# ALASKA RETIREMENT MANAGEMENT BOARD 

FINANCIAL REPORT
As of October 31, 2013

## ALASKA RETIREMENT MANAGEMENT BOARD

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

For the Four Months Ending October 31, 2013


## 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.aspx

## ALASKA RETIREMENT MANAGEMENT BOARD

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

For the Month Ended October 31, 2013

## Public Employees' Retirement System (PERS)

Defined Benefit Plans:
Retirement Trust
Retirement Health Care Trust Total Defined Benefit Plans

Defined Contribution Plans:
Participant Directed Retirement
Health Reimbursement Arrangement
Retiree Medical Plan
Defined Benefit Occupational Death and Disability: Public Employees
Police and Firefighters
Total Defined Contribution Plans

## Total PERS

Teachers' Retirement System (TRS)
Defined Benefit Plans:
Retirement Trust
Retirement Health Care Trust Total Defined Benefit Plans
Defined Contribution Plans:
Participant Directed Retirement
Health Reimbursement Arrangement
Retiree Medical Plan
Defined Benefit Occupational Death and Disability Total Defined Contribution Plans

## Total TRS

Judicial Retirement System (JRS)
Defined Benefit Plan Retirement Trust
Defined Benefit Retirement Health Care Trust

## Total JRS

National Guard/Naval Militia Retirement System (MRS)
Defined Benefit Plan Retirement Trust

## Other Participant Directed Plans

Supplemental Annuity Plan
Deferred Compensation Plan

## Total All Funds

Total Non-Participant Directed
Total Participant Directed
Total All Funds

| Beginning InvestedAssets |  | Investment Income <br> (1) |  | Net Contributions (Withdrawals) |  | Ending Invested Assets |  | \% Change in Invested Assets | to Investmen Income ${ }^{(2)}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 7,126,006,478 | \$ | 189,588,496 | \$ | $(21,753,437)$ | \$ | 7,293,841,537 | 2.36\% | 2.66\% |
|  | 6,278,710,311 |  | 163,967,007 |  | (12,341,360) |  | 6,430,335,958 | 2.41\% | 2.61\% |
|  | 13,404,716,789 |  | 353,555,503 |  | $(34,094,797)$ |  | 13,724,177,495 | 2.38\% | 2.64\% |
|  | 382,814,743 |  | 13,072,147 |  | 7,946,691 |  | 403,833,581 | 5.49\% | 3.38\% |
|  | 118,587,789 |  | 3,121,189 |  | 2,712,303 |  | 124,421,281 | 4.92\% | 2.60\% |
|  | 22,482,112 |  | 590,573 |  | 381,450 |  | 23,454,135 | 4.32\% | 2.60\% |
|  | 8,710,796 |  | 228,821 |  | 137,096 |  | 9,076,713 | 4.20\% | 2.61\% |
|  | 3,907,374 |  | 102,765 |  | 91,688 |  | 4,101,827 | 4.98\% | 2.60\% |
|  | 536,502,814 |  | 17,115,495 |  | 11,269,228 |  | 564,887,537 | 5.29\% | 3.16\% |
|  | 13,941,219,603 |  | 370,670,998 |  | (22,825,569) |  | 14,289,065,032 | 2.50\% | 2.66\% |
|  | 3,570,866,764 |  | 94,936,312 |  | $(24,942,459)$ |  | 3,640,860,617 | 1.96\% | 2.67\% |
|  | 2,067,871,103 |  | 53,958,173 |  | $(8,210,126)$ |  | 2,113,619,150 | 2.21\% | 2.61\% |
|  | 5,638,737,867 |  | 148,894,485 |  | $(33,152,585)$ |  | 5,754,479,767 | 2.05\% | 2.65\% |
|  | 163,132,079 |  | 5,517,034 |  | 3,121,643 |  | 171,770,756 | 5.30\% | 3.35\% |
|  | 37,113,541 |  | 973,290 |  | 776,979 |  | 38,863,810 | 4.72\% | 2.60\% |
|  | 9,280,982 |  | 243,020 |  | 118,965 |  | 9,642,967 | 3.90\% | 2.60\% |
|  | 2,733,072 |  | 71,375 |  |  |  | 2,804,447 | 2.61\% | 2.61\% |
|  | 212,259,674 |  | 6,804,719 |  | 4,017,587 |  | 223,081,980 | 5.10\% | 3.18\% |
|  | 5,850,997,541 |  | 155,699,204 |  | (29,134,998) |  | 5,977,561,747 | 2.16\% | 2.67\% |
|  | 127,859,514 |  | 3,397,908 |  | $(446,094)$ |  | 130,811,328 | 2.31\% | 2.66\% |
|  | 23,774,009 |  | 619,612 |  | $(163,814)$ |  | 24,229,807 | 1.92\% | 2.62\% |
|  | 151,633,523 |  | 4,017,520 |  | $(609,908)$ |  | 155,041,135 | 2.25\% | 2.65\% |
|  | 35,940,270 |  | 826,570 |  | $(172,877)$ |  | 36,593,963 | 1.82\% | 2.31\% |
|  | 3,023,850,177 |  | 70,381,372 |  | 1,715,852 |  | 3,095,947,401 | 2.38\% | 2.33\% |
|  | 713,752,119 |  | 17,915,528 |  | $(649,295)$ |  | 731,018,352 | 2.42\% | 2.51\% |
|  | 23,717,393,233 |  | 619,511,192 |  | $(51,676,795)$ |  | 24,285,227,630 |  |  |
|  | 19,433,844,115 |  | 512,625,111 |  | $(63,811,686)$ |  | 19,882,657,540 | 2.31\% | 2.64\% |
|  | 4,283,549,118 |  | 106,886,081 |  | 12,134,891 |  | 4,402,570,090 | 2.78\% | 2.49\% |
| \$ | 23,717,393,233 | \$ | 619,511,192 | \$ | $(51,676,795)$ |  | 24,285,227,630 | 2.39\% | 2.61\% |

Notes:
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PUBLIC EMPLOYEES' RETIREMENT TRUST FUND
As of October 31, 2013


## PUBLIC EMPLOYEES' RETIREE HEALTH CARE TRUST FUND

As of October 31, 2013


# TEACHERS' RETIREMENT TRUST FUND 

As of October 31, 2013


TEACHERS' RETIREE HEALTH CARE TRUST FUND
As of October 31, 2013


## JUDICIAL RETIREMENT TRUST FUND

As of October 31, 2013


JUDICIAL RETIREE HEALTH CARE TRUST FUND
As of October 31, 2013


## MILITARY RETIREMENT TRUST FUND

As of October 31, 2013


## ALASKA RETIREMENT MANAGEMENT BOARD

Reporting of Funds by Manager

All Non-Participant Directed Plans


## Short-Term Fixed Income Pool Total Cash <br> Fixed Income <br> US Treasury Fixed Income <br> International Fixed Income Pool <br> Mondrian Investment Partners <br> High Yield Pool <br> MacKay Shields, LLC <br> Emerging Debt Pool <br> Lazard Emerging Income <br> Municipal Bond Pool <br> Western Asset Management Co <br> Guggenheim Partners, LLC <br> Total Municipal Bond Pool <br> Total Fixed Income <br> (cont.)

| Beginning Invested Assets |  | Total Investment Income |  | Net Contributions (Withdrawals) \& Transfers In (Out) |  | Ending Invested Assets |  | \% increase <br> (decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 565,253,995 | \$ | 156,941 | \$ | 44,981,409 | \$ | 610,392,345 | 7.99\% |
|  | 565,253,995 |  | 156,941 |  | 44,981,409 |  | 610,392,345 | 7.99\% |
|  | 1,384,345,160 |  | 5,561,043 |  | (125,000,000) |  | 1,264,906,203 | -8.63\% |
|  | 364,420,876 |  | 4,999,814 |  | - |  | 369,420,690 | 1.37\% |
|  | 521,131,393 |  | 11,440,351 |  | - |  | 532,571,744 | 2.20\% |
|  | 153,752,610 |  | 2,357,250 |  | - |  | 156,109,860 | 1.53\% |
|  | - |  | 153,504 |  | 100,000,000 |  | 100,153,504 | 100.00\% |
|  | - |  | 256,159 |  | 25,000,000 |  | 25,256,159 | 100.00\% |
|  | - |  | 409,663 |  | 125,000,000 |  | 125,409,663 |  |
|  | 2,423,650,039 |  | 24,768,121 |  | - |  | 2,448,418,160 | 1.02\% |

# 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 October 31, 2013 

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


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


| 15,953,400 | 324,486 | - | 16,277,886 | 2.03\% |
| :---: | :---: | :---: | :---: | :---: |
| 56,931,325 | 1,852,728 | - | 58,784,053 | 3.25\% |
| 72,884,725 | 2,177,214 | - | 75,061,939 | 2.99\% |
| - | - | - | - |  |
| 93,065,508 | 3,306,858 | - | 96,372,366 | 3.55\% |
| 169,567,938 | 3,528,351 | - | 173,096,289 | 2.08\% |
| 176,797,363 | 5,531,404 | - | 182,328,767 | 3.13\% |
| 148,184,303 | 1,316,720 | - | 149,501,023 | 0.89\% |
| 162,964,369 | 6,493,538 |  | 169,457,907 | 3.98\% |
| 94,378,812 | 3,534,442 | - | 97,913,254 | 3.74\% |
| 9,922,753 | 276,759 | - | 10,199,512 | 2.79\% |
| $(117,657)$ | 5 | - | $(117,652)$ | 0.00\% |
| 167,163,138 | 7,175,864 | - | 174,339,002 | 4.29\% |
| 116,692,727 | $(308,721)$ | - | 116,384,006 | -0.26\% |
| 1,138,619,254 | 30,855,220 | - | 1,169,474,474 | 2.71\% |
| 1,211,503,979 | 33,032,434 |  | 1,244,536,413 | 2.73\% |


| 1,139,864,916 | 50,431,646 | - | 1,190,296,562 | 4.42\% |
| :---: | :---: | :---: | :---: | :---: |
| 1,153,453,851 | 50,599,315 | - | 1,204,053,166 | 4.39\% |
| 496,453,984 | 23,758,649 | - | 520,212,633 | 4.79\% |
| 2,789,772,751 | 124,789,610 | - | 2,914,562,361 | 4.47\% |
| 135,881 | 5 | $(135,879)$ | 7 | -100.00\% |
| 388,214,602 | 15,897,933 | - | 404,112,535 | 4.10\% |
| 293,046,222 | 13,427,822 | - | 306,474,044 | 4.58\% |
| 288,514,666 | 9,922,021 | - | 298,436,687 | 3.44\% |
| 281,232,693 | 11,986,678 | 135,879 | 293,355,250 | 4.31\% |
| 297,578,537 | 13,523,938 | - | 311,102,475 | 4.54\% |
| 11,468,834 | 501,117 | - | 11,969,951 | 4.37\% |
| 1,560,191,435 | 65,259,514 | - | 1,625,450,949 | 4.18\% |
| 4,349,964,186 | 190,049,124 | - | 4,540,013,310 | 4.37\% |
| 5,561,468,165 | 223,081,558 | - | 5,784,549,723 | 4.01\% |

# 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 October 31, 2013 

|  |  | Beginning Invested Assets | Total Investment Income | Net Contributions (Withdrawals) \& Transfers In (Out) | Ending Invested Assets | \% increase <br> (decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alternative Equity Strategies |  |  |  |  |  |  |
| Alternative Equity Strategy Pool |  |  |  |  |  |  |
| 4J | Relational Investors, LLC | 279,586,010 | 14,606,977 | $(46,188,440)$ | 248,004,547 | -11.30\% |
| 4W/4X | Analytic Buy Write Account | 121,091,967 | 4,299,352 | - | 125,391,319 | 3.55\% |
| 4Y | Allianz Global Investors Buy-Write Account | 82,658,155 | 124,941 | - | 82,783,096 | 0.15\% |
| 5E | ARMB Equity Yield Strategy | 114,368,727 | 5,583,144 | - | 119,951,871 | 4.88\% |
|  | Total Alternative Equity Strategy Pool | 597,704,859 | 24,614,414 | $(46,188,440)$ | 576,130,833 | -3.61\% |
| Convertible Bond Pool |  |  |  |  |  |  |
| 52 | Advent Capital | 133,022,955 | 1,912,989 | - | 134,935,944 | 1.44\% |
|  | Total Alternative Equity Strategies | 730,727,814 | 26,527,403 | $(46,188,440)$ | 711,066,777 | -2.69\% |
| Global Equities Ex US |  |  |  |  |  |  |
| Small Cap Pool |  |  |  |  |  |  |
| 5B | Mondrian Investment Partners | 146,069,861 | 2,625,654 | - | 148,695,515 | 1.80\% |
| 5D | Schroder Investment Management | 143,642,357 | 5,849,690 | - | 149,492,047 | 4.07\% |
|  | Total Small Cap | 289,712,218 | 8,475,344 | - | 298,187,562 | 2.93\% |
| Large Cap Pool |  |  |  |  |  |  |
| 65 | Brandes Investment Partners | 976,729,196 | 42,806,771 | - | 1,019,535,967 | 4.38\% |
| 58 | Lazard Freres | 461,878,333 | 21,046,848 | - | 482,925,181 | 4.56\% |
| 67 | Cap Guardian Trust Co | 762,419,373 | 23,813,771 | - | 786,233,144 | 3.12\% |
| 68 | State Street Global Advisors | 606,866,621 | 21,774,369 | - | 628,640,990 | 3.59\% |
| 69 | McKinley Capital Management | 339,351,440 | 16,414,576 | - | 355,766,016 | 4.84\% |
| 6 U | Blackrock ACWI Ex-US IMI | 607,626,471 | 21,901,103 | - | 629,527,574 | 3.60\% |
|  | Total Large Cap | 3,754,871,434 | 147,757,438 | - | 3,902,628,872 | 3.94\% |
| Emerging Markets Equity Pool ( (1) |  |  |  |  |  |  |
| 6P | Lazard Asset Management | 346,416,361 | 19,093,815 | - | 365,510,176 | 5.51\% |
| 6Q | Eaton Vance | 214,532,353 | 9,321,162 | - | 223,853,515 | 4.34\% |
|  | Total Emerging Markets Pool A | 560,948,714 | 28,414,977 | - | 589,363,691 | 5.07\% |
|  | Total Global Equities | 4,605,532,366 | 184,647,759 | - | 4,790,180,125 | 4.01\% |
| Private Equity Pool |  |  |  |  |  |  |
| 7Y | Warburg Pincus Prvt Eqty XI | 6,282,186 | 2 | 210,000 | 6,492,188 | 3.34\% |
| 7Z | Merit Capital Partners | 11,494,993 | 1 | $(155,424)$ | 11,339,570 | -1.35\% |
| 98 | Pathway Capital Management LLC | 766,679,262 | 5,295,059 | $(1,593,903)$ | 770,380,418 | 0.48\% |
| 85 | Abbott Capital | 710,589,475 | 12,444,814 | $(7,671,326)$ | 715,362,963 | 0.67\% |
| 8A | Blum Capital Partners-Strategic | 10,019,649 | (7) | $(718,479)$ | 9,301,163 | -7.17\% |
| 8P | Lexington Partners | 47,645,513 | (15) | $(1,106,719)$ | 46,538,779 | -2.32\% |
| 8Q | Onex Partnership III | 21,218,137 | - | - | 21,218,137 | 0.00\% |
| 8 W | Warburg Pincus X | 24,913,574 | $(1,179)$ | $(44,849)$ | 24,867,546 | -0.18\% |
| 8X | Angelo, Gordon \& Co. | 12,279,566 | - | $(568,980)$ | 11,710,586 | -4.63\% |
|  | Total Private Equity | 1,611,122,355 | 17,738,675 | $(11,649,680)$ | 1,617,211,350 | 0.38\% |
|  | (cont.) |  |  |  |  |  |

# 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 October 31, 2013 

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

## Real Assets <br> Farmland Pool A

UBS Agrivest, LLC
Hancock Agricultural Investment Group Total Farmland Pool A
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
EIG Energy Fund XVI
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) |
| :---: | :---: | :---: | :---: | :---: |
| 257,456,092 | 188,033 | - | 257,644,125 | 0.07\% |
| 262,090,404 | 2,620,389 | - | 264,710,793 | 1.00\% |
| 836,928 | $(51,384)$ | $(393,089)$ | 392,455 | -53.11\% |
| 224,098,273 | 1,176,886 | $(32,000,000)$ | 193,275,159 | -13.75\% |
| 744,481,697 | 3,933,924 | $(32,393,089)$ | 716,022,532 | -3.82\% |
| 457,856,431 | 86 | 250,000 | 458,106,517 | 0.05\% |
| 264,972,121 | - | - | 264,972,121 | 0.00\% |
| 722,828,552 | 86 | 250,000 | 723,078,638 | 0.03\% |
| 181,118,880 | 1,693,842 | - | 182,812,722 | 0.94\% |
| 86,394,701 | 174,803 | - | 86,569,504 | 0.20\% |
| 267,513,581 | 1,868,645 | - | 269,382,226 | 0.70\% |
| 42,441,018 | 244,591 | (7,000,000) | 35,685,609 | -15.92\% |
| 7,786,536 | $(73,766)$ | - | 7,712,770 | -0.95\% |
| 51,794,349 | $(510,505)$ | - | 51,283,844 | -0.99\% |
| - | - | 7,000,000 | 7,000,000 |  |
| 102,021,903 | $(339,680)$ | - | 101,682,223 | -0.33\% |
| 313,646,092 | 13,151,755 | - | 326,797,847 | 4.19\% |
| 33,751,309 | 202,966 | - | 33,954,275 | 0.60\% |
| 177,233,281 | 3,316,719 | - | 180,550,000 | 1.87\% |
| 186,066,476 | 4,975,737 | - | 191,042,213 | 2.67\% |
| 363,299,757 | 8,292,456 | - | 371,592,213 | 2.28\% |

# 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 October 31, 2013 

Core Commingled Accounts
JP Morgan
UBS Trumbull Property Fund
Total Core Commingled

BS Trumbull Property Fund 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 | Total | Net Contributions | Ending |
| :---: | :---: | :---: | :---: |
| Invested | Investment | (Withdrawals) \& | Invested |
| Assets | Income | Transfers In (Out) | Assets |
|  |  |  |  |


|  | 196,444,975 |  | 5,002,701 |  | $(2,320,152)$ |  | 199,127,524 | 1.37\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 79,754,315 |  | 2,199,337 |  | $(581,439)$ |  | 81,372,213 | 2.03\% |
|  | 276,199,290 |  | 7,202,038 |  | $(2,901,591)$ |  | 280,499,737 | 1.56\% |
|  | 142,558,019 |  | 18 |  | $(285,491)$ |  | 142,272,546 | -0.20\% |
|  | 194,634,976 |  | 32 |  | 902,899 |  | 195,537,907 | 0.46\% |
|  | 149,886,632 |  | (3) |  | $(586,531)$ |  | 149,300,098 | -0.39\% |
|  | 277,824,626 |  | 45 |  | $(1,317,508)$ |  | 276,507,163 | -0.47\% |
|  | 764,904,253 |  | 92 |  | $(1,286,631)$ |  | 763,617,714 | -0.17\% |
|  | 14,027,535 |  | - |  | - |  | 14,027,535 | 0.00\% |
|  | 2,751,177 |  | - |  |  |  | 2,751,177 | 0.00\% |
|  | 5,082,467 |  | $(89,713)$ |  | - |  | 4,992,754 | -1.77\% |
|  | 71,704,851 |  | - |  | - |  | 71,704,851 | 0.00\% |
|  | 19,735,140 |  | (4) |  | $(671,258)$ |  | 19,063,878 | -3.40\% |
|  | 62,887,535 |  | - |  | - |  | 62,887,535 | 0.00\% |
|  | 17,935,544 |  | - |  | - |  | 17,935,544 | 0.00\% |
|  | 30,114,207 |  | 7 |  | $(435,348)$ |  | 29,678,866 | -1.45\% |
|  | 25,869,809 |  | 485,880 |  | - |  | 26,355,689 | 1.88\% |
|  | 8,797,376 |  | - |  | - |  | 8,797,376 | 0.00\% |
|  | 26,795,854 |  | 996,198 |  | $(3,623)$ |  | 27,788,429 | 3.70\% |
|  | 20,172,366 |  | - |  | - |  | 20,172,366 | 0.00\% |
|  | 20,035,399 |  | 4 |  | (13,513,435) |  | 6,521,968 | -67.45\% |
|  | 21,533,687 |  | - |  | - |  | 21,533,687 | 0.00\% |
|  | 347,442,947 |  | 1,392,372 |  | (14,623,664) |  | 334,211,655 | -3.81\% |
|  | 1,388,546,490 |  | 8,594,502 |  | $(18,811,886)$ |  | 1,378,329,106 | -0.74\% |
|  | 3,191,607,684 |  | 31,770,730 |  | $(18,561,886)$ |  | 3,204,816,528 | 0.41\% |
| \$ | 19,433,844,115 | \$ | 512,625,111 | \$ | $(63,811,686)$ | \$ | 19,882,657,540 | 2.31\% |

(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 II
(4) Previously titled Lehman Brothers Real Estate Partners III
(5) Previously titled Rothschild Five Arrows Reality Securities IV
(6) Previously titled Rothschild Five Arrows Reality Securities V

## ALASKA RETIREMENT MANAGEMENT BOARD

Participant Directed Plans

## \section*{Supplemental Annuity Plan} <br> Schedule of Investment Income and Changes in Invested Assets <br> for the Month Ended <br> October 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 | \$ | 7,774,119 \$ | 952 | \$ | $(6,636,767)$ | \$ | - \$ | 1,138,304 | -85.36\% | 0.02\% |
| Participant Options |  |  |  |  |  |  |  |  |  |  |
| T. Rowe Price |  |  |  |  |  |  |  |  |  |  |
| Stable Value Fund |  | 353,860,118 | 643,224 |  | $(290,251)$ |  | $(5,110,764)$ | 349,102,327 | -1.34\% | 0.18\% |
| Small Cap Stock Fund |  | 123,647,179 | 3,845,555 |  | 299,344 |  | 3,287,263 | 131,079,340 | 6.01\% | 3.07\% |
| Alaska Balanced Trust |  | 1,142,412,246 | 21,756,834 |  | 940,401 |  | $(312,556)$ | 1,164,796,924 | 1.96\% | 1.90\% |
| Long Term Balanced Fund |  | 458,146,138 | 12,457,064 |  | 2,573,061 |  | $(385,957)$ | 472,790,306 | 3.20\% | 2.71\% |
| AK Target Date 2010 Trust |  | 7,114,057 | 186,341 |  | 34,171 |  | 1,098,230 | 8,432,800 | 18.54\% | 2.43\% |
| AK Target Date 2015 Trust |  | 97,850,640 | 2,570,736 |  | 391,562 |  | 585,349 | 101,398,288 | 3.63\% | 2.61\% |
| AK Target Date 2020 Trust |  | 50,536,950 | 1,482,234 |  | 473,626 |  | 936,019 | 53,428,828 | 5.72\% | 2.89\% |
| AK Target Date 2025 Trust |  | 29,865,834 | 931,958 |  | 432,104 |  | $(357,110)$ | 30,872,786 | 3.37\% | 3.12\% |
| AK Target Date 2030 Trust |  | 17,134,611 | 602,625 |  | 550,709 |  | 933,855 | 19,221,801 | 12.18\% | 3.37\% |
| AK Target Date 2035 Trust |  | 15,285,765 | 551,653 |  | 437,980 |  | 196,302 | 16,471,701 | 7.76\% | 3.54\% |
| AK Target Date 2040 Trust |  | 16,623,497 | 599,945 |  | 483,876 |  | $(471,060)$ | 17,236,259 | 3.69\% | 3.61\% |
| AK Target Date 2045 Trust |  | 17,313,693 | 644,342 |  | 721,188 |  | 38,430 | 18,717,653 | 8.11\% | 3.64\% |
| AK Target Date 2050 Trust |  | 17,653,596 | 655,756 |  | 787,174 |  | 339,295 | 19,435,820 | 10.10\% | 3.60\% |
| AK Target Date 2055 Trust |  | 10,309,995 | 387,255 |  | 527,982 |  | $(145,057)$ | 11,080,175 | 7.47\% | 3.69\% |
| Total Investments with T. Rowe Price |  | 2,357,754,320 | 47,315,522 |  | 8,362,927 |  | 632,238 | 2,414,065,007 |  |  |
| State Street Global Advisors |  |  |  |  |  |  |  |  |  |  |
| State Street Treasury Money Market Fund - Inst. |  | 38,459,965 | 1 |  | $(389,049)$ |  | $(91,549)$ | 37,979,368 | -1.25\% | 0.00\% |
| S\&P 500 Stock Index Fund Series A |  | 279,251,100 | 12,713,889 |  | $(356,303)$ |  | $(67,145)$ | 291,541,541 | 4.40\% | 4.56\% |
| Russell 3000 Index |  | 35,472,197 | 1,529,143 |  | 189,976 |  | 2,773,454 | 39,964,770 | 12.67\% | 4.14\% |
| US Real Estate Investment Trust Index |  | 27,299,582 | 1,000,814 |  | 123,217 |  | $(1,312,962)$ | 27,110,652 | -0.69\% | 3.75\% |
| World Equity Ex-US Index |  | 25,952,491 | 958,159 |  | 147,366 |  | 439,240 | 27,497,256 | 5.95\% | 3.65\% |
| Long US Treasury Bond Index |  | 8,999,075 | 114,653 |  | 51,490 |  | $(1,219,744)$ | 7,945,474 | -11.71\% | 1.36\% |
| US Treasury Inflation Protected Securities Index |  | 17,410,724 | 94,282 |  | 13,757 |  | $(557,578)$ | 16,961,185 | -2.58\% | 0.55\% |
| World Government Bond Ex-US Index |  | 7,828,837 | 91,534 |  | $(29,896)$ |  | 420,133 | 8,310,609 | 6.15\% | 1.14\% |
| Global Balanced Fund |  | 54,953,664 | 1,506,202 |  | $(148,579)$ |  | $(1,060,864)$ | 55,250,424 | 0.54\% | 2.77\% |
| Total Investments with SSGA |  | 495,627,635 | 18,008,677 |  | $(398,021)$ |  | $(677,014)$ | 512,561,278 |  |  |
| BlackRock |  |  |  |  |  |  |  |  |  |  |
| Government/Credit Bond Fund |  | 44,995,164 | 401,011 |  | $(142,729)$ |  | $(1,200,284)$ | 44,053,161 | -2.09\% | 0.90\% |
| Intermediate Bond Fund |  | 13,996,073 | 49,024 |  | 65,719 |  | $(164,577)$ | 13,946,239 | -0.36\% | 0.35\% |
| Total Investments with Barclays Global Investors |  | 58,991,237 | 450,034 |  | $(77,010)$ |  | $(1,364,862)$ | 57,999,400 |  |  |
| Brandes Institutional |  |  |  |  |  |  |  |  |  |  |
| International Equity Fund Fee |  | 70,085,777 | 3,086,133 |  | 302,037 |  | 1,305,269 | 74,779,216 | 6.70\% | 4.35\% |
| RCM |  |  |  |  |  |  |  |  |  |  |
| Sustainable Core Opportunities Fund |  | 33,617,090 | 1,520,054 |  | 162,685 |  | 104,369 | 35,404,197 | 5.32\% | 4.50\% |
| Total All Funds | \$ | 3,023,850,178 $\$$ | 70,381,372 | \$ | 1,715,852 |  | - ${ }^{\text {d }}$ | 3,095,947,402 | 2.38\% | 2.33\% |

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.

## chedule of Investment Income and Changes in Invested Asset

By Month Through the Month Ended

## October 31, 2013

## \$ (Thousands)

nvested Assets (at fair value)
Investments with Treasury Division
Cash and cash equivalents
Investments with T. Rowe Price
Stable Value Fund
Small Cap Stock Fund
Alaska Balanced Trust
Long Term 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

State Street Global Advisors
State Street Treasury Money Market Fund - Inst 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 Securities Index
World Government Bond Ex-US Index
Global Balanced Fund

Investments with BlackRock
Government/Credit Bond Fund Intermediate Bond Fund
nvestments with Brandes Institutional
International Equity Fund Fee
nvestments with RCM
Sustainable Core Opportunities Fund
Total Invested Assets

Change in Invested Assets
Beginning Assets
Investment Earning
Net Contributions (Withdrawals)
Ending Invested Assets

| July |  | August |  | September |  | October |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 6,963 | \$ | 8,002 | \$ | 7,774 | \$ | 1,138 |
|  | 342,163 |  | 341,965 |  | 353,860 |  | 349,102 |
|  | 119,871 |  | 119,590 |  | 123,647 |  | 131,079 |
|  | 1,145,537 |  | 1,125,332 |  | 1,142,412 |  | 1,164,797 |
|  | 447,174 |  | 442,185 |  | 458,146 |  | 472,790 |
|  | 7,235 |  | 7,455 |  | 7,114 |  | 8,433 |
|  | 97,964 |  | 96,565 |  | 97,851 |  | 101,398 |
|  | 48,561 |  | 47,667 |  | 50,537 |  | 53,429 |
|  | 30,232 |  | 29,289 |  | 29,866 |  | 30,873 |
|  | 14,847 |  | 15,993 |  | 17,135 |  | 19,222 |
|  | 14,419 |  | 14,608 |  | 15,286 |  | 16,472 |
|  | 15,673 |  | 15,644 |  | 16,623 |  | 17,236 |
|  | 16,055 |  | 16,241 |  | 17,314 |  | 18,718 |
|  | 16,248 |  | 16,509 |  | 17,654 |  | 19,436 |
|  | 9,471 |  | 9,697 |  | 10,310 |  | 11,080 |
|  | 36,430 |  | 37,668 |  | 38,460 |  | 37,979 |
|  | 284,037 |  | 275,135 |  | 279,251 |  | 291,542 |
|  | 33,378 |  | 33,573 |  | 35,472 |  | 39,965 |
|  | 34,248 |  | 29,016 |  | 27,300 |  | 27,111 |
|  | 23,860 |  | 23,712 |  | 25,952 |  | 27,497 |
|  | 9,537 |  | 8,831 |  | 8,999 |  | 7,945 |
|  | 17,978 |  | 17,536 |  | 17,411 |  | 16,961 |
|  | 7,183 |  | 7,527 |  | 7,829 |  | 8,311 |
|  | 54,784 |  | 53,706 |  | 54,954 |  | 55,250 |
|  | 45,356 |  | 44,798 |  | 44,995 |  | 44,053 |
|  | 15,160 |  | 14,182 |  | 13,996 |  | 13,946 |
|  | 64,109 |  | 64,506 |  | 70,086 |  | 74,779 |
|  | 33,172 |  | 32,118 |  | 33,617 |  | 35,404 |
| \$ | 2,991,647 | \$ | 2,949,049 | \$ | 3,023,850 | \$ | 3,095,947 |


| \$ | 2,916,434 | \$ | 2,991,647 | \$ | 2,949,049 | \$ | 3,023,850 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 77,620 |  | $(44,221)$ |  | 78,084 |  | 70,381 |
|  | $(2,408)$ |  | 1,623 |  | $(3,283)$ |  | 1,716 |
| \$ | $\underline{\text { 2,991,647 }}$ | \$ | 2,949,049 | \$ | 3,023,850 | \$ | 3,095,947 |

Deferred Compensation Plan
Schedule of Invested Assets and Changes in Invested Assets
for the Month Ended
October 31, 2013

|  | $\underset{\text { Assets }}{\text { Beginning Invested }}$ |  | Investment Income |  | Net Contributions (Withdrawals) |  | Transfers In (Out) |  | Ending Invested Assets | $\begin{gathered} \% \text { Change in } \\ \text { Invested } \\ \text { Assets } \\ \hline \end{gathered}$ | \% Change due to Investment Income (3) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Participant Options |  |  |  |  |  |  |  |  |  |  |  |
| T. Rowe Price |  |  |  |  |  |  |  |  |  |  |  |
| Interest Income Fund | \$ | 183,571,128 | \$ | 379,430 | \$ | $(346,469)$ | \$ | $(1,546,703)$ \$ | 182,057,386 | -0.82\% | 0.21\% |
| Small Cap Stock Fund |  | 91,092,813 |  | 2,870,434 |  | $(308,430)$ |  | 1,500,498 | 95,155,315 | 4.46\% | 3.13\% |
| Long Term Balanced Fund |  | 44,301,994 |  | 1,203,768 |  | 128,818 |  | $(36,924)$ | 45,597,656 | 2.92\% | 2.71\% |
| Alaska Balanced Trust |  | 12,404,968 |  | 241,913 |  | 137,568 |  | 185,218 | 12,969,667 | 4.55\% | 1.93\% |
| AK Target Date 2010 Trust |  | 2,234,672 |  | 59,099 |  | 10,894 |  | 486,245 | 2,790,910 | 24.89\% | 2.38\% |
| AK Target Date 2015 Trust |  | 7,232,561 |  | 184,409 |  | 97,957 |  | $(142,573)$ | 7,372,354 | 1.93\% | 2.56\% |
| AK Target Date 2020 Trust |  | 10,104,816 |  | 298,975 |  | 208,776 |  | 67,985 | 10,680,552 | 5.70\% | 2.92\% |
| AK Target Date 2025 Trust |  | 4,409,235 |  | 140,836 |  | 131,895 |  | 12,052 | 4,694,018 | 6.46\% | 3.14\% |
| AK Target Date 2030 Trust |  | 3,227,785 |  | 110,534 |  | 74,410 |  | $(82,458)$ | 3,330,271 | 3.18\% | 3.43\% |
| AK Target Date 2035 Trust |  | 2,026,106 |  | 73,349 |  | 52,749 |  | 143,887 | 2,296,091 | 13.33\% | 3.45\% |
| AK Target Date 2040 Trust |  | 2,014,794 |  | 69,104 |  | 71,078 |  | $(151,815)$ | 2,003,161 | -0.58\% | 3.50\% |
| AK Target Date 2045 Trust |  | 1,234,499 |  | 45,412 |  | 52,093 |  | $(11,024)$ | 1,320,980 | 7.01\% | 3.62\% |
| AK Target Date 2050 Trust |  | 805,712 |  | 29,616 |  | 25,969 |  | 199,092 | 1,060,389 | 31.61\% | 3.23\% |
| AK Target Date 2055 Trust |  | 1,301,080 |  | 44,441 |  | 18,251 |  | $(130,525)$ | 1,233,247 | -5.21\% | 3.57\% |
| Total Investments with T. Rowe Price |  | 365,962,163 |  | 5,751,320 |  | 355,559 |  | 492,955 | 372,561,997 |  |  |
| State Street Global Advisors |  |  |  |  |  |  |  |  |  |  |  |
| State Street Treasury Money Market Fund - Inst. |  | 12,367,928 |  | 1 |  | $(517,620)$ |  | $(159,291)$ | 11,691,018 | -5.47\% | 0.00\% |
| Russell 3000 Index |  | 12,587,524 |  | 530,507 |  | 140,747 |  | 232,266 | 13,491,044 | 7.18\% | 4.15\% |
| US Real Estate Investment Trust Index |  | 9,444,815 |  | 354,047 |  | 8,843 |  | $(411,556)$ | 9,396,149 | -0.52\% | 3.83\% |
| World Equity Ex-US Index |  | 8,809,908 |  | 323,147 |  | 90,401 |  | 92,486 | 9,315,942 | 5.74\% | 3.63\% |
| Long US Treasury Bond Index |  | 2,597,385 |  | 33,728 |  | $(27,142)$ |  | $(144,245)$ | 2,459,726 | -5.30\% | 1.34\% |
| US Treasury Inflation Protected Securities Index |  | 7,771,376 |  | 41,188 |  | 10,848 |  | $(313,621)$ | 7,509,791 | -3.37\% | 0.54\% |
| World Government Bond Ex-US Index |  | 2,779,377 |  | 33,181 |  | $(33,374)$ |  | 137,074 | 2,916,258 | 4.92\% | 1.17\% |
| Global Balanced Fund |  | 38,757,187 |  | 1,065,973 |  | 11,102 |  | $(367,806)$ | 39,466,456 | 1.83\% | 2.76\% |
| Total Investments with SSGA |  | 95,115,500 |  | 2,381,772 |  | $(316,195)$ |  | $(934,693)$ | 96,246,384 |  |  |
| BlackRock |  |  |  |  |  |  |  |  |  |  |  |
| S\&P 500 Index Fund |  | 151,689,990 |  | 6,922,056 |  | $(451,345)$ |  | 793,893 | 158,954,594 | 4.79\% | 4.56\% |
| Government/Credit Bond Fund |  | 28,732,614 |  | 252,496 |  | $(270,096)$ |  | $(499,096)$ | 28,215,918 | -1.80\% | 0.89\% |
| Intermediate Bond Fund |  | 14,961,039 |  | 52,731 |  | 11,705 |  | $(109,470)$ | 14,916,005 | -0.30\% | 0.35\% |
| Total Investments with Barclays Global Investors |  | 195,383,643 |  | 7,227,283 |  | $(709,736)$ |  | 185,327 | 202,086,517 |  |  |
| Brandes Institutional |  |  |  |  |  |  |  |  |  |  |  |
| International Equity Fund Fee |  | 43,336,160 |  | 1,925,174 |  | $(46,496)$ |  | 299,339 | 45,514,177 | 5.03\% | 4.43\% |
| RCM |  |  |  |  |  |  |  |  |  |  |  |
| Sustainable Core Opportunities Fund |  | 13,954,654 |  | 629,977 |  | 67,574 |  | $(42,928)$ | 14,609,277 | 4.69\% | 4.51\% |
| Total All Funds | \$ | 713,752,120 | \$ | 17,915,526 | \$ | $(649,294)$ | \$ | - \$ | 731,018,352 | 2.42\% | 2.51\% |

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

## October 31, 2013

\$ (Thousands)

## Invested Assets (at fair value)

Investments with T. Rowe Price Interest Income Fund
Cash and cash equivalents

Synthetic Investment Contracts
Small Cap Stock Fund
Long Term Balanced Fund
Alaska Balanced Trust
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

State Street Global Advisors
State Street Treasury Money Market Fund - Inst. Russell 3000 Index
US Real Estate Investment Trust Index
World Equity Ex-US Index
Long US Treasury Bond Index
US Treasury Inflation Protected Securities Index World Government Bond Ex-US Index
Global Balanced Fund
Investments with BlackRock
S\&P 500 Index Fund
Government/Credit Bond Fund
Intermediate Bond Fund
Investments with Brandes Institutional
International Equity Fund Fee
Investments with RCM
Sustainable Opportunities Fund
Total Invested Assets

## Change in Invested Assets

Beginning Assets
Investment Earnings
Net Contributions (Withdrawals)
Ending Invested Assets

July
August
September
October
$\qquad$
$\qquad$
$\qquad$

# Defined Contribution Retirement - Participant Directed PERS <br> Schedule of Investment Income and Changes in Invested Assets <br> for the Month Ended <br> October 31, 2013 

## Interim Transit Account

Treasury Division ${ }^{(\mathbf{1})}$
Cash and Cash Equivalents

## Participant Options

## T. Rowe Price

Alaska Money Market
Small Cap Stock Fund
Alaska Balanced Trust
Long Term 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 Securities Index
World Government Bond Ex-US Index
Global Balanced Fund
Total Investments with SSGA
BlackRock
Government/Credit Bond Fund
Intermediate Bond Fund
Total Investments with Barclays Global Investors
Brandes Institutional
International Equity Fund Fee
RCM
Sustainable Core Opportunities Fund

## Total All Funds

|  | Beginning Invested Assets | Investment Income | Net Contributions (Withdrawals) | Transfers In (Out) | Ending Invested Assets | \% Change in <br> Invested Assets | \% Change due to Investment Income (3) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 6,428,950 | 1,750 \$ | $(183,979)$ \$ | - \$ | 6,246,722 | -2.83\% | 0.03\% |
|  | 3,683,259 | 43 | 27,877 | $(80,469)$ | 3,630,710 | -1.43\% | 0.00\% |
|  | 44,173,538 | 1,401,896 | 484,718 | $(1,184,113)$ | 44,876,039 | 1.59\% | 3.20\% |
|  | 1,271,915 | 24,967 | 40,429 | 25,181 | 1,362,493 | 7.12\% | 1.91\% |
|  | 10,155,578 | 288,341 | 73,420 | 1,068,227 | 11,585,566 | 14.08\% | 2.69\% |
|  | 1,230,922 | 27,982 | 44,824 | 21 | 1,303,747 | 5.92\% | 2.23\% |
|  | 4,779,743 | 126,282 | 199,228 | 19,073 | 5,124,326 | 7.21\% | 2.58\% |
|  | 9,574,415 | 282,453 | 374,738 | $(3,173)$ | 10,228,433 | 6.83\% | 2.89\% |
|  | 13,764,825 | 442,116 | 517,227 | $(61,053)$ | 14,663,114 | 6.53\% | 3.16\% |
|  | 13,761,478 | 476,260 | 574,398 | $(59,514)$ | 14,752,622 | 7.20\% | 3.40\% |
|  | 15,365,070 | 556,089 | 533,230 | $(10,729)$ | 16,443,660 | 7.02\% | 3.56\% |
|  | 20,205,386 | 751,976 | 696,555 | $(8,562)$ | 21,645,355 | 7.13\% | 3.66\% |
|  | 24,125,887 | 896,573 | 976,692 | $(115,100)$ | 25,884,052 | 7.29\% | 3.65\% |
|  | 27,042,384 | 1,009,258 | 1,196,644 | $(45,791)$ | 29,202,496 | 7.99\% | 3.65\% |
|  | 11,794,142 | 442,396 | 628,432 | 19,396 | 12,884,366 | 9.24\% | 3.65\% |
|  | 200,928,542 | 6,726,632 | 6,368,410 | $(436,606)$ | 213,586,978 |  |  |
|  | 1,186,407 | 0 | $(46,426)$ | 54,018 | 1,193,999 | 0.64\% | 0.00\% |
|  | 42,527,286 | 1,967,963 | 518,646 | 95,422 | 45,109,316 | 6.07\% | 4.59\% |
|  | 16,960,092 | 745,117 | 179,979 | 1,046,342 | 18,931,530 | 11.62\% | 4.24\% |
|  | 5,717,765 | 231,635 | 83,657 | 99,176 | 6,132,232 | 7.25\% | 3.99\% |
|  | 33,351,918 | 1,241,872 | 347,800 | 1,345,092 | 36,286,682 | 8.80\% | 3.63\% |
|  | 396,945 | 5,260 | 11,586 | 1,158 | 414,950 | 4.54\% | 1.30\% |
|  | 2,204,695 | 12,168 | 15,385 | 76,722 | 2,308,970 | 4.73\% | 0.54\% |
|  | 4,166,074 | 47,509 | 12,848 | 93,284 | 4,319,713 | 3.69\% | 1.13\% |
|  | 10,043,354 | 275,478 | 76,231 | $(181,031)$ | 10,214,032 | 1.70\% | 2.76\% |
|  | 116,554,537 | 4,526,999 | 1,199,706 | 2,630,182 | 124,911,424 |  |  |
|  | 21,064,115 | 193,800 | 98,762 | 1,429,924 | 22,786,600 | 8.18\% | 0.89\% |
|  | 339,180 | 1,211 | 8,242 | 313 | 348,946 | 2.88\% | 0.35\% |
|  | 21,403,295 | 195,011 | 107,004 | 1,430,236 | 23,135,546 |  |  |
|  | 30,056,690 | 1,277,528 | 341,035 | $(3,693,284)$ | 27,981,969 | -6.90\% | 4.50\% |
|  | 7,442,729 | 344,227 | 114,514 | 69,472 | 7,970,941 | 7.10\% | 4.57\% |
| \$ | 382,814,743 | $\underline{13,072,147}$ \$ | $\underline{7,946,691}$ \$ | \$ | 403,833,581 | 5.49\% | 3.38\% |

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

## October 31, 2013

\$ (Thousands)

| Invested Assets (at fair value) | July |  | August |  | September |  | October |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Investments with Treasury Division |  |  |  |  |  |  |  |  |
| Cash and cash equivalents | \$ | 6,509 | \$ | 8,935 | \$ | 6,429 | \$ | 6,247 |
| Investments with T. Rowe Price |  |  |  |  |  |  |  |  |
| Alaska Money Market |  | 3,807 |  | 3,622 |  | 3,683 |  | 3,631 |
| Small Cap Stock Fund |  | 43,786 |  | 42,489 |  | 44,174 |  | 44,876 |
| Alaska Balanced Trust |  | 1,204 |  | 1,197 |  | 1,272 |  | 1,362 |
| Long Term Balanced Fund |  | 9,576 |  | 9,141 |  | 10,156 |  | 11,586 |
| AK Target Date 2010 Trust |  | 1,154 |  | 1,170 |  | 1,231 |  | 1,304 |
| AK Target Date 2015 Trust |  | 4,535 |  | 4,491 |  | 4,780 |  | 5,124 |
| AK Target Date 2020 Trust |  | 9,108 |  | 9,013 |  | 9,574 |  | 10,228 |
| AK Target Date 2025 Trust |  | 12,873 |  | 12,843 |  | 13,765 |  | 14,663 |
| AK Target Date 2030 Trust |  | 13,000 |  | 12,924 |  | 13,761 |  | 14,753 |
| AK Target Date 2035 Trust |  | 14,480 |  | 14,367 |  | 15,365 |  | 16,444 |
| AK Target Date 2040 Trust |  | 19,069 |  | 18,789 |  | 20,205 |  | 21,645 |
| AK Target Date 2045 Trust |  | 22,509 |  | 22,380 |  | 24,126 |  | 25,884 |
| AK Target Date 2050 Trust |  | 25,255 |  | 25,187 |  | 27,042 |  | 29,202 |
| AK Target Date 2055 Trust |  | 10,748 |  | 10,816 |  | 11,794 |  | 12,884 |
| State Street Global Advisors |  |  |  |  |  |  |  |  |
| Money Market |  | 1,123 |  | 1,216 |  | 1,186 |  | 1,194 |
| S\&P 500 Stock Index Fund Series A |  | 40,640 |  | 40,683 |  | 42,527 |  | 45,109 |
| Russell 3000 Index |  | 16,521 |  | 15,746 |  | 16,960 |  | 18,932 |
| US Real Estate Investment Trust Index |  | 5,659 |  | 5,440 |  | 5,718 |  | 6,132 |
| World Equity Ex-US Index |  | 30,062 |  | 30,157 |  | 33,352 |  | 36,287 |
| Long US Treasury Bond Index |  | 489 |  | 526 |  | 397 |  | 415 |
| US Treasury Inflation Protected Securities Index |  | 2,051 |  | 2,062 |  | 2,205 |  | 2,309 |
| World Government Bond Ex-US Index |  | 3,826 |  | 3,837 |  | 4,166 |  | 4,320 |
| Global Balanced Fund |  | 10,105 |  | 9,716 |  | 10,043 |  | 10,214 |
| Investments with BlackRock |  |  |  |  |  |  |  |  |
| Government/Credit Bond Fund |  | 18,735 |  | 19,304 |  | 21,064 |  | 22,787 |
| Intermediate Bond Fund |  | 358 |  | 329 |  | 339 |  | 349 |
| Investments with Brandes Institutional |  |  |  |  |  |  |  |  |
| International Equity Fund Fee |  | 31,724 |  | 30,379 |  | 30,057 |  | 27,982 |
| Investments with RCM |  |  |  |  |  |  |  |  |
| Sustainable Opportunities Fund |  | 6,369 |  | 6,847 |  | 7,443 |  | 7,971 |
| Total Invested Assets | \$ | 365,275 | \$ | 363,606 | \$ | 382,815 | \$ | 403,834 |
| Change in Invested Assets |  |  |  |  |  |  |  |  |
| Beginning Assets | \$ | 344,683 | \$ | 365,275 | \$ | 363,606 | \$ | 382,815 |
| Investment Earnings |  | 14,896 |  | $(7,398)$ |  | 15,627 |  | 13,072 |
| Net Contributions (Withdrawals) |  | 5,696 |  | 5,728 |  | 3,581 |  | 7,947 |
| Ending Invested Assets | \$ | 365,275 | \$ | 363,606 | \$ | 382,815 | \$ | 403,834 |

# Defined Contribution Retirement - Participant Directed TRS 

Schedule of Investment Income and Changes in Invested Assets
for the Month Ended
October 31, 2013

## Interim Transit Account

Treasury Division ${ }^{(\mathbf{1})}$
Cash and Cash Equivalents

## Participant Options

## T. Rowe Price

Alaska Money Market
Small Cap Stock Fund
Alaska Balanced Trust
Long Term 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 Securities Index
World Government Bond Ex-US Index
Global Balanced Fund
Total Investments with SSGA
BlackRock
Government/Credit Bond Fund
Intermediate Bond Fund
Total Investments with Barclays Global Investors
Brandes Institutional
International Equity Fund Fee
RCM
Sustainable Core Opportunities Fund

## Total All Funds

| Beginning InvestedAssets |  | Investment Income | Net Contributions (Withdrawals) | $\begin{gathered} \text { Transfers In } \\ \text { (Out) } \\ \hline \end{gathered}$ | Ending Invested Assets | \% Change in Invested Assets | \% Change due to Investment Income (3) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 2,193,651 \$ | 602 \$ | 179,488 \$ | - \$ | 2,373,741 | 8.21\% | 0.03\% |
|  | 1,471,394 | 17 | 28,904 | 20,566 | 1,520,881 | 3.36\% | 0.00\% |
|  | 17,498,635 | 551,230 | 140,231 | $(714,905)$ | 17,475,191 | -0.13\% | 3.20\% |
|  | 202,914 | 3,905 | (474) | 312 | 206,656 | 1.84\% | 1.93\% |
|  | 5,660,968 | 161,791 | 33,205 | 625,746 | 6,481,709 | 14.50\% | 2.70\% |
|  | 335,793 | 7,590 | $(5,068)$ | 17,979 | 356,293 | 6.10\% | 2.22\% |
|  | 1,541,229 | 40,485 | 1,939 | $(17,979)$ | 1,565,673 | 1.59\% | 2.64\% |
|  | 3,246,185 | 96,128 | 116,650 | - | 3,458,963 | 6.55\% | 2.91\% |
|  | 4,194,943 | 135,434 | 168,764 | $(2,203)$ | 4,496,937 | 7.20\% | 3.17\% |
|  | 4,523,216 | 156,750 | 187,859 | $(47,160)$ | 4,820,664 | 6.58\% | 3.41\% |
|  | 7,110,745 | 257,738 | 285,933 | (496) | 7,653,920 | 7.64\% | 3.55\% |
|  | 7,730,421 | 287,355 | 244,632 | $(18,585)$ | 8,243,822 | 6.64\% | 3.66\% |
|  | 14,006,350 | 519,854 | 386,027 | $(1,396)$ | 14,910,836 | 6.46\% | 3.66\% |
|  | 18,272,339 | 678,240 | 540,392 | - | 19,490,971 | 6.67\% | 3.66\% |
|  | 2,480,201 | 94,939 | 208,144 | - | 2,783,283 | 12.22\% | 3.67\% |
|  | 88,275,332 | 2,991,455 | 2,337,136 | $(138,122)$ | 93,465,801 |  |  |
|  | 105,834 | - | 882 | 1,991 | 108,708 | 2.72\% | 0.00\% |
|  | 15,799,846 | 720,361 | 149,400 | $(381,865)$ | 16,287,742 | 3.09\% | 4.59\% |
|  | 8,134,439 | 368,061 | 78,971 | 1,016,308 | 9,597,778 | 17.99\% | 4.24\% |
|  | 2,058,536 | 83,106 | 21,393 | 44,222 | 2,207,256 | 7.22\% | 3.97\% |
|  | 14,160,392 | 522,779 | 122,026 | 369,439 | 15,174,636 | 7.16\% | 3.63\% |
|  | 89,845 | 1,202 | 2,292 | (766) | 92,573 | 3.04\% | 1.33\% |
|  | 940,487 | 5,146 | 7,533 | 8,098 | 961,264 | 2.21\% | 0.54\% |
|  | 2,017,375 | 23,296 | 9,524 | 33,306 | 2,083,502 | 3.28\% | 1.14\% |
|  | 6,787,383 | 185,731 | 41,973 | $(114,578)$ | 6,900,509 | 1.67\% | 2.75\% |
|  | 50,094,136 | 1,909,681 | 433,996 | 976,154 | 53,413,967 |  |  |
|  | 10,309,497 | 95,996 | 70,828 | 834,437 | 11,310,757 | 9.71\% | 0.89\% |
|  | 97,533 | 346 | 1,814 | 827 | 100,519 | 3.06\% | 0.35\% |
|  | 10,407,030 | 96,341 | 72,642 | 835,264 | 11,411,277 |  |  |
|  | 10,097,920 | 426,619 | 86,124 | $(1,528,755)$ | 9,081,908 | -10.06\% | 4.55\% |
|  | 2,064,010 | 92,337 | 12,257 | $(144,542)$ | 2,024,062 | -1.94\% | 4.62\% |
| \$ | 163,132,079 \$ | 5,517,034 \$ | 3,121,643 \$ | -\$ | 171,770,756 | 5.30\% | 3.35\% |

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

## October 31, 2013

\$ (Thousands)

| Invested Assets (at fair value) | July |  | August |  | September |  | October |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Investments with Treasury Division |  |  |  |  |  |  |  |  |
| Cash and cash equivalents | \$ | 2,282 | \$ | 2,189 | \$ | 2,194 | \$ | 2,374 |
| Investments with T. Rowe Price |  |  |  |  |  |  |  |  |
| Alaska Money Market |  | 1,707 |  | 1,500 |  | 1,471 |  | 1,521 |
| Small Cap Stock Fund |  | 17,849 |  | 17,254 |  | 17,499 |  | 17,475 |
| Alaska Balanced Trust |  | 206 |  | 197 |  | 203 |  | 207 |
| Long Term Balanced Fund |  | 5,396 |  | 5,033 |  | 5,661 |  | 6,482 |
| AK Target Date 2010 Trust |  | 5,396 |  | 337 |  | 336 |  | 356 |
| AK Target Date 2015 Trust |  | 1,492 |  | 1,471 |  | 1,541 |  | 1,566 |
| AK Target Date 2020 Trust |  | 3,088 |  | 3,091 |  | 3,246 |  | 3,459 |
| AK Target Date 2025 Trust |  | 4,133 |  | 3,975 |  | 4,195 |  | 4,497 |
| AK Target Date 2030 Trust |  | 4,416 |  | 4,308 |  | 4,523 |  | 4,821 |
| AK Target Date 2035 Trust |  | 7,017 |  | 6,854 |  | 7,111 |  | 7,654 |
| AK Target Date 2040 Trust |  | 7,583 |  | 7,367 |  | 7,730 |  | 8,244 |
| AK Target Date 2045 Trust |  | 13,699 |  | 13,325 |  | 14,006 |  | 14,911 |
| AK Target Date 2050 Trust |  | 18,269 |  | 17,567 |  | 18,272 |  | 19,491 |
| AK Target Date 2055 Trust |  | 2,383 |  | 2,321 |  | 2,480 |  | 2,783 |
| State Street Global Advisors |  |  |  |  |  |  |  |  |
| Money Market |  | 107 |  | 107 |  | 106 |  | 109 |
| S\&P 500 Stock Index Fund Series A |  | 15,919 |  | 15,668 |  | 15,800 |  | 16,288 |
| Russell 3000 Index |  | 7,067 |  | 7,115 |  | 8,134 |  | 9,598 |
| US Real Estate Investment Trust Index |  | 2,063 |  | 1,978 |  | 2,059 |  | 2,207 |
| World Equity Ex-US Index |  | 13,165 |  | 13,039 |  | 14,160 |  | 15,175 |
| Long US Treasury Bond Index |  | 93 |  | 89 |  | 90 |  | 93 |
| US Treasury Inflation Protected Securities Index |  | 868 |  | 887 |  | 940 |  | 961 |
| World Government Bond Ex-US Index |  | 1,902 |  | 1,903 |  | 2,017 |  | 2,084 |
| Global Balanced Fund |  | 6,849 |  | 6,621 |  | 6,787 |  | 6,901 |
| Investments with BlackRock |  |  |  |  |  |  |  |  |
| Government/Credit Bond Fund |  | 9,117 |  | 9,415 |  | 10,309 |  | 11,311 |
| Intermediate Bond Fund |  | 105 |  | 99 |  | 98 |  | 101 |
| Investments with Brandes Institutional |  |  |  |  |  |  |  |  |
| International Equity Fund Fee |  | 11,308 |  | 10,681 |  | 10,098 |  | 9,082 |
| Investments with RCM |  |  |  |  |  |  |  |  |
| Sustainable Opportunities Fund |  | 2,034 |  | 2,069 |  | 2,064 |  | 2,024 |
| Total Invested Assets | \$ | 160,486 | \$ | 156,462 | \$ | 163,132 | \$ | 171,771 |
| Change in Invested Assets |  |  |  |  |  |  |  |  |
| Beginning Assets | \$ | 153,359 | \$ | 160,486 | \$ | 156,462 | \$ | 163,132 |
| Investment Earnings |  | 6,614 |  | $(3,226)$ |  | 6,654 |  | 5,517 |
| Net Contributions (Withdrawals) |  | 513 |  | (799) |  | 16 |  | 3,122 |
| Ending Invested Assets | \$ | 160,486 | \$ | 156,462 | \$ | 163,132 | \$ | 171,771 |

# ALASKA RETIREMENT MANAGEMENT BOARD 

## FINANCIAL REPORT

(Supplement to the Treasury Division Report)
As of October 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 Four Months Ending October 31, 2013

|  | Contributions |  |  |  |  |  |  |  | Expenditures |  |  |  |  |  |  |  | Net <br> Contributions/ (Withdrawals) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Contributions <br> EE and ER | State of Alaska |  | Other |  | TotalContributions |  | Benefits |  | Refunds |  | Administrative |  | Total Expenditures |  |  |  |
| Public Employees' Retirement System (PERS) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Defined Benefit Plans: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Retirement Trust | \$ | 109,016,499 | \$ | 176,793,907 | \$ | 3,981 | \$ | 285,814,387 | \$ | (211,378,258) | \$ | $(3,807,233)$ | \$ | $(10,573,707)$ | \$ | $(225,759,198)$ | \$ | 60,055,190 |
| Retirement Health Care Trust |  | 70,781,365 |  | 135,679,045 |  | 579,561 |  | 207,039,971 |  | $(120,760,334)$ |  | - |  | (3,087,029) |  | $(123,847,363)$ |  | 83,192,609 |
| Total Defined Benefit Plans |  | 179,797,864 |  | 312,472,952 |  | 583,542 |  | 492,854,358 |  | $(332,138,592)$ |  | $(3,807,233)$ |  | $(13,660,736)$ |  | (349,606,561) |  | 143,247,799 |
| Defined Contribution Plans: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Participant Directed Retirement |  | 32,528,694 |  | - |  | - |  | 32,528,694 |  | - |  | (9,276,972) |  | $(299,292)$ |  | $(9,576,264)$ |  | 22,952,430 |
| Health Reimbursement Arrangement (a) |  | 7,933,652 |  | - |  | - |  | 7,933,652 |  | - |  | - |  | $(8,927)$ |  | $(8,927)$ |  | 7,924,725 |
| Retiree Medical Plan (a) |  | 1,235,079 |  | - |  | - |  | 1,235,079 |  | - |  | - |  | $(8,927)$ |  | $(8,927)$ |  | 1,226,152 |
| Occupational Death and Disability: (a) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Public Employees |  | 405,371 |  | - |  | - |  | 405,371 |  | $(21,337)$ |  | - |  | - |  | $(21,337)$ |  | 384,035 |
| Police and Firefighters |  | 328,071 |  | - |  | - |  | 328,071 |  | $(15,785)$ |  | - |  | - |  | $(15,785)$ |  | 312,284 |
| Total Defined Contribution Plans |  | 42,430,867 |  | - |  | - |  | 42,430,867 |  | $(37,122)$ |  | (9,276,972) |  | (317,146) |  | $(9,631,240)$ |  | 32,799,626 |
| Total PERS |  | 222,228,731 |  | 312,472,952 |  | 583,542 |  | 535,285,225 |  | (332,175,714) |  | $(13,084,205)$ |  | (13,977,882) |  | $\underline{(359,237,801)}$ |  | 176,047,425 |
| Teachers' Retirement System (TRS) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Defined Benefit Plans: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Retirement Trust |  | 13,238,814 |  | 208,890,798 |  | 18,407 |  | 222,148,019 |  | $(130,178,135)$ |  | $(980,049)$ |  | $(4,000,270)$ |  | $(135,158,454)$ |  | 86,989,565 |
| Retirement Health Care Trust |  | 5,642,552 |  | 107,956,493 |  | 226,536 |  | 113,825,581 |  | $(38,696,417)$ |  | - |  | $(1,146,153)$ |  | $(39,842,570)$ |  | 73,983,010 |
| Total Defined Benefit Plans |  | 18,881,366 |  | 316,847,291 |  | 244,943 |  | 335,973,600 |  | (168,874,552) |  | $(980,049)$ |  | $(5,146,423)$ |  | (175,001,024) |  | 160,972,575 |
| Defined Contribution Plans: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Participant Directed Retirement |  | 7,021,207 |  | - |  | - |  | 7,021,207 |  | $(636,296)$ |  | (3,488,436) |  | $(45,214)$ |  | $(4,169,946)$ |  | 2,851,261 |
| Health Reimbursement Arrangement (a) |  | 1,581,859 |  | - |  | - |  | 1,581,859 |  | - |  | - |  | $(3,075)$ |  | $(3,075)$ |  | 1,578,784 |
| Retiree Medical Plan (a) |  | 230,135 |  | - |  | - |  | 230,135 |  | - |  | - |  | $(3,075)$ |  | $(3,075)$ |  | 227,059 |
| Occupational Death and Disability: (a) |  | 9 |  | - |  | - |  | 9 |  | - |  | - |  | - |  | - |  |  |
| Total Defined Contribution Plans |  | 8,833,210 |  | - |  | - |  | 8,833,210 |  | $(636,296)$ |  | (3,488,436) |  | $(51,364)$ |  | $(4,176,096)$ |  | 4,657,113 |
| Total TRS |  | 27,714,576 |  | 316,847,291 |  | 244,943 |  | 344,806,810 |  | $(\mathbf{1 6 9 , 5 1 0 , 8 4 8 )}$ |  | $(4,468,485)$ |  | $(5,197,787)$ |  | $\underline{(179,177,120)}$ |  | $\underline{165,629,688}$ |
| Judicial Retirement System (JRS) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Defined Benefit Plan Retirement Trust |  | 1,751,845 |  | 4,282,876 |  | - |  | 6,034,721 |  | $(3,532,494)$ |  | - |  | $(111,266)$ |  | (3,643,760) |  | 2,390,961 |
| Defined Benefit Retirement Health Care Trust |  | 234,217 |  | 177,445 |  | 1,621 |  | 413,283 |  | $(662,630)$ |  | - |  | $(9,884)$ |  | $(672,514)$ |  | $(259,231)$ |
| Total JRS |  | 1,986,062 |  | 4,460,321 |  | 1,621 |  | 6,448,004 |  | $(4,195,124)$ |  | - |  | $(121,150)$ |  | $(4,316,274)$ |  | 2,131,730 |
| National Guard/Naval Militia Retirement System (NGNMRS) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Defined Benefit Plan Retirement Trust (a) |  | 740,100 |  | - |  | - |  | 740,100 |  | $(675,222)$ |  | - |  | $(82,186)$ |  | $(757,408)$ |  | $(17,308)$ |
| Other Participant Directed Plans |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Supplemental Annuity Plan |  | 57,817,067 |  | - |  | - |  | 57,817,067 |  | - |  | $(58,665,074)$ |  | $(1,503,250)$ |  | $(60,168,324)$ |  | $(2,351,257)$ |
| Deferred Compensation Plan |  | 15,438,476 |  | - |  | - |  | 15,438,476 |  | - |  | $(17,543,306)$ |  | $(361,769)$ |  | $\xrightarrow{(17,905,075)}$ |  | $\xrightarrow{(2,466,599)}$ |
| Total All Funds |  | 325,925,012 |  | 633,780,564 |  | 830,106 |  | 960,535,682 |  | $(506,556,908)$ |  | $(93,761,070)$ |  | $(21,244,024)$ |  | $(621,562,002)$ |  | 338,973,679 |
| Total Non-Participant Directed |  | 213,119,568 |  | 633,780,564 |  | 830,106 |  | 847,730,238 |  | (505,920,612) |  | (4,787,282) |  | (19,034,499) |  | $(529,742,393)$ |  | 317,987,844 |
| Total Participant Directed |  | 112,805,444 |  | - |  | - |  | 112,805,444 |  | $(636,296)$ |  | $(88,973,788)$ |  | $(2,209,525)$ |  | $(91,819,609)$ |  | 20,985,835 |
| Total All Funds | \$ | 325,925,012 | \$ | 633,780,564 | \$ | 830,106 | \$ | 960,535,682 | \$ | (506,556,908) | \$ | $(93,761,070)$ | \$ | (21,244,024) | \$ | (621,562,002) | \$ | 338,973,679 |

(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 October 31, 2013

(a) Employer only contributions.

