



## 2014 School Segmentation District Report

December 2014

In the fall of each school year, Seattle Public Schools produces annual segmentation reports based on school data outcomes from the previous school years. The purpose of segmentation is to monitor school progress toward meeting district-wide strategic targets. Segmentation results are used to customize levels of support and autonomy for schools based on performance and need.

### Segmentation Methodology

Schools receive three scores that determine their segmentation level each year.

- **Absolute scores (0-100)** are based on how close the school is to achieving district-wide targets defined in the five-year district strategic plan.
- **Growth Scores (0-100)** are based on the cross-sectional rate of improvement toward achieving district-wide goals and the year-over-year academic gains of students based on a growth model.
- **Achievement Gap Scores** are the difference in achievement between low income students at the school who qualify for free/reduced lunch (FRL) and all other students in the school.

Segmentation levels are based primarily on each school's absolute score. However, there are two exceptions to the basic rules:

- Schools with Low or Medium-Low absolute scores and a High growth score ( $\geq 50$ ) are assigned Level 3 rather than Level 1 or Level 2.
- Schools with High absolute scores and an achievement gap for FRL students of less than 25 percentage points (averaged across math and reading) are assigned Level 5 rather than Level 4.

The table below summarizes the basic rules:

Absolute Score	→	School Level	Other Criteria	→	School Level
Low (0-29)	→	<b>Level 1</b>	Growth $\geq 50$	→	<b>Level 3</b>
Med-Low (30-59)	→	<b>Level 2</b>	Growth $\geq 50$	→	<b>Level 3</b>
Med-High (60-79)	→	<b>Level 3</b>			
High (80-100)	→	<b>Level 4</b>	Gap $< 25$	→	<b>Level 5</b>

A detailed summary of the methodology can be found at the end of this report.

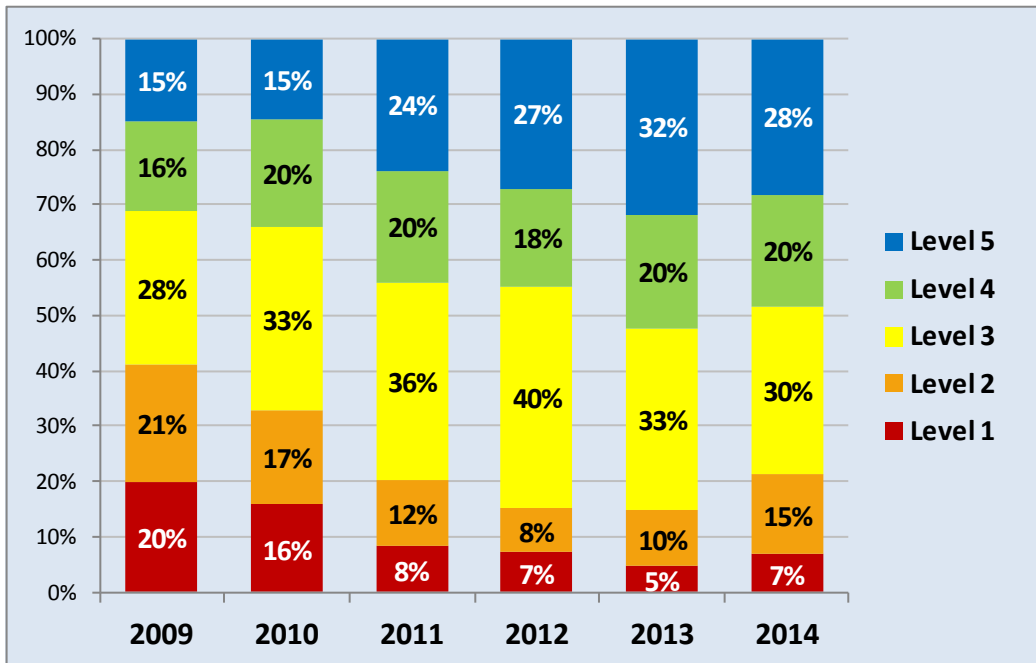
### 2014 Segmentation Levels by School Type

School Type	Level 1	Level 2	Level 3	Level 4	Level 5
Schools	6	8	17	11	16
K-8 Schools	0	3	2	2	3
Middle Schools	0	0	3	5	1
High Schools	0	2	5	0	5
<b>All Schools</b>	<b>6</b>	<b>13</b>	<b>27</b>	<b>18</b>	<b>25</b>

### 2014 One-Year Change in Levels by School Type

School Type	Decrease	No Change	Increase
Elementary Schools	14	36	6
K-8 Schools	3	6	1
Middle Schools	1	8	0
High Schools	1	10	1
<b>All Schools</b>	<b>19</b>	<b>60</b>	<b>8</b>

### Distribution of Segmentation Levels by Year





# 2014 School Segmentation



# Elementary Schools

SchoolName	Region	Level 2009	Level 2010	Level 2011	Level 2012	Level 2013	Level 2014	Absolute Score 2014	Growth Score 2014	FRL Gap 2014
Wedgwood Elementary	NE	5	5	5	5	5	5	100	85	7
John Stanford Intl. School	NW	4	4	4	4	5	5	100	71	2
Bryant Elementary	NE	4	4	5	5	5	5	100	59	2
APP at Lincoln	NW	*	*	*	*	5	5	100	46	*
West Woodland Elementary	NW	4	4	5	5	5	5	100	40	16
Thurgood Marshall Elementary	C	1	3	4	4	4	4	99	85	36
Loyal Heights Elementary	NW	5	5	5	5	5	5	99	38	2
Lafayette Elementary	SW	5	5	4	5	4	5	98	75	21
Maple Elementary	SE	3	3	5	3	5	5	97	95	19
View Ridge Elementary	NE	5	5	4	5	5	4	97	78	25
Whittier Elementary	NW	4	4	5	5	4	5	97	35	23
North Beach Elementary	NW	5	5	5	5	5	4	96	88	26
Montlake Elementary	C	5	4	4	5	5	5	96	50	*
Frantz Coe Elementary	C	4	5	4	4	4	4	95	78	32
Thornton Creek Elementary	NE	5	5	5	5	5	5	95	73	*
Lawton Elementary	C	5	4	4	5	5	4	95	46	29
Laurelhurst Elementary	NE	4	4	4	4	5	4	95	35	39
Green Lake Elementary	NE	4	3	5	*	4	5	94	84	21
Queen Anne Elementary	C	*	*	5	4	5	4	93	48	39
John Hay Elementary	C	5	5	5	5	5	5	92	57	23
Daniel Bagley Elementary	NW	5	5	5	5	5	5	92	53	18
Wing Luke Elementary	SE	2	3	3	3	5	5	91	67	8
McDonald Intl. Elementary	NW	*	*	*	5	4	4	91	36	29
Greenwood Elementary	NW	3	2	3	3	4	4	88	37	36
Schmitz Park Elementary	SW	5	5	5	5	5	4	87	28	54
Sacajawea Elementary	NE	2	3	4	4	4	5	84	43	14
McGilvra Elementary	C	5	5	5	4	3	4	83	55	38
Alki Elementary	SW	3	3	3	5	3	3	78	32	16
Adams Elementary	NW	2	3	3	4	3	3	78	28	40
Kimball Elementary	SE	3	3	3	3	4	3	78	15	30
Olympic View Elementary	NE	3	3	3	4	4	3	76	27	38
K-5 STEM at Boren	SW	*	*	*	*	*	3	75	55	25
Rainier View Elementary	SE	*	*	*	*	3	3	74	64	16
Arbor Heights Elementary	SW	2	2	3	3	3	3	74	42	18
Sand Point Elementary	NE	*	*	*	3	3	3	73	45	39
John Rogers Elementary	NE	3	3	3	5	3	3	73	36	30
Stevens Elementary	C	3	4	4	3	3	3	72	40	34
Gatewood Elementary	SW	3	2	2	3	3	3	71	36	34
B.F. Day Elementary	NW	3	2	2	3	3	3	67	78	23
John Muir Elementary	C	3	2	2	2	3	3	64	44	35
Olympic Hills Elementary	NE	1	3	3	3	3	3	58	64	22
Concord Intl. School	SW	3	3	2	2	3	2	54	13	22
West Seattle Elementary	SW	1	1	3	1	3	3	52	52	*
Dearborn Park Intl. School	SE	1	1	3	3	2	2	52	42	21
Van Asselt Elementary	SE	2	2	3	3	3	2	51	27	11
Dunlap Elementary	SE	1	1	1	2	2	2	47	23	13
Lowell Elementary	C	4	4	4	4	*	2	47	5	11
Viewlands Elementary	NW	*	*	*	*	1	3	46	63	31
Northgate Elementary	NW	1	1	3	3	3	3	42	69	14
Bailey Gatzert Elementary	C	1	1	1	3	3	2	36	23	*
Sanislo Elementary	SW	2	2	2	2	2	2	34	24	46
Leschi Elementary	C	1	1	3	3	2	2	33	12	46
Graham Hill Elementary	SE	2	2	2	2	2	1	29	25	44
Highland Park Elementary	SW	2	1	1	1	1	1	27	34	28
Hawthorne Elementary	SE	1	1	1	1	2	1	27	23	30
Martin Luther King Jr. ES	SE	1	1	1	1	3	1	26	30	13
Roxhill Elementary	SW	1	1	3	3	1	1	21	15	30
Emerson Elementary	SE	1	1	1	1	1	1	9	15	40

## K-8 Schools

SchoolName	Region	Level 2009	Level 2010	Level 2011	Level 2012	Level 2013	Level 2014	Absolute Score 2014	Growth Score 2014	FRL Gap 2014
Catharine Blaine K-8 School	C	3	5	5	5	5	4	99	72	36
Salmon Bay K-8 School	NW	4	3	5	5	5	5	90	45	8
Hazel Wolf K-8 School	NE	*	*	3	3	4	4	87	70	30
Pathfinder K-8 School	SW	2	3	3	3	3	5	87	64	20
TOPS K-8 School	NE	3	4	3	4	5	5	84	44	12
Broadview-Thomson K-8	NW	3	2	2	3	3	3	73	58	22
South Shore K-8 School	SE	*	2	3	3	3	3	71	45	17
Orca K-8 School	SE	3	3	3	3	3	2	53	24	38
Licton Springs K-8 School	NE	1	3	3	3	3	2	43	36	29
Madrona K-8 School	C	1	1	1	1	2	2	31	35	27

## Middle Schools

SchoolName	Region	Level 2009	Level 2010	Level 2011	Level 2012	Level 2013	Level 2014	Absolute Score 2014	Growth Score 2014	FRL Gap 2014
Hamilton Intl. Middle School	NW	2	4	4	4	4	4	98	57	32
Eckstein Middle School	NE	4	4	4	4	4	4	94	71	33
Mercer Intl. Middle School	SE	3	3	5	5	5	5	89	57	17
McClure Middle School	C	2	3	5	3	4	4	87	37	32
Madison Middle School	SW	3	3	3	3	4	4	83	61	26
Washington Middle School	C	4	4	3	3	4	4	80	38	39
Whitman Middle School	NW	3	4	4	4	4	3	79	45	37
Denny Intl. Middle School	SW	2	3	3	3	3	3	70	66	25
Aki Kurose Middle School	SE	3	1	3	3	3	3	62	82	13

## High Schools

SchoolName	Region	Level 2009	Level 2010	Level 2011	Level 2012	Level 2013	Level 2014	Absolute Score 2014	Growth Score 2014	FRL Gap 2014
Roosevelt High School	NE	4	4	4	4	4	5	90	52	19
The Center School	NW	3	3	5	5	5	5	88	69	24
Ballard High School	NW	3	3	5	5	5	5	88	64	15
Nathan Hale High School	NE	3	3	4	5	5	5	87	70	23
Garfield High School	C	4	4	4	3	5	5	80	62	18
West Seattle High School	SW	2	2	3	3	3	3	77	66	20
Franklin High School	C	2	3	3	3	3	3	76	69	15
Cleveland High School	SE	1	2	3	3	3	3	76	54	9
Ingraham High School	NW	2	2	3	3	5	3	75	34	19
Chief Sealth Intl. High School	SW	2	3	3	3	3	3	69	47	21
Rainier Beach High School	SE	1	2	2	2	2	2	45	43	23
Nova High School	C	*	3	2	2	2	2	45	17	*

# School Segmentation Methodology

**Segmentation** is the grouping of schools by performance in order to:

- Monitor school progress toward meeting district-wide 2013 goals
- Customize supports for schools based on performance and need

Year 1: 2008-09  
 Year 2: 2009-10  
 Year 3: 2010-11  
 Year 4: 2011-12  
 Year 5: 2012-13

## How Absolute Scores are Calculated for Each Metric

### Absolute Points

- Schools earn **100 points** if they perform at or above the **District-wide 2013 Goal**
- Schools earn **zero points** if they perform below the **District-wide Floor**
- Schools earn **some points** if they perform between the Floor and 2013 Goal

**The Floor** for any metric is equal to the Year 1 (2008-09) district-wide 10<sup>th</sup> percentile. The floor will remain constant for all five years.

## How Growth Scores are Calculated for Each Metric

Growth scores combine **Trend Growth** (cross-sectional) and **Year-to-Year Growth Model** (same students) results

### Trend Growth Points

- Schools earn **100 points** if achieve their **School Growth Target**
- Schools earn **zero points** if do not improve over their **Baseline** (average of prior two years)
- Schools earn **some points** if achieve positive growth that is below their growth target

**Exceptions:**

- Targets capped at 10 percentage points for schools that are far below the 2013 goal
- Schools near or above 2013 Goal must grow 2 percentage points to earn maximum points
- Schools at 95% or higher earn the maximum points if they do not decline

**Trend Growth** compares the performance of the school's most recent cohort of students to previous cohorts.

**School Growth Target** = Average annual increase necessary to reach 2013 goal

### Year-to-Year Growth Model Points

- Schools earn **100 points** if 60% or more students met or exceeded typical growth
- Schools earn **zero points** if less than 40% of students met or exceeded typical growth
- Schools earn **some points** if between 40% and 60% of students met or exceeded typical growth

**Year-to-Year Growth Model** measures if students grew as much as others in their *same cohort across WA State* with similar scores in previous years.

## How School Segmentation Levels are Determined Based on Scores

**School segmentation levels** are based primarily on absolute scores. There are **two exceptions** to the basic rules:

- Schools with low or med-low absolute scores and a high growth score earn Level 3
- High absolute schools with an **achievement gap for free/reduced lunch (FRL) students of less than 25%** earn Level 5

Absolute Score	→	School Level	Other Criteria	→	School Level
Low (0-30)	→	<b>Level 1</b>	Growth ≥ 50	→	<b>Level 3</b>
Med-Low (30-59)	→	<b>Level 2</b>	Growth ≥ 50	→	<b>Level 3</b>
Med-High (60-79)	→	<b>Level 3</b>			
High (80-100)	→	<b>Level 4</b>	FRL Gap < 25	→	<b>Level 5</b>

For further information, please contact the **Department of Research, Evaluation, and Assessment**