



# KENAI PENINSULA BOROUGH SCHOOL DISTRICT

## Assistant Superintendent

Sean Dusek

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## *Memorandum*

To: Board of Education

From: Sean Dusek, Assistant Superintendent

Date: October 26, 2009

Re: Class Size Enrollment Report 2009-10

The annual Class Size Enrollment Report is an important data set because it provides a cross check with student projections and staffing decisions. The size and configuration of our schools makes comparisons difficult. It is important to view each school individually, as well as compare schools of similar size. In addition to the Class Size Report, information is included that lists the Number of Sections for each school; a Class Size Comparison by Year for the last six years; and a Comparison of Pupil Teacher Ratios (PTR). The PTR comparison is one way to look at equitable staffing in all our schools. The information provided in the report displays individual school sites. Additionally, in the communities of Kenai, Nikiski, Seward, Soldotna, and Homer, schools were placed in similar tables. For the purpose of analysis, we elected to group schools in the same way that the Human Resources Department does for staffing purposes. The groupings are as follows:

- large high schools
- middle schools
- elementary and K-8 schools
- small schools, and
- other schools

Please keep in mind that whenever data is aggregated, there is a risk in making unfair comparisons. For instance, it is more difficult to staff smaller schools because they are inherently less efficient to operate than larger schools.

Attachment: KPBSD Annual Class Size Enrollment Report 2009-10 Summary

<b>KPBSD Annual Class Size Enrollment Report - 2009/2010</b>				
<b>SCHOOL</b>	<b>Cert. FTE*</b>	<b>Enrollment</b>	<b>Class Size Average</b>	<b>Pupil/Teacher Ratio</b>
<b>Large High Schools</b>				
Homer High	19.00	363	21.9	19.1
Kenai Central High	25.00	561	21.4	22.4
Nikiski High	14.45	248	18.8	17.2
Skyview High	21.50	381	20.2	17.7
Seward High	10.75	166	15.8	15.4
Soldotna High	26.00	515	22.1	19.8
<b>TOTAL</b>	<b>116.70</b>	<b>2,234.0</b>		<b>19.1</b>
<b>Middle Schools</b>				
Homer Middle	10.00	206	24.1	20.6
Kenai Middle	18.00	363	21.5	20.2
Nikiski Middle	6.30	114	19.0	18.1
Seward Middle	5.50	90	19.3	16.4
Soldotna Middle	20.50	430	21.1	21.0
<b>TOTAL</b>	<b>60.30</b>	<b>1,203.0</b>		<b>20.0</b>
<b>Elementary Schools</b>				
<b>K-8</b>				
Chapman	6.70	89	14.5	13.3
K-Beach	20.00	434	21.7	21.7
McNeil Canyon	7.00	137	19.6	19.6
Mt. View	20.00	430	21.5	21.5
Nikiski North Star El	17.00	382	22.5	22.5
Paul Banks	11.00	217	21.7	19.7
Redoubt	16.00	372	23.3	23.3
Seward Elementary	12.00	277	23.1	23.1
Soldotna Elementary	11.00	243	22.1	22.1
Sterling	8.00	133	16.6	16.6
Tustumena	8.00	153	19.1	19.1
West Homer Elementary	11.00	237	21.5	21.5
<b>TOTAL</b>	<b>147.70</b>	<b>3,104</b>		<b>21.0</b>
<b>Small Schools</b>				
Cooper Landing	1.00	6	6.0	6.0
Hope	1.00	15	15.0	15.0
Kachemak Selo	5.50	84	18.2	15.3
Moose Pass	1.50	15	7.5	10.0
Nanwalek	4.00	69	13.6	17.3
Nikolaevsk	5.00	73	12.7	14.6
Ninilchik	10.00	167	16.8	16.7
Pt. Graham	1.50	15	6.3	10.0
Razdolna	1.50	38	19.0	25.3
S.B. English	4.10	45	8.1	11.0
Tebughna	3.50	30	6.1	8.6
Voznesenka	8.00	97	12.2	12.1
<b>TOTAL</b>	<b>46.60</b>	<b>654</b>		<b>14.0</b>
<b>Charter Schools</b>				
Aurora Borealis	10.50	182	17.2	17.3
Fireweed	4.00	74	18.5	18.5
Kaleidoscope	11.00	248	22.5	22.5
Soldotna Montessori	7.00	159	22.7	22.7
<b>TOTAL</b>	<b>32.50</b>	<b>663</b>		<b>20.4</b>
<b>Other Schools</b>				
Homer Flex	3.00	36	8.1	12.0
Kenai Alternative	5.00	81	14.4	16.2
River City	2.50	57	18.1	22.8
Spring Creek	3.00	20	6.7	6.7

\* FTE = Full Time Equivalent

Class Size Average = sum of the # of students enrolled in classes divided by the # of classes

Pupil/Teacher Ratio (PTR) = total of school enrollment divided by the FTE

KPBSD Annual Class Size Enrollment													Cert. FTE*												
SCHOOL		Cert. FTE*						Enrollment						Class Size Average						P/T Ratio					
	04-05	05-06	06-07	07/08	08/09	09/10	04-05	05-06	06-07	07/08	08/09	09/10	04-05	05-06	06-07	07/08	08/09	09/10	04-05	05-06	06-07	07/08	08/09	09/10	
Large High Schools																									
Homer High	21.5	23.4	22.5	22.0	21.0	19.0	452	466	490	442	410	363	25.0	24.2	24.0	22.0	22.0	21.9	21.0	19.9	21.8	20.1	19.5	19.1	
Kenai Central High	22.5	23.0	22.6	26.8	25.5	25.0	504	488	520	514	525	561	25.9	25.6	25.4	22.1	21.3	21.4	22.4	21.2	23.0	19.2	20.6	22.4	
Skyview High	23.5	24.9	23.9	20.2	21.5	21.5	523	528	491	450	462	381	25.8	25.8	23.9	25.0	23.2	20.2	22.3	21.2	20.6	22.3	21.5	17.7	
Soldotna High	22.5	26.0	25.5	24.9	26.5	26.0	503	507	555	526	521	515	26.1	25.2	22.9	24.2	21.2	22.1	22.4	19.5	21.8	21.1	19.7	19.8	
High Schools																									
Nikiski High	12.4	11.2	10.5	12.6	13.7	14.5	283	266	242	242	243	248	24.3	27.3	24.1	21.0	21.0	18.8	22.8	23.8	23.2	19.3	17.7	17.2	
Seward High	11.8	12.0	11.7	9.0	11.0	10.8	234	214	207	173	195	166	21.2	20.3	17.9	20.4	16.5	15.8	19.9	17.8	17.8	19.2	17.7	15.4	
Middle Schools																									
Homer Middle	10.4	9.5	8.8	8.7	10.0	10.0	241	208	214	199	190	206	25.6	21.7	28.4	26.7	22.7	24.1	23.2	21.9	24.5	22.9	19.0	20.6	
Kenai Middle	16.5	17.5	17.0	16.5	16.0	18.0	357	382	386	366	371	363	24.8	25.1	25.0	24.8	24.1	21.5	21.6	21.8	22.7	22.2	23.2	20.2	
Nikiski Middle	6.0	5.8	7.6	6.8	6.3	6.3	129	123	141	143	122	114	25.0	23.2	21.1	20.6	18.7	19.0	21.5	21.2	18.7	21.2	19.4	18.1	
Seward Middle	5.5	5.0	4.9	5.0	6.2	5.5	112	108	91	89	98	90	21.4	21.6	22.5	19.8	16.6	19.3	20.4	21.6	18.8	17.8	15.9	16.4	
Soldotna Middle	23.9	22.9	21.5	21.0	22.5	20.5	512	515	488	464	442	430	24.7	25.6	24.2	23.1	20.5	21.1	21.5	22.5	22.7	22.1	19.6	21.0	
Elementary Schools																									
K-8																									
Chapman	7.5	6.5	7.0	5.5	6.5	6.7	134	113	125	96	95	89	19.7	16.3	19.6	15.4	16.6	14.5	17.9	17.4	17.9	17.5	14.6	13.3	
K-Beach	17.0	19.0	20.0	20.0	20.0	20.0	434	449	455	440	426	434	25.5	23.6	22.8	22.0	21.3	21.7	25.5	23.6	22.8	22.0	21.3	21.7	
McNeil Canyon	5.0	6.5	5.5	6.0	7.0	7.0	124	117	122	105	135	137	24.8	19.5	20.3	17.5	19.3	19.6	24.8	18.0	22.2	17.5	19.3	19.6	
Mt. View	12.0	12.0	10.0	18.0	19.0	20.0	325	285	235	428	436	430	27.1	23.8	23.5	23.8	22.9	21.5	27.1	23.8	23.5	23.8	22.9	21.5	
Nikiski North Star	16.0	17.0	16.0	17.0	16.0	17.0	389	392	413	383	357	382	24.3	23.1	24.8	22.4	22.3	22.5	24.3	23.1	25.8	22.5	22.3	22.5	
Paul Banks	10.0	10.0	9.0	10.0	10.0	11.0	215	205	194	214	207	217	21.5	20.5	21.8	21.4	20.7	21.7	21.5	20.5	21.6	21.4	20.7	19.7	
Redoubt	16.0	18.0	17.5	16.0	16.0	16.0	412	400	388	365	374	372	25.8	22.2	22.5	22.8	23.4	23.3	25.8	22.2	22.2	22.8	23.4	23.3	
Seward Elementary	11.5	13.0	12.0	11.0	12.0	12.0	302	291	272	265	258	277	25.2	22.4	22.7	24.1	21.5	23.1	26.3	22.4	22.7	24.1	21.5	23.1	
Soldotna Elementary	11.0	11.0	11.0	10.0	11.0	11.0	268	258	245	239	257	243	24.4	23.5	22.3	23.8	23.4	22.1	24.4	23.5	22.3	23.9	23.4	22.1	
Sterling	8.0	8.0	8.0	8.0	9.0	8.0	202	178	180	169	158	133	25.3	22.3	22.5	21.1	17.6	16.6	25.3	22.3	22.5	21.1	17.6	16.6	
Tustumena	7.0	7.0	7.0	7.0	8.0	8.0	167	169	171	157	154	153	23.9	24.1	24.4	22.4	19.3	19.1	23.9	24.1	24.4	22.4	19.3	19.1	
West Homer	10.0	11.0	10.0	10.0	11.0	11.0	253	240	226	244	257	237	25.3	21.8	22.3	24.4	23.4	21.5	25.3	21.8	22.6	24.4	23.4	21.5	

KPBSD Annual Class Size Enrollment													Cert. FTE*												
SCHOOL		Cert. FTE*					Enrollment						Class Size Average						P/T Ratio						
	04-05	05-06	06-07	07/08	08/09	08/09	04-05	05-06	06-07	07/08	08/09	08/09	04-05	05-06	06-07	07/08	08/09	08/09	04-05	05-06	06-07	07/08	08/09	08/09	
Small Schools																									
Cooper Landing	1.0	1.0	1.0	1.0	1.0	1.0	12	11	11	12	11	6	12.0	11.0	11.0	12.0	11.0	6.0	12.0	11.0	11.0	12.0	11.0	6.0	
Hope	1.0	1.0	1.0	1.0	1.0	1.0	14	12	15	15	11	15	14.0	3.9	15.0	15.0	11.0	15.0	14.0	12.0	15.0	15.0	11.0	15.0	
Kachemak Selo	4.5	5.0	5.0	5.0	5.5	5.5	82	87	88	86	83	84	14.8	17.3	17.2	18.0	17.3	18.2	18.2	17.4	17.6	17.2	15.1	15.3	
Moose Pass	2.0	2.0	2.0	2.0	2.0	1.5	37	33	29	29	29	15	18.5	16.5	14.5	14.5	14.5	7.5	18.5	16.5	14.5	14.5	14.5	10.0	
Nanwalek	3.8	4.0	3.5	3.0	4.5	4.0	64	57	65	61	67	69	16.0	17.7	18.0	20.3	14.7	13.6	17.1	14.3	18.6	20.3	14.9	17.3	
Pt. Graham	2.0	2.0	1.0	2.5	2.0	1.5	28	21	20	26	20	15	14.0	12.6	9.3	10.1	6.3	6.3	14.0	10.5	20.0	10.4	10.0	10.0	
Razdolna	2.0	2.0	2.0	2.0	3.5	1.5	38	26	36	37	49	38	19.0	12.3	12.7	12.3	14.9	19.0	19.0	13.0	18.0	18.5	14.0	25.3	
S.B. English	4.3	4.3	4.6	3.5	4.8	4.1	64	72	66	64	63	45	13.7	13.0	12.2	15.9	9.9	8.1	15.1	16.0	14.3	18.3	13.3	11.0	
Tebughna	3.5	4.0	3.5	3.5	3.0	3.5	42	50	45	32	36	30	15.3	9.1	11.5	7.5	8.6	6.1	12.0	12.5	12.9	9.1	12.0	8.6	
Small Schools																									
Nikolaevsk	5.3	5.0	4.6	3.0	4.5	5.0	73	68	60	58	74	73	15.9	13.1	13.7	15.0	15.2	12.7	13.9	13.6	13.0	19.3	16.4	14.6	
Ninilchik	9.4	10.5	9.8	10.0	10.5	10.0	196	171	157	162	168	167	20.1	16.5	15.0	18.8	17.9	16.8	20.8	16.3	16.1	16.2	16.0	16.7	
Voznesenka	7.0	8.0	8.5	7.0	7.0	8.0	130	127	125	118	118	97	18.2	17.7	15.7	17.4	14.9	12.2	18.6	15.9	14.7	16.9	16.9	12.1	
Charter Schools																									
Aurora Borealis	10.0	9.0	10.0	10.0	10.0	10.5	178	180	178	180	184	182	19.8	20.0	15.9	16.0	18.4	17.2	17.8	20.0	17.8	18.0	18.4	17.3	
Fireweed	2.0	3.0	4.0	4.0	4.0	4.0	34	50	66	76	73	74	17.0	16.7	16.5	19.0	18.3	18.5	17.0	16.7	16.5	19.0	18.3	18.5	
Kaleidoscope	4.0	5.0	7.0	9.0	10.0	11.0	88	115	161	196	233	248	22.0	23.0	22.7	21.8	23.3	22.5	22.0	23.0	23.0	21.8	23.3	22.5	
Soldotna Montessori	5.0	6.0	7.0	7.0	7.0	7.0	102	126	161	160	161	159	20.4	21.0	23.0	22.9	23.0	22.7	20.4	21.0	23.0	22.9	23.0	22.7	
Other																									
Homer Flex	3.0	3.0	3.0	3.0	3.0	3.0	45	37	37	31	38	36	10.3	8.7	10.8	9.7	11.1	8.1	15.0	12.3	12.3	10.3	12.7	12.0	
Kenai Alternative	4.5	5.5	5.0	5.0	4.5	5.0	57	70	86	88	100	81	12.2	12.9	17.6	19.3	21.4	14.4	12.7	12.7	17.2	17.6	22.2	16.2	
River City	^	^	^	2.0	2.0	2.5	^	^	^	32.0	36	57	^	^	^	14.5	16.4	18.1	^	^	^	16.0	18.0	22.8	
Spring Creek	3.0	3.0	3.5	3.0	3.0	3.0	43	38	36	33	27	20	14.3	7.6	12.0	11.0	9.0	6.7	14.3	12.7	14.7	16.9	16.9	12.1	

\* FTE = Full Time Equivalent

Class Size Average = sum of the # of students enrolled in classes divided by the # of classes

Pupil/Teacher Ratio (PTR) = total of school enrollment divided by the FTE

^Not open this year

<b>KPBSD Annual Class Size Enrollment Report - 2009/2010 BY GEOGRAPHICAL AREA</b>			
<b>AREA</b>	<b>Cert. FTE*</b>	<b>Enrollment</b>	<b>Pupil/Teacher Ratio</b>
<b>Homer Area Schools</b>			
Chapman	6.7	89	13.3
Homer HS	19.0	363	19.1
Homer Middle	10.0	206	20.6
McNeil Canyon	7.0	137	19.6
Paul Banks	11.0	217	19.7
West Homer Elementary	11.0	237	21.5
<b>TOTAL</b>	<b>64.7</b>	<b>1,249.0</b>	<b>19.3</b>
<b>Kenai Area Schools</b>			
Kenai Central	25.0	561	22.4
Kenai Middle	18.0	363	20.2
Mt. View	20.0	430	21.5
<b>TOTAL</b>	<b>63.0</b>	<b>1,354.0</b>	<b>21.5</b>
<b>Nikiski Area Schools</b>			
Nikiski North Star El	17.0	382	22.5
Nikiski Middle	6.3	114	18.1
Nikiski High	14.5	248	17.2
<b>TOTAL</b>	<b>37.8</b>	<b>744</b>	<b>19.7</b>
<b>Seward Area Schools</b>			
Seward Elementary	12.0	277	23.1
Seward High	10.8	166	15.4
Seward Middle	5.5	90	16.4
<b>TOTAL</b>	<b>28.3</b>	<b>533</b>	<b>18.9</b>
<b>Soldotna Schools</b>			
Redoubt	16.0	372	23.3
Soldotna Elementary	11.0	243	22.1
Soldotna High	26.0	515	19.8
Soldotna Middle	20.5	430	21.0
<b>TOTAL</b>	<b>73.5</b>	<b>1,560</b>	<b>21.2</b>
<b>Soldotna Area Schools</b>			
K-Beach	20.0	434	21.7
Skyview	21.5	381	17.7
Sterling	8.0	133	16.6
Tustumena	8.0	153	19.1
<b>TOTAL</b>	<b>57.5</b>	<b>1,101</b>	<b>19.1</b>

\* FTE = Full Time Equivalent

<b>KPBSD Districtwide Annual Class Size Enrollment Report SY 2009/2010</b>						
<b>SCHOOL</b>	<b>Number of Sections</b>					
	<b>1-9</b>	<b>10-14</b>	<b>15-19</b>	<b>20-24</b>	<b>25-29</b>	<b>30+</b>
Aurora Borealis		7	7	7		
Chapman	1	6	3	1		
Cooper Landing	1					
Fireweed Academy			4			
Homer Flex	16	7	2	2		
Homer High	2	12	18	31	25	5
Homer Middle	2		8	29	7	4
Hope			1			
Kachemak Selo		2	7	6		
Kaleidoscope			2	9		
K-Beach			3	13	4	
Kenai Alternative	4	9	3			1
Kenai Central	5	19	28	33	43	12
Kenai Middle	10	8	22	40	17	15
McNeil Canyon		1	2	4		
Moose Pass	2					
Mt. View			5	11	4	
Nanwalek	4	5	6	1		
Nikiski High	4	8	16	27	13	9
Nikiski Middle	9	4	11	10	9	4
Nikiski North Star			1	15	1	
Nikolaevsk	6	3	4	2		
Ninilchik	1	11	9	3	4	
Paul Banks			1	8	1	
Port Graham	8					
Razdolna			1	1		
Redoubt			3	6	7	
River City	1	1	7	5	1	
Seward Elementary				10	2	
Seward High	14	19	16	6	5	5
Seward Middle	2	3	9	15	4	
Skyview	9	20	22	44	24	9
Soldotna Elementary			3	6	1	1
Soldotna High	4	13	37	46	38	17
Soldotna Middle	1	19	44	45	29	9
Soldotna Montessori				7		
Spring Creek	9					
Sterling Elementary		2	4	2		
Susan B. English	11	6				
Tebughna	11	3				
Tustumena		2	3	2	1	
Voznesenka	8	13	5	3		
West Homer			3	6	2	
<b>TOTAL</b>	<b>145</b>	<b>203</b>	<b>320</b>	<b>456</b>	<b>242</b>	<b>91</b>

<b>KPBSD Districtwide Annual Class Size Enrollment Report (2008/2009)</b>						
<b>BY SCHOOL TYPE</b>						
<b>SCHOOL</b>	<b>Number of Sections</b>					
	<b>1-9</b>	<b>10-14</b>	<b>15-19</b>	<b>20-24</b>	<b>25-29</b>	<b>30+</b>
<b>Elementary Schools</b>						
Chapman	1	6	3	1		
K-Beach			3	13	4	
Kaleidoscope			2	9		
McNeil Canyon		1	2	4		
Mt. View			5	11	4	
Nikiski North Star			1	15	1	
Paul Banks			1	8	1	
Redoubt			3	6	7	
Seward Elementary				10	2	
Soldotna Elementary			3	6	1	1
Soldotna Montessori				7		
Sterling Elementary		2	4	2		
Tustumena		2	3	2	1	
West Homer			3	6	2	
<b>TOTAL</b>	<b>1</b>	<b>11</b>	<b>33</b>	<b>100</b>	<b>23</b>	<b>1</b>
<b>Middle Schools</b>						
Homer Middle	2		8	29	7	4
Kenai Middle	10	8	22	40	17	15
Nikiski Middle	9	4	11	10	9	4
Seward Middle	2	3	9	15	4	
Soldotna Middle	1	19	44	45	29	9
<b>TOTAL</b>	<b>24</b>	<b>34</b>	<b>94</b>	<b>139</b>	<b>66</b>	<b>32</b>
<b>High School</b>						
Homer Flex	16	7	2	2		
Homer High	2	12	18	31	25	5
Kenai Alternative	4	9	3			1
Kenai Central High	5	19	28	33	43	12
Nikiski High	4	8	16	27	13	9
Seward High	14	19	16	6	5	5
Skyview	9	20	22	44	24	9
Soldotna High	4	13	37	46	38	17
<b>TOTAL</b>	<b>58</b>	<b>107</b>	<b>142</b>	<b>189</b>	<b>148</b>	<b>58</b>
<b>Other Schools</b>						
Aurora Borealis		7	7	7		
Cooper Landing	1					
Fireweed Academy			4			
Hope			1			
Kachemak Selo		2	7	6		
Moose Pass	2					
Nanwalek	4	5	6	1		
Nikolaevsk	6	3	4	2		
Ninilchik	1	11	9	3	4	
River City						
Port Graham	8					
Razdolna			1	1		
Spring Creek	9					
Susan B. English	11	6				
Tebughna	11	3				
Voznesenka	8	13	5	3		
<b>TOTAL</b>	<b>61</b>	<b>50</b>	<b>44</b>	<b>23</b>	<b>4</b>	<b>0</b>