

## Aleutians and Pribilofs Region

## Leading Causes of Death (2004-2007)

	Cause of Death	Aleutians and Pribilofs # Deaths	% of Deaths	Rate per 100,000	Rate Ratio: Aleutians and Pribilofs vs. Alaska Natives
1	Cancer	14	21%	237.5	1.0
2	Heart Disease	13	20%	274.8	1.6
3	Unintentional Injury	10	15%	128.0	1.3
4	Chronic Liver Disease	4	6%	51.3	3.0*
5	Cerebrovascular Disease	3	5%	76.8	1.3
	Total- All Causes	66	100%	1139.7	1.1

\* significant difference,  $p < .05$

## Adult Behaviors (2005-2007)

Measure	Aleutians and Pribilofs	Lower CI <sup>1</sup>	Upper CI <sup>1</sup>	Alaska Natives Statewide	Alaska non-Natives Statewide
Obese (BMI 30+)	47%	35%	60%	31%*	25%*
Current Smokers	63%	51%	74%	41%*	20%*
Smokeless Tobacco Users	7%	3%	15%	11%	4%
Meets Physical Activity Recommendations	NA	NA	NA	55%	61%
Binge Drinkers	NA	NA	NA	18%	18%

\* significantly different from region,  $p < .05$ ; <sup>1</sup> 95% Confidence Interval

## Maternal and Child Health (2006-2007)

Measure	Aleutians and Pribilofs	Alaska Natives Statewide	Alaska Whites
Low Birth Weight	10%	5%	6%
Adequate Prenatal Care	82%	46%*	73%
Smoking during Pregnancy	36%	29%	10%*
Smokeless Tobacco during Pregnancy	5%	11%	0%
Alcohol Consumption during Pregnancy	3%	3%	2%

\* significantly different from region,  $p < .05$

## Diabetes (2007)

Measure	Anchorage Service Unit	Alaska Natives Statewide
Diabetes Prevalence per 1,000	42	40
% Rate of Increase since 1990	76%	117%

## Anchorage/Mat-Su Region

### Leading Causes of Death (2004-2007)

	Cause of Death	Anchorage/ Mat-Su # Deaths	% of Deaths	Rate per 100,000	Rate Ratio: Anchorage/Mat-Su vs. Alaska Natives
1	Cancer	132	18%	198.3	0.8*
2	Heart Disease	115	16%	188.7	1.1
3	Unintentional Injury	74	10%	71.7	0.7*
4	Suicide	40	6%	32.6	0.7*
5	Cerebrovascular Disease	31	4%	55.3	0.9
	Total- All Causes	733	100%	1074.3	1.0

\* significant difference,  $p < .05$

### Adult Behaviors (2005-2007)

Measure	Anchorage/ Mat-Su	Lower CI <sup>1</sup>	Upper CI <sup>1</sup>	Alaska Natives Statewide	Alaska non-Natives Statewide
Obese (BMI 30+)	31%	25%	38%	31%	25%
Current Smokers	37%	30%	45%	41%	20%*
Smokeless Tobacco Users	4%	2%	7%	11%*	4%
Meets Physical Activity Recommendations	59%	46%	72%	55%	61%
Binge Drinkers	16%	10%	26%	18%	18%

\* significantly different from region,  $p < .05$ ; <sup>1</sup> 95% Confidence Interval

### Maternal and Child Health (2006-2007)

Measure	Anchorage/ Mat-Su	Alaska Natives Statewide	Alaska Whites
Low Birth Weight	5%	5%	6%
Adequate Prenatal Care	56%	46%*	73%
Smoking during Pregnancy	25%	29%*	10%*
Smokeless Tobacco during Pregnancy	2%	11%*	0%
Alcohol Consumption during Pregnancy	3%	3%	2%

\* significantly different from region,  $p < .05$

### Diabetes (2007)

Measure	Anchorage Service Unit	Alaska Natives Statewide
Diabetes Prevalence per 1,000	42	40
% Rate of Increase since 1990	76%	117%

## Arctic Slope Region

### Leading Causes of Death (2004-2007)

	Cause of Death	Arctic Slope # Deaths	% of Deaths	Rate per 100,000	Rate Ratio: Arctic Slope vs. Alaska Natives
1	Cancer	25	23%	274.5	1.2
2	Heart Disease	17	15%	273.4	1.5
3	Suicide	12	11%	73.5	1.8
4	Unintentional Injury	8	7%	48.4	0.5
5	COPD	8	7%	140.9	2.6*
	Total- All Causes	111	100%	1350.5	1.3*

\* significant difference,  $p < .05$

### Adult Behaviors (2005-2007)

Measure	Arctic Slope	Lower CI <sup>1</sup>	Upper CI <sup>1</sup>	Alaska Natives Statewide	Alaska non-Natives Statewide
Obese (BMI 30+)	37%	28%	47%	31%	25%*
Current Smokers	58%	47%	68%	41%*	20%*
Smokeless Tobacco Users	4%	1%	13%	11%	4%
Meets Physical Activity Recommendations	NA	NA	NA	55%	61%
Binge Drinkers	21%	11%	36%	18%	18%

\* significantly different from region,  $p < .05$ ; <sup>1</sup> 95% Confidence Interval

### Maternal and Child Health (2006-2007)

Measure	Arctic Slope	Alaska Natives Statewide	Alaska Whites
Low Birth Weight	6%	5%	6%
Adequate Prenatal Care	37%	46%	73%*
Smoking during Pregnancy	48%	29%*	10%*
Smokeless Tobacco during Pregnancy	1%	11%*	0%
Alcohol Consumption during Pregnancy	4%	3%	2%

\* significantly different from region,  $p < .05$

### Diabetes (2007)

Measure	Barrow Service Unit	Alaska Natives Statewide
Diabetes Prevalence per 1,000	31	40
% Rate of Increase since 1990	158%	117%

### Environmental Health (2008)

Measure	Arctic Slope Native Assn.	AK Tribal Health System
Water and Sewer Service Rates	94%	76%

## Bristol Bay Region

### Leading Causes of Death (2004-2007)

	Cause of Death	Bristol Bay # Deaths	% of Deaths	Rate per 100,000	Rate Ratio: Bristol Bay vs. Alaska Natives
1	Unintentional Injury	38	24%	190.5	2.1*
2	Cancer	36	22%	271.9	1.2
3	Heart Disease	25	15%	200.5	1.1
4	COPD	7	4%	60.8	1.1
5	Suicide	7	4%	32.9	0.8
	Total- All Causes	162	100%	1151.5	1.1

\* significant difference,  $p < .05$

### Adult Behaviors (2005-2007)

Measure	Bristol Bay	Lower CI <sup>1</sup>	Upper CI <sup>1</sup>	Alaska Natives Statewide	Alaska non-Natives Statewide
Obese (BMI 30+)	37%	30%	45%	31%	25%*
Current Smokers	48%	41%	56%	41%	20%*
Smokeless Tobacco Users	11%	7%	18%	11%	4%*
Meets Physical Activity Recommendations	66%	54%	77%	55%	61%
Binge Drinkers	18%	11%	28%	18%	18%

\* significantly different from region,  $p < .05$ ; <sup>1</sup> 95% Confidence Interval

### Maternal and Child Health (2006-2007)

Measure	Bristol Bay	Alaska Natives Statewide	Alaska Whites
Low Birth Weight	5%	5%	6%
Adequate Prenatal Care	36%	46%*	73%*
Smoking during Pregnancy	37%	29%	10%*
Smokeless Tobacco during Pregnancy	14%	11%	0%*
Alcohol Consumption during Pregnancy	2%	3%	2%

\* significantly different from region,  $p < .05$

### Diabetes (2007)

Measure	Bristol Bay Service Unit	Alaska Natives Statewide
Diabetes Prevalence per 1,000	37	40
% Rate of Increase since 1990	200%	117%

### Environmental Health (2008)

Measure	Bristol Bay Area Health Corp.	AK Tribal Health System
Water and Sewer Service Rates	87%	76%

## Copper River/Prince William Sound Region

### Leading Causes of Death (2004-2007)

	Cause of Death	Copper River/ Prince Wm. Sound # Deaths	% of Deaths	Rate per 100,000	Rate Ratio: Copper River/Prince Wm. Sound vs. Alaska Natives
1	Cancer	13	23%	304.5	1.3
2	Heart Disease	9	16%	217.1	1.2
3	Unintentional Injury	6	11%	119.6	1.2
4	COPD	4	7%	117.5	2.1
5	Chronic Liver Disease	3	5%	45.7	2.7
	Total- All Causes	57	100%	1231.8	1.2

### Adult Behaviors (2005-2007)

Measure	Copper River/ Prince Wm. Sound	Lower CI <sup>1</sup>	Upper CI <sup>1</sup>	Alaska Natives Statewide	Alaska non-Natives Statewide
Obese (BMI 30+)	44%	30%	59%	31%	25%*
Current Smokers	28%	18%	42%	41%	20%
Smokeless Tobacco Users	11%	4%	27%	11%	4%
Meets Physical Activity Recommendations	NA	NA	NA	55%	61%
Binge Drinkers	NA	NA	NA	18%	18%

\* significantly different from region,  $p < .05$ ; <sup>1</sup> 95% Confidence Interval

### Maternal and Child Health (2006-2007)

Measure	Copper River/ Prince Wm. Sound	Alaska Natives Statewide	Alaska Whites
Low Birth Weight	2%	5%	6%
Adequate Prenatal Care	64%	46%	73%
Smoking during Pregnancy	39%	29%	10%*
Smokeless Tobacco during Pregnancy	5%	11%	0%
Alcohol Consumption during Pregnancy	0%	3%	2%

\* significantly different from region,  $p < .05$

### Diabetes (2007)

Measure	Anchorage Service Unit	Alaska Natives Statewide
Diabetes Prevalence per 1,000	42	40
% Rate of Increase since 1990	76%	117%

## Interior Region

### Leading Causes of Death (2004-2007)

	Cause of Death	Interior # Deaths	% of Deaths	Rate per 100,000	Rate Ratio: Interior vs. Alaska Natives
1	Cancer	72	20%	239.8	1.0
2	Unintentional Injury	51	14%	119.2	1.3
3	Heart Disease	39	11%	138.6	0.8
4	Suicide	19	5%	34.6	0.8
5	Cerebrovascular Disease	15	4%	58.3	1.0
	Total- All Causes	360	100%	1078.5	1.0

### Adult Behaviors (2005-2007)

Measure	Interior	Lower CI <sup>1</sup>	Upper CI <sup>1</sup>	Alaska Natives Statewide	Alaska non-Natives Statewide
Obese (BMI 30+)	27%	22%	33%	31%	25%
Current Smokers	38%	32%	44%	41%	20%*
Smokeless Tobacco Users	6%	4%	9%	11%*	4%
Meets Physical Activity Recommendations	53%	43%	63%	55%	61%
Binge Drinkers	22%	16%	29%	18%	18%

\* significantly different from region,  $p < .05$ ; <sup>1</sup> 95% Confidence Interval

### Maternal and Child Health (2006-2007)

Measure	Interior	Alaska Natives Statewide	Alaska Whites
Low Birth Weight	6%	5%	6%
Adequate Prenatal Care	38%	46%*	73%*
Smoking during Pregnancy	33%	29%	10%*
Smokeless Tobacco during Pregnancy	1%	11%*	0%*
Alcohol Consumption during Pregnancy	6%	3%*	2%*

\* significantly different from region,  $p < .05$

### Diabetes (2007)

Measure	Interior Service Unit	Alaska Natives Statewide
Diabetes Prevalence per 1,000	43	40
% Rate of Increase since 1990	92%	117%

### Environmental Health (2008)

Measure	Tanana Chiefs Conference	AK Tribal Health System
Water and Sewer Service Rates	60%	76%

## Kenai Peninsula Region

### Leading Causes of Death (2004-2007)

	Cause of Death	Kenai Peninsula # Deaths	% of Deaths	Rate per 100,000	Rate Ratio: Kenai Peninsula vs. Alaska Natives
1	Cancer	29	22%	275.2	1.2
2	Heart Disease	29	22%	298.1	1.7*
3	Unintentional Injury	13	10%	76.5	0.8
4	Cerebrovascular Disease	9	7%	92.3	1.6
5	COPD	6	4%	60.3	1.1
	Total- All Causes	135	100%	1242.4	1.2

\* significant difference,  $p < .05$

### Adult Behaviors (2005-2007)

Measure	Kenai Peninsula	Lower CI <sup>1</sup>	Upper CI <sup>1</sup>	Alaska Natives Statewide	Alaska non-Natives Statewide
Obese (BMI 30+)	33%	25%	41%	31%	25%
Current Smokers	42%	34%	51%	41%	20%*
Smokeless Tobacco Users	9%	5%	15%	11%	4%*
Meets Physical Activity Recommendations	56%	40%	70%	55%	61%
Binge Drinkers	13%	8%	22%	18%	18%

\* significantly different from region,  $p < .05$ ; <sup>1</sup> 95% Confidence Interval

### Maternal and Child Health (2006-2007)

Measure	Kenai Peninsula	Alaska Natives Statewide	Alaska Whites
Low Birth Weight	5%	5%	6%
Adequate Prenatal Care	69%	46%*	73%
Smoking during Pregnancy	28%	29%	10%*
Smokeless Tobacco during Pregnancy	4%	11%*	0%*
Alcohol Consumption during Pregnancy	1%	3%*	2%*

\* significantly different from region,  $p < .05$

### Diabetes (2007)

Measure	Anchorage Service Unit	Alaska Natives Statewide
Diabetes Prevalence per 1,000	42	40
% Rate of Increase since 1990	76%	117%

## Kodiak Area Region

### Leading Causes of Death (2004-2007)

	Cause of Death	Kodiak Area # Deaths	% of Deaths	Rate per 100,000	Rate Ratio: Kodiak Area vs. Alaska Natives
1	Cancer	17	27%	307.8	1.3
2	Cerebrovascular Disease	7	11%	118.2	2.0
3	Unintentional Injury	5	8%	48.7	0.5
4	COPD	4	6%	69.9	1.3
5	Heart Disease	4	6%	61.8	0.3*
	Total- All Causes	64	100%	1003.5	0.9

\* significant difference,  $p < .05$

### Adult Behaviors (2005-2007)

Measure	Kodiak Area	Lower CI <sup>1</sup>	Upper CI <sup>1</sup>	Alaska Natives Statewide	Alaska non-Natives Statewide
Obese (BMI 30+)	29%	19%	41%	31%	25%
Current Smokers	35%	23%	48%	41%	20%*
Smokeless Tobacco Users	7%	3%	16%	11%	4%
Meets Physical Activity Recommendations	NA	NA	NA	55%	61%
Binge Drinkers	14%	6%	29%	18%	18%

\* significantly different from region,  $p < .05$ ; <sup>1</sup> 95% Confidence Interval NA = not available

### Maternal and Child Health (2006-2007)

Measure	Kodiak Area	Alaska Natives Statewide	Alaska Whites
Low Birth Weight	8%	5%	6%
Adequate Prenatal Care	67%	46%*	73%
Smoking during Pregnancy	22%	29%	10%*
Smokeless Tobacco during Pregnancy	1%	11%	0%
Alcohol Consumption during Pregnancy	5%	3%	2%

\* significantly different from region,  $p < .05$

### Diabetes (2007)

Measure	Anchorage Service Unit	Alaska Natives Statewide
Diabetes Prevalence per 1,000	42	40
% Rate of Increase since 1990	76%	117%

### Environmental Health (2008)

Measure	Kodiak Area	AK Tribal Health System
Water and Sewer Service Rates	98%	76%



## Northwest Arctic Region

### Leading Causes of Death (2004-2007)

	Cause of Death	Northwest Arctic # Deaths	% of Deaths	Rate per 100,000	Rate Ratio: Northwest Arctic vs. Alaska Natives
1	Cancer	39	24%	269.9	1.1
2	Unintentional Injury	29	18%	117.9	1.2
3	Heart Disease	22	13%	190.9	1.1
4	Suicide	22	13%	76.5	1.9*
5	COPD	10	6%	89.6	1.7
	Total- All Causes	166	100%	1051.9	1.0

\* significant difference,  $p < .05$

### Adult Behaviors (2005-2007)

Measure	Northwest Arctic	Lower CI <sup>1</sup>	Upper CI <sup>1</sup>	Alaska Natives Statewide	Alaska non-Natives Statewide
Obese (BMI 30+)	32%	25%	40%	31%	25%
Current Smokers	47%	39%	55%	41%	20%*
Smokeless Tobacco Users	9%	5%	16%	11%	4%*
Meets Physical Activity Recommendations	43%	29%	59%	55%	61%*
Binge Drinkers	17%	10%	28%	18%	18%

\* significantly different from region,  $p < .05$ ; <sup>1</sup> 95% Confidence Interval

### Maternal and Child Health (2006-2007)

Measure	Northwest Arctic	Alaska Natives Statewide	Alaska Whites
Low Birth Weight	4%	5%	6%
Adequate Prenatal Care	32%	46%*	73%*
Smoking during Pregnancy	44%	29%	10%*
Smokeless Tobacco during Pregnancy	3%	11%*	0%*
Alcohol Consumption during Pregnancy	2%	3%	2%

\* significantly different from region,  $p < .05$

### Diabetes (2007)

Measure	Kotzebue Service Unit	Alaska Natives Statewide
Diabetes Prevalence per 1,000	41	40
% Rate of Increase since 1990	136%	117%

### Environmental Health (2008)

Measure	Maniilaq Assn.	AK Tribal Health System
Water and Sewer Service Rates	76%	76%

## Norton Sound Region

### Leading Causes of Death (2004-2007)

	Cause of Death	Norton Sound # Deaths	% of Deaths	Rate per 100,000	Rate Ratio: Norton Sound vs. Alaska Natives
1	Cancer	36	18%	219.7	0.9
2	Unintentional Injury	33	17%	129.7	1.4
3	Heart Disease	25	13%	144.5	0.8
4	Suicide	23	12%	77.5	1.9*
5	COPD	9	5%	61.8	1.1
	Total- All Causes	199	100%	1019.7	0.9

\* significant difference,  $p < .05$

### Adult Behaviors (2005-2007)

Measure	Norton Sound	Lower CI <sup>1</sup>	Upper CI <sup>1</sup>	Alaska Natives Statewide	Alaska non-Natives Statewide
Obese (BMI 30+)	22%	17%	28%	31%*	25%
Current Smokers	58%	51%	65%	41%*	20%*
Smokeless Tobacco Users	9%	6%	14%	11%	4%*
Meets Physical Activity Recommendations	40%	29%	53%	55%*	61%*
Binge Drinkers	22%	15%	32%	18%	18%

\* significantly different from region,  $p < .05$ ; <sup>1</sup> 95% Confidence Interval

### Maternal and Child Health (2006-2007)

Measure	Norton Sound	Alaska Natives Statewide	Alaska Whites
Low Birth Weight	7%	5%	6%
Adequate Prenatal Care	53%	46%	73%*
Smoking during Pregnancy	55%	29%*	10%*
Smokeless Tobacco during Pregnancy	5%	11%*	0%*
Alcohol Consumption during Pregnancy	7%	3%	2%*

\* significantly different from region,  $p < .05$

### Diabetes (2007)

Measure	Norton Sound Service Unit	Alaska Natives Statewide
Diabetes Prevalence per 1,000	29	40
% Rate of Increase since 1990	201%	117%

### Environmental Health (2008)

Measure	Norton Sound Health Corp.	AK Tribal Health System
Water and Sewer Service Rates	64%	76%

## Southeast Region

### Leading Causes of Death (2004-2007)

	Cause of Death	Southeast # Deaths	% of Deaths	Rate per 100,000	Rate Ratio: Southeast vs. Alaska Natives
1	Cancer	89	23%	205.1	0.8
2	Heart Disease	59	15%	147.9	0.8
3	Unintentional Injury	35	9%	76.0	0.8
4	Cerebrovascular Disease	20	5%	51.2	0.8
5	COPD	17	4%	39.1	0.7
	Total- All Causes	388	100%	886.5	0.8*

\* significant difference,  $p < .05$

### Adult Behaviors (2005-2007)

Measure	Southeast	Lower CI <sup>1</sup>	Upper CI <sup>1</sup>	Alaska Natives Statewide	Alaska non-Natives Statewide
Obese (BMI 30+)	38%	33%	43%	31%*	25%*
Current Smokers	36%	32%	42%	41%	20%*
Smokeless Tobacco Users	3%	2%	6%	11%*	4%
Meets Physical Activity Recommendations	60%	51%	68%	55%	61%
Binge Drinkers	22%	17%	29%	18%	18%

\* significantly different from region,  $p < .05$ ; <sup>1</sup> 95% Confidence Interval

### Maternal and Child Health (2006-2007)

Measure	Southeast	Alaska Natives Statewide	Alaska Whites
Low Birth Weight	3%	5%	6%*
Adequate Prenatal Care	72%	46%*	73%
Smoking during Pregnancy	20%	29%*	10%*
Smokeless Tobacco during Pregnancy	0%	11%*	0%
Alcohol Consumption during Pregnancy	2%	3%	2%

\* significantly different from region,  $p < .05$

### Diabetes (2007)

Measure	Southeast		Alaska Natives Statewide
	Mount Edgecumbe Service Unit	Annette Island Service Unit	
Diabetes Prevalence per 1,000	55	84	40
% Rate of Increase since 1990	118%	133%	117%

### Environmental Health (2008)

Measure	Southeast Alaska Regional Health Corp.	AK Tribal Health System
Water and Sewer Service Rates	98%	76%

## Yukon-Kuskokwim Region

### Leading Causes of Death (2004-2007)

	Cause of Death	Yukon-Kuskokwim # Deaths	% of Deaths	Rate per 100,000	Rate Ratio: Yukon-Kuskokwim vs. Alaska Natives
1	Cancer	115	21%	273.7	1.2
2	Unintentional Injury	81	15%	104.9	1.1
3	Heart Disease	66	12%	192.9	1.1
4	Suicide	57	11%	62.1	1.6*
5	Cerebrovascular Disease	23	4%	71.9	1.2
	Total- All Causes	543	100%	1165.7	1.1

\* significant difference,  $p < .05$

### Adult Behaviors (2005-2007)

Measure	Yukon-Kuskokwim	Lower CI <sup>1</sup>	Upper CI <sup>1</sup>	Alaska Natives Statewide	Alaska non-Natives Statewide
Obese (BMI 30+)	26%	22%	30%	31%*	25%
Current Smokers	39%	35%	44%	41%	20%*
Smokeless Tobacco Users	34%	30%	38%	11%*	4%
Meets Physical Activity Recommendations	51%	42%	59%	55%	61%*
Binge Drinkers	15%	11%	21%	18%	18%

\* significantly different from region,  $p < .05$ ; <sup>1</sup> 95% Confidence Interval

### Maternal and Child Health (2006-2007)

Measure	Yukon-Kuskokwim	Alaska Natives Statewide	Alaska Whites
Low Birth Weight	5%	5%	6%
Adequate Prenatal Care	21%	46%*	73%*
Smoking during Pregnancy	20%	29%*	10%*
Smokeless Tobacco during Pregnancy	41%	11%*	0%*
Alcohol Consumption during Pregnancy	2%	3%	2%

\* significantly different from region,  $p < .05$

### Diabetes (2007)

Measure	Yukon-Kuskokwim Service Unit	Alaska Natives Statewide
Diabetes Prevalence per 1,000	24	40
% Rate of Increase since 1990	159%	117%

### Environmental Health (2008)

Measure	Yukon-Kuskokwim Health Corp.	AK Tribal Health System
Water and Sewer Service Rates	58%	76%