

School Equity Tiers



Goal of methodology to meet key objectives:

- Accounts holistically for the effects of **race**, **poverty**, **language** and **culture** on historical opportunity gaps
- Accounts for factors not addressed through other funding
- Distributes tiers proportionally across school levels
- Tiering results sufficiently stable across years
- Does not overly penalize successful gap-closing schools

School Equity Tiers



Method uses data for 6 student groups:

1. **Historically Underserved Students of Color** = Non-white student groups with historically lower achievement. (Does not include Asian and Multiracial students.)
2. **Low Income Students of Color** = Non-white students who qualify for free/reduced meals. (Includes Asian and Multiracial students.)
3. **Low Income Students** = All students who qualify for free/reduced meals
4. **English Language Learners** = current students served by the ELL program and recently exited ELLs
5. **Immigrant Students** = students not born in USA
6. **Homeless Students**

School Equity Tiers



3 measures for each student group:

1. Count of students enrolled (Oct 1)
2. Percent of students enrolled (Oct 1)
3. Percent meeting standard on state test (ELA SBA)

Three measures for each of six groups yields up to 18 measures for each school

School Equity Tiers



Three-step method to identify Equity Tiers

- Step 1: Each measure converted to a **Decile (1-10)** based on the districtwide distribution
- Step 2: Deciles (1-10) are averaged to create an **Equity Index (1.0 – 10.0)** for each school
- Step 3: Each school's Equity Index converted to **Equity Tiers (1-4)** using cutpoints (std. devs.)

School Equity Tiers



Equity Tier (1-4) Conversion Table:

Equity Tier	Equity Index	Basis of Cutpoints
1	8.5 or higher	Approx. 1.5 standard deviations above average
2	7.5 to 8.4	Approx. 1.0 standard deviations above average
3	6.5 to 7.4	Approx. 0.5 standard deviations above average
4	6.4 or lower	n/a

School Equity Tiers



Example Measure: *Count of students enrolled*

SchoolName	Count of Students Enrolled (Oct 1 2017)					
	FRL	SoC_FRL	SoC_HU	ELL*	Immigrant	Homeless
Seattle World School	278	268	198	279	273	98
Rainier Beach High School	606	589	494	210	204	106
Aki Kurose Middle School	541	527	386	207	114	88
Bailey Gatzert Elementary	233	226	209	132	33	69
Martin Luther King Jr. Elementary	219	217	168	152	42	37
Van Asselt Elementary	356	348	223	243	43	52
Dunlap Elementary	211	208	175	133	53	51

← Raw Measure

SchoolName	Count of Students Enrolled (Oct 1 2017)					
	FRL	SoC_FRL	SoC_HU	ELL*	Immigrant	Homeless
Seattle World School	9	9	8	10	10	10
Rainier Beach High School	10	10	10	10	10	10
Aki Kurose Middle School	10	10	10	10	9	10
Bailey Gatzert Elementary	8	8	8	8	6	9
Martin Luther King Jr. Elementary	7	8	7	9	7	8
Van Asselt Elementary	9	10	9	10	7	9
Dunlap Elementary	7	7	7	8	8	9

← Conversion to deciles

**** The schools in this example are all Equity Tier 1 ****

School Equity Tiers



Example Measure: Percent of students enrolled

SchoolName	Percent of Students Enrolled (Oct 1 2017))					
	FRL	SoC_FRL	SoC_HU	ELL*	Immigrant	Homeless
Seattle World School	98%	94%	70%	98%	96%	34%
Rainier Beach High School	81%	79%	66%	28%	27%	14%
Aki Kurose Middle School	79%	77%	56%	30%	17%	13%
Bailey Gatzert Elementary	80%	78%	72%	46%	11%	24%
Martin Luther King Jr. Elementary	79%	78%	60%	55%	15%	13%
Van Asselt Elementary	85%	83%	53%	58%	10%	12%
Dunlap Elementary	77%	76%	64%	49%	19%	19%

← Raw Measure

SchoolName	Percent of Students Enrolled (Oct 1 2017))					
	FRL	SoC_FRL	SoC_HU	ELL*	Immigrant	Homeless
Seattle World School	10	10	10	10	10	10
Rainier Beach High School	10	10	10	8	10	9
Aki Kurose Middle School	10	10	9	8	10	9
Bailey Gatzert Elementary	10	10	10	9	8	10
Martin Luther King Jr. Elementary	10	10	9	10	9	9
Van Asselt Elementary	10	10	9	10	7	9
Dunlap Elementary	9	9	10	10	10	10

← Conversion to deciles

**** The schools in this example are all Equity Tier 1 ****