177,520 | 5.25\% | 2.97\% |
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| Defined Contribution Plans: |  |  |  |  |  |  |  |  |  |  |
| Participant Directed Retirement |  | 344,683,147 |  | 14,896,067 |  | 5,696,067 |  | 365,275,281 | 5.97\% | 4.29\% |
| Health Reimbursement Arrangement |  | 107,570,946 |  | 3,156,449 |  | 2,357,049 |  | 113,084,444 | 5.13\% | 2.90\% |
| Retiree Medical Plan |  | 20,530,927 |  | 602,448 |  | 350,384 |  | 21,483,759 | 4.64\% | 2.91\% |
| Defined Benefit Occupational Death and Disability: |  |  |  |  |  |  |  |  |  |  |
| Public Employees |  | 8,033,120 |  | 235,324 |  | 77,216 |  | 8,345,660 | 3.89\% | 2.92\% |
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| Supplemental Annuity Plan |  | 2,916,434,215 |  | 77,620,431 |  | $(2,407,642)$ |  | 2,991,647,004 | 2.58\% | 2.66\% |
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| Total Non-Participant Directed |  | 18,075,627,711 |  | 536,717,573 |  | 561,680,609 |  | 19,174,025,893 | 6.08\% | 2.92\% |
| Total Participant Directed |  | 4,099,883,364 |  | 119,884,568 |  | 3,478,035 |  | 4,223,245,967 | 3.01\% | 2.92\% |
| Total All Funds | \$ | 22,175,511,075 | \$ | 656,602,141 | \$ | 565,158,644 | \$ | 23,397,271,860 | 5.51\% | 2.92\% |

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PUBLIC EMPLOYEES' RETIREMENT TRUST FUND
As of July 31, 2013


# PUBLIC EMPLOYEES' RETIREE HEALTH CARE TRUST FUND <br> As of July 31, 2013 



# TEACHERS' RETIREMENT TRUST FUND <br> As of July 31, 2013 



## TEACHERS' RETIREE HEALTH CARE TRUST FUND

As of July 31, 2013


# JUDICIAL RETIREMENT TRUST FUND <br> As of August 31, 2013 



# JUDICIAL RETIREE HEALTH CARE TRUST FUND 

As of July 31, 2013


## MILITARY RETIREMENT TRUST FUND <br> As of July 31, 2013



## ALASKA RETIREMENT MANAGEMENT BOARD

Reporting of Funds by Manager

All Non-Participant Directed Plans

# Alaska Retirement Management Board <br> All Non-Participant Directed Plans by Manager <br> Schedule of Investment Income and Changes in Invested Assets <br> For the Month Ended July 31, 2013 



# Alaska Retirement Management Board <br> All Non-Participant Directed Plans by Manager <br> Schedule of Investment Income and Changes in Invested Assets <br> For the Month Ended July 31, 2013 

|  | Domestic Equities |
| :---: | :---: |
|  | Small Cap Pool |
|  | Passively Managed |
| N | SSgA Russell 2000 Growth |
|  | SSgA Russell 2000 Value |
| Total Passive |  |
|  | Actively Managed |
| 43 | Transition Account |
| E | DePrince, Race \& Zollo Inc.- Micro Cap |
| F | Luther King Capital Management |
| G | Jennison Associates, LLC |
| F | Lord Abbet Small Cap Growth Fund |
| G | Frontier Capital Mgmt Co. |
| H | Victory Capital Management |
| A | SSgA Futures Small Cap |
| H | Lord Abbett \& Co. |
| Q | Barrow, Haney, Mewhinney \& Strauss |
| , | Lord Abbett \& Co.- Micro Cap |
|  | Total Active |
|  | Total Small Cap |
|  | Large Cap Pool |
|  | Passively Managed |
|  | SSgA Russell 1000 Growth |
| M | SSgA Russell 1000 Value |
| R | SSgA Russell 200 |
|  | Total Passive |
|  | Actively Managed |
|  | Larg Cap Transition Fund |
| 47 | Lazard Freres |
| 48 | McKinley Capital Mgmt. |
| J | Barrow, Haney, Mewhinney \& Strauss |
| V | Quantitative Management Assoc. |
| 38 | Allianz Global Investors |
| B | SSgA Futures large cap |
|  | Total Active |
|  | Total Large Cap |
|  | Total Domestic Equity |
|  | (cont.) |


| Beginning Invested Assets | Total Investment Income | Net Contributions (Withdrawals) \& Transfers In (Out) | Ending Invested Assets | \% increase (decrease) |
| :---: | :---: | :---: | :---: | :---: |
| 14,159,099 | 1,071,822 | - | 15,230,921 | 7.57\% |
| 52,894,330 | 3,408,191 | - | 56,302,521 | 6.44\% |
| 67,053,429 | 4,480,013 | - | 71,533,442 | 6.68\% |
| - | - | - | - |  |
| 88,396,732 | 3,856,419 | - | 92,253,151 | 4.36\% |
| 152,474,502 | 8,968,271 | - | 161,442,773 | 5.88\% |
| 158,448,044 | 8,647,734 | - | 167,095,778 | 5.46\% |
| 124,381,242 | 9,765,661 | - | 134,146,903 | 7.85\% |
| 150,663,956 | 11,116,875 | - | 161,780,831 | 7.38\% |
| 87,479,581 | 5,417,061 | - | 92,896,642 | 6.19\% |
| 8,776,354 | 773,236 | - | 9,549,590 | 8.81\% |
| $(117,375)$ | - | - | $(117,375)$ | 0.00\% |
| 152,031,329 | 10,515,228 | - | 162,546,557 | 6.92\% |
| 99,054,701 | 8,754,456 | - | 107,809,157 | 8.84\% |
| 1,021,589,066 | 67,814,941 | - | 1,089,404,007 | 6.64\% |
| 1,088,642,495 | 72,294,954 | - | 1,160,937,449 | 6.64\% |
| 1,054,646,956 | 55,981,976 | - | 1,110,628,932 | 5.31\% |
| 1,109,180,294 | 59,887,425 | - | 1,169,067,719 | 5.40\% |
| 471,611,259 | 24,266,889 | - | 495,878,148 | 5.15\% |
| 2,635,438,509 | 140,136,290 | - | 2,775,574,799 | 5.32\% |
| 155,665 | $(19,859)$ | - | 135,806 | -12.76\% |
| 363,160,421 | 21,416,489 | - | 384,576,910 | 5.90\% |
| 265,999,103 | 16,215,042 | - | 282,214,145 | 6.10\% |
| 270,052,113 | 16,529,954 | - | 286,582,067 | 6.12\% |
| 268,264,536 | 15,805,085 | - | 284,069,621 | 5.89\% |
| 269,042,848 | 16,357,107 | - | 285,399,955 | 6.08\% |
| 10,892,431 | 555,333 | - | 11,447,764 | 5.10\% |
| 1,447,567,117 | 86,859,151 | - | 1,534,426,268 | 6.00\% |
| 4,083,005,626 | 226,995,441 | - | 4,310,001,067 | 5.56\% |
| 5,171,648,121 | 299,290,395 | - | 5,470,938,516 | 5.79\% |

# Alaska Retirement Management Board <br> All Non-Participant Directed Plans by Manager <br> Schedule of Investment Income and Changes in Invested Assets For the Month Ended July 31, 2013 

## Alternative Equity Strategies

AlternativeEquity Strategy Poo
Relational Investors, LLC
Analytic Buy Write LLC
Allianz Global Investors Buy-Write Account Dow Jones Dividend 100-Index Fund

Total Alternative Equity Strategy Pool
Convertible Bond Pool
Advent Capital
Total Alternative Equity Strategies

| Beginning | Total | Net Contributions | Ending |
| :---: | :---: | :---: | :---: |
| Invested | Investment | (Withdrawals) \& | Invested |
| Assets | Income | Transfers In (Out) | Assets |

\% increase
(decrease)

Global Equities Ex US
Small Cap Pool
Mondrian Investment Partners
Schroder Investment Managemen
Total Small Cap
Large Cap Pool
Brandes Investment Partners
Lazard Freres
Cap Guardian Trust Co
State Street Global Advisors
McKinley Capital Management
Blackrock ACWI Ex-US IMI
Total Large Cap
Emerging Markets Equity Pool A (1)
Lazard Asset Management
Eaton Vance
Total Emerging Markets Pool A
Total Global Equities

| Assets | Income | Transfers In (Out) | Assets | (decrease) |
| :---: | :---: | :---: | :---: | :---: |
| 269,526,368 | 15,681,497 | 582,074 | 285,789,939 | 6.03\% |
| 119,520,620 | 1,934,912 | - | 121,455,532 | 1.62\% |
| 81,026,833 | 1,464,677 | - | 82,491,510 | 1.81\% |
| 110,532,330 | 4,842,287 | - | 115,374,617 | 4.38\% |
| 580,606,151 | 23,923,373 | 582,074 | 605,111,598 | 4.22\% |
| 127,990,486 | 3,552,526 | - | 131,543,012 | 2.78\% |
| 708,596,637 | 27,475,899 | 582,074 | 736,654,610 | 3.96\% |

## Private Equity Poo

Warburg Pincus Prvt Eqty XI
Merit Capital Partners
Pathway Capital Management LLC
Abbott Capital
Blum Capital Partners-Strategic
Lexington Partners
Onex Partnership III
Warburg Pincus X
Angelo, Gordon \& Co.
Total Private Equity
(cont.)

| 131,166,210 | 4,562,446 | - | 135,728,656 | 3.48\% |
| :---: | :---: | :---: | :---: | :---: |
| 125,723,219 | 7,021,618 | - | 132,744,837 | 5.58\% |
| 256,889,429 | 11,584,064 | - | 268,473,493 | 4.51\% |
| 863,994,627 | 42,635,155 | - | 906,629,782 | 4.93\% |
| 419,298,409 | 20,375,303 | - | 439,673,712 | 4.86\% |
| 681,896,174 | 40,396,058 | - | 722,292,232 | 5.92\% |
| 549,846,313 | 24,366,731 |  | 574,213,044 | 4.43\% |
| 319,396,522 | 11,766,627 | - | 331,163,149 | 3.68\% |
| 409,940,692 | 18,252,081 | - | 428,192,773 | 4.45\% |
| 3,244,372,737 | 157,791,955 | - | 3,402,164,692 | 4.86\% |
| 325,322,241 | 5,819,067 | - | 331,141,308 | 1.79\% |
| 203,900,404 | 3,932,365 | - | 207,832,769 | 1.93\% |
| 529,222,645 | 9,751,432 | - | 538,974,077 | 1.84\% |
| 4,030,484,811 | 179,127,451 | - | 4,209,612,262 | 4.44\% |


| 5,781,340 | - | - | 5,781,340 | 0.00\% |
| :---: | :---: | :---: | :---: | :---: |
| 11,791,464 | (4) | $(194,280)$ | 11,597,180 | -1.65\% |
| 749,197,900 | $(426,149)$ | 1,796,061 | 750,567,812 | 0.18\% |
| 726,917,892 | 8,853,935 | $(8,622,198)$ | 727,149,629 | 0.03\% |
| 9,718,454 | - | - | 9,718,454 | 0.00\% |
| 45,808,772 | 418,546 | $(676,327)$ | 45,550,991 | -0.56\% |
| 19,728,386 | (6) | 125,079 | 19,853,459 | 0.63\% |
| 28,712,946 | 7 | $(248,100)$ | 28,464,853 | -0.86\% |
| 14,093,386 | (4) | $(1,624,110)$ | 12,469,272 | -11.52\% |
| 1,611,750,540 | 8,846,325 | $(9,443,875)$ | 1,611,152,990 | -0.04\% |

# Alaska Retirement Management Board <br> All Non-Participant Directed Plans by Manager <br> Schedule of Investment Income and Changes in Invested Assets For the Month Ended July 31, 2013 

```
Absolute Return Pool (2)
    Global Asset Management (USA) Inc.
    Prisma Capital Partners
    Mariner Investment Group, Inc.
    Crestline Investors, Inc.
    Total Absolute Return Investments
```

Real Assets
Farmland Pool A
UBS Agrivest, LLC
Hancock Agricultural Investment Group
Total Farmland Pool A
Farmland Water Pool
Hancock Water PPTY
UBS Argivest, LLC
Total Farmland Water Pool
Timber Pool A
Timberland INVT Resource LLC
Hancock Natural Resourse Group
Total Timber Pool A

## Energy Pool A

EIG Energy Fund XV
EIG Energy Fund XD
EIG Energy Fund XIV-A
Total Energy Pool A

## REIT Pool

REIT Holdings
Treasury Inflation Proof Securities
TIPS Internally Managed Account
Master Limited Partnerships FAMCO
Tortoise Capital Advisors
Total Master Limited Partnerships (cont.)

| Beginning Invested Assets | Total Investment Income | Net Contributions (Withdrawals) \& Transfers In (Out) | Ending Invested Assets | \% increase <br> (decrease) |
| :---: | :---: | :---: | :---: | :---: |
| 260,707,515 | $(3,118,495)$ | - | 257,589,020 | -1.20\% |
| 264,750,411 | $(4,116,400)$ | - | 260,634,011 | -1.55\% |
| 1,556,201 | 166,985 | - | 1,723,186 | 10.73\% |
| 266,794,799 | $(783,844)$ | $(43,952,025)$ | 222,058,930 | -16.77\% |
| 793,808,926 | $(7,851,754)$ | $(43,952,025)$ | 742,005,147 | -6.53\% |
| 430,689,980 | - | - | 430,689,980 | 0.00\% |
| 249,687,412 | 1 | - | 249,687,413 | 0.00\% |
| 680,377,392 | 1 | - | 680,377,393 | 0.00\% |
| 13,057,323 | - | - | 13,057,323 | 0.00\% |
| 22,530,469 | - | - | 22,530,469 | 0.00\% |
| 35,587,792 | - | - | 35,587,792 | 0.00\% |
| 174,791,525 | 12 | (6,000,000) | 168,791,537 | -3.43\% |
| 86,394,701 | - | - | 86,394,701 | 0.00\% |
| 261,186,226 | 12 | (6,000,000) | 255,186,238 | -2.30\% |
| 34,376,186 | 923,878 | - | 35,300,064 | 2.69\% |
| 8,389,032 | 25,102 | $(604,301)$ | 7,809,833 | -6.90\% |
| 65,012,789 | $(610,434)$ | - | 64,402,355 | -0.94\% |
| 107,778,007 | 338,546 | $(604,301)$ | 107,512,252 | -0.25\% |
| 271,027,010 | 2,054,709 | - | 273,081,719 | 0.76\% |
| 8,333,825 | 52,958 | - | 8,386,783 | 0.64\% |
| 178,805,145 | 1,715,800 | - | 180,520,945 | 0.96\% |
| 184,142,321 | 469,985 | - | 184,612,306 | 0.26\% |
| 362,947,466 | 2,185,785 | - | 365,133,251 | 0.60\% |

# Alaska Retirement Management Board <br> All Non-Participant Directed Plans by Manager <br> Schedule of Investment Income and Changes in Invested Assets <br> For the Month Ended July 31, 2013 

Core Commingled Accounts
JP Morgan
UBS Trumbull Property Fund Total Core Commingled Core Separate Accounts
Cornerstone Real Estate Advisers Inc.
LaSalle Investment Management
Sentinel Separate Account
UBS Realty
Total Core Separate
Non-Core Commingled Accounts
Coventry
Lowe Hospitality Partners
ING Clarion Development Ventures II
Silverpeak Legacy Pension Partners II, L.P. (3)
Almanac Realty Securities IV (5)
Tishman Speyer Real Estate Venture VI
Tishman Speyer Real Estate Venture VII
Almanac Realty Securities V (6)
ING Clarion Development Ventures III
Silverpeak Legacy Pension Partners III, L.P. (4)
BlackRock Diamond Property Fund
Colony Investors VIII, L.P.
LaSalle Medical Office Fund II
Cornerstone Apartment Venture III
Total Non-Core Commingled
Total Real Estate
Total Real Assets
Totals

| Beginning Invested Assets | Total Investment Income | Net Contributions (Withdrawals) \& Transfers In (Out) | Ending Invested Assets | \% increase <br> (decrease) |
| :---: | :---: | :---: | :---: | :---: |
| 190,102,247 | 6,016,167 | $(2,242,299)$ | 193,876,115 | 1.99\% |
| 77,936,845 | 2,405,435 | $(587,965)$ | 79,754,315 | 2.33\% |
| 268,039,092 | 8,421,602 | $(2,830,264)$ | 273,630,430 | 2.09\% |
| 96,426,729 | 305 | 781,049 | 97,208,083 | 0.81\% |
| 217,575,131 | (28) | $(26,468,951)$ | 191,106,152 | -12.17\% |
| 151,140,478 | 48 | $(533,605)$ | 150,606,921 | -0.35\% |
| 273,620,395 | (75) | $(959,237)$ | 272,661,083 | -0.35\% |
| 738,762,733 | 250 | $(27,180,744)$ | 711,582,239 | -3.68\% |
| 13,987,631 | - | - | 13,987,631 | 0.00\% |
| 2,845,708 | 1 | - | 2,845,709 | 0.00\% |
| 5,085,522 | - | - | 5,085,522 | 0.00\% |
| 70,235,674 | - | - | 70,235,674 | 0.00\% |
| 37,028,188 | (3) | $(17,392,166)$ | 19,636,019 | -46.97\% |
| 62,107,375 | - | - | 62,107,375 | 0.00\% |
| 17,862,362 | - | - | 17,862,362 | 0.00\% |
| 28,812,312 | (8) | 547,868 | 29,360,172 | 1.90\% |
| 25,885,679 | - | - | 25,885,679 | 0.00\% |
| 8,731,402 | - | - | 8,731,402 | 0.00\% |
| 26,449,289 | 362,335 | $(22,245)$ | 26,789,379 | 1.29\% |
| 21,275,160 | - | - | 21,275,160 | 0.00\% |
| 19,053,335 | 3 | $(247,510)$ | 18,805,828 | -1.30\% |
| 26,922,886 | (4) | $(5,722,222)$ | 21,200,660 | -21.25\% |
| 366,282,523 | 362,324 | $(22,836,275)$ | 343,808,572 | -6.14\% |
| 1,373,084,348 | 8,784,176 | $(52,847,283)$ | 1,329,021,241 | -3.21\% |
| 3,100,322,066 | 13,416,187 | $(59,451,584)$ | 3,054,286,669 | -1.48\% |
| 18,075,627,711 | 536,717,573 | 561,680,609 | 19,174,025,893 | 6.08\% |

(1) Investment is represented by shares in (or as a percentage of) commingled equity investments which, at any given time, may be a combination of securities and cash
(2) Investment is represented by shares in various hedge funds.
(3) Previously titled Lehman Brothers Real Estate Partners I
(4) Previously titled Lehman Brothers Real Estate Partners III
(5) Previously titled Rothschild Five Arrows Reality Securities V
(6) Previously titled Rothschild Five Arrows Reality Securities IV

## ALASKA RETIREMENT MANAGEMENT BOARD

Participant Directed Plans

Supplemental Annuity Plan
Schedule of Investment Income and Changes in Invested Assets

## for the Month Ended

July 31, 2013

| Interim Transit Account | Beginning Invested Assets |  | Investment Income |  | Net Contributions (Withdrawals) |  | Transfers In (Out) |  | Ending Invested Assets |  | \% Change in Invested Assets | \% Change due to Investment Income (3) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury Division ${ }^{(1)}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| Cash and Cash Equivalents | \$ | 6,983,930 | \$ | 1,434 | \$ | $(21,885)$ | \$ | - | \$ | 6,963,479 | -0.29\% | 0.02\% |
| Participant Options ${ }^{(2)}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| T. Rowe Price |  |  |  |  |  |  |  |  |  |  |  |  |
| Stable Value Fund |  | 340,042,432 |  | 622,296 |  | $(3,202,010)$ |  | 4,700,392 |  | 342,163,110 | 0.62\% | 0.18\% |
| Small-Cap Stock Fund |  | 110,973,738 |  | 7,292,450 |  | $(183,816)$ |  | 1,788,935 |  | 119,871,307 | 8.02\% | 6.52\% |
| Alaska Balanced Fund |  | 1,126,777,527 |  | 22,617,463 |  | $(1,787,801)$ |  | $(2,069,899)$ |  | 1,145,537,290 | 1.66\% | 2.01\% |
| Long Term Balanced Fund |  | 433,261,951 |  | 14,408,463 |  | 1,936,135 |  | $(2,432,137)$ |  | 447,174,412 | 3.21\% | 3.33\% |
| AK Target Date 2010 Trust |  | 7,289,466 |  | 196,566 |  | 30,860 |  | $(281,747)$ |  | 7,235,145 | -0.75\% | 2.74\% |
| AK Target Date 2015 Trust |  | 96,132,474 |  | 3,082,195 |  | $(41,638)$ |  | $(1,209,239)$ |  | 97,963,792 | 1.90\% | 3.23\% |
| AK Target Date 2020 Trust |  | 45,023,588 |  | 1,652,445 |  | 288,057 |  | 1,597,387 |  | 48,561,477 | 7.86\% | 3.59\% |
| AK Target Date 2025 Trust |  | 27,679,949 |  | 1,146,073 |  | 495,952 |  | 910,279 |  | 30,232,253 | 9.22\% | 4.04\% |
| AK Target Date 2030 Trust |  | 13,778,987 |  | 619,270 |  | 262,742 |  | 185,992 |  | 14,846,991 | 7.75\% | 4.42\% |
| AK Target Date 2035 Trust |  | 13,214,078 |  | 628,799 |  | 295,817 |  | 280,708 |  | 14,419,402 | 9.12\% | 4.66\% |
| AK Target Date 2040 Trust |  | 14,613,686 |  | 713,039 |  | 306,094 |  | 39,979 |  | 15,672,798 | 7.25\% | 4.82\% |
| AK Target Date 2045 Trust |  | 14,561,916 |  | 713,750 |  | 364,503 |  | 415,075 |  | 16,055,244 | 10.26\% | 4.77\% |
| AK Target Date 2050 Trust |  | 14,908,092 |  | 734,447 |  | 505,326 |  | 99,758 |  | 16,247,623 | 8.99\% | 4.83\% |
| AK Target Date 2055 Trust |  | 8,478,329 |  | 413,453 |  | 402,977 |  | 176,385 |  | 9,471,144 | 11.71\% | 4.72\% |
| Total Investments with T. Rowe Price |  | 2,266,736,213 |  | 54,840,709 |  | $(326,802)$ |  | 4,201,868 |  | 2,325,451,988 |  |  |
| State Street Global Advisors |  |  |  |  |  |  |  |  |  |  |  |  |
| State Street Treasury Money Market Fund - Inst. |  | 38,139,484 |  | 2 |  | $(325,598)$ |  | $(1,383,388)$ |  | 36,430,500 | -4.48\% | 0.00\% |
| S\&P 500 Stock Index Fund Series A |  | 271,724,167 |  | 13,810,209 |  | $(52,843)$ |  | $(1,444,814)$ |  | 284,036,719 | 4.53\% | 5.10\% |
| Russell 3000 Index |  | 29,971,044 |  | 1,670,186 |  | $(34,459)$ |  | 1,771,130 |  | 33,377,901 | 11.37\% | 5.42\% |
| US Real Estate Investment Trust Index |  | 33,126,968 |  | 208,092 |  | 45,310 |  | 867,772 |  | 34,248,142 | 3.38\% | 0.62\% |
| World Equity Ex-US Index |  | 22,721,971 |  | 1,005,499 |  | $(91,603)$ |  | 223,788 |  | 23,859,655 | 5.01\% | 4.41\% |
| Long US Treasury Bond Index |  | 10,100,674 |  | $(192,141)$ |  | $(190,920)$ |  | $(180,272)$ |  | 9,537,341 | -5.58\% | -1.94\% |
| US Treasury Inflation Protected Securities Index |  | 19,510,852 |  | 131,806 |  | $(79,575)$ |  | $(1,585,473)$ |  | 17,977,610 | -7.86\% | 0.71\% |
| World Government Bond Ex-US Index |  | 7,204,796 |  | 138,457 |  | $(168,468)$ |  | 7,720 |  | 7,182,505 | -0.31\% | 1.94\% |
| Global Balanced Fund |  | 53,897,503 |  | 1,671,285 |  | $(280,742)$ |  | $(504,476)$ |  | 54,783,570 | 1.64\% | 3.12\% |
| Total Investments with SSGA |  | 486,397,459 |  | 18,443,395 |  | $(1,178,898)$ |  | $(2,228,013)$ |  | 501,433,943 |  |  |
| BlackRock |  |  |  |  |  |  |  |  |  |  |  |  |
| Government Bond Fund |  | 46,967,118 |  | 86,983 |  | $(978,152)$ |  | $(719,611)$ |  | 45,356,338 | -3.43\% | 0.19\% |
| Intermediate Bond Fund |  | 15,556,366 |  | 14,369 |  | 28,633 |  | $(439,532)$ |  | 15,159,836 | -2.55\% | 0.09\% |
| Total Investments with BlackRock |  | 62,523,484 |  | 101,352 |  | $(949,519)$ |  | $(1,159,143)$ |  | 60,516,174 |  |  |
| Brandes Institutional |  |  |  |  |  |  |  |  |  |  |  |  |
| International Equity Fund Fee |  | 61,517,682 |  | 3,014,692 |  | $(8,214)$ |  | $(414,771)$ |  | 64,109,389 | 4.21\% | 4.92\% |
| RCM |  |  |  |  |  |  |  |  |  |  |  |  |
| Sustainable Opportunities Fund |  | 32,275,447 |  | 1,218,849 |  | 77,676 |  | $(399,941)$ |  | 33,172,031 | 2.78\% | 3.80\% |
| Total Externally Managed Funds |  | 2,909,450,285 |  | 77,618,997 |  | $(2,385,757)$ |  | - |  | 2,984,683,525 |  |  |
| Total All Funds | \$ | 2,916,434,215 | \$ | 77,620,431 | \$ | $\underline{(2,407,642)}$ | \$ | - | \$ | 2,991,647,004 | 2.58\% | 2.66\% |

Notes: (1) Represents net contributions in transit to/from the record keeper. (2) Source data provided by the record keeper, Great West Life
(3) Income divided by beginning assets plus half of net contributions/(withdrawals). Actual returns are calculated by Callan and Associates. <br> \section*{Schedule of Invested Assets with <br> \section*{Schedule of Invested Assets with <br> vestment Income and Changes in In}

By Month Through the Month Ended
July 31, 2013
\$ (Thousands)

| Invested Assets (At Fair Value) | July |  |
| :---: | :---: | :---: |
| Investments with Treasury Division |  |  |
| Cash and cash equivalents | \$ | 6,963 |
| Investments with T. Rowe Price |  |  |
| Stable Value Fund |  | 342,164 |
| Small-Cap Stock Fund |  | 119,871 |
| Alaska Balanced Fund |  | 1,145,537 |
| Long Term Balanced Fund |  | 447,174 |
| AK Target Date 2010 Trust |  | 7,235 |
| AK Target Date 2015 Trust |  | 97,964 |
| AK Target Date 2020 Trust |  | 48,562 |
| AK Target Date 2025 Trust |  | 30,232 |
| AK Target Date 2030 Trust |  | 14,847 |
| AK Target Date 2035 Trust |  | 14,419 |
| AK Target Date 2040 Trust |  | 15,673 |
| AK Target Date 2045 Trust |  | 16,055 |
| AK Target Date 2050 Trust |  | 16,248 |
| AK Target Date 2055 Trust |  | 9,471 |
| Investments with State Street Global Advisors |  |  |
| State Street Treasury Money Market Fund - Inst. |  | 36,430 |
| S\&P 500 Stock Index Fund Series A |  | 284,037 |
| Russell 3000 Index |  | 33,378 |
| US Real Estate Investment Trust Index |  | 34,248 |
| World Equity Ex-US Index |  | 23,860 |
| Long US Treasury Bond Index |  | 9,537 |
| US Treasury Inflation Protected Securities Index |  | 17,978 |
| World Govt Bond Ex-US Index |  | 7,183 |
| Global Balanced Fund |  | 54,784 |
| Investments with BlackRock |  |  |
| Government Bond Fund |  | 45,356 |
| Intermediate Bond Fund |  | 15,160 |
| Investments with Brandes Investment Partners |  |  |
| International Equity Fund Fee |  | 64,109 |
| Investments with RCM |  |  |
| Sustainable Opportunities Fund |  | 33,172 |
| Total Invested Assets | \$ | 2,991,647 |
| Change in Invested Assets |  |  |
| Beginning Assets | \$ | 2,916,434 |
| Investment Earnings |  | 77,621 |
| Net Contributions (Withdrawals) |  | $(2,408)$ |
| Ending Invested Assets | \$ | 2,991,647 |

Deferred Compensation Plan
Schedule of Invested Assets and Changes in Invested Assets

## July 31, 2013

|  | $\underset{\text { Assets }}{\text { Beginning Invested }}$ |  | Investment Income |  | Net Contributions (Withdrawals) |  | Transfers In (Out) |  | Ending Invested Assets |  | $\qquad$ | \% Change due to Investment Income (3) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Participant Options |  |  |  |  |  |  |  |  |  |  |  |  |
| T. Rowe Price |  |  |  |  |  |  |  |  |  |  |  |  |
| Interest Income Fund | \$ | 180,753,766 | \$ | 388,837 | \$ | $(1,210,255)$ | \$ | 1,146,125 | \$ | 181,078,473 | 0.18\% | 0.22\% |
| Small Cap Stock Fund |  | 83,699,116 |  | 5,486,825 |  | 83,672 |  | 400,452 |  | 89,670,065 | 7.13\% | 6.54\% |
| Long Term Balanced Fund |  | 42,136,018 |  | 1,399,587 |  | 27,090 |  | $(27,114)$ |  | 43,535,581 | 3.32\% | 3.32\% |
| Alaska Balanced Trust |  | 11,937,189 |  | 241,136 |  | 1,477 |  | $(233,986)$ |  | 11,945,816 | 0.07\% | 2.04\% |
| AK Target Date 2010 Trust |  | 2,266,719 |  | 61,177 |  | (341) |  | $(100,310)$ |  | 2,227,245 | -1.74\% | 2.76\% |
| AK Target Date 2015 Trust |  | 6,783,033 |  | 218,167 |  | 164,008 |  | $(250,916)$ |  | 6,914,292 | 1.94\% | 3.24\% |
| AK Target Date 2020 Trust |  | 7,835,448 |  | 300,871 |  | 211,847 |  | 1,203,800 |  | 9,551,966 | 21.91\% | 3.52\% |
| AK Target Date 2025 Trust |  | 3,848,674 |  | 157,929 |  | 99,189 |  | 128,881 |  | 4,234,673 | 10.03\% | 3.99\% |
| AK Target Date 2030 Trust |  | 2,523,286 |  | 113,678 |  | 75,906 |  | 147,937 |  | 2,860,807 | 13.38\% | 4.31\% |
| AK Target Date 2035 Trust |  | 1,764,670 |  | 83,794 |  | 47,822 |  | 21,084 |  | 1,917,370 | 8.65\% | 4.66\% |
| AK Target Date 2040 Trust |  | 1,575,966 |  | 77,650 |  | 59,341 |  | 133,692 |  | 1,846,649 | 17.18\% | 4.64\% |
| AK Target Date 2045 Trust |  | 972,536 |  | 48,708 |  | 50,567 |  | 95,464 |  | 1,167,275 | 20.02\% | 4.66\% |
| AK Target Date 2050 Trust |  | 549,452 |  | 30,508 |  | 34,758 |  | 81,563 |  | 696,281 | 26.72\% | 5.02\% |
| AK Target Date 2055 Trust |  | 799,163 |  | 40,221 |  | 24,481 |  | 93,295 |  | 957,160 | 19.77\% | 4.69\% |
| Total Investments with T. Rowe Price |  | 347,445,036 |  | 8,649,088 |  | $(330,438)$ |  | 2,839,967 |  | 358,603,653 |  |  |
| State Street Global Advisors |  |  |  |  |  |  |  |  |  |  |  |  |
| State Street Treasury Money Market Fund - Inst. |  | 11,565,600 |  | 1 |  | 66,202 |  | $(613,356)$ |  | 11,018,447 | -4.73\% | 0.00\% |
| Russell 3000 Index |  | 10,392,468 |  | 585,524 |  | 101,548 |  | 544,011 |  | 11,623,551 | 11.85\% | 5.46\% |
| US Real Estate Investment Trust Index |  | 11,264,123 |  | 70,850 |  | 84,876 |  | 496,101 |  | 11,915,950 | 5.79\% | 0.61\% |
| World Equity Ex-US Index |  | 7,385,188 |  | 324,430 |  | 41,430 |  | 222,798 |  | 7,973,846 | 7.97\% | 4.32\% |
| Long US Treasury Bond Index |  | 3,122,654 |  | $(57,312)$ |  | $(4,112)$ |  | $(282,081)$ |  | 2,779,149 | -11.00\% | -1.92\% |
| US Treasury Inflation Protected Securities Index |  | 9,373,086 |  | 59,900 |  | 12,725 |  | $(1,198,710)$ |  | 8,247,001 | -12.01\% | 0.68\% |
| World Government Bond Ex-US Index |  | 2,658,717 |  | 50,933 |  | $(20,695)$ |  | $(37,978)$ |  | 2,650,977 | -0.29\% | 1.94\% |
| Global Balanced Fund |  | 37,989,671 |  | 1,177,669 |  | $(21,698)$ |  | $(282,321)$ |  | 38,863,321 | 2.30\% | 3.11\% |
| Total Investments with SSGA |  | 93,751,507 |  | 2,211,995 |  | 260,276 |  | $(1,151,536)$ |  | 95,072,242 |  |  |
| BlackRock |  |  |  |  |  |  |  |  |  |  |  |  |
| S\&P 500 Index Fund |  | 145,636,054 |  | 7,429,391 |  | $(22,349)$ |  | $(12,966)$ |  | 153,030,130 | 5.08\% | 5.10\% |
| Government/Credit Bond Fund |  | 30,969,683 |  | 55,180 |  | $(382,971)$ |  | $(908,144)$ |  | 29,733,748 | -3.99\% | 0.18\% |
| Intermediate Bond Fund |  | 15,717,646 |  | 13,538 |  | $(82,916)$ |  | $(127,670)$ |  | 15,520,598 | -1.25\% | 0.09\% |
| Total Investments with Barclays Global Investors |  | 192,323,383 |  | 7,498,109 |  | $(488,236)$ |  | $(1,048,780)$ |  | 198,284,476 |  |  |
| Brandes Institutional |  |  |  |  |  |  |  |  |  |  |  |  |
| International Equity Fund Fee |  | 38,608,907 |  | 1,890,111 |  | 136,069 |  | $(429,807)$ |  | 40,205,280 | 4.13\% | 4.91\% |
| RCM |  |  |  |  |  |  |  |  |  |  |  |  |
| Sustainable Core Opportunities Fund |  | 13,277,714 |  | 504,405 |  | 99,318 |  | $(209,844)$ |  | 13,671,593 | 2.97\% | 3.81\% |
| Total All Funds | \$ | 685,406,547 | \$ | 20,753,708 | \$ | (323,011) | \$ |  | \$ | 705,837,244 | 2.98\% | 3.03\% |

Notes: (1) Represents net contributions in transit to/from the record keeper. (2) Source data provided by the record keeper, Great West Life.
(3) 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, 2013
\$ (Thousands)

| Invested Assets (at fair value) | July |  |
| :---: | :---: | :---: |
| Investments with T. Rowe Price |  |  |
| Interest Income Fund |  |  |
| Cash and cash equivalents | \$ | 11,345 |
| Synthetic Investment Contracts |  | 169,734 |
| Small Cap Stock Fund |  | 89,670 |
| Long Term Balanced Fund |  | 43,536 |
| Alaska Balanced Trust |  | 11,946 |
| AK Target Date 2010 Trust |  | 2,227 |
| AK Target Date 2015 Trust |  | 6,914 |
| AK Target Date 2020 Trust |  | 9,552 |
| AK Target Date 2025 Trust |  | 4,235 |
| AK Target Date 2030 Trust |  | 2,861 |
| AK Target Date 2035 Trust |  | 1,917 |
| AK Target Date 2040 Trust |  | 1,847 |
| AK Target Date 2045 Trust |  | 1,167 |
| AK Target Date 2050 Trust |  | 696 |
| AK Target Date 2055 Trust |  | 957 |
| State Street Global Advisors |  |  |
| State Street Treasury Money Market Fund - Inst. |  | 11,018 |
| Russell 3000 Index |  | 11,623 |
| US Real Estate Investment Trust Index |  | 11,916 |
| World Equity Ex-US Index |  | 7,974 |
| Long US Treasury Bond Index |  | 2,779 |
| US Treasury Inflation Protected Securities Index |  | 8,247 |
| World Government Bond Ex-US Index |  | 2,651 |
| Global Balanced Fund |  | 38,863 |
| Investments with BlackRock |  |  |
| S\&P 500 Index Fund |  | 153,030 |
| Government/Credit Bond Fund |  | 29,734 |
| Intermediate Bond Fund |  | 15,521 |
| Investments with Brandes Institutional |  |  |
| International Equity Fund Fee |  | 40,205 |
| Investments with RCM |  |  |
| Sustainable Opportunities Fund |  | 13,672 |
| Total Invested Assets | \$ | 705,837 |
| Change in Invested Assets |  |  |
| Beginning Assets | \$ | 685,407 |
| Investment Earnings |  | 20,753 |
| Net Contributions (Withdrawals) |  | (323) |
| Ending Invested Assets | \$ | 705,837 |

Defined Contribution Retirement - Participant Directed PERS
Schedule of Investment Income and Changes in Invested Assets

## for the Month Ended

## July 31, 2013

## Interim Transit Account <br> Treasury Division ${ }^{(1)}$

Cash and Cash Equivalents

## Participant Options ${ }^{(2)}$

T. Rowe Price

Alaska Money Market
Small-Cap Stock Fund
Long Term Balanced Fund
Alaska Balanced Fund
AK Target Date 2010 Trust
AK Target Date 2015 Trust
AK Target Date 2020 Trust
AK Target Date 2025 Trust
AK Target Date 2030 Trust
AK Target Date 2035 Trust
AK Target Date 2040 Trust AK Target Date 2045 Trust
AK Target Date 2050 Trust
AK Target Date 2055 Trust
Total Investments with T. Rowe Price
State Street Global Advisors
Money Market
S\&P 500 Stock Index Fund Series A
Russell 3000 Index
US Real Estate Investment Trust Index World Equity Ex-US Index
Long US Treasury Bond Index
US Treasury Inflation Protected Sec Index
World Government Bond Ex-US Index
Global Balanced Fund
Total Investments with SSGA
BlackRock
Government Bond Fund
Intermediate Bond Fund
Total Investments with BlackRock
Brandes Institutional
International Equity Fund Fee
RCM
Sustainable Opportunities Fund
Total Externally Managed Funds

## Total All Funds

|  | Invested ets |  | Investment Income |
| :---: | :---: | :---: | :---: |
| \$ | 6,375,787 | \$ | 1,930 |


| Net Contributions <br> (Withdrawals)$\quad$ Transfers In (Out) |
| :--- |



Ending Invested Assets
$\qquad$ \$

6,509,103 Assets

\% Change due to Investment Income (3) 2.09\%
0.03\%
$\qquad$

| $4,038,389$ | 73 |
| ---: | ---: |
| $41,387,511$ | $2,693,549$ |
| $9,596,464$ | 315,142 |
| $1,147,613$ | 23,261 |
| $1,089,235$ | 29,527 |
| $4,305,228$ | 139,564 |
| $8,512,198$ | 314,124 |
| $11,889,092$ | 490,506 |
| $12,084,803$ | 539,703 |
| $13,396,032$ | 636,367 |
| $17,659,379$ | 861,228 |
| $20,800,027$ | $1,017,755$ |
| $23,206,155$ | $1,138,400$ |
| $9,711,572$ | 478,032 |
| $178,823,698$ | $8,677,231$ |


| 35,183 |
| ---: |
| 232,669 |
| $(64,284)$ |
| 33,478 |
| 35,662 |
| 143,219 |
| 296,220 |
| 424,172 |
| 434,253 |
| 484,129 |
| 514,016 |
| 700,665 |
| 910,519 |
| 535,330 |
| $4,715,231$ |


| $(266,907)$ |
| ---: |
| $(527,772)$ |
| $(271,059)$ |
| 7 |
| - |
| $(52,586)$ |
| $(14,966)$ |
| 68,983 |
| $(58,836)$ |
| $(36,103)$ |
| 34,471 |
| $(9,065)$ |
| $(378)$ |
| 22,843 |
| $(1,111,368)$ |


| $3,806,738$ | $-5.74 \%$ | $0.00 \%$ |
| ---: | :---: | :---: |
| $43,785,957$ | $5.80 \%$ | $6.53 \%$ |
| $9,576,263$ | $-0.21 \%$ | $3.34 \%$ |
| $1,204,359$ | $4.94 \%$ | $2.00 \%$ |
| $1,154,424$ | $5.98 \%$ | $2.67 \%$ |
| $4,535,425$ | $5.35 \%$ | $3.21 \%$ |
| $9,107,576$ | $6.99 \%$ | $3.63 \%$ |
| $12,872,753$ | $8.27 \%$ | $4.04 \%$ |
| $12,999,923$ | $7.57 \%$ | $4.40 \%$ |
| $14,480,425$ | $8.09 \%$ | $4.67 \%$ |
| $19,069,094$ | $7.98 \%$ | $4.80 \%$ |
| $22,509,382$ | $8.22 \%$ | $4.81 \%$ |
| $25,254,696$ | $8.83 \%$ | $4.81 \%$ |
| $10,747,777$ | $10.67 \%$ | $4.78 \%$ |
| 10104,792 |  |  |

$191,104,792$
1,
37,
16
5
27,

- 4,915

| 112,393 |
| ---: |
| $1,121,499$ |
| $(627,001)$ |
| 100,791 |
| 724,672 |
| $(63,500)$ |
| 19,393 |
| 84,125 |
| $(315,365)$ |
| $1,157,007$ |


| $1,123,178$ | $12.22 \%$ | $0.00 \%$ |
| ---: | :---: | :---: |
| $40,639,831$ | $8.86 \%$ | $5.04 \%$ |
| $16,520,589$ | $2.20 \%$ | $5.51 \%$ |
| $5,659,365$ | $3.68 \%$ | $0.68 \%$ |
| $30,062,069$ | $7.48 \%$ | $4.33 \%$ |
| 488,585 | $-10.62 \%$ | $-1.95 \%$ |
| $2,051,318$ | $0.50 \%$ | $0.70 \%$ |
| $3,825,701$ | $4.06 \%$ | $1.96 \%$ |
| $10,105,205$ | $-0.23 \%$ | $3.13 \%$ |
| $110,475,841$ |  |  |

Notes: (1) Represents net contributions in transit to/from the record keeper. (2) Source data provided by the record keeper, Great West Life.
(3) 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, 2013
\$ (Thousands)

| Invested Assets (At Fair Value) | July |  |
| :---: | :---: | :---: |
| Investments with Treasury Division |  |  |
| Cash and cash equivalents | \$ | 6,509 |
| Investments with T. Rowe Price |  |  |
| Alaska Money Market |  | 3,807 |
| Small-Cap Stock Fund |  | 43,786 |
| Long Term Balanced Fund |  | 9,576 |
| Alaska Balanced Fund |  | 1,204 |
| AK Target Date 2010 Trust |  | 1,154 |
| AK Target Date 2015 Trust |  | 4,535 |
| AK Target Date 2020 Trust |  | 9,108 |
| AK Target Date 2025 Trust |  | 12,873 |
| AK Target Date 2030 Trust |  | 13,000 |
| AK Target Date 2035 Trust |  | 14,480 |
| AK Target Date 2040 Trust |  | 19,069 |
| AK Target Date 2045 Trust |  | 22,509 |
| AK Target Date 2050 Trust |  | 25,255 |
| AK Target Date 2055 Trust |  | 10,748 |
| Investments with State Street Global Advisors |  |  |
| Money Market |  | 1,123 |
| S\&P 500 Stock Index Fund Series A |  | 40,640 |
| Russell 3000 Index |  | 16,521 |
| US Real Estate Investment Trust Index |  | 5,659 |
| World Equity Ex-US Index |  | 30,062 |
| Long US Treasury Bond Index |  | 489 |
| US Treasury Inflation Protected Sec Index |  | 2,051 |
| World Government Bond Ex-US Index |  | 3,826 |
| Global Balanced Fund |  | 10,105 |
| Investments with BlackRock |  |  |
| Government Bond Fund |  | 18,735 |
| Intermediate Bond Fund |  | 358 |
| Investments with Brandes Investment Partners |  |  |
| International Equity Fund Fee |  | 31,724 |
| Investments with RCM |  |  |
| Sustainable Opportunities Fund |  | 6,369 |
| Total Invested Assets | \$ | 365,275 |
| Change in Invested Assets |  |  |
| Beginning Assets | \$ | 344,683 |
| Investment Earnings |  | 14,896 |
| Net Contributions (Withdrawals) |  | 5,696 |
| Ending Invested Assets | \$ | 365,275 |

# Defined Contribution Retirement - Participant Directed TRS 

## Schedule of Investment Income and Changes in Invested Assets

## for the Month Ended

July 31, 2013

| Interim Transit Account | Beginning InvestedAssets |  | Investment Income |  | Net Contributions (Withdrawals) |  | $\underline{\text { Transfers In (Out) }}$ |  | Ending Invested Assets |  | \% Change in <br> Invested Assets | \% Change due to Investment Income (3) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury Division ${ }^{(1)}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| Cash and Cash Equivalents | \$ | 2,508,517 | \$ | 702 | \$ | $(227,337)$ | \$ | - | \$ | 2,281,882 | -9.03\% | 0.03\% |
| Participant Options ${ }^{(2)}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| T. Rowe Price |  |  |  |  |  |  |  |  |  |  |  |  |
| Alaska Money Market |  | 1,859,833 |  | 34 |  | $(58,451)$ |  | $(94,375)$ |  | 1,707,041 | -8.22\% | 0.00\% |
| Small-Cap Stock Fund |  | 16,974,347 |  | 1,106,349 |  | 36,908 |  | $(268,252)$ |  | 17,849,352 | 5.15\% | 6.56\% |
| Long Term Balanced Fund |  | 5,506,122 |  | 181,386 |  | $(32,793)$ |  | $(258,837)$ |  | 5,395,878 | -2.00\% | 3.38\% |
| Alaska Balanced Fund |  | 195,440 |  | 3,943 |  | 2,921 |  | 3,951 |  | 206,255 | 5.53\% | 1.98\% |
| AK Target Date 2010 Trust |  | 348,018 |  | 9,447 |  | 11,595 |  | - |  | 369,060 | 6.05\% | 2.67\% |
| AK Target Date 2015 Trust |  | 1,408,709 |  | 45,741 |  | 37,899 |  | - |  | 1,492,349 | 5.94\% | 3.20\% |
| AK Target Date 2020 Trust |  | 2,909,316 |  | 107,487 |  | 74,317 |  | $(3,111)$ |  | 3,088,009 | 6.14\% | 3.65\% |
| AK Target Date 2025 Trust |  | 3,929,253 |  | 160,967 |  | 42,831 |  | - |  | 4,133,051 | 5.19\% | 4.07\% |
| AK Target Date 2030 Trust |  | 4,182,392 |  | 187,025 |  | 48,207 |  | $(1,876)$ |  | 4,415,748 | 5.58\% | 4.45\% |
| AK Target Date 2035 Trust |  | 6,691,938 |  | 316,481 |  | 7,712 |  | 1,295 |  | 7,017,426 | 4.86\% | 4.73\% |
| AK Target Date 2040 Trust |  | 7,281,011 |  | 354,595 |  | $(40,303)$ |  | $(11,881)$ |  | 7,583,422 | 4.15\% | 4.89\% |
| AK Target Date 2045 Trust |  | 12,987,206 |  | 632,455 |  | 78,782 |  | - |  | 13,698,443 | 5.48\% | 4.86\% |
| AK Target Date 2050 Trust |  | 17,226,396 |  | 835,653 |  | 251,701 |  | $(45,323)$ |  | 18,268,427 | 6.05\% | 4.82\% |
| AK Target Date 2055 Trust |  | 2,168,025 |  | 105,872 |  | 110,528 |  | $(1,465)$ |  | 2,382,960 | 9.91\% | 4.76\% |
| Total Investments with T. Rowe Price |  | 83,668,006 |  | 4,047,435 |  | 571,854 |  | $(679,874)$ |  | 87,607,421 |  |  |
| State Street Global Advisors |  |  |  |  |  |  |  |  |  |  |  |  |
| Money Market |  | 103,387 |  | - |  | 385 |  | 2,914 |  | 106,686 | 3.19\% | 0.00\% |
| S\&P 500 Stock Index Fund Series A |  | 14,758,943 |  | 757,417 |  | 50,288 |  | 352,622 |  | 15,919,270 | 7.86\% | 5.06\% |
| Russell 3000 Index |  | 6,614,240 |  | 363,803 |  | 25,751 |  | 63,479 |  | 7,067,273 | 6.85\% | 5.46\% |
| US Real Estate Investment Trust Index |  | 1,992,477 |  | 13,905 |  | 8,002 |  | 48,615 |  | 2,062,999 | 3.54\% | 0.69\% |
| World Equity Ex-US Index |  | 12,277,513 |  | 540,432 |  | 35,849 |  | 311,623 |  | 13,165,417 | 7.23\% | 4.34\% |
| Long US Treasury Bond Index |  | 98,423 |  | $(1,791)$ |  | 1,702 |  | $(5,190)$ |  | 93,144 | -5.36\% | -1.85\% |
| US Treasury Inflation Protected Sec Index |  | 836,691 |  | 6,017 |  | $(5,101)$ |  | 30,811 |  | 868,418 | 3.79\% | 0.71\% |
| World Government Bond Ex-US Index |  | 1,808,160 |  | 36,285 |  | 4,801 |  | 52,587 |  | 1,901,833 | 5.18\% | 1.98\% |
| Global Balanced Fund |  | 6,670,864 |  | 206,528 |  | $(9,692)$ |  | $(19,006)$ |  | 6,848,694 | 2.67\% | 3.10\% |
| Total Investments with SSGA |  | 45,160,698 |  | 1,922,596 |  | 111,985 |  | 838,455 |  | 48,033,734 |  |  |
| BlackRock |  |  |  |  |  |  |  |  |  |  |  |  |
| Government Bond Fund |  | 8,651,453 |  | 16,629 |  | $(8,187)$ |  | 456,675 |  | 9,116,570 | 5.38\% | 0.19\% |
| Intermediate Bond Fund |  | 121,506 |  | 106 |  | 1,414 |  | $(17,924)$ |  | 105,102 | -13.50\% | 0.09\% |
| Total Investments with BlackRock |  | 8,772,959 |  | 16,735 |  | $(6,773)$ |  | 438,751 |  | 9,221,672 |  |  |
| Brandes Institutional |  |  |  |  |  |  |  |  |  |  |  |  |
| International Equity Fund Fee |  | 11,474,700 |  | 557,178 |  | 54,703 |  | $(778,414)$ |  | 11,308,167 | -1.45\% | 5.01\% |
| RCM |  |  |  |  |  |  |  |  |  |  |  |  |
| Sustainable Opportunities Fund |  | 1,774,575 |  | 69,716 |  | 8,189 |  | 181,082 |  | 2,033,562 | 14.59\% | 3.73\% |
| Total Externally Managed Funds |  | 150,850,938 |  | 6,613,660 |  | 739,958 |  | - |  | 158,204,556 |  |  |
| Total All Funds | \$ | 153,359,455 | \$ | 6,614,362 | \$ | 512,621 | \$ | - | \$ | 160,486,438 | 4.65\% | 4.31\% |

Notes: (1) Represents net contributions in transit to/from the record keeper. (2) Source data provided by the record keeper, Great West Life
(3) 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
tribution Retirement - Participant
Schedule of Invested Assets with
Schedule of Investment Income and Changes in Invested Assets
By Month Through the Month Ended
July 31, 2013
\$ (Thousands)

| Invested Assets (At Fair Value) | July |  |
| :---: | :---: | :---: |
| Investments with Treasury Division |  |  |
| Cash and cash equivalents | \$ | 2,282 |
| Investments with T. Rowe Price |  |  |
| Alaska Money Market |  | 1,707 |
| Small-Cap Stock Fund |  | 17,849 |
| Long Term Balanced Fund |  | 5,396 |
| Alaska Balanced Fund |  | 206 |
| AK Target Date 2010 Trust |  | 369 |
| AK Target Date 2015 Trust |  | 1,492 |
| AK Target Date 2020 Trust |  | 3,088 |
| AK Target Date 2025 Trust |  | 4,133 |
| AK Target Date 2030 Trust |  | 4,416 |
| AK Target Date 2035 Trust |  | 7,017 |
| AK Target Date 2040 Trust |  | 7,583 |
| AK Target Date 2045 Trust |  | 13,699 |
| AK Target Date 2050 Trust |  | 18,269 |
| AK Target Date 2055 Trust |  | 2,383 |
| Investments with State Street Global Advisors |  |  |
| Money Market |  | 107 |
| S\&P 500 Stock Index Fund Series A |  | 15,919 |
| Russell 3000 Index |  | 7,067 |
| US Real Estate Investment Trust Index |  | 2,063 |
| World Equity Ex-US Index |  | 13,165 |
| Long US Treasury Bond Index |  | 93 |
| US Treasury Inflation Protected Sec Index |  | 868 |
| World Government Bond Ex-US Index |  | 1,902 |
| Global Balanced Fund |  | 6,849 |
| Investments with BlackRock |  |  |
| Government Bond Fund |  | 9,117 |
| Intermediate Bond Fund |  | 105 |
| Investments with Brandes Investment Partners |  |  |
| International Equity Fund Fee |  | 11,308 |
| Investments with RCM |  |  |
| Sustainable Opportunities Fund |  | 2,034 |
| Total Invested Assets | \$ | $\underline{\text { 160,486 }}$ |
| Change in Invested Assets |  |  |
| Beginning Assets | \$ | 153,359 |
| Investment Earnings |  | 6,614 |
| Net Contributions (Withdrawals) |  | 513 |
| Ending Invested Assets | \$ | 160,486 |

# ALASKA RETIREMENT MANAGEMENT BOARD 

FINANCIAL REPORT
(Supplement to the Treasury Division Report)
As of July 31, 2013

Prepared by the Division of Retirement \& Benefits

## ALASKA RETIREMENT MANAGEMENT BOARD

## SCHEDULE OF NON-INVESTMENT CHANGES BY FUND

## (Supplement to the Treasury Division Report

For the One Month Ending July 31, 2013

|  | EE and ER |  | State of Alaska |  | Other |  | Contributions |  | Benefits |  | Refunds |  | \& Investment |  | Expenditures |  | (Withdrawals) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Public Employees' Retirement System (PERS) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Defined Benefit Plans: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Retirement Trust | \$ | 29,691,892 | \$ | 176,793,907 | \$ | 464 | \$ | 206,486,263 | \$ | (51,406,741) | \$ | $(939,425)$ | \$ | $(3,933,887)$ | \$ | $(56,280,053)$ | \$ | 150,206,210 |
| Retirement Health Care Trust |  | 20,694,763 |  | 135,679,045 |  | 1,238 |  | 156,375,046 |  | $(31,179,100)$ |  | - |  | $(590,665)$ |  | $(31,769,765)$ |  | 124,605,281 |
| Total Defined Benefit Plans |  | 50,386,655 |  | 312,472,952 |  | 1,702 |  | 362,861,309 |  | $(82,585,841)$ |  | (939,425) |  | $(4,524,552)$ |  | (88,049,818) |  | 274,811,491 |
| Defined Contribution Plans: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Participant Directed Retirement |  | 8,771,169 |  | - |  | - |  | 8,771,169 |  | - |  | $(3,054,834)$ |  | $(20,268)$ |  | $(3,075,102)$ |  | 5,696,067 |
| Health Reimbursement Arrangement (a) |  | 2,357,049 |  | - |  | - |  | 2,357,049 |  | - |  | - |  | - |  | - |  | 2,357,049 |
| Retiree Medical Plan (a) |  | 350,384 |  | - |  | - |  | 350,384 |  | - |  | - |  | - |  | - |  | 350,384 |
| Occupational Death and Disability: (a) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Public Employees |  | 82,549 |  | - |  | - |  | 82,549 |  | $(5,333)$ |  | - |  | - |  | $(5,333)$ |  | 77,216 |
| Police and Firefighters |  | 77,598 |  | - |  | - |  | 77,598 |  | $(3,946)$ |  | - |  | - |  | $(3,946)$ |  | 73,652 |
| Total Defined Contribution Plans |  | 11,638,749 |  | - |  |  |  | 11,638,749 |  | $(9,279)$ |  | (3,054,834) |  | $(20,268)$ |  | $(3,084,381)$ |  | 8,554,368 |
| Total PERS |  | 62,025,404 |  | 312,472,952 |  | 1,702 |  | 374,500,058 |  | (82,595,120) |  | (3,994,259) |  | (4,544,820) |  | (91,134,199) |  | 283,365,859 |
| Teachers' Retirement System (TRS) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Defined Benefit Plans: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Retirement Trust |  | 936,701 |  | 208,890,798 |  | 525 |  | 209,828,024 |  | $(29,237,882)$ |  | $(364,273)$ |  | $(1,306,030)$ |  | $(30,908,185)$ |  | 178,919,839 |
| Retirement Health Care Trust |  | 2,703,840 |  | 107,956,493 |  | 404 |  | 110,660,737 |  | $(9,943,350)$ |  | - |  | $(210,036)$ |  | $(10,153,386)$ |  | 100,507,351 |
| Total Defined Benefit Plans |  | 3,640,541 |  | 316,847,291 |  | 929 |  | 320,488,761 |  | $(39,181,232)$ |  | (364,273) |  | $(1,516,066)$ |  | $(41,061,571)$ |  | 279,427,190 |
| Defined Contribution Plans: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Participant Directed Retirement |  | 1,944,777 |  | - |  |  |  | 1,944,777 |  | - |  | $(1,426,408)$ |  | $(5,748)$ |  | $(1,432,156)$ |  | 512,621 |
| Health Reimbursement Arrangement (a) |  | 335,003 |  | - |  | - |  | 335,003 |  | - |  | - |  | - |  | - |  | 335,003 |
| Retiree Medical Plan (a) |  | 68,418 |  | - |  | - |  | 68,418 |  | - |  | - |  | - |  | - |  | 68,418 |
| Occupational Death and Disability: (a) |  | 9 |  | - |  | - |  | 9 |  | - |  | - |  | - |  | - |  | 9 |
| Total Defined Contribution Plans |  | 2,348,207 |  | - |  |  |  | 2,348,207 |  | - |  | $(1,426,408)$ |  | (5,748) |  | $(1,432,156)$ |  | 916,051 |
| Total TRS |  | 5,988,748 |  | 316,847,291 |  | 929 |  | 322,836,968 |  | (39,181,232) |  | $(1,790,681)$ |  | $(1,521,814)$ |  | $\underline{(42,493,727)}$ |  | 280,343,241 |
| Judicial Retirement System (JRS) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Defined Benefit Plan Retirement Trust |  | 217,664 |  | 4,282,876 |  |  |  | 4,500,540 |  | $(871,637)$ |  | - |  | $(41,869)$ |  | $(913,506)$ |  | 3,587,034 |
| Defined Benefit Retirement Health Care Trust |  | 30,497 |  | 177,445 |  | 3 |  | 207,945 |  | $(131,772)$ |  | - |  | $(1,521)$ |  | $(133,293)$ |  | 74,652 |
| Total JRS |  | 248,161 |  | 4,460,321 |  | 3 |  | 4,708,485 |  | $(1,003,409)$ |  | - |  | $(43,390)$ |  | $(1,046,799)$ |  | 3,661,686 |
| National Guard/Naval Militia Retirement System (NGNMRS) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Defined Benefit Plan Retirement Trust (a) |  | 740,100 |  | - |  | - |  | 740,100 |  | $(205,897)$ |  | - |  | $(15,692)$ |  | $\underline{(221,589)}$ |  | 518,511 |
| Other Participant Directed Plans |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Supplemental Annuity Plan |  | 14,524,498 |  | - |  | - |  | 14,524,498 |  | - |  | $(16,892,794)$ |  | $(39,346)$ |  | (16,932,140) |  | (2,407,642) |
| Deferred Compensation Plan |  | 5,073,009 |  | - |  | - |  | 5,073,009 |  | - |  | $(5,356,567)$ |  | $(39,453)$ |  | $(5,396,020)$ |  | $\stackrel{(323,011)}{ }$ |
| Total All Funds |  | 88,599,920 |  | 633,780,564 |  | 2,634 |  | 722,383,118 |  | (122,985,658) |  | $(28,034,301)$ |  | $(6,204,515)$ |  | $(157,224,474)$ |  | 565,158,644 |
| Total Non-Participant Directed |  | 58,286,467 |  | 633,780,564 |  | 2,634 |  | 692,069,665 |  | $(122,985,658)$ |  | $(1,303,698)$ |  | $(6,099,700)$ |  | $(130,389,056)$ |  | 561,680,609 |
| Total Participant Directed |  | 30,313,453 |  | - |  | - |  | 30,313,453 |  | - |  | $(26,730,603)$ |  | $(104,815)$ |  | $(26,835,418)$ |  | 3,478,035 |
| Total All Funds |  | 88,599,920 | \$ | 633,780,564 | \$ | 2,634 | \$ | 722,383,118 | \$ | (122,985,658) | \$ | $(28,034,301)$ | \$ | $(6,204,515)$ | \$ | $\underline{(157,224,474)}$ | \$ | 565,158,644 |

(a) Employer only contributions.

## ALASKA RETIREMENT MANAGEMENT BOARD

## SCHEDULE OF NON-INVESTMENT CHANGES BY FUND

## (Supplement to the Treasury Division Report

For the Month Ended July 31, 2013

(a) Employer only contributions

