

Population

Communities included in the Bering Straits region for determining population are those communities served by the Bering Straits School and Nome City School Districts. Communities are as follows:

Brevig Mission city	Nome city	Stebbins city
Diomedede city	Port Clarence CDP	Teller city
Elim city	Savoonga city	Unalakleet city
Gambell city	Shaktoolik city	Wales city
Golovin city	Shishmaref city	White Mountain city
Koyuk city	St. Michael city	

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

It is estimated that the population of Bering Straits region has grown by 2 percent (+179 people) between Census 2000 and 2003. Almost 79 percent of the Bering Straits region's population were identified as Alaska Natives, alone or in combination with some other race, for Census 2000. The Alaska Native population is greater than that 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.

31.5 percent of the Bering Straits region's total population are of school age (5 to 19 years), but fully 35.4 percent of the region's Native population are of school age.

Table 45
Bering Straits Region Demographics Profile Census 2000 and 2003 Estimates

	Total Population		Alaska Native Alone or in combination with some other race	
	Number	Percent	Number	Percent
Total Population				
2003 estimate	9,250	--	--	--
Census 2000	9,071	--	7,126	78.6%
Change	+179	+2.0%	--	--
Gender (Census 2000)				
Male	4,894	54.0%	3,805	53.4%
Female	4,177	46.0	3,321	46.6
Age (Census 2000)				
< 5 years	784	8.6%	686	9.6%
5 – 14 years	2,020	22.3	1,771	24.9
15 – 19 years	836	9.2	745	10.5
20 – 34 years	1,810	20.0	1,428	20.0
35 – 44 years	1,418	15.6	982	13.8
45 – 64 years	1,670	18.4	1,060	14.9
65 or more years	533	5.9	454	6.4

Sources: U.S. Census Bureau and Alaska Department of Labor and Workforce Development.

Note: Total population includes Alaska Natives, alone or in combination with some other race. Age, gender, and ethnicity information is not available from the Department of Labor and Workforce Development's 2003 population estimates.

School Inventory and Enrollment

Public school enrollment is the count of students enrolled on October 1, 2003 for the 2003-2004 school year. Therefore, students leaving or entering a school after October 1, 2003 are not reflected in the enrollment figure.

There are two school districts in the Bering Straits area, with 19 public schools. Native enrollment presented 91.2 percent of the total enrollment of 2,537 for the school year 2003-2004. In the 2002-2003 school year Alaska Native enrollment had made up 87.3 percent of a total enrollment of 2,497 students.

Alaska Native "students with disabilities" represented 93.8 percent (332 students) of all students enrolled with disabilities (354 students) in the Bering Straits region.

There were no private schools in the Bering Straits region that reported enrollments to the Department of Education and Early Development.

Table 46
Bering Straits Region
Public School Enrollment by School and Ethnicity
2003 – 2004 School Year

Districts and School Name	Alaska Native		All Other		Total Number
	Number	Percent	Number	Percent	
Bering Straits Schools					
Aniguiin School	95	97.9%	2	2.1%	97
Anthony A. Andrews School	136	98.6	2	1.4	138
Brevig Mission School	118	96.7	4	3.3	118
Diomedes School	42	100.0	-	-	42
Gambell School	182	99.5	1	0.5	183
Hogarth Kingeekuk Memorial School	204	100.0	-	-	204
James C. Isabell School	79	95.2	4	4.8	83
Koyuk-Malemute School	119	98.3	2	1.7	121
Martin L. Olson School	49	96.1	2	3.9	51
Shaktolik School	59	100.0	-	-	59
Shishmaref School	183	98.9	2	1.1	185
Tukurngailnguq School	202	99.5	1	0.5	203
Unalakleet School	197	93.4	14	6.6	211
Wales School	48	100.0	-	-	48
White Mountain School	60	95.2	3	4.8	63
Nome City Schools					
Anvil City Science Academy	16	37.2%	27	62.8%	43
Nome Elementary	300	77.1	89	22.9	389
Nome Youth Facility	8	100.0	-	-	8
Nome-Beltz Jr/Sr High	218	76.0	69	24.0	287
Bering Straits Total	2,315	91.4%	222	8.6%	2,533
<i>Comparison to Previous Year</i>					
<i>Bering Straits Totals 2002-2003 School Year</i>	2,179	87.3%	318	12.7%	2,497
<i>Number Change</i>	+136		-96		+40
<i>Percent Change</i>	+6.2%		-30.2%		+1.6%

Source: Alaska Department of Education and Early Development.

Average Daily Attendance Rates

The Bering Straits region schools had average daily attendance rates of 89.3 percent for the 2003-2004 school year. This represents a decrease (-2.6 percent) over the 2002-2003 school year.

The Alaska Department of Education and Early Development 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. This information is not available by ethnicity.

Table 47
 Bering Straits Region
 Average Daily Attendance Rates by School
 2001 – 2002, 2002 – 2003, and 2003 – 2004 School Years

District and School Name	Attendance Rate (percentage)			Percent Change from 2002-2003 to 2003-2004
	2001-2002	2002-2003	2003-2004	
<i>Bering Strait Schools</i>	90.0%	91.5%	87.5%	-4.0%
Aniguiin School	90.7	89.1	91.3	+2.2
Anthony A. Andrews School	92.0	93.3	90.5	-2.8
Brevig Mission School	89.1	88.9	80.9	-8.0
Diomedea School	83.1	100.0	92.9	-7.1
Gambell School	82.6	86.4	79.4	-7.0
Hogarth Kingeekuk Memorial School	87.7	88.3	78.9	-9.4
James C. Isabell School	86.5	91.0	92.1	+1.1
Koyuk-Malemute School	90.7	92.9	90.9	-2.0
Martin L. Olson School	95.6	94.0	93.1	-0.8
Shaktoolik School	94.5	95.6	94.0	-1.6
Shishmaref School	87.2	90.9	80.6	-10.3
Tukurngailnguq School	91.0	91.8	92.5	+0.7
Unalakleet School	95.9	95.5	94.9	-0.6
Wales School	91.2	88.8	86.8	-2.0
White Mountain School	95.2	93.9	92.4	-1.5
<i>Nome City Schools</i>	91.8%	92.6%	93.4%	+0.8%
Anvil City Science Academy	95.7	96.0	96.3	+0.3
Nome Elementary	92.4	92.7	93.0	+0.3
Nome Youth Facility	N/A	100.0	100.0	0.0
Nome-Beltz Jr/Sr High	91.1	91.7	93.5	+1.7
<i>Bering Straits Region Average</i>	90.5%	91.9%	89.3%	-2.6%

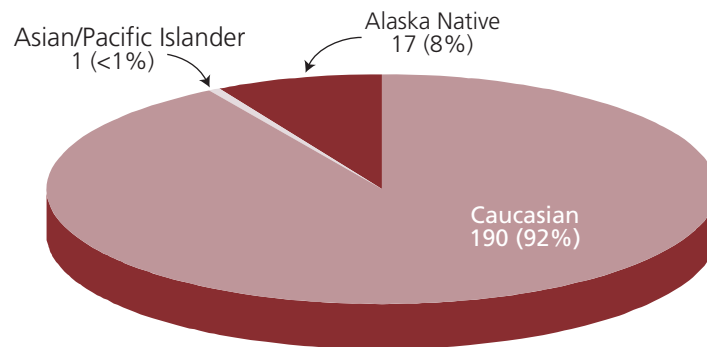
Source: Alaska Department of Education and Early Development.

Note: N/A = Not Available

Teacher Ethnicity

There were 208 teachers (including teachers, head teachers, visiting teachers and remedial specialists) in the Bering Straits region schools for the 2003-2004 school year. Seventeen teachers were Alaska Natives, two more Alaska Native teachers than in the 2002-2003 school year.

Figure 24
Bering Straits Region
Number and Percent of Teachers by Ethnicity
2003 – 2004 School Year



Source: Alaska Department of Education and Early Development.

Educator Turnover

For this report, “educator turnover” includes instances in which a superintendent, principal, or teacher changes his or her job classification within the same school (for instance, a teacher becomes a principal) and/or leaves the school where he or she worked from the 2002-2003 school year to the 2003-2004 school year.

The following table provides educator turnover rates, broken out by superintendents and principals combined and by teachers for the two school districts that are included in the Bering Straits region. The category of teachers includes: teacher, head teacher, visiting teacher, and remedial specialist.

Superintendent/principal turnover in the Bering Straits region was 36.8 percent, and teacher turnover was 45.7 percent.

*Table 48
Bering Straits Region
Educator Turnover by School District
Between 2002 – 2003 and 2003 – 2004 School Years*

District Name	Teachers			Superintendents/Principals		
	Number Employed	Turnover Number	Turnover Percent	Number Employed	Turnover Number	Turnover Percent
Bering Straits Schools	159	82	51.6%	16	5	31.3%
Nome City Schools	49	13	26.5	3	2	66.7
Bering Straits Region Total	208	95	45.7%	19	7	36.8%

Source: Alaska Department of Education and Early Development.

List of Schools Making AYP

Nine out of the 19 Bering Straits region schools made adequate yearly progress in the 2003-2004 school year. Four of these nine schools had not made adequate yearly progress in the 2002-2003 school year.

The following table shows which schools in the Bering Straits region made adequate yearly progress for the school year 2003-2004. This table also indicates whether the school had met AYP in the 2002-2003 school year.

*Table 49
Bering Straits Region
Public Schools Making AYP by School District
2003 – 2004 School Year*

School Name and City	Met AYP in 2002-2003 School Year
Bering Strait Schools	
Diomedes School, Diomedes	No
James C. Isabell School, Teller	No
Koyuk-Malemute School, Koyuk	No
Martin L. Olson School, Golovin	No
Unalakleet School, Unalakleet	Yes
Wales School, Wales	Yes
White Mountain School, White Mountain	Yes
Nome Public Schools	
Anvil City Science Academy, Nome	Yes
Nome Youth Facility, Nome	Yes

Source: Alaska Department of Education and Early Development.

List of Schools Not Making AYP

The table below shows which ten schools in the Bering Straits region did not make adequate yearly progress for the school year 2003-2004. This table also indicates whether the school had met AYP in the 2002-2003 school year.

None of these schools had made adequate yearly progress in the 2002-2003 school year, and all are at either Level 2, 3 or 5 AYP sanctions. AYP Level Sanctions vary, depending on whether the school is receiving Title I funding. All of these ten schools are Title I funded schools. See Appendix A for sanctions for schools receiving or not receiving Title I funds.

Aniguin School in Elim is a safe harbor school. Safe harbor is another way for a school to show it is making progress toward the statewide AYP goals. In general, safe harbor means a school can still make AYP, if it reduces the percent of students who score below proficient on exams by 10 percent from the previous year. For example, if a school is 70 percent not proficient, it would need to make a 7 percent improvement to be safe harbor.

Table 50
Bering Straits Region
Public Schools Not Making AYP by School District
2003 – 2004 School Year

District and School Name	Title I School	AYP Level 2003-2004 School Year	Annual Measurable Objective Not Met in 2003-2004 School Year	Met AYP in 2002-2003 School Year
			(See Legend Key Below)	
Bering Straits Schools				
Aniguin School (SH), Elim	Yes	Level 3	G3, G10	No
Anthony A. Andrews School, St. Michael	Yes	Level 3	LA1, LA3, LA8, LA10, MA1, MA3, MA8, MA10, G1	No
Brevig Mission School, Brevig Mission	Yes	Level 3	LA1, LA3, LA8, LA10, MA1, MA3, MA8, MA10, G1	No
Gambell School, Gambell	Yes	Level 3	LA1, LA3, LA8, LA10, MA1, MA3, MA8, MA10, G1	No
Hogarth Kingeekuk Memorial School, Savoogna	Yes	Level 5	LA1, LA3, LA8, LA10, MA1, MA3, MA8, MA10, G1	No
Shaktoolik School, Shaktoolik	Yes	Level 3	LA1, LA3, LA8, MA1, MA3, MA8, G1	No
Shishmaref School, Shishmaref	Yes	Level 2	LA1, LA3, LA8, LA10, MA1, MA3, MA8, MA10, G1	No
Tukurngailnguq School, Stebbins	Yes	Level 5	LA1, LA3, LA8, LA10, MA1, MA3, MA8, MA10, G1	No
Nome City Schools				
Nome Elementary, Nome	Yes	Level 2	LA1, LA3, LA8, MA3, MA8	No
Nome-Beltz Jr/Sr High, Nome	Yes	Level 2	LA8, MA1, MA3, MA8, G1	No

Legend Key:

P = Participation Rate LA = Language Arts MA = Math A = Attendance G = Graduation Rate
 1 = School as a Whole 2 = African American 3 = Alaska Native 4 = American Indian 5 = Asian
 6 = Caucasian 7 = Hispanic 8 = Economically Disadvantaged 9 = Students with Disabilities
 10 = Limited English Proficiency

Source: Alaska Department of Education and Early Development.

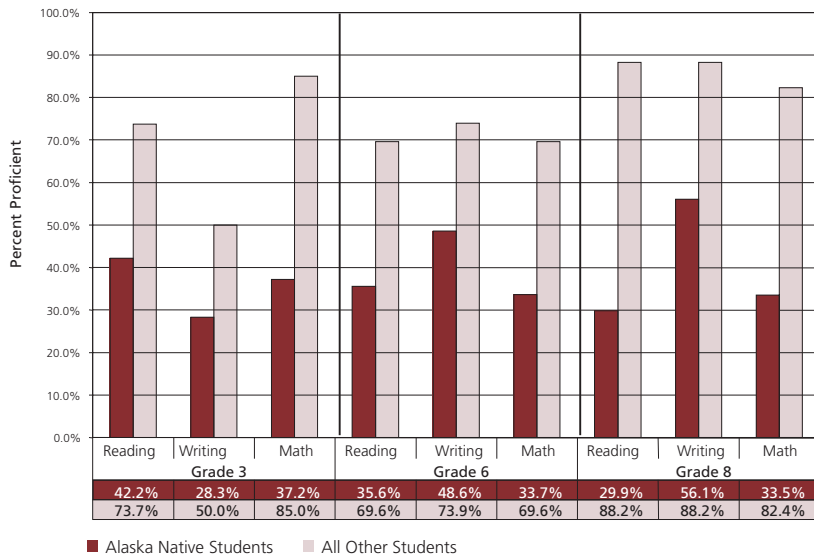
Note: (SH) denotes Safe Harbor.

Benchmark Examinations

School districts included in the Bering Straits region are Bering Straits Schools and the Nome City Schools.

The table below shows the benchmark examination results for students enrolled in the third, sixth, and eighth grades. Alaska Native students have significantly lower test results for all grades and subjects than do students of all other ethnicities combined.

Figure 25
Bering Straits Region
Benchmark Examination Results by Ethnicity, 2003 – 2004 School Year



Source: Alaska Department of Education and Early Development.

Comparisons of Bering Straits region benchmark examination results between the 2002-2003 and 2003-2004 school years for Alaska Native student performance are found in the table below. The two school years may not be directly comparable because some data were withheld, if they might have revealed an individual student's performance. Other variables may include opening and closing of schools within regions and varying student populations for Grades 3, 6, and 8.

Table 51
Bering Straits Region
Benchmark Examination Results for Alaska Native Students
2002 – 2003 and 2003 – 2004 School Years

School Year	Grade 3			Grade 6			Grade 8		
	Reading	Writing	Math	Reading	Writing	Math	Reading	Writing	Math
2003 - 2004	42.2%	28.3%	37.2%	35.6%	48.6%	33.7%	29.9%	56.1%	33.5%
2002 - 2003	42.4%	28.3%	47.4%	32.0%	48.8%	35.3%	24.8%	42.4%	34.1%
Changes (%)	-0.2%	0.0%	-10.1%	+3.6%	-0.3%	-1.7%	+5.0%	+13.7%	-0.5%

Source: Alaska Department of Education and Early Development.

High School Graduation Qualifying Examinations

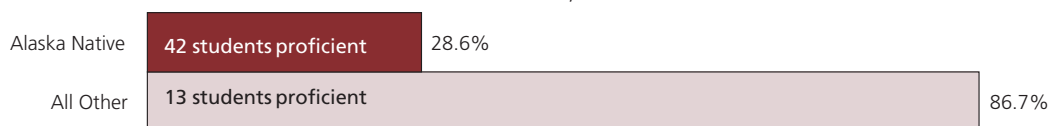
Students are required to pass the Alaska High School Graduation Qualifying Examination in order to receive high school diplomas. Students can begin taking the exam in their sophomore years and are eligible to retake the exam as juniors and seniors for any un-passed portions of the test. Students are offered retests in both the spring and fall of their junior and senior years. Those who do not pass the High School Graduation Qualifying Examination will be denied diplomas and will receive Certificates of Achievement instead.

In the Bering Straits region, significantly lower percentages of Alaska Native students were proficient in the subject areas tested, when compared to all other students.

*Figure 26
Bering Straits Region
High School Graduation Qualifying Exam Proficiency Results
for Grade 10 Test-takers, by Ethnicity
2003 – 2004 School Year*

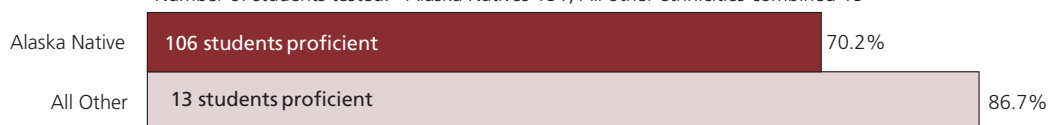
READING

Number of students tested: Alaska Natives 147; All other ethnicities combined 15



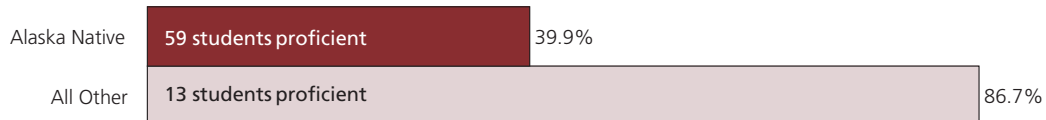
WRITING

Number of students tested: Alaska Natives 151; All other ethnicities combined 15



MATH

Number of students tested: Alaska Natives 148; All other ethnicities combined 15

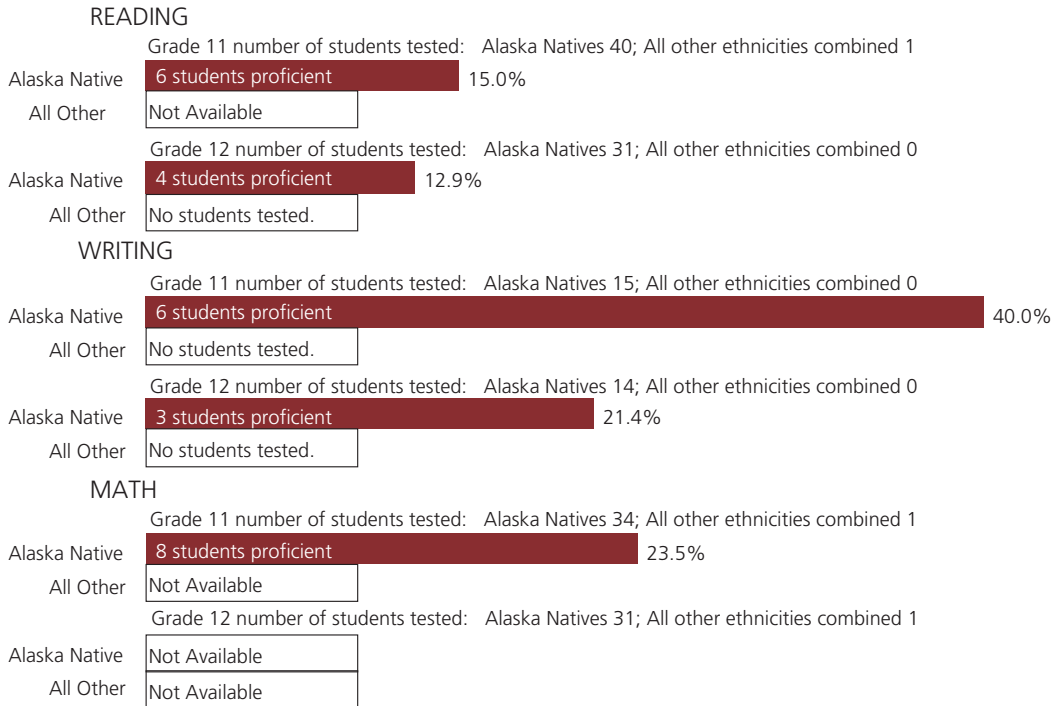


Source: Alaska Department of Education and Early Development.

Note: Proficiency is based on a percent of students who took the test and is not based on enrollment.

Bering Straits region High School Graduation Qualifying Examination results were compiled for the ethnicities and schools that had available data. Some re-testing results for students in the 11th and 12th grades were not available because some data may have revealed an individual student's performance or there were no non-Native students tested.

Figure 27
 Bering Straits Region
 High School Graduation Qualifying Exam Proficiency Results
 for Grade 11 and 12 Re-Testers, by Ethnicity
 2003 – 2004 School Year



Source: Alaska Department of Education and Early Development.

Note: Proficiency is based on a percent of students who took the test and is not based on enrollment.

High School Graduation Rates

In the 2003-2004 school year, the Bering Straits region graduation rate for all students was 50.6 percent. Alaska Native students graduated at a rate of 48.2 percent, compared to 83.3 percent for all other ethnicities combined.

A graduate is defined as a student who has received a regular diploma from a state- or district-approved education program, as evidenced by receipt of a secondary school diploma from school authorities. Any student who receives a diploma under a waiver from the competency examination required in AS 14.03.075 (a), as specified by the state board, is considered to be a graduate. This does not include an individual who receives a Certificate of Achievement.

The No Child Left Behind Act requires the Alaska Department of Education and Early Development to adopt a cohort method for determining high school graduation rates. Beginning in the 2002-2003 school year, the Department switched to a new cohort method to measure the relative percent of students that graduate from high school in four years. For the 2003-2004 school year graduation rate indicator, the cohort includes all students starting high school (Grade 9) in the 2000-2001 school year through their graduation scheduled four years later in the 2003-2004 school year.

The graduation rate formula used by the Alaska Department of Education and Early Development is:

Number of Graduates (2003-2004)

Number of Graduates (2003-2004)

- + *Number of Continuing 12th Grade Students (2003-2004)*
- + *Number of 12th Grade Drop-outs (2003-2004)*
- + *Number of 11th Grade Drop-outs (2002-2003)*
- + *Number of 10th Grade Drop-outs (2001-2002)*
- + *Number of 9th Grade Drop-outs (2000-2001)*

It is important to note there are some limitations with this new methodology. For instance, a student that graduated in five years, rather than four years, would be counted in the next cohort of students. A student that graduates in three years, instead of four, would be counted in the prior cohort. Additionally, in the 2000-2001 and 2001-2002 school years, student-level information was submitted with anonymous information that could not be linked directly with specific students. The Department had no way to check for duplication or to see that the ethnic codes are valid for those two years.

Table 52
 Bering Straits Region
 High School Graduation Rates by School and Ethnicity
 Cohort of 2000-2001 through 2003 – 2004 School Years

District and School Name	Alaska Natives				All Other Ethnicities			
	Number of Graduates	Continuing Students*	Drop-Outs 2001-2004**	Graduation Rate***	Number of Graduates	Continuing Students*	Drop-Outs 2001-2004**	Graduation Rate***
Bering Strait Schools								
Aniguiin School	2	-	7	22.2%	-	-	-	-
Anthony A. Andrews School	2	3	5	20.0	-	-	-	-
Brevig Mission School	2	2	3	28.6	-	-	-	-
Gambell School	5	1	11	29.4	-	-	-	-
Hogarth Kingeekuk Memorial School	4	4	4	33.3	-	-	-	-
James C. Isabell School	2	1	1	50.0	-	-	-	-
Koyuk-Malemute School	6	-	2	75.0	-	-	-	-
Martin L. Olson School	4	-	-	100.0	-	-	-	-
Shaktoolik School	4	4	2	40.0	-	-	-	-
Shishmaref School	8	4	5	47.1	-	-	-	-
Tukurngailn-guq School	4	1	7	33.3	-	-	-	-
Unalakleet School	9	3	3	60.0	-	-	-	-
Wales School	3	1	3	42.9	-	-	-	-
White Mountain School	5	-	1	83.3	-	-	-	-
Nome Schools								
Leonard Seppala High School	-	-	3	0.0	-	-	1	0.0%
Nome-Beltz Jr/Sr High	20	-	5	80.0	10	-	1	90.9
Bering Straits Region Total	80	24	62	48.2%	10	-	2	83.3%

Source: Alaska Department of Education and Early Development.

Notes: * Continuing 12th Grade students include students who did not graduate in the 12th year but remained enrolled in school to complete course work toward graduation in the following year(s).

** Includes a sum of total student drop-outs from the 2000-2001, 2001-2002, 2002-2003, 2003-2004 school years.

*** Graduation rates are calculated using the following formula: $\text{Number of Graduates} \div (\text{Number of Graduates} + \text{Number of Continuing Students} + \text{Number of Drop-outs (2000/2001 to 2003/2004)})$.

Drop-Out Rates

A drop-out 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.

Bering Straits region drop-out rates are displayed in the following table for the 2003–2004 school year. Reporting, calculating, and interpreting drop-out rates are subject to error and should be viewed with some caution, when reported at the region and school district levels. Drop-out rates do not directly correspond to high school graduation rates because graduation rates use a cohort method of calculation (over the past four years), rather than a single-year event, and do not include 7th and 8th grades.

The drop-out rate for Alaska Native students in the Bering Straits region for grades 7 through 12 was 7.3 percent for the 2003-2004 school year. This compares to all other students in the Bering Straits region who dropped out at a rate of 1.0 percent.

When compared to 2001-2002 school year drop-out figures, it appears that drop-outs have decreased for the region.

*Table 53
Bering Straits Region
Drop-Out Rates for Grades 7 through 12 by School and Ethnicity
2001-2002 and 2003 – 2004 School Year*

District and School Name	Alaska Native Students			All Other Students			Total Students		
	Enrollment	Drop-outs	% Drop-outs	Enrollment	Drop-outs	% Drop-outs	Enrollment	Drop-outs	% Drop-outs
Bering Strait Schools									
Aniguiin School	46	5	10.9%	1	0	0.0%	47	5	10.6%
Anthony A. Andrews School	50	5	10.0	2	0	0.0	52	5	9.6
Brevig Mission School	42	2	4.8	1	0	0.0	43	2	4.7
Diomedea School	16	3	18.8	0	0	-	16	3	18.8
Gambell School	69	12	17.4	0	0	-	69	12	17.4
Hogarth Kingeekuk Memorial School	79	7	8.9	0	0	-	79	7	8.9
James C. Isabell School	38	5	13.2	0	0	-	38	5	13.2
Koyuk-Malemute School	53	5	9.4	0	0	-	53	5	9.4
Martin L. Olson School	23	0	0.0	0	0	-	23	0	0.0
Shaktoolik School	28	2	7.1	0	0	-	28	2	7.1
Shishmaref School	79	2	2.5	2	0	0.0	81	2	2.5
Tukurngailnguq School	85	6	7.1	0	0	-	85	6	7.1
Unalakleet School	93	2	2.2	6	0	0.0	99	2	2.0
Wales School	21	3	14.3	0	0	-	21	3	14.3
White Mountain School	31	0	0.0	1	0	0.0	32	0	0.0
Nome City Schools									
Anvil City Science Academy	5	0	0.0	16	0	0.0	21	0	0.0
Nome Youth Facility	8	2	25.0	0	0	-	8	2	25.0
Nome-Beltz Jr/Sr High	218	11	5.0	69	1	1.4	287	12	4.2
Bering Straits Region Total	984	72	7.3%	98	1	1.0%	1,082	73	6.7%
Comparison to 2001-2002 School Year									
Bering Straits Totals									
2001-2002 School Year	794	74	9.3%	207	5	2.4%	1,001	79	7.9%
Number Change	+190	-2		-109	-4		+81	-6	
Percent Change	+23.9%	-2.7%		-52.7%	-80.0%		+8.1%	-7.6%	

Source: Alaska Department of Education and Early Development.