

Alaska Native K-12 Education Indicators

Bristol Bay

***Prepared for:
First Alaskans Institute
Alaska Native Policy Center***

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Bristol Bay Region

Population

Communities included in the Bristol Bay region for determining population are those communities served by the Bristol Bay School, Dillingham City School, Lake and Peninsula Borough School, and Southwest Region School Districts. Communities are as follows:

Aleknagik city	Naknek CDP
Chignik city	New Stuyahok city
Chignik Lagoon CDP	Newhalen city
Chignik Lake CDP	Nondalton city
Clark's Point city	Pedro Bay CDP
Dillingham city	Perryville CDP
Egegik city	Pilot Point city
Ekwok city	Pope-Vannoy Landing CDP
Igiugig CDP	Port Alsworth CDP
Iliamna CDP	Port Heiden city
Ivanof Bay CDP	Portage Creek CDP
King Salmon CDP	South Naknek CDP
Kokhanok CDP	Togiak city
Koliganek CDP	Twin Hills CDP
Levelock CDP	Ugashik CDP
Manokotak city	

Note: CDP is the U.S. Census Bureau abbreviation for Census Designated Place.

More than 60 percent of the Bristol Bay region population was identified as Alaska Native Alone or in combination with some other race for Census 2000. The Alaska Native population is greater than shown in the following table, but Census 2000 sampling and suppression of data for communities with small populations causes an undercount of the actual population.

**Table 30
Bristol Bay Region Demographics Profile**

Bristol Bay Region Demographics Summary				
	Total Population		Alaska Native Alone or in combination with some other race	
	Number	Percent	Number	Percent
Population	7,911		4,801	
Gender				
Male	4,172	52.7	2,497	52.0
Female	3,739	47.3	2,304	48.0
Age				
< 5 years	704	8.9	483	10.1
5 - 14	1,759	22.2	1,271	26.5
15 - 19	687	8.7	479	10.0
20 - 34	1,283	16.2	802	16.7
35 - 44	1,445	18.3	714	14.9
45 - 64	1,613	20.4	766	16.0
65 or more years	420	5.3	286	6.0

Source: U.S. Census Bureau, Census 2000. Total population includes Alaska Natives and in combination with some other race.

The percentage of the Alaska Native population that is school age (ages 5 through 19) is much larger than the percentage of the Bristol Bay population that is school aged, 36.5 percent compared to 30.9 percent.

Enrollment by School District

There are four school districts in the Bristol Bay area with 28 schools. Native enrollment for the school year 2002-2003 was 86.6 percent of the total 1,976 enrollment.

Table 31
Bristol Bay Region Enrollment by School
2002-2003 School Year

District	School	Enrollment				Total
		Native	Percent Native	All Other	Percent All Other	
Bristol Bay Borough Schools	<i>Bristol Bay High School</i>	70	61.4	44	38.6	114
	<i>Naknek Elementary</i>	80	60.2	53	39.8	133
	<i>South Naknek Elementary</i>	13	86.7	2	13.3	15
Dillingham City Schools	<i>Dillingham Elementary</i>	187	72.8	70	27.2	257
	<i>Dillingham Middle/High School</i>	221	79.2	58	20.8	279
Lake & Peninsula Borough Schools	<i>Chignik Bay School</i>	14	100.0	-	0.0	14
	<i>Chignik Lagoon School</i>	18	81.8	4	18.2	22
	<i>Chignik Lake School</i>	37	97.4	1	2.6	38
	<i>Dena'ina School</i>	14	93.3	1	6.7	15
	<i>Egegik School</i>	12	100.0	-	0.0	12
	<i>Igiugig School</i>	15	100.0	-	0.0	15
	<i>Kokhanok School</i>	50	100.0	-	0.0	50
	<i>Levelock School</i>	21	100.0	-	0.0	21
	<i>Meshik School</i>	33	100.0	-	0.0	33
	<i>Newhalen School</i>	78	89.7	9	10.3	87
	<i>Nondalton School</i>	67	98.5	1	1.5	68
	<i>Perryville School</i>	37	100.0	-	0.0	37
	<i>Pilot Point School</i>	22	84.6	4	15.4	26
	<i>Tanalian School</i>	5	26.3	14	73.7	19
	Southwest Region Schools	<i>Aleknagik School</i>	33	100.0	-	0.0
<i>Chief Ivan Blunka School</i>		167	100.0	-	0.0	167
<i>Clarks Point School</i>		17	100.0	-	0.0	17
<i>Koliganek School</i>		79	100.0	-	0.0	79
<i>Manokotak School</i>		142	100.0	-	0.0	142
<i>Portage Creek School</i>		14	100.0	-	0.0	14
<i>Togiak School</i>		227	98.7	3	1.3	230
<i>Twin Hills School</i>		13	100.0	-	0.0	13
	<i>William "Sonny" Nelson School</i>	26	100.0	-	0.0	26
Bristol Bay Total		1,712	86.6	264	13.4	1,976

Source: State of Alaska Department of Education and Early Development.

List of Schools Making AYP

The following schools made Adequate Yearly Progress for the school year 2002-2003:

District	School
Bristol Bay Borough Schools	<i>Bristol Bay High School - Naknek</i>
	<i>Naknek Elementary - Naknek</i>
	<i>South Naknek Elementary - South Naknek</i>
Lake & Peninsula Borough Schools	<i>Chignik Lagoon School - Chignik Lagoon</i>
	<i>Chignik Lake School - Chignik Lake</i>
	<i>Dena'ina School - Pedro Bay</i>
	<i>Egegik School - Egegik</i>
	<i>Igiugig School - Igiugig</i>
	<i>Levelock School - Levelock</i>
	<i>Pilot Point School - Pilot Point</i>
	<i>Tanalian School - Port Alsworth</i>
Southwest Region Schools	<i>Clarks Point School - Clarks Point</i>
	<i>Portage Creek School - Portage Creek</i>
	<i>Twin Hills School - Twin Hills</i>

List of Schools Not Making AYP

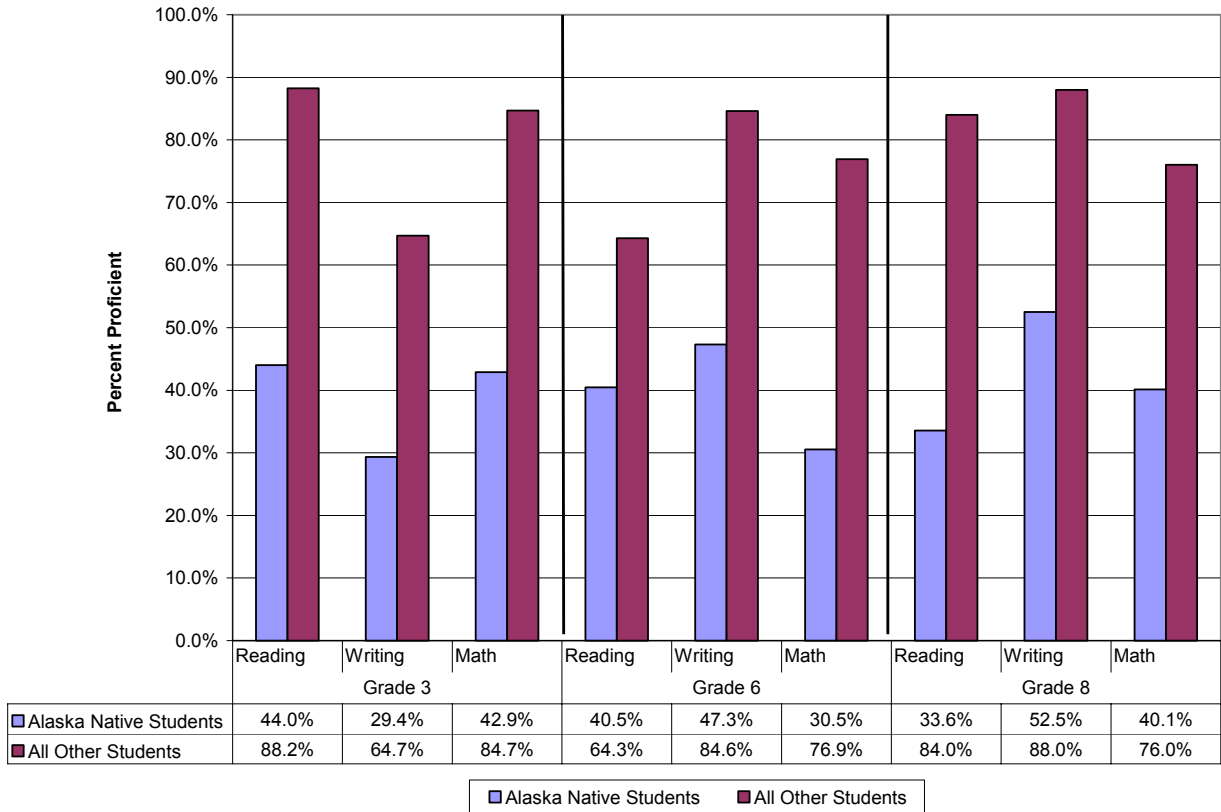
The following schools did not make Adequate Yearly Progress for the school year 2002-2003:

District	School	Reason for not Meeting AYP
Dillingham City Schools	<i>Dillingham Elementary - Dillingham</i>	1. Language Arts scores for Alaska Native and economically disadvantaged students. 2. Math scores for economically disadvantaged students.
	<i>Dillingham Middle/High School - Dillingham</i>	1. Language Arts scores for Alaska Native, economically disadvantaged, and students with disabilities. 2. Math scores for economically disadvantaged and students with disabilities.
Lake & Peninsula Borough Schools	<i>Chignik Bay School - Chignik Bay</i>	Math scores for school as a whole.
	<i>Kokhanok School - Kokhanok</i>	1. Language Arts scores for school as a whole, Alaska native, and economically disadvantaged students. 2. Math scores for school as a whole, Alaska Native, and economically disadvantaged students.
	<i>Meshik School - Port Heiden</i>	Math scores for school as a whole and Alaska Native students.
	<i>Newhalen School - Iliamna</i>	1. Participation rates for economically disadvantaged students. 2. Language Arts scores for Alaska Native and economically disadvantaged students.
	<i>Nondalton School - Nondalton</i>	1. Language Arts scores for school as a whole, Alaska native, and economically disadvantaged students. 2. Math scores for school as a whole, Alaska Native, and economically disadvantaged students.
	<i>Perryville School - Perryville</i>	1. Language Arts scores for school as a whole. 2. Math scores for school as a whole.
	Southwest Region Schools	<i>Aleknagik School - Aleknagik</i>
<i>Chief Ivan Blunka School - New Stuyahok</i>		1. Participation rates for school as a whole, Alaska Native, and students with disabilities. 2. Language Arts scores for school as a whole, Alaska Native, economically disadvantaged, students with disabilities, and limited English proficiency students. 3. Math scores for school as a whole, Alaska Native, economically disadvantaged, students with disabilities, and limited English proficiency students.
<i>Koliganek School - Koliganek</i>		1. Language Arts scores for school as a whole, Alaska Native, economically disadvantaged, and limited English proficiency students. 2. Math scores for school as a whole, Alaska Native, economically disadvantaged, and limited English proficiency students.
<i>Manokotak School - Manokotak</i>		1. Language Arts scores for school as a whole, Alaska Native, economically disadvantaged, students with disabilities, and limited English proficiency students. 2. Math scores for school as a whole, Alaska Native, economically disadvantaged, students with disabilities, and limited English proficiency students.
<i>Togiak School - Togiak</i>		1. Participation rates for school as a whole, Alaska Native, and students with disabilities. 2. Language Arts scores for school as a whole, Alaska Native, economically disadvantaged, students with disabilities, and limited English proficiency students. 3. Math scores for school as a whole, Alaska Native, economically disadvantaged, and limited English proficiency students.
<i>William "Sonny" Nelson School - Ekwok</i>		1. Language Arts scores for school as a whole. 2. Math scores for school as a whole.

Education Benchmarks

School districts included in the Bristol Bay geographic region include the Bristol Bay Borough Schools, Dillingham City Schools, Lake and Peninsula Borough Schools, and the Southwest Region Schools.

Figure 21
Bristol Bay Region Benchmark Results
2002-2003 School Year



Source: State of Alaska Department of Education and Early Development. Missing benchmarks are due to confidential data elements. Due to the suppression and/or absence of data from some schools, benchmark results may not accurately represent the entire region.

Daily Attendance Rates

The Bristol Bay region schools had an average attendance rate of 93.2 percent for the 2001-2002 school year. (See Table 32.) DEED measures attendance rates by taking the sum of all days present for all students in a school for the year and dividing this by the sum of all days present and all days absent for all students in a school for the year. The information is not available by ethnicity and is not yet available for the 2002-2003 school year.

Table 32
Bristol Bay Region Attendance Rates
2001-2002 School Year

District Name	School Name	Attendance Rate
Bristol Bay	Bristol Bay High School	95.7%
Bristol Bay	Naknek Elementary	94.2%
Bristol Bay	South Naknek Elementary	95.6%
Dillingham City	Dillingham Elementary	92.3%
Dillingham City	Dillingham Middle/High School	92.3%
Lake & Peninsula	Chignik Bay School	86.9%
Lake & Peninsula	Chignik Lagoon School	86.4%
Lake & Peninsula	Chignik Lake School	90.9%
Lake & Peninsula	Dena'ina School	94.5%
Lake & Peninsula	Egegik School	92.7%
Lake & Peninsula	Igiugig School	85.6%
Lake & Peninsula	Kokhanok School	97.5%
Lake & Peninsula	Levelock School	90.2%
Lake & Peninsula	Meshik School	93.2%
Lake & Peninsula	Newhalen School	96.4%
Lake & Peninsula	Nondalton School	93.6%
Lake & Peninsula	Perryville School	91.2%
Lake & Peninsula	Pilot Point School	92.6%
Lake & Peninsula	Tanalian School	90.4%
Southwest Region	Aleknagik School	87.6%
Southwest Region	Chief Ivan Blunka School	97.3%
Southwest Region	Clarks Point School	93.7%
Southwest Region	Koliganek School	95.0%
Southwest Region	Manokotak School	93.1%
Southwest Region	Portage Creek School	82.2%
Southwest Region	Togiak School	92.3%
Southwest Region	Twin Hills School	85.3%
Southwest Region	William "Sonny" Nelson School	90.9%
Bristol Bay Region Average		93.2%

Source: State of Alaska Department of Education and Early Development, 2001-2002 school year.

Dropout Rates

A dropout is defined as a student who was enrolled in the school at some time during the school year and left the school at some time during that same school year. The dropout rate for Alaska Native students in the Bristol Bay region for grades 7 through 12 was 0.7 percent for the 2001-2002 school year. This compares to all other students in the Bristol Bay region who dropped out at a rate of 14.3 percent. Several regions' dropout rates appear low, and zero dropouts in a region are unlikely.

Table 33
Bristol Bay Region Dropout Rates for Grades 7 through 12
2001-2002 School Year

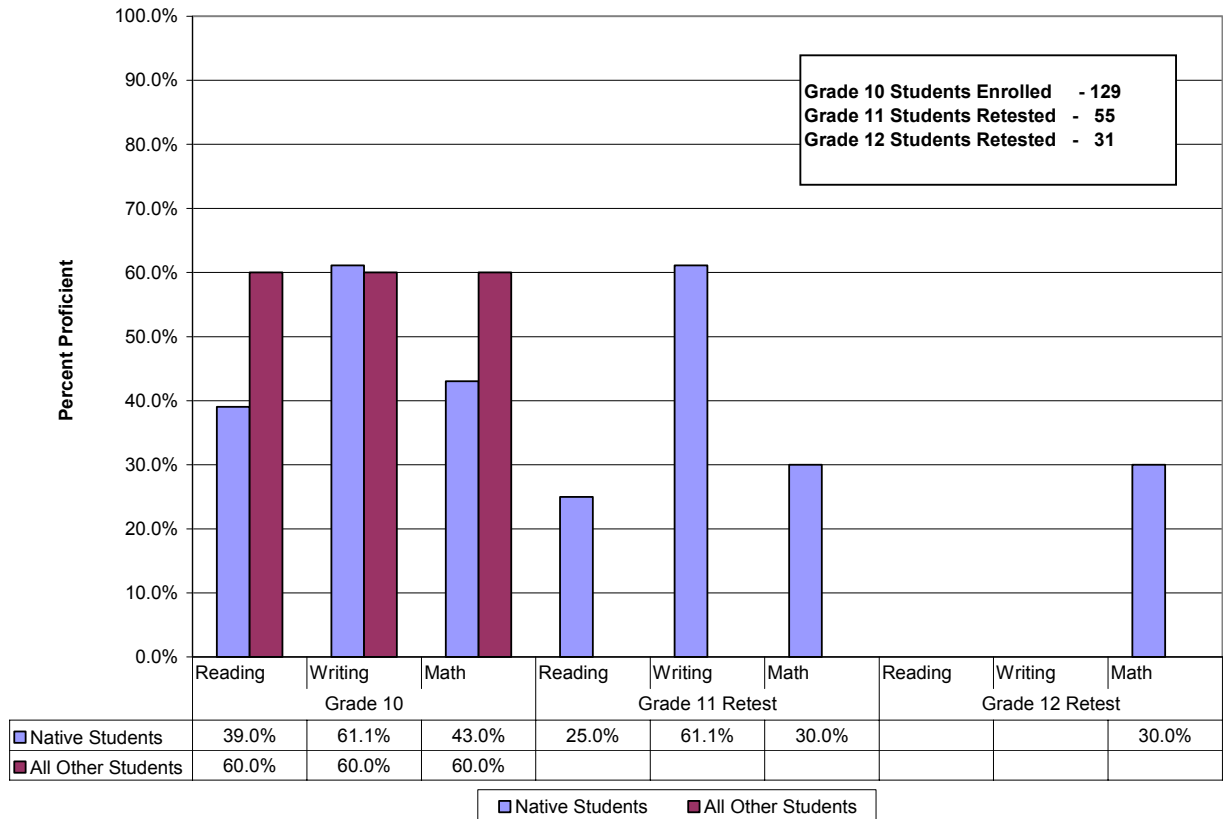
District	School Name	Alaska Native			All Other Students			Total	Total	% Total
		Enrollment	Dropouts	% Dropouts	Enrollment	Dropouts	% Dropouts	Enrollment	Dropouts	Dropouts
Bristol Bay	Bristol Bay Correspondence	0	0	na	1	0	0.0	1	0	0.0
Bristol Bay	Bristol Bay High School	72	3	4.2	37	0	0.0	109	3	2.8
Dillingham	Dillingham Middle/High School	188	2	1.1	55	0	0.0	243	2	0.8
Lake & Peninsula	Chignik Bay School	4	0	0.0	0	0	na	4	0	0.0
Lake & Peninsula	Chignik Lagoon School	8	0	0.0	2	0	0.0	10	0	0.0
Lake & Peninsula	Chignik Lake School	24	0	0.0	0	0	na	24	0	0.0
Lake & Peninsula	Dena'ina School	6	0	0.0	0	0	na	6	0	0.0
Lake & Peninsula	Egegik School	2	0	0.0	0	0	na	2	0	0.0
Lake & Peninsula	Iglugig School	5	0	0.0	0	0	na	5	0	0.0
Lake & Peninsula	Kokhanok School	18	0	0.0	0	0	na	18	0	0.0
Lake & Peninsula	Levelock School	8	0	0.0	0	0	na	8	0	0.0
Lake & Peninsula	Meshik School	14	0	0.0	0	0	na	14	0	0.0
Lake & Peninsula	Newhalen School	35	0	0.0	7	0	0.0	42	0	0.0
Lake & Peninsula	Nondalton School	27	0	0.0	0	0	na	27	0	0.0
Lake & Peninsula	Perryville School	16	0	0.0	0	0	na	16	0	0.0
Lake & Peninsula	Pilot Point School	5	0	0.0	0	0	na	5	0	0.0
Lake & Peninsula	Tanalian School	5	0	0.0	8	0	0.0	13	0	0.0
Southwest Region	Aleknagik School	8	0	0.0	0	0	na	8	0	0.0
Southwest Region	Chief Ivan Blunka School	68	0	0.0	2	5	250.0	70	5	7.1
Southwest Region	Clarks Point School	5	0	0.0	0	0	na	5	0	0.0
Southwest Region	Koliganek School	31	0	0.0	3	1	33.3	34	1	2.9
Southwest Region	Manokotak School	67	0	0.0	1	0	0.0	68	0	0.0
Southwest Region	Portage Creek School	3	0	0.0	0	0	na	3	0	0.0
Southwest Region	Togjak School	86	0	0.0	3	11	366.7	89	11	12.4
Southwest Region	Twin Hills School	2	0	0.0	0	0	na	2	0	0.0
Southwest Region	William "Sonny" Nelson School	7	0	0.0	0	0	na	7	0	0.0
Bristol Bay Region Total		714	5	0.7	119	17	14.3	833	22	2.6

Source: State of Alaska Department of Education and Early Development, 2001-2002 school year. Several regions' dropout rates appear low, and zero dropouts in a region are unlikely.

High School Graduation Qualifying Exams

Bristol Bay region high school graduation qualifying exam results were compiled for the ethnicities and schools that had releasable data. Some grade and subject data were not released. Due to the small number of students who retake the exam in the 11th and 12th grade, much of this data has been suppressed.

Figure 22
Bristol Bay Region High School Graduation Qualifying Exam Results
2002-2003 School Year



Source: State of Alaska Department of Education and Early Development. High school students are first offered the High School Graduation Qualifying Exam in the 10th grade. Students may retake the tests for the subjects which they were not proficient in the 11th or 12th grade. Once a student passes the subject matter, they need not retake the exams. Exam results listed here are for the schools and ethnic categories for which data was released. The number of students retesting is based on the greatest number of students in a given subject matter.

Graduation Rates

Alaska Natives in the Bristol Bay geographic region graduated at the rate of 88.1 percent compared to all other ethnicities which had a graduation rate of 80 percent for the 2001-2002 school year. Graduation rates (until 2002-2003) were calculated by dividing the number of graduates (regular diploma recipients) by the number of 12th grade students that were enrolled on the last day of school. Students receiving Certificates of Attendance are not counted as graduates but are counted in the denominator if they were enrolled on the last day.

Table 34
Bristol Bay Region Graduation Rates
2001-2002 School Year

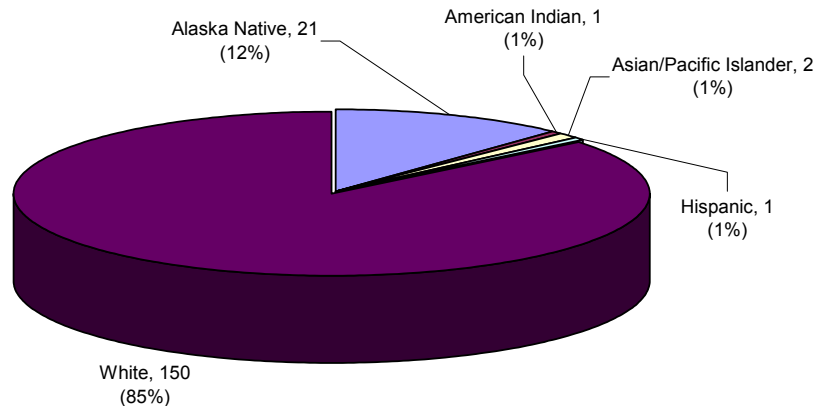
District	School Name	Alaska Natives			All Other Students			Total Enrollment	Total Graduates
		Enrollment	Graduates	% Graduates	Enrollment	Graduates	% Graduates		
Bristol Bay	Bristol Bay High School	12	12	100.0	7	7	100.0	19	19
Dillingham	Dillingham Middle/High School	18	15	83.3	10	9	90.0	28	24
Lake & Peninsula	Egegik School	1	0	0.0	0	0	na	1	0
Lake & Peninsula	Chignik Lagoon School	1	1	100.0	0	0	na	1	1
Lake & Peninsula	Chignik Lake School	2	2	100.0	0	0	na	2	2
Lake & Peninsula	Kokhanok School	5	4	80.0	0	0	na	5	4
Lake & Peninsula	Levelock School	2	2	100.0	0	0	na	2	2
Lake & Peninsula	Newhalen School	5	3	60.0	0	0	na	5	3
Lake & Peninsula	Nondalton School	2	2	100.0	0	0	na	2	2
Lake & Peninsula	Perryville School	4	4	100.0	0	0	na	4	4
Lake & Peninsula	Tanalian School	1	1	100.0	0	0	na	1	1
Southwest Region	Chief Ivan Blunka School	5	5	100.0	1	0	0.0	6	5
Southwest Region	Koliganek School	2	2	100.0	1	0	0.0	3	2
Southwest Region	Manokotak School	14	13	92.9	1	0	0.0	15	13
Southwest Region	Togiak School	10	8	80.0	0	0	na	10	8
Bristol Bay Region Total		84	74	88.1	20	16	80.0	104	90

Source: State of Alaska Department of Education and Early Development, 2001-2002 school year.

Teacher Ethnicity

There were 175 teachers in the Bristol Bay region schools for the 2002-2003 school year. Twenty-one teachers were Alaska Native.

Figure 23
Bristol Bay Region Teacher Ethnicity
2002-2003 School Year



Source: State of Alaska Department of Education and Early Development.