

State of Alaska FY2010 Governor's Operating Budget

Department of Health and Social Services Alaska Pioneer Homes Results Delivery Unit Budget Summary

Alaska Pioneer Homes Results Delivery Unit

Contribution to Department's Mission

Provide the highest quality of life in a safe home environment for older Alaskans and Veterans.

Core Services

- Provide residential assisted living services.

End Result	Strategies to Achieve End Result
<p>A: Outcome statement - Eligible Alaskans and Veterans will live in a safe environment.</p> <p><u>Target #1:</u> Reduce resident serious injury rate <u>Status #1:</u> In FY 2008, the medication error rate decreased to .14% while medications administered increased to an average of 488,184 per fiscal quarter, up from 434,464 in FY 2006. In FY 2008, our sentinel event injury rate from falls decreased to 1.73%, down from 2.9% in FY 2007.</p>	<p>A1: 1) Improve the medication dispensing and administration system.</p> <p><u>Target #1:</u> Less than one percent medication error rate, which is one-half the low end of the national standard range <u>Status #1:</u> In FY 2008, the medication error rate decreased to .14% while medications administered increased to an average of 488,184 per fiscal quarter, up from 434,464 in FY 2006.</p> <p>A2: 2) Reduce the number of residents' serious injuries from falls.</p> <p><u>Target #1:</u> Less than two percent injury rate, which is the low end of the National Safety Council's range of two to six percent <u>Status #1:</u> In FY 2008, our sentinel event injury rate from falls decreased to 1.73%, down from 2.9% in FY 2007.</p>

FY2010 Resources Allocated to Achieve Results

<p>FY2010 Results Delivery Unit Budget: \$57,053,300</p>	Personnel:	
	Full time	574
	Part time	46
	Total	620

Performance

A: Result - Outcome statement - Eligible Alaskans and Veterans will live in a safe environment.

Target #1: Reduce resident serious injury rate

Status #1: In FY 2008, the medication error rate decreased to .14% while medications administered increased to an average of 488,184 per fiscal quarter, up from 434,464 in FY 2006.

In FY 2008, our sentinel event injury rate from falls decreased to 1.73%, down from 2.9% in FY 2007.

Analysis of results and challenges: Increasing age and acuity levels of Pioneer Homes residents creates a challenge in reducing adverse events that result in serious injury. By properly utilizing the strength of trending and tracking information available in the division's risk analysis program, the Homes are able to identify times, places, individual staff and conditions that hold inherent risk. Action plans to address risk help the Homes prevent errors, reduce the number of serious injury events, and reduce the severity of injury.

A1: Strategy - 1) Improve the medication dispensing and administration system.

Target #1: Less than one percent medication error rate, which is one-half the low end of the national standard range

Status #1: In FY 2008, the medication error rate decreased to .14% while medications administered increased to an average of 488,184 per fiscal quarter, up from 434,464 in FY 2006.

Fiscal Year Medication Error Rate

Year	Qtr 1	Qtr 2	Qtr 3	Qtr 4	YTD Total
2009	0.15%	0	0	0	0
2008	0.16%	0.13%	0.15%	0.12%	0.14%
2007	0.19%	0.22%	0.15%	0.14%	0.18%
2006	0.19%	0.15%	0.16%	0.12%	0.17%
2005	0.08%	0.09%	0.09%	0.14%	0.10%
2004	0.07%	0.11%	0.06%	0.07%	0.08%
2003	0.10%	0.11%	0.09%	0.15%	0.11%
2002	0.07%	0.08%	0.04%	0.05%	0.06%

Methodology: The medication error rate is calculated by taking the number of medication errors per quarter divided by the total number of medications taken by all Pioneer Home residents in the same quarter.

Analysis of results and challenges: The Centers for Medicare and Medicaid Services, which licenses nursing facilities throughout the United States, considers a five percent medication error rate acceptable.

The Pioneer Home system collects medication information at the individual Pioneer Home level and aggregates the numbers for reporting at the division level. In 2008, Pioneer Home staff administered an average of 488,184 individual medications each quarter.

All care processes are vulnerable to error, yet several studies have found that medication-related activities are the most frequent type of adverse event. Medication administration errors are the traditional focus of incident reporting programs because they are often the types of events that identify a failure in other processes in the system. A wrong medication may be administered because it was prescribed, transcribed, or dispensed incorrectly. The division uses a system-wide risk reporting program that tracks medication errors, and allows the collected data to be reported and trended for use in identifying risks. Trending the cause of the error tends to provide the most useful information in designing strategies for preventing future errors.

A2: Strategy - 2) Reduce the number of residents' serious injuries from falls.

Target #1: Less than two percent injury rate, which is the low end of the National Safety Council's range of two to six percent

Status #1: In FY 2008, our sentinel event injury rate from falls decreased to 1.73%, down from 2.9% in FY 2007.

Fiscal Year Sentinel Event Injury Rate

Year	Qtr 1	Qtr 2	Qtr 3	Qtr 4	YTD Total
2009	0.0%	0	0	0	0
2008	1.5%	1.3%	2.0%	2.1%	1.73%
2007	3.5%	1.2%	2.0%	4.9%	2.9%
2006	0.6%	2.7%	1.3%	1.1%	1.43%
2005	2.6%	2.4%	1.5%	2.3%	2.2%
2004	1.96%	1.26%	0.97%	1.47%	1.45%
2003	1.1%	0.04%	1.79%	1.5%	1.1%
2002	2.9%	0.7%	0.0%	0.37%	0.99%

Methodology: The Sentinel Event Injury rate reports the percentage of falls that result in a major injury. The rate is calculated by dividing the number of Sentinel Event injuries to Pioneer Homes residents by the total number of falls reported for the same quarter.

Analysis of results and challenges: Seventy-five percent of elderly deaths result from falls.

Despite remarkable advances in almost every field of medicine, the age-old problem of health-care errors continues to haunt health care professionals. When such errors lead to "sentinel events," those with serious and undesirable occurrences, the problems are even more disturbing. The event is called sentinel because it sends a signal or warning that requires immediate attention. One in three people age 65 and older, and 50 percent of those 80 and older, fall each year. The National Safety Council lists falls in older adults as five times more likely to lead to hospitalization than other injuries. One estimate suggests that direct medical costs for fall-related injuries will rise to \$32.4 billion by 2020. Falls can have devastating outcomes, including decreased mobility, function, independence, and in some cases, death.

The average age of Pioneer Homes residents is 85.5, putting them in the highest risk category for suffering a serious injury from a fall that could lead to death.

The Pioneer Homes respond to serious injuries with root cause analysis investigations and corrective action plans to address underlying causes.

Key RDU Challenges

- Caring for frail and compromised Alaskan seniors within the authorized budget.
- Assuring efficient operation of the five Pioneer Homes, the Alaska Veterans' and Pioneer Home and the centralized pharmacy.
- Managing quality assisted living services for an aging population with complicated and difficult health care needs.
- Continuing to reduce the general fund requirements to operate the Pioneer Home system.
- Implementing the Veterans Home transition plan for optimal occupancy to allow veterans benefits to be used for domiciliary care.
- Recruiting and maintaining adequate health care personnel in a time of national and state workforce shortages.
- Implementing the Continuity of Operations and Disaster Preparedness Plan for the five Pioneer Homes, the Alaska Veterans' and Pioneer Home and the Pioneer Home Central Office. The plan is to be used in the event of a disaster that closes one or more Homes for an extended period of time.
- Developing a training and disaster drill preparedness plan for the Pioneer Homes and the Pioneer Home Central Office.
- Establishing space to store stockpiled medical supplies and equipment to fulfill the Federal Emergency Management Agency's Continuity of Operations Plan recommendations.
- Maintaining adequate structural integrity of the Pioneer Homes.

Significant Changes in Results to be Delivered in FY2010

There are no significant changes in results to be delivered in FY 2010.

Major RDU Accomplishments in 2008

- Served 568 Alaska Seniors and Veterans.
- Received funding for the Sitka Pioneer Home roof replacement. This is a huge project and once complete will eliminate the need for 40-50 five gallon buckets currently in the attic to catch the water from the leaking roof.
- Began a complete remodel of the Sitka Pioneer Home kitchen.
- Established goals to reduce Worker's Compensation Claims and hired a consultant to evaluate employee lift strategies and compile recommendations for the Ketchikan Pioneer Home.
- Continued to increase the use of Medicaid as an alternative to the Pioneer Home Payment Assistance Program, thereby reducing the general fund requirements to operate the Homes.
- Continued to pursue strategies for cost containment.
- Continued to prepare and provide meals to four DHSS youth facilities through the Pioneer Home kitchens.
- Continued managing the Quality Assurance Program with the overall goal of increasing resident safety.

Contact Information
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**Alaska Pioneer Homes
RDU Financial Summary by Component**

All dollars shown in thousands

	FY2008 Actuals				FY2009 Management Plan				FY2010 Governor			
	General Funds	Federal Funds	Other Funds	Total Funds	General Funds	Federal Funds	Other Funds	Total Funds	General Funds	Federal Funds	Other Funds	Total Funds
Formula Expenditures None.												
Non-Formula Expenditures Alaska Pioneer Homes Management Pioneer Homes	885.6	32.1	0.0	917.7	853.9	64.6	0.0	918.5	1,431.1	66.5	0.0	1,497.6
	29,386.4	231.0	21,440.5	51,057.9	31,799.9	231.0	22,972.8	55,003.7	31,406.3	231.0	23,918.4	55,555.7
Totals	30,272.0	263.1	21,440.5	51,975.6	32,653.8	295.6	22,972.8	55,922.2	32,837.4	297.5	23,918.4	57,053.3

**Alaska Pioneer Homes
Summary of RDU Budget Changes by Component
From FY2009 Management Plan to FY2010 Governor**

All dollars shown in thousands

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
FY2009 Management Plan	32,653.8	295.6	22,972.8	55,922.2
Adjustments which will continue current level of service:				
-Alaska Pioneer Homes Management	577.2	1.9	0.0	579.1
-Pioneer Homes	-393.6	0.0	290.4	-103.2
Proposed budget increases:				
-Pioneer Homes	0.0	0.0	655.2	655.2
FY2010 Governor	32,837.4	297.5	23,918.4	57,053.3