



# Hot Topics

## K-3 Funding Formula Walk-through

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# Agenda

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- History
- When are the compliance calculations performed?
- Which staff are included?
- Supplemental teacher reporting tool
- Class size calculation
- Class size used to generate the allocation
- Compliance Report may have error
- Maximizing state funding



# History

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- K-3 class size compliance requirements for high poverty and non-high poverty 2015-17 biennial appropriations act in section 502 on page 204

*“(B) For grades kindergarten through three, the superintendent shall allocate funding for class size reductions to the extent of, and in proportion to, the **school district**’s demonstrated actual weighted average class size for grades kindergarten through three down to the weighted average class size specified in subsections 2(c)(i) (A) of this section. At a minimum, the superintendent must allocate funding sufficient to fund a weighted average class size not to exceed 25.23 full-time equivalent students per teacher in these grades.”*

- WAC sections 392-140-915 through 392-140-945
- Effective 2015-16 and 2016-17 school years
- 2017-18 budgets have the same class size of 17 for both high poverty and non-high poverty and neither have K-3 compliance requirements.



# When are the compliance calculations performed?

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- S-275 data will be pulled three times a school year; January, March & June  
Final calculation for 2016-17 will be performed June 20, 2017.
- Verify all staff data in S-275 are correct:  
Personnel Reporting Instructions <http://www.k12.wa.us/safs/INS/PER/1617/ph.asp>  
Preliminary Personnel Summary Reports <http://www.k12.wa.us/safs/PUB/PER/1617/ps.asp>
- Verify all student enrollment is displayed in the correct funded group:  
K-3 High Poverty Class Size Eligibility List <http://www.k12.wa.us/SAFS/17budprp.asp>



# Which staff are included?

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- Teachers coded to program 01-Basic Education grade groupings K, 1, 2, and 3:
  - Duty root 31–Elementary Homeroom Teacher
  - Duty root 33–Other Teacher
  - Duty root 34–Elementary Specialist Teacher
  - Duty root 52–Substitute Teacher
  - Duty root 63–Contractor Teacher
  - *Specialists such as P.E. and music teachers should be coded to duty root 34 not duty root 31.*
  - *Librarians, counselors or other ESA staff are not included.*
  - *ALE teachers as well as students are not included.*
- A portion of program 21 teachers will be included using your district’s 3121 revenue.



# Supplemental teacher reporting tool

Districts are to utilize the tool as a means of reporting supplemental teachers per WAC-140-934.

This form bridges the gap for teachers starting/changing assignments after the October 1<sup>st</sup> date and is available on SAFS website <http://www.k12.wa.us/SAFS/default.asp>.

1. Enter grade level impacted (K, 1, 2, or 3)
2. Enter "X" in either "New" or "Reassigned" box
3. Enter duty root, first and last name of teacher
4. Enter positive or negative FTE value compared to the baseline S-275 reporting (the sum of a new teacher's FTE will be less than 1)
5. Sum all the FTE changes by grade level in **Net Impact section**

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K-3 Supplemental Teachers at Non- High Poverty Schools						
Grade	New	Re- Assigned	Duty Root	First Name	Last Name	FTE (+/-)

Net Impact of Supplemental Teachers At Non-High Poverty Schools						
K						
1						
2						
3						

K-3 Supplemental Teachers at High Poverty Schools						
Grade	New	Re- Assigned	Duty Root	First Name	Last Name	FTE (+/-)

Net Impact of Supplemental Teachers At High Poverty Schools						
K						
1						
2						
3						



# Class size calculation

- Calculator tool available on SAFS Budget website:

<http://www.k12.wa.us/SAFS/16budprp.asp>

<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>	<i>I</i>	<i>J</i>	<i>K-3 Compliance</i>	<i>K</i>
Grade	P223 Student FTE	Teacher FTE	Sped Teacher FTE	3121%	Funded Sped Teacher	Supplemental Teacher FTE	Total Teachers	Demonstrated Class Size	Weighted Average Factor	State Budget Class Size	State Budget Weighted Average Factor
K	18.29	1.048	0.050	25.8%	0.013	0.000	1.061	17.24	315.33	19.00	347.51
1	17.43	1.048	0.250	25.8%	0.064	0.000	1.112	15.67	273.11	21.00	366.03
2	31.57	2.048	0.050	25.8%	0.013	0.000	2.061	15.32	483.61	22.00	694.54
3	28.86	1.336	0.100	25.8%	0.026	0.000	1.362	21.19	611.63	22.00	634.92
Total	96.15	5.480			0.116	0.000	5.596		1,683.68		2,043.00
Weighted Average K-3 Class Size									17.51		21.25
Class Size will be used in Apportionment (Greater of the Two Above & Not to Exceed 25.23 )									21.25		



# Special Education calculation

- Special Education percentage

Used to calculate the general apportionment portion of the FTE.

Can be found on the 1220 Report as well as the Budget page on the SAFS website.

- Calculation

Multiply Special Ed Teacher with the 3121 % and that total (F) is added to the other teachers.

<i>A</i>	<i>D</i>	<i>E</i>	<i>F</i>
<b>Grade</b>	<b>Sped Teacher FTE</b>	<b>3121%</b>	<b>Funded Sped Teacher</b>
K	0.050	25.8%	0.013
1	0.250	25.8%	0.064
2	0.050	25.8%	0.013
3	0.100	25.8%	0.026
Total			0.12





# Weighted factors calculation

- Demonstrated Class Size (I)**  
 For each grade level, divide student FTE (B) by total teachers (H).
- Weighted Average Factor (J)**  
 For each grade level multiply student FTE (B) by demonstrated class size (I).
- State Budget Weighted Average Factor (K)**  
 For each grade level multiply student FTE (B) by state budget class size.

<i>A</i>	<i>B</i>	<i>H</i>	<i>I</i>	<i>J</i>	<i>K-3 Compliance</i>	<i>K</i>
Grade	P223 Student FTE	Total Teachers	Demonstrated Class Size	Weighted Average Factor	State Budget Class Size	State Budget Weighted Average Factor
K	18.29	1.061	17.24	315.33	19.00	347.51
1	17.43	1.112	15.67	273.11	21.00	366.03
2	31.57	2.061	15.32	483.61	22.00	694.54
3	28.86	1.362	21.19	611.63	22.00	634.92
Total	96.15	5.596		1,683.68		2,043.00



# Class size used to generate the allocation

- Weighted Average Class Size

Weighted average factor total of column (J) divided by total student FTEs in column (B).

- State Budget Weighted Average Class Size

State budget weighted average factor total of column (K) divided by total student FTEs in column (B).

- Class Size used in Apportionment

Greater of the two above calculations and not to exceed 25.23.

A	B	H	I	J	K-3 Compliance	K
Grade	P223 Student FTE	Total Teachers	Demonstrated Class Size	Weighted Average Factor	State Budget Class Size	State Budget Weighted Average Factor
K	18.29	1.061	17.24	315.33	19.00	347.51
1	17.43	1.112	15.67	273.11	21.00	366.03
2	31.57	2.061	15.32	483.61	22.00	694.54
3	28.86	1.362	21.19	611.63	22.00	634.92
Total	96.15	5.596		1,683.68		2,043.00
Weighted Average K-3 Class Size				17.51		21.25
Class Size will be used in Apportionment				21.25		



# Compliance Report may have errors

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- EDS system

  - Education Directory to confirm school code is correct

- S-275 Personnel Reporting System

  - Correct building code is used

  - Correct program, duty root and grade is used

- Compliance Reports will be attached to each Apportionment Report when calculated

  - Previous reports can be found on the Apportionment Notes section of the SAFS website  
<http://www.k12.wa.us/SAFS/Misc/ApportionmentNotes.asp>



# Error examples and how to fix them

- Teachers with no students  
 Incorrect building code in S-275  
 Building code changed after the High Poverty Eligibility list was finalized  
 Building code a high school or junior high but grade is K, 1, 2, or 3

**K-3 Non-High Poverty Compliance Report**

Grade	Student FTE	Teacher FTE	Sped Teacher FTE	Sped Teachers times 3121 %	Supplemental Teacher FTE	Total Teachers	Demonstrated Class Size	Weighted Average Factor
K	0.00	0.143	0.000	0.000	0.000	0.143	0.00	0.00
1	0.00	0.143	0.000	0.000	0.000	0.143	0.00	0.00
2	0.00	0.143	0.000	0.000	0.000	0.143	0.00	0.00
3	0.00	0.143	0.000	0.000	0.000	0.143	0.00	0.00
Total	0.00	0.572	0.000		0.000	0.572		
<b>Weighted Average K-3 Class Size *</b>								<b>0.00</b>
<b>K-3 Class Size for Apportionment (Greater of weighted average factors not to exceed 25.23)</b>								<b>0.00</b>

\* the weighted average class size is calculated by summing the weighted average factor and dividing by the total enrollment.

**K-3 High Poverty Compliance Report**

Grade	Student FTE	Teacher FTE	Sped Teacher FTE	Sped Teachers times 3121 %	Supplemental Teacher FTE	Total Teachers	Demonstrated Class Size	Weighted Average Factor
K	96.21	5.429	0.333	0.075	0.000	5.504	17.48	1681.75
1	106.00	5.715	0.333	0.075	0.000	5.790	18.31	1940.86
2	91.71	4.714	0.334	0.075	0.000	4.789	19.15	1756.25
3	118.89	7.056	0.000	0.000	0.000	7.056	16.85	2003.30
Total	412.81	22.914	1.000		0.000	23.139		
<b>Weighted Average K-3 Class Size *</b>								<b>17.88</b>
<b>K-3 Class Size for Apportionment (Greater of weighted average factors not to exceed 25.23)</b>								<b>18.37</b>

\* the weighted average class size is calculated by summing the weighted average factor and dividing by the total enrollment.

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# Error examples and how to fix them

- Teacher grade assignment
- Incorrect grade assignment

## K-3 Non-High Poverty Compliance Report

Grade	Student FTE	Teacher FTE	Sped Teacher FTE	Sped Teachers times 3121 %	Supplemental Teacher FTE	Total Teachers	Demonstrated Class Size	Weighted Average Factor
K	0.00	0.000	0.000	0.000	0.000	0.000	0.00	0.00
1	0.00	0.500	0.000	0.000	0.000	0.500	0.00	0.00
2	1.72	0.000	0.000	0.000	0.000	0.000	1.72	2.96
3	134.14	7.300	0.000	0.000	0.000	7.300	18.38	2465.49
Total	135.86	7.800	0.000		0.000	7.800		
<b>Weighted Average K-3 Class Size *</b>								<b>18.17</b>
<b>K-3 Class Size for Apportionment (Greater of weighted average factors not to exceed 25.23)</b>								<b>22.00</b>

\* the weighted average class size is calculated by summing the weighted average factor and dividing by the total enrollment.

## K-3 High Poverty Compliance Report

Grade	Student FTE	Teacher FTE	Sped Teacher FTE	Sped Teachers times 3121 %	Supplemental Teacher FTE	Total Teachers	Demonstrated Class Size	Weighted Average Factor
K	126.14	7.999	0.000	0.000	0.000	7.999	15.77	1989.23
1	140.14	9.483	0.000	0.000	0.000	9.483	14.78	2071.27
2	138.71	8.001	0.000	0.000	0.000	8.001	17.34	2405.23
3	0.00	0.000	0.000	0.000	0.000	0.000	0.00	0.00
Total	404.99	25.483	0.000		0.000	25.483		
<b>Weighted Average K-3 Class Size *</b>								<b>15.97</b>
<b>K-3 Class Size for Apportionment (Greater of weighted average factors not to exceed 25.23)</b>								<b>17.34</b>

\* the weighted average class size is calculated by summing the weighted average factor and dividing by the total enrollment.

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# Error examples and how to fix them

- Students with no teachers  
Incorrect entry in P223

## K-3 Non-High Poverty Compliance Report

Grade	Student FTE	Teacher FTE	Sped Teacher FTE	Sped Teachers times 3121 %	Supplemental Teacher FTE	Total Teachers	Demonstrated Class Size	Weighted Average Factor
K	265.93	13.952	1.419	0.402	0.000	14.354	18.53	4927.68
1	269.71	13.951	1.188	0.337	0.000	14.288	18.88	5092.12
2	310.43	14.549	1.661	0.471	0.000	15.020	20.67	6416.59
3	314.34	14.540	2.080	0.589	0.000	15.129	20.78	6531.99
Total	1160.41	56.992	6.348		0.000	58.791		
<b>Weighted Average K-3 Class Size *</b>								<b>19.79</b>
<b>K-3 Class Size for Apportionment (Greater of weighted average factors not to exceed 25.23)</b>								<b>21.08</b>

\* the weighted average class size is calculated by summing the weighted average factor and dividing by the total enrollment.

## K-3 High Poverty Compliance Report

Grade	Student FTE	Teacher FTE	Sped Teacher FTE	Sped Teachers times 3121 %	Supplemental Teacher FTE	Total Teachers	Demonstrated Class Size	Weighted Average Factor
K	0.00	0.000	0.000	0.000	0.000	0.000	0.00	0.00
1	0.00	0.000	0.000	0.000	0.000	0.000	0.00	0.00
2	1.00	0.000	0.000	0.000	0.000	0.000	1.00	1.00
3	0.00	0.000	0.000	0.000	0.000	0.000	0.00	0.00
Total	1.00	0.000	0.000		0.000	0.000		
<b>Weighted Average K-3 Class Size *</b>								<b>1.00</b>
<b>K-3 Class Size for Apportionment (Greater of weighted average factors not to exceed 25.23)</b>								<b>18.00</b>

\* the weighted average class size is calculated by summing the weighted average factor and dividing by the total enrollment.

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# Maximizing state funding

## K-3 Non-High Poverty Compliance Report

Grade	Student FTE	Teacher FTE	Sped Teacher FTE	Sped Teachers times 3121 %	Supplemental Teacher FTE	Total Teachers	Demonstrated Class Size	Weighted Average Factor	State Budget Class Size	State Budget Weighted Average Factor
K	305.43	14.487	1.025	0.311	0.000	14.798	20.64	6304.08	19.00	5803.17
1	313.99	14.046	1.076	0.327	0.000	14.373	21.85	6860.68	21.00	6593.79
2	318.29	15.145	1.104	0.335	0.000	15.480	20.56	6544.04	22.00	7002.38
3	331.72	15.661	1.128	0.342	0.000	16.003	20.73	6876.56	22.00	7297.84
Total	1269.43	59.339	4.333		0.000	60.654				

<b>Weighted Average K-3 Class Size *</b>	<b>20.94</b>	<b>21.03</b>
<b>K-3 Class Size for Apportionment (Greater of weighted average factors not to exceed 25.23)</b>	<b>21.03</b>	

\* the weighted average class size is calculated by summing the weighted average factor and dividing by the total enrollment.

Yes, actual class size is 20.94 which is smaller than state funding

## K-3 High Poverty Compliance Report

Grade	Student FTE	Teacher FTE	Sped Teacher FTE	Sped Teachers times 3121 %	Supplemental Teacher FTE	Total Teachers	Demonstrated Class Size	Weighted Average Factor	State Budget Class Size	State Budget Weighted Average Factor
K	105.14	5.820	0.360	0.109	0.000	5.929	17.73	1864.13	17.00	1787.38
1	98.29	5.283	0.340	0.103	0.000	5.386	18.25	1793.79	17.00	1670.93
2	108.06	5.397	0.380	0.115	0.000	5.512	19.60	2117.98	18.00	1945.08
3	96.14	4.803	0.340	0.103	0.000	4.906	19.60	1884.34	21.00	2018.94
Total	407.63	21.303	1.420		0.000	21.733				

<b>Weighted Average K-3 Class Size *</b>	<b>18.79</b>	<b>18.21</b>
<b>K-3 Class Size for Apportionment (Greater of weighted average factors not to exceed 25.23)</b>	<b>18.79</b>	

\* the weighted average class size is calculated by summing the weighted average factor and dividing by the total enrollment.

No, actual class size is 18.79 which is larger than state funding



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# Questions ?



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