





Division of Public Health

Mission: To protect and promote the health of Alaskans.

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MISSION

To protect and promote the health of Alaskans.

“The Legislature shall provide for the promotion and protection of public health.”

-- Constitution of the State of Alaska, Article 7.4

A collage of six diverse people, including a young boy, a woman, a young girl, an elderly woman, a woman with glasses, and an elderly man, representing the community served by the Alaska Division of Public Health.

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HSS/Public Health Alignment

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HSS PRIORITY I: HEALTH & WELLNESS ACROSS THE LIFESPAN		
CORE SERVICE: Protect & promote the health of Alaskans.	CORE SERVICE: Provide quality of life in a safe living environment for Alaskans.	
Primary	Secondary	
HSS PRIORITY II: HEALTH CARE ACCESS, DELIVERY & VALUE		
CORE SERVICE: Manage health care coverage for Alaskans in need.	CORE SERVICE: Facilitate access to affordable health care for Alaskans.	
Secondary	Secondary	
HSS PRIORITY III: SAFE & RESPONSIBLE INDIVIDUALS, FAMILIES & COMMUNITIES		
CORE SERVICE: Strengthen Alaska families.	CORE SERVICE: Protect vulnerable Alaskans.	CORE SERVICE: Promote personal responsibility and accountable decisions by Alaskans.
Secondary	Secondary	Secondary

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Priority I – HEALTH & WELLNESS ACROSS THE LIFESPAN

CORE SERVICE	EFFECTIVENESS MEASURE	EFFICIENCY MEASURE
Protect and promote the health of Alaskans	Percent of Alaskans who are immunized.	Cost per immunization.
	Percent of school-age children who are overweight/obese.	Cost per child of physical education campaign.
	Rate of tobacco use by age group.	Cost per capita of Tobacco Prevention & Control program.
	Percent of Alaskans who receive preventive health screenings.	Cost per client for screening.
	Percent of non-fatal injuries requiring hospitalization.	Cost per capita of emergency medical services.
	Percent of communities that identify and address local health problems.	Cost per community for technical assistance provided.

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Priority II – Health Care Access, Delivery & Value

CORE SERVICE	EFFECTIVENESS MEASURE	EFFICIENCY MEASURE
Facilitate access to affordable health care for Alaskans	Percent of Alaskans with access to a regular primary care provider.	Cost per capita to provide health care services.

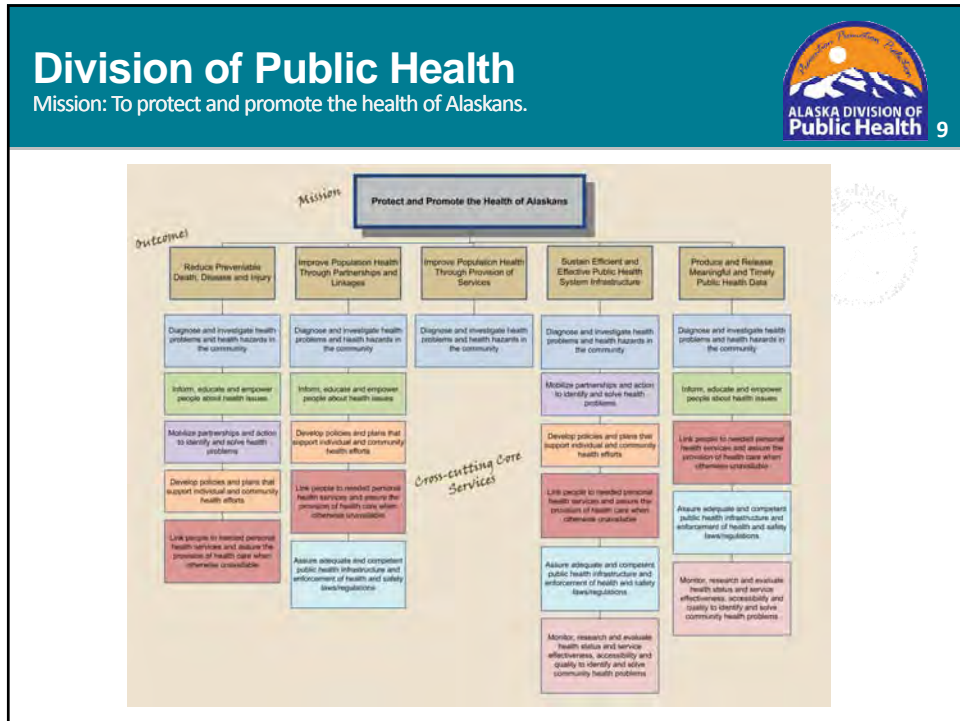
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Priority III – Safe & Responsible Individuals, Families & Communities

CORE SERVICE	EFFECTIVENESS MEASURE	EFFICIENCY MEASURE
Promote personal responsibility and accountable decisions by Alaskans	Percent of clients with chronic disease enrolled in self-management programs.	Cost per client for self-management services.
	Rate of domestic/interpersonal violence referrals to local shelters.	Cost per referral.
	Percent of communities that have participated in disaster preparedness activities.	Cost per participant for disaster preparedness training.




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Public Health** 10

Core Services & Outcomes

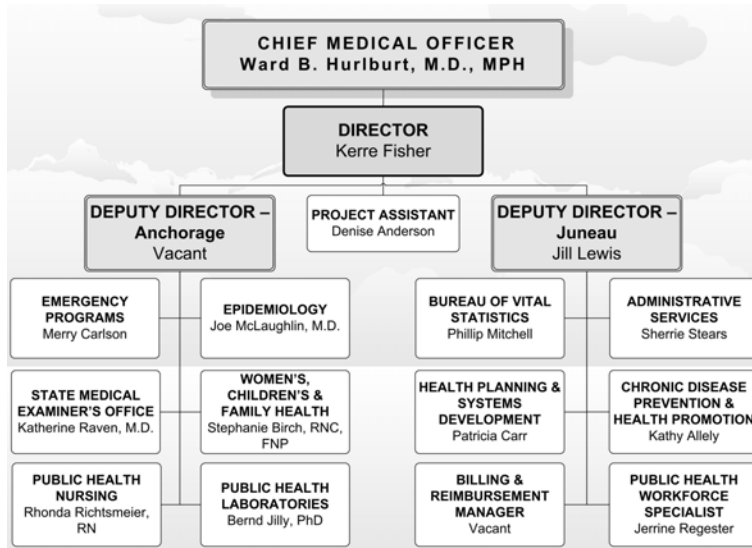


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CORE SERVICE 1: DIAGNOSE AND INVESTIGATE HEALTH PROBLEMS AND HEALTH HAZARDS IN THE COMMUNITY.

Immunization and Vaccine Distribution

- Distribute vaccines statewide and monitor vaccination rates through VacTrAK.
- In FY2012, Public Health Clinics provided 44,000 immunizations to adults and children.

Effectiveness	Percent of 2-yr olds who are fully immunized.
Efficiency	Cost to fully immunize a 2-yr old child.
Target	By 2015, Alaska will rank #25 for fully immunized 2-yr olds (#39 in 2012).
Dashboard Indicator	Percent of fully immunized 2-yr olds active in VacTrAK.

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CORE SERVICE 1: DIAGNOSE AND INVESTIGATE HEALTH PROBLEMS AND HEALTH HAZARDS IN THE COMMUNITY.

Infectious Disease Prevention and Control

- Investigate and control infectious disease outbreaks.
- Test, identify & monitor microbiologic and viral pathogens.

Effectiveness	Chlamydia rate in adults.
Efficiency	Cost per capita for chlamydia laboratory testing.
Target	By 2015, the chlamydia rate will be decreased by 5% (80.5% in 2012).
Dashboard Indicator	Number of people who received partner services.

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Immunization Rates Improving

- Two-year olds fully immunized
 - **#39** rank among states, improved from #42.
 - **69%** of Alaska 2-year olds are fully immunized, up from 66%.
 - Alaska Natives generally have higher immunization rates.
- **7%** “opt-out” rate highest in U.S. and climbing.

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CORE SERVICE 2: INFORM, EDUCATE AND EMPOWER PEOPLE ABOUT HEALTH ISSUES.

Obesity Prevention and Control

- Promote healthy lifestyles, physical activity and nutrition for school-age children, pregnant women, and others.
- Screen Public Health Center clients for overweight/obesity.

Effectiveness	Percent of adolescents who are overweight and obese.
Efficiency	Cost per capita of obesity prevention program.
Target	By 2015, reverse the trend in childhood overweight/obesity in 2 school districts.
Dashboard Indicator	Percent of K-6 th graders participating in Healthy Futures.

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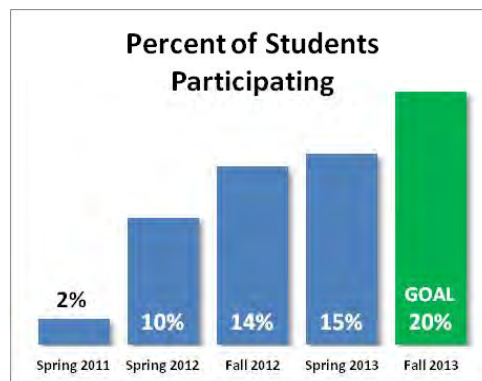
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HEALTHY FUTURES CHALLENGE

1. Be active 30 min. a day, 3 days a week.
2. Record play for 4 weeks.
3. Get prizes!



Get out and Play. Every day.



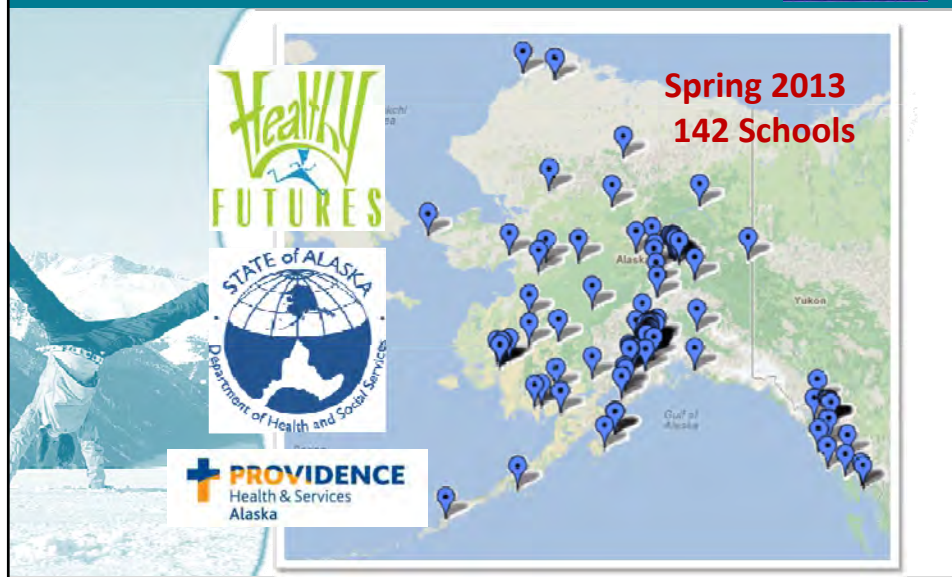
Raising healthy kids
in Alaska!

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CORE SERVICE 2: INFORM, EDUCATE AND EMPOWER PEOPLE ABOUT HEALTH ISSUES.


Injury Prevention and Control

- Promote safe boating, biking, and senior fall prevention.
- Screen Public Health Center clients for domestic violence.
- Track and report on violent deaths.


Effectiveness	Number of Alaskans experiencing unintentional injuries.
Efficiency	Cost per capita of injury prevention program.
Target	By 2015, falls requiring hospitalization among older adults will remain stable.
Dashboard Indicator	Number of TV/Radio ads aired.

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CORE SERVICE 3: MOBILIZE PARTNERSHIPS AND ACTION TO IDENTIFY AND SOLVE HEALTH PROBLEMS.


Tobacco Prevention and Control

- Work with communities, schools, and tribal organizations to promote quitting among adults and youth and prevent youth from starting.


Effectiveness	Percent of Alaskans who currently smoke or use smokeless tobacco.
Efficiency	Cost per capita of tobacco prevention and control program.
Target	By 2015, the percent of pregnant women who use tobacco in the last trimester will decrease 2% (17% in 2010).
Dashboard Indicator	Number of tobacco-free policies adopted.

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T O B A C C O P R E V E N T I O N A N D C O N T R O L

Smoking On the Decline

- **High School Students**
 - Overall ↓ from 37% (1995) to 14% (2011).
 - AK Native ↓ from 60% (1995) to 26% (2011).
- **Adults**
 - Overall ↓ from 28% (1996) to 21% (2010).

Rank #35

Rank #9

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CORE SERVICE 3: MOBILIZE PARTNERSHIPS AND ACTION TO IDENTIFY AND SOLVE HEALTH PROBLEMS.

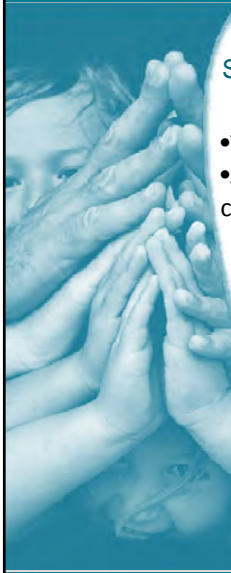
Public Health Emergency Programs

- Work with communities on emergency planning, preparedness and disaster recovery.
- Certify Emergency Medical Services & designate Trauma Centers.

Effectiveness	Percent of entities participating in disaster preparedness activities.
Efficiency	Cost per participant of disaster preparedness activities.
Target	By 2015, 40% of healthcare facilities will have emergency operations plans (33% in 2012).
Dashboard Indicator	Number of designated trauma centers.

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CORE SERVICE 4: DEVELOP POLICIES & PLANS THAT SUPPORT INDIVIDUAL & COMMUNITY HEALTH EFFORTS.

Community Engagement Programs

- Work with communities on water fluoridation policies.
- Sponsor health assessments and improvement plans that engage citizens at state and local levels.

Effectiveness	Percent of communities that identify and address local health problems.
Efficiency	Cost per community of health improvement training and support.
Target	By 2015, 60% of Alaskans with community water systems will have optimally fluoridated water (55% in 2011).
Dashboard Indicator	Number of presentations conducted.

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Healthy Alaskans in Healthy Communities

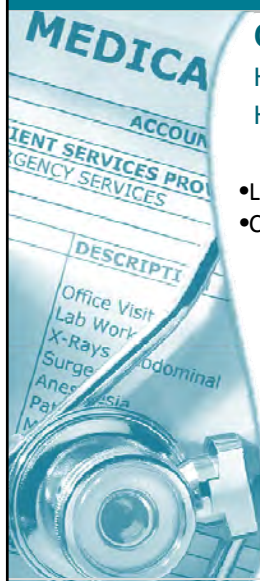
A Joint Project of

the State of Alaska Department
of Health and Social Services
&
the Alaska Native Tribal Health
Consortium



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**CORE SERVICE 5: LINK PEOPLE TO NEEDED
HEALTH SERVICES & ASSURE PROVISION OF
HEALTHCARE WHEN OTHERWISE UNAVAILABLE.**

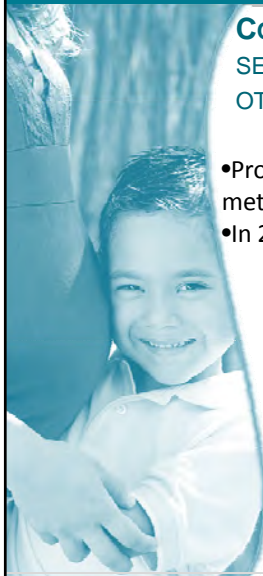
Healthcare Workforce Development

- Loan repayment & incentive programs for healthcare providers.
- Community Health Aide training.

Effectiveness	Percent of individuals served by HSS with access to a regular primary care provider.
Efficiency	Cost per client to provide health care.
Target	By 2015, 60% more clients will receive care from providers participating in loan repayment programs.
Dashboard Indicator	Number of workforce assessment and development activities.

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CORE SERVICE 5: LINK PEOPLE TO NEEDED HEALTH SERVICES & ASSURE PROVISION OF HEALTHCARE WHEN OTHERWISE UNAVAILABLE.

Healthcare Clinics and Screenings

- Provide pediatric genetic & specialty clinics; newborn hearing & metabolic disorder screenings; adult chronic disease screenings.
- In 2012, Public Health Clinics provided 75,000 health center visits.

Effectiveness	Percent of Alaskans who receive recommended health screenings.
Efficiency	Cost per health screening.
Target	By 2015, increase percent of women 50-64 yrs receiving mammograms to 73% (72% in 2010).
Dashboard Indicator	Number of completed pediatric specialty clinic appointments.

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CORE SERVICE 6: ASSURE ADEQUATE & COMPETENT INFRASTRUCTURE AND ENFORCEMENT OF HEALTH & SAFETY LAWS/REGULATIONS.

Medical Examiner's Office

- Investigate & determine cause & manner of death for unanticipated, sudden, or violent deaths.
- In 2012, investigated 1,625 cases; 82% transported to Anchorage.

Effectiveness	Percent of childhood deaths reviewed by the Child Fatality Review Team within 1 month.
Efficiency	Cost per Medical Examiner's case.
Target	By 2015, 3 additional regions will receive on-scene death investigations. (1 in 2012).
Dashboard Indicator	Percent of death certificates signed within 24-hrs after completion.

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CORE SERVICE 6: ASSURE ADEQUATE & COMPETENT INFRASTRUCTURE AND ENFORCEMENT OF HEALTH & SAFETY LAWS/REGULATIONS.

Radiological & Clinical Lab Safety

- Measurement and inspection of all radiation sources for safety.
- Certification of all clinical labs that test for human diseases (CLIA).

Effectiveness	Percent of physician office labs receiving CLIA regulation training.
Efficiency	Cost per CLIA training.
Target	By 2015, inspect 33% of radiological facilities for compliance with new regulations.
Dashboard Indicator	Total tests completed.

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CORE SERVICE 7: MONITOR, RESEARCH & EVALUATE HEALTH STATUS & SERVICE EFFECTIVENESS, ACCESS & QUALITY.

Bureau of Vital Statistics

- Manages 1 mil+ AK vital records: birth, death, divorce, marriage.
- Data for leading causes of death, population estimates, birth rates, health status, performance measures.

Effectiveness	Percent of birth certificates registered within 10 days.
Efficiency	Average number of days to register a birth.
Target	By 2015, 80% of all death records will be electronically registered (38% in 2011).
Dashboard Indicator	Average time to answer the phone queue.

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CORE SERVICE 7: MONITOR, RESEARCH & EVALUATE HEALTH STATUS, SERVICE EFFECTIVENESS, ACCESS & QUALITY.

Health Care Quality Data

- Hospital discharge data & other public health databases describe & analyze the burden of disease on people & economy.
- Immunization, cancer, lab results, and disease outbreak data will be integrated into Health Information Exchange.

Effectiveness	Number of Alaskans with online access to health care records.
Efficiency	Percent of providers who provide online access to patients' records.
Target	By 2015, 95% of inpatient discharges will be reported by hospitals (80% in 2012).
Dashboard Indicator	EMS responses reported to the AURORA data system.

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Challenges & Top Priorities



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Obesity is the dominant public health problem today.

- Medical complications; premature death.
- Eclipses tobacco in terms of medical costs.
- Challenge is to address physical, social, and economic environment that makes it easy to be inactive while making it harder to be active.

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Tobacco remains a significant health problem.

- 600 Alaska deaths annually; nearly \$500 million in medical costs & lost productivity.
- Disproportionately affects Alaska Natives.
- Smokeless tobacco rates higher than national average.

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Infectious Disease is still a threat

- Low rate of immunizations for children under age 2.
- High rates of sexually transmitted diseases and tuberculosis.
- Alaska's role as transportation and tourism hub increases the challenge as people come here from around the world.

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Maintaining Community Water Fluoridation is a challenge

- One of the top ten public health accomplishments of 20th century.
- Alaska Native children without fluoride water have 2x more decay.
- Losing ground with fluoridated public water systems.
 - 67% of population in 2006
 - 55% of population in 2011

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Unintentional injury 3rd leading cause of death in Alaska.

- #1 leading cause of death for ages 1 to 44 years.
- Falls are leading cause of non-fatal hospitalizations for all ages.
- 90% of drowning fatalities were not wearing a life jacket.
- Largely preventable with education and expertise from prevention specialists.

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Other Public Health Challenges

- Health systems need to be expanded to be truly statewide.
- Statewide health improvement plan focuses effort on highest priority issues for greatest outcomes.
- Efficiencies gained when aging data systems are replaced and new data systems facilitate service integration.

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Thank you ...



Questions?