

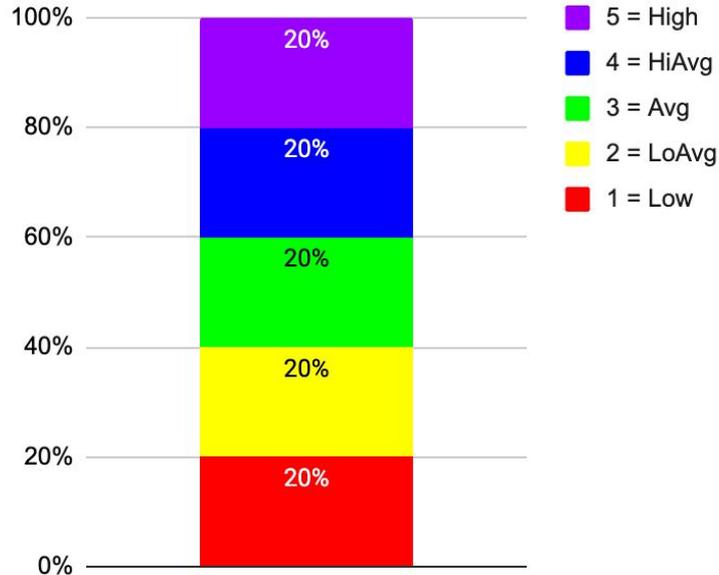
# Results From Fall 20-21 NWEA

*Have school changes due to the pandemic affected math and reading achievement & growth?*

# Understanding Stacked Column Charts

## NWEA Subject Achievement Quintiles

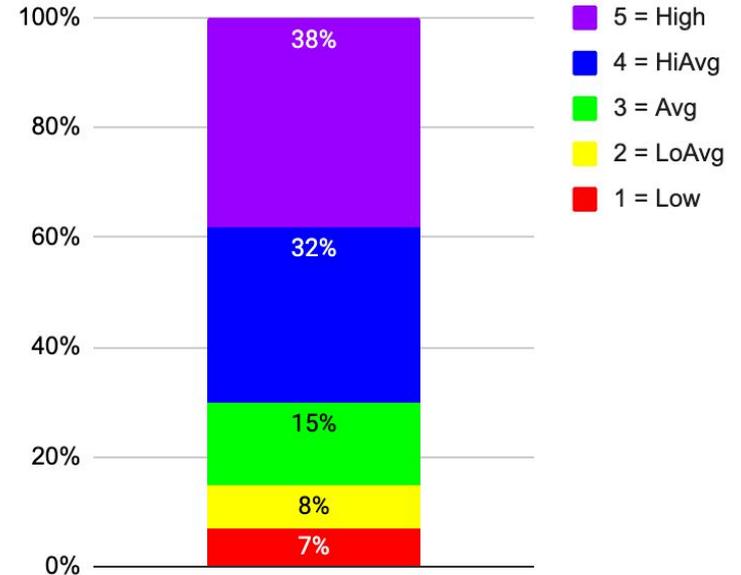
Grade Level and Term



Nationally, 20% of students are expected to fall into each quintile

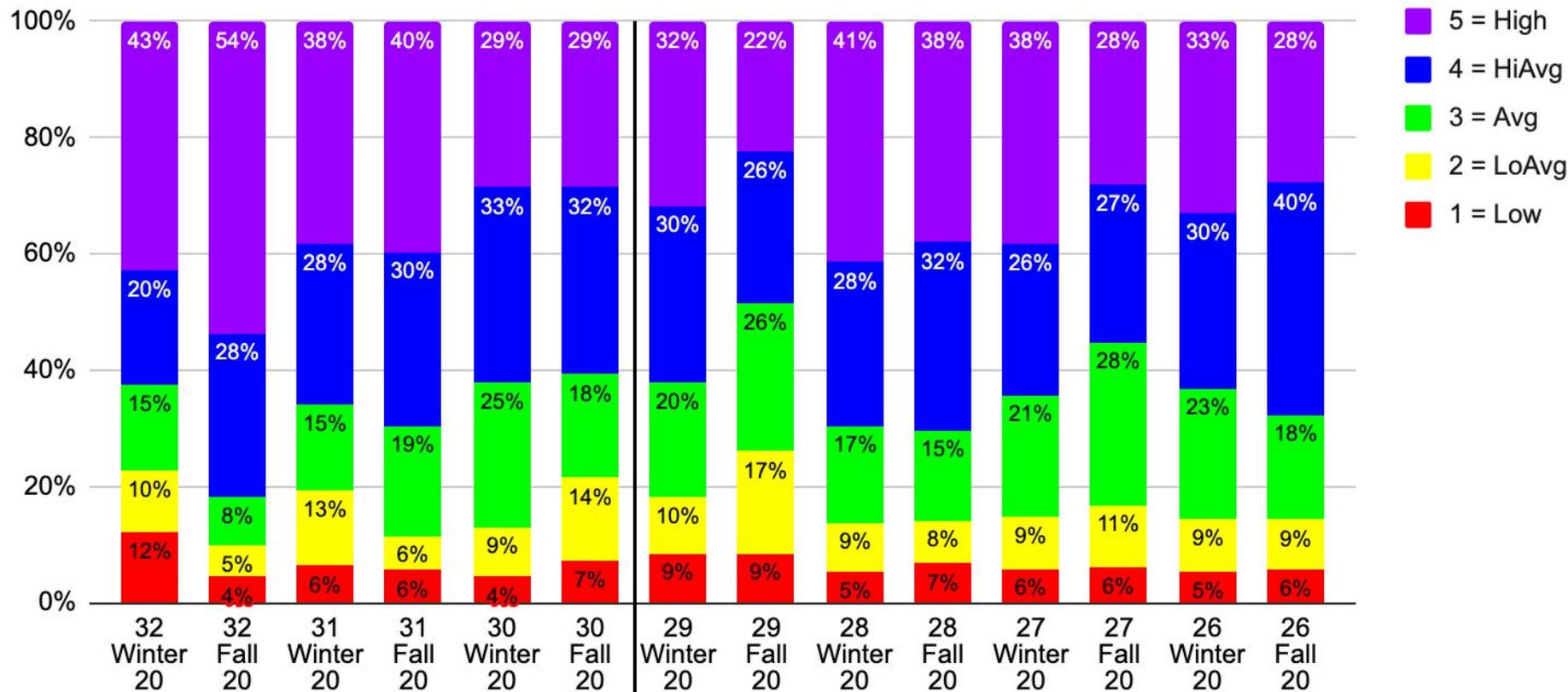
## NWEA Math Achievement Quintiles

5th Grade Fall 20-21



Dexter students generally exceed expected outcomes with high percentages of students falling in the “High” and “HiAvg” quintiles

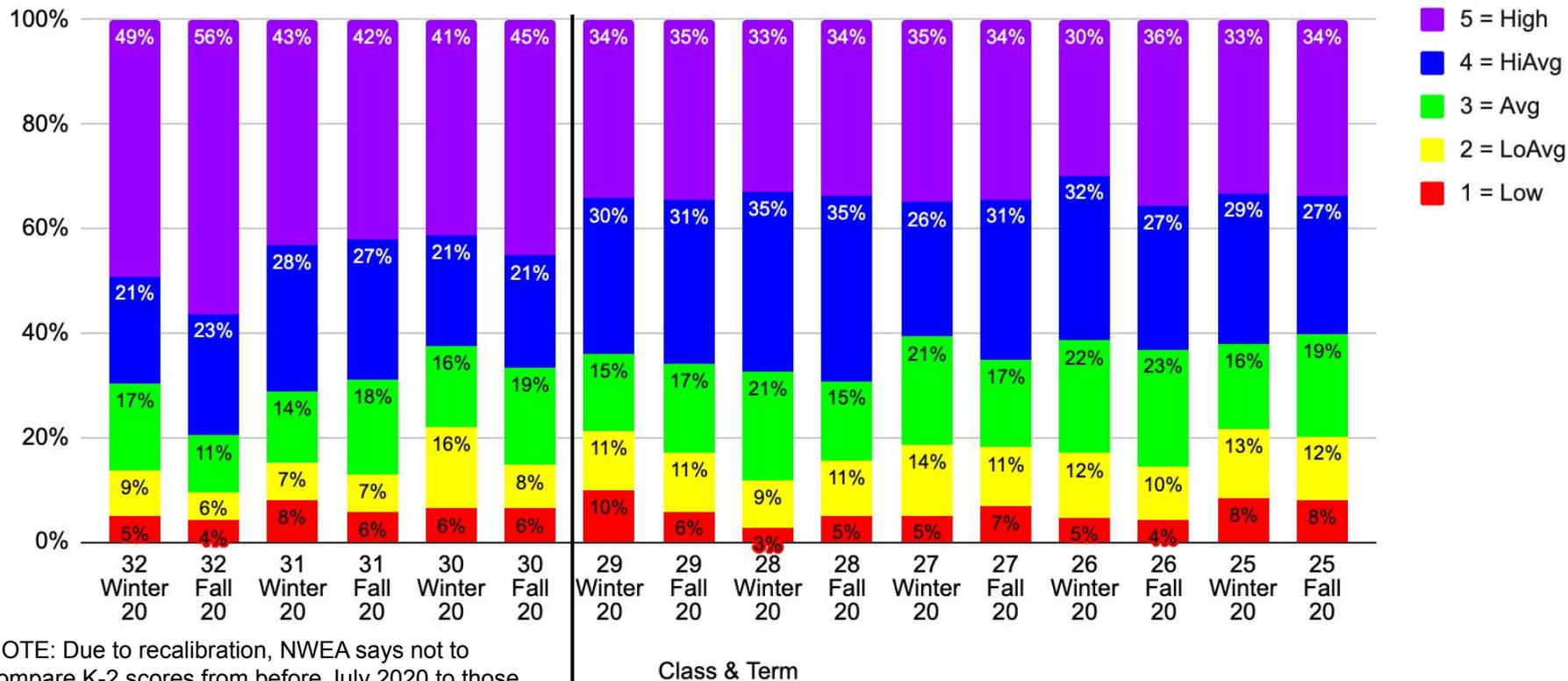
# NWEA Math Achievement Quintiles by Class Cohort & Term



NOTE: Due to recalibration, NWEA says not to compare K-2 scores from before July 2020 to those after July 2020 (ie. Class of 32, 31, 30)

Class & Term

# NWEA Reading Achievement Quintiles by Class Cohort & Term



NOTE: Due to recalibration, NWEA says not to compare K-2 scores from before July 2020 to those after July 2020 (ie. Class of 32, 31, 30)

This diagram offers a summary of performance shifts between winter and fall but does not show students shifts between quintiles.

Grade Transition from Winter 19-20 to Fall 20-21										Grade Transition from Winter 19-20 to Fall 20-21									
NWEA Math Quintiles Moved	K to 1st	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th	5th to 6th	6th to 7th	7th to 8th		NWEA Reading Quintiles Moved	K to 1st	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th	5th to 6th	6th to 7th	7th to 8th	
Up 4	1%	0%	0%	0%	0%	0%	0%	NA		Up 4	1%	0%	0%	0%	0%	0%	0%	0%	
Up 3	6%	1%	2%	0%	1%	0%	0%	NA		Up 3	3%	1%	2%	1%	1%	0%	0%	0%	
Up 2	9%	8%	3%	2%	2%	1%	2%	NA		Up 2	6%	2%	4%	5%	1%	5%	5%	3%	
Up 1	23%	15%	14%	10%	16%	14%	21%	NA		Up 1	14%	14%	21%	19%	23%	17%	22%	16%	
Maintained	48%	53%	50%	49%	57%	50%	54%	NA		Maintained	57%	62%	55%	57%	50%	57%	50%	57%	
Down 1	11%	21%	24%	32%	21%	28%	21%	NA		Down 1	16%	18%	16%	15%	20%	19%	19%	22%	
Down 2	2%	2%	7%	7%	2%	5%	1%	NA		Down 2	2%	2%	1%	3%	4%	2%	3%	1%	
Down 3	0%	0%	0%	0%	0%	0%	0%	NA		Down 3	1%	0%	1%	0%	1%	0%	0%	1%	
Down 4	1%	0%	0%	0%	0%	0%	0%	NA		Down 4	0%	0%	0%	0%	0%	0%	0%	0%	
Total "Ups"	39%	24%	19%	12%	19%	16%	23%	NA		Total "Ups"	24%	18%	27%	25%	25%	22%	28%	19%	
Total "Downs"	13%	23%	31%	39%	24%	34%	23%	NA		Total "Downs"	19%	20%	18%	18%	25%	21%	22%	24%	
NOTE: NWEA says to not compare Winter to Fall performance for K-2 as the assessment was recalibrated										Not all "Downs" impact the overall distribution the same - it depends on the quintile that the student was in during the winter.									

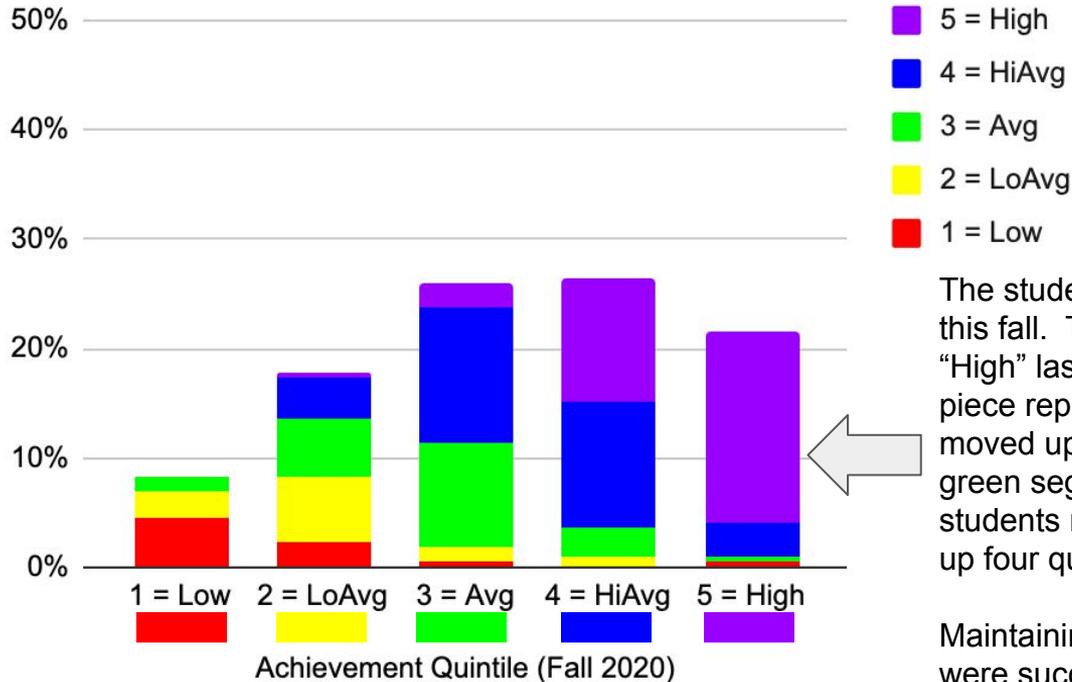
“up” students grew more than expected during the shift  
“down” students grew less than expected during the shift

**Are the “ups” and “downs” coming from students in certain achievement groups?**

# Understanding Quintile Shift Charts

## Where Fall 20-21 Quintiles Were in Winter 19-20

NWEA Math 3rd Grade to 4th Grade

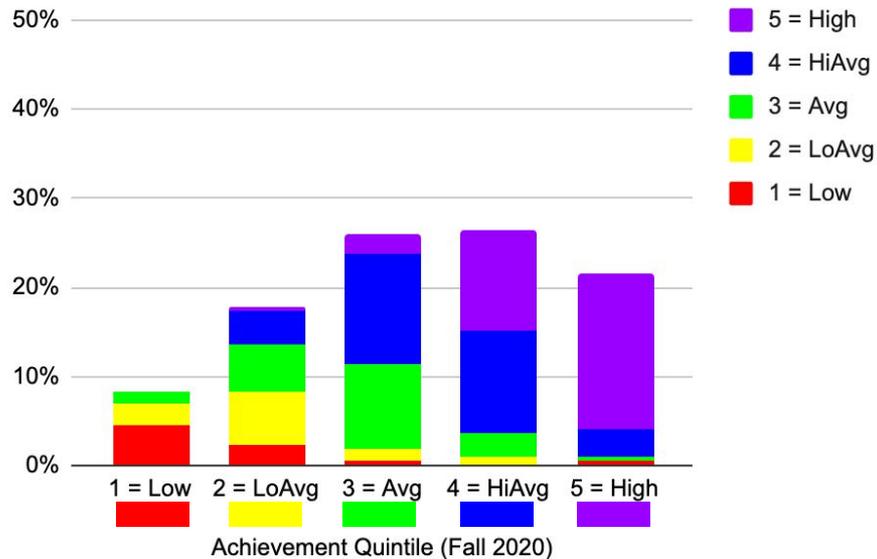


The students in this column scored in the “High” quintile this fall. The purple piece represents students that were “High” last winter and stayed “High” in the fall. The blue piece represents students that were “HiAvg” last winter but moved up to the “High” quintile in the fall. Students in the green segment moved up two quintiles in the fall. Yellow students moved up three quintiles and red students moved up four quintiles.

Maintaining or moving up quintiles shows which students were successful at navigating the changes in school, while those that moved down quintiles were less successful.

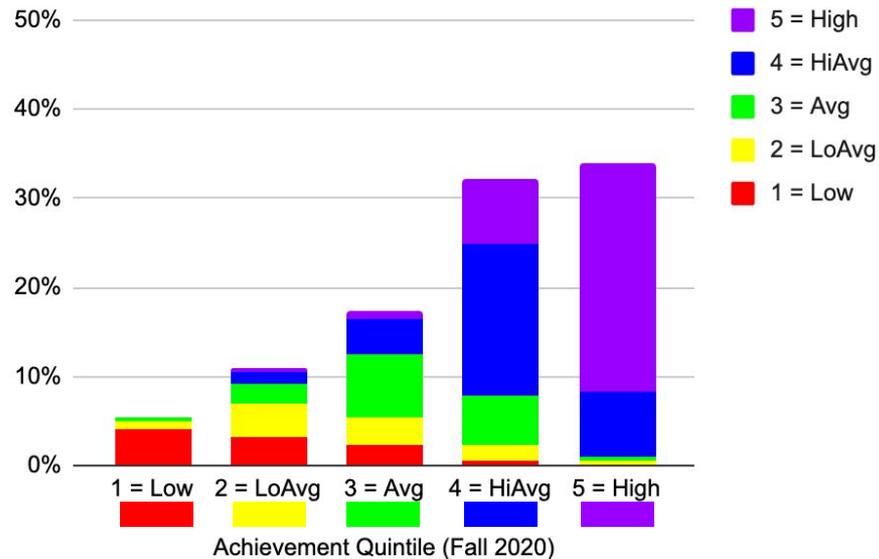
## Where Fall 20-21 Quintiles Were in Winter 19-20

NWEA Math 3rd Grade to 4th Grade



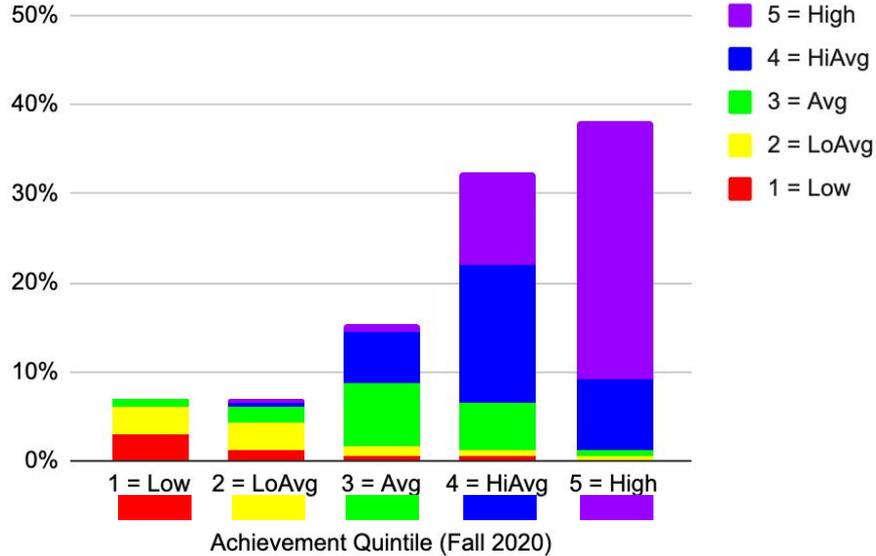
## Where Fall 20-21 Quintiles Were in Winter 19-20

NWEA Reading 3rd Grade to 4th Grade



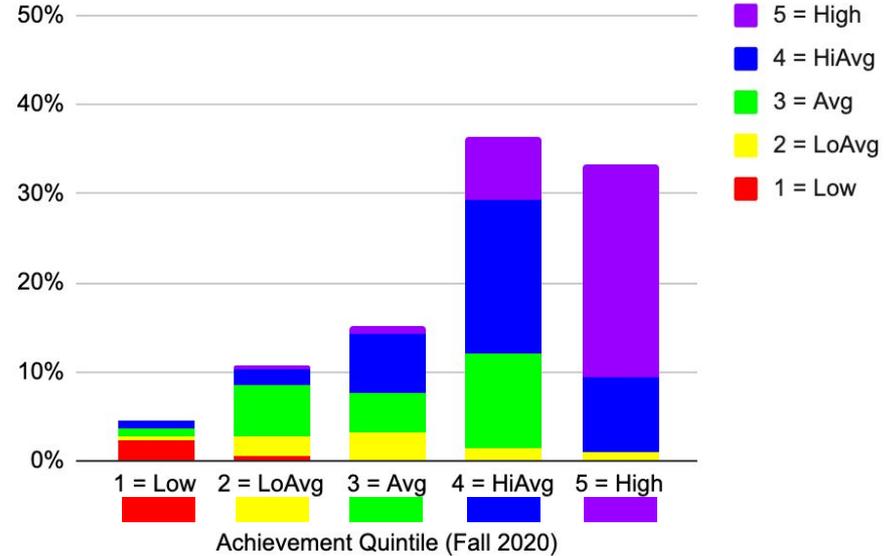
## Where Fall 20-21 Quintiles Were in Winter 19-20

NWEA Math 4th Grade to 5th Grade

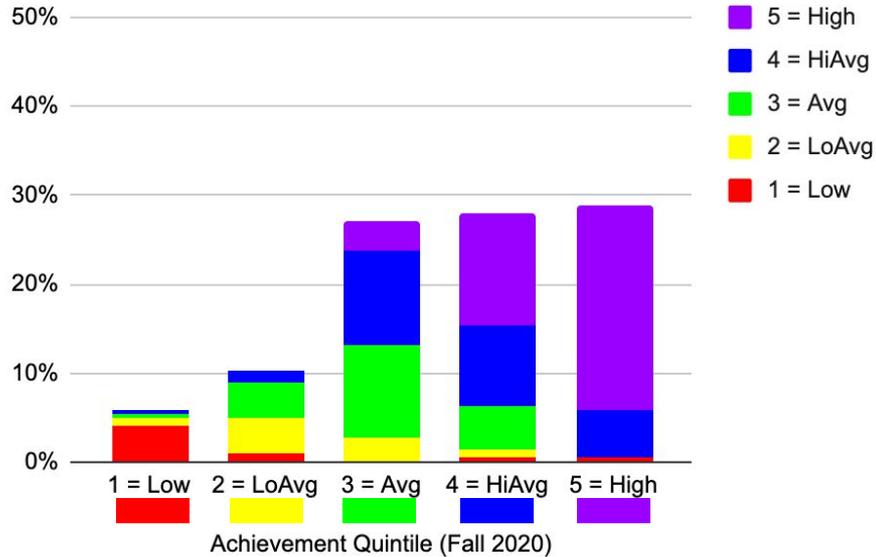


## Where Fall 20-21 Quintiles Were in Winter 19-20

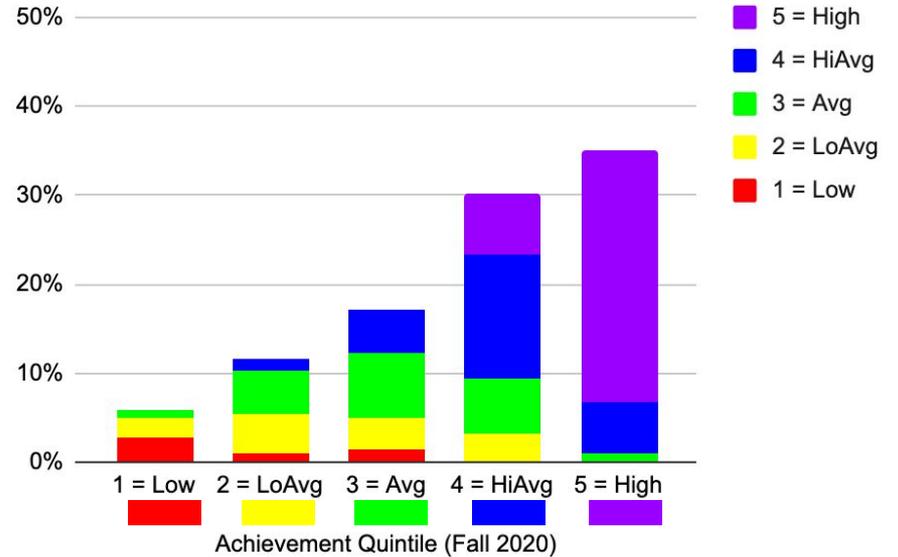
NWEA Reading 4th Grade to 5th Grade



Where Fall 20-21 Quintiles Were in Winter 19-20  
NWEA Math 5th Grade to 6th Grade

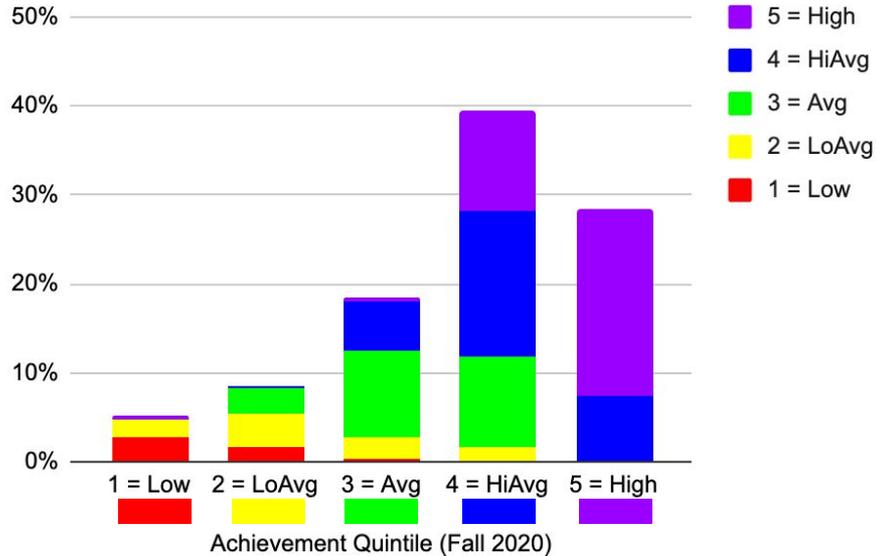


Where Fall 20-21 Quintiles Were in Winter 19-20  
NWEA Reading 5th Grade to 6th Grade



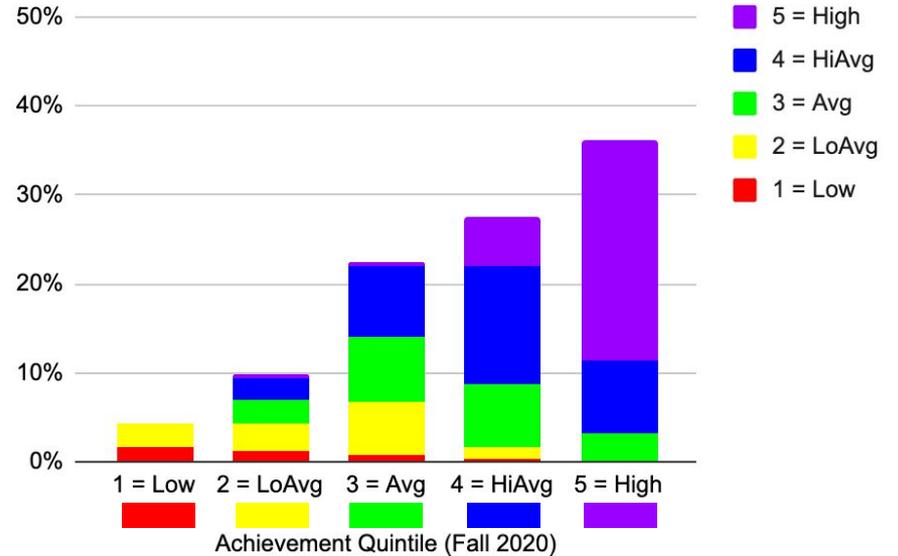
## Where Fall 20-21 Quintiles Were in Winter 19-20

NWEA Math 6th Grade to 7th Grade



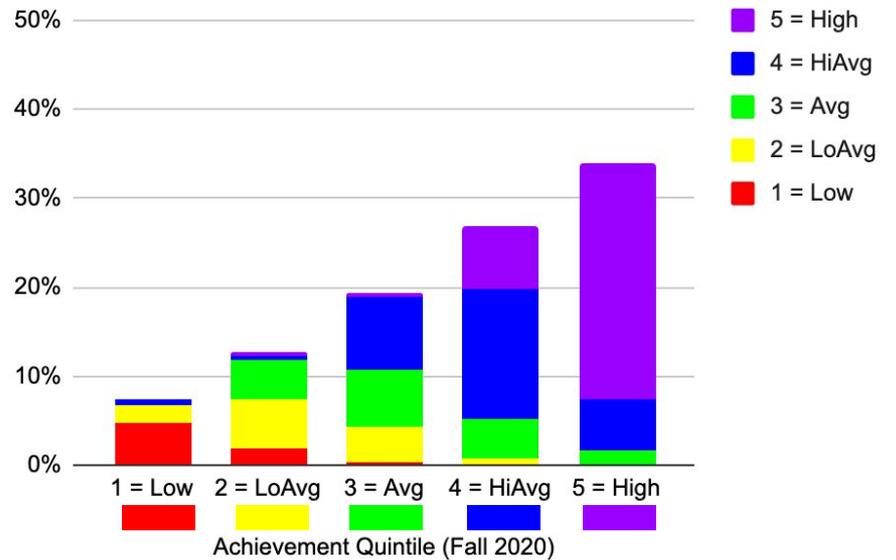
## Where Fall 20-21 Quintiles Were in Winter 19-20

NWEA Reading 6th Grade to 7th Grade



Mill Creek does not have comparative math data from 7th grade to 8th grade

Where Fall 20-21 Quintiles Were in Winter 19-20  
NWEA Reading 7th Grade to 8th Grade



Moving between quintiles represent large jumps in student performance which are probably rare. A more granular approach, looking at percentile shifts, might give a clearer picture of growth.

NOTE: This shows how students grew between last fall and their current grade level this fall.

NWEA does not recommend comparing data within K-3 due to their recalibration.



## Student Growth Summary Report

**Aggregate by District**

**Term:** Fall 2020-2021  
**District:** Dexter Community Schools

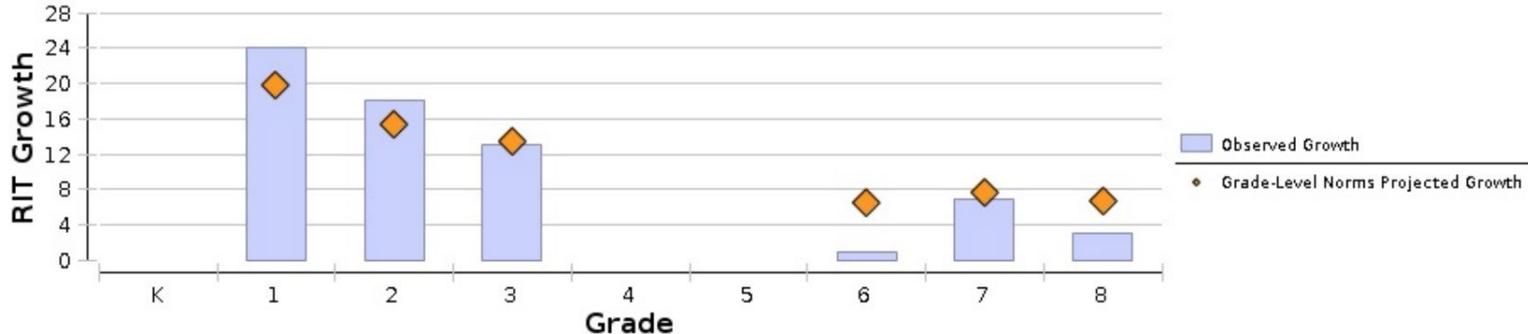
**Norms Reference Data:** 2020 Norms.  
**Growth Comparison Period:** Fall 2019 - Fall 2020  
**Weeks of Instruction:** Start - 4 (Fall 2019) ^  
 End - 4 (Fall 2020) ^

**Grouping:** None  
**Small Group Display:** No

Math: Math K-12

Grade (Fall 2020)	Growth Count†	Comparison Periods						Growth Evaluated Against									
		Fall 2019			Fall 2020			Growth		Grade-Level Norms			Student Norms				
		Mean RIT	SD	Percentile	Mean RIT	SD	Percentile	Observed Growth	Observed Growth SE	Projected Growth	School Conditional Growth Index	School Conditional Growth Percentile	Count with Projection	Count Met Projection	Percent Met Projection	Student Median Conditional Growth Percentile	
<b>K</b>	<b>0</b>	<b>**</b>			<b>**</b>			<b>**</b>					<b>**</b>				
<b>1</b>	<b>95</b>	<b>150.5</b>	<b>13.3</b>	<b>98</b>	<b>174.4</b>	<b>14.5</b>	<b>99</b>	<b>24</b>	<b>1.2</b>	<b>19.9</b>	<b>1.39</b>	<b>92</b>	<b>95</b>	<b>68</b>	<b>72</b>	<b>67</b>	
<b>2</b>	<b>202</b>	<b>165.6</b>	<b>13.4</b>	<b>83</b>	<b>183.9</b>	<b>11.7</b>	<b>94</b>	<b>18</b>	<b>0.8</b>	<b>15.3</b>	<b>1.32</b>	<b>91</b>	<b>202</b>	<b>120</b>	<b>59</b>	<b>55</b>	
<b>3</b>	<b>239</b>	<b>182.1</b>	<b>11.8</b>	<b>89</b>	<b>194.8</b>	<b>11.6</b>	<b>86</b>	<b>13</b>	<b>0.7</b>	<b>13.4</b>	<b>-0.42</b>	<b>34</b>	<b>239</b>	<b>107</b>	<b>45</b>	<b>40</b>	
<b>4</b>	<b>0</b>	<b>**</b>			<b>**</b>			<b>**</b>					<b>**</b>				
<b>5</b>	<b>0</b>	<b>**</b>			<b>**</b>			<b>**</b>					<b>**</b>				
<b>6</b>	<b>221</b>	<b>220.1</b>	<b>14.1</b>	<b>93</b>	<b>221.5</b>	<b>13.0</b>	<b>81</b>	<b>1</b>	<b>0.6</b>	<b>6.5</b>	<b>-2.98</b>	<b>1</b>	<b>221</b>	<b>55</b>	<b>25</b>	<b>23</b>	
<b>7</b>	<b>255</b>	<b>222.0</b>	<b>12.1</b>	<b>82</b>	<b>229.3</b>	<b>13.9</b>	<b>85</b>	<b>7</b>	<b>0.5</b>	<b>7.6</b>	<b>-0.19</b>	<b>43</b>	<b>255</b>	<b>133</b>	<b>52</b>	<b>49</b>	
<b>8</b>	<b>252</b>	<b>230.6</b>	<b>15.4</b>	<b>89</b>	<b>234.0</b>	<b>16.8</b>	<b>83</b>	<b>3</b>	<b>0.5</b>	<b>6.7</b>	<b>-2.05</b>	<b>2</b>	<b>252</b>	<b>95</b>	<b>38</b>	<b>31</b>	

Math: Math K-12



NOTE: This shows how students grew between last fall and their current grade level this fall.  
 NWEA does not recommend comparing data within K-3 due to their recalibration.



## Student Growth Summary Report

Aggregate by District

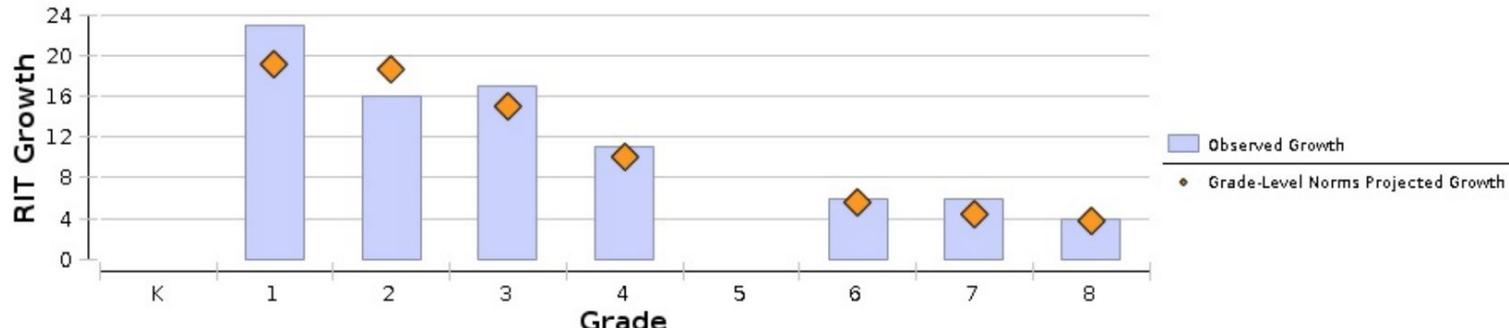
Term: Fall 2020-2021  
 District: Dexter Community Schools

Norms Reference Data: 2020 Norms.  
 Growth Comparison Period: Fall 2019 - Fall 2020  
 Weeks of Instruction: Start - 4 (Fall 2019) ^  
 End - 4 (Fall 2020) ^  
 Grouping: None  
 Small Group Display: No

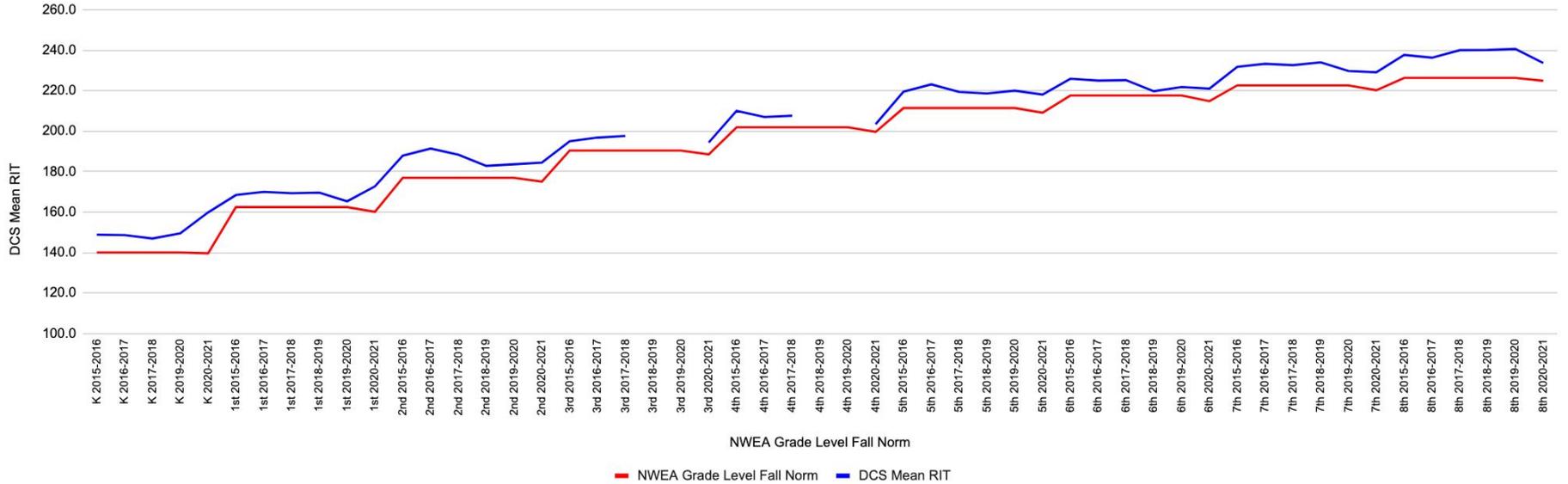
Language Arts: Reading

Grade (Fall 2020)	Growth Count†	Comparison Periods						Growth Evaluated Against									
		Fall 2019			Fall 2020			Growth		Grade-Level Norms			Student Norms				
		Mean RIT	SD	Percentile	Mean RIT	SD	Percentile	Observed Growth	Observed Growth SE	Projected Growth	School Conditional Growth Index	School Conditional Growth Percentile	Count with Projection	Count Met Projection	Percent Met Projection	Student Median Conditional Growth Percentile	
<b>K</b>	<b>0</b>	**			**			**					**				
<b>1</b>	<b>94</b>	<b>149.7</b>	<b>11.2</b>	<b>99</b>	<b>172.2</b>	<b>15.5</b>	<b>99</b>	<b>23</b>	<b>1.4</b>	<b>19.1</b>	<b>1.08</b>	<b>86</b>	<b>94</b>	<b>54</b>	<b>57</b>	<b>55</b>	
<b>2</b>	<b>201</b>	<b>165.4</b>	<b>14.2</b>	<b>96</b>	<b>181.5</b>	<b>13.2</b>	<b>92</b>	<b>16</b>	<b>0.7</b>	<b>18.6</b>	<b>-1.05</b>	<b>15</b>	<b>201</b>	<b>86</b>	<b>43</b>	<b>37</b>	
<b>3</b>	<b>241</b>	<b>180.7</b>	<b>16.1</b>	<b>90</b>	<b>197.3</b>	<b>14.4</b>	<b>93</b>	<b>17</b>	<b>0.8</b>	<b>15.0</b>	<b>0.76</b>	<b>78</b>	<b>241</b>	<b>133</b>	<b>55</b>	<b>53</b>	
<b>4</b>	<b>218</b>	<b>195.3</b>	<b>14.6</b>	<b>89</b>	<b>205.9</b>	<b>13.9</b>	<b>90</b>	<b>11</b>	<b>0.6</b>	<b>10.0</b>	<b>0.34</b>	<b>63</b>	<b>218</b>	<b>125</b>	<b>57</b>	<b>54</b>	
<b>5</b>	<b>0</b>	**			**			**					**				
<b>6</b>	<b>221</b>	<b>212.6</b>	<b>13.0</b>	<b>87</b>	<b>218.4</b>	<b>13.4</b>	<b>88</b>	<b>6</b>	<b>0.5</b>	<b>5.6</b>	<b>0.10</b>	<b>54</b>	<b>221</b>	<b>134</b>	<b>61</b>	<b>54</b>	
<b>7</b>	<b>255</b>	<b>217.7</b>	<b>12.6</b>	<b>85</b>	<b>223.3</b>	<b>13.6</b>	<b>89</b>	<b>6</b>	<b>0.5</b>	<b>4.4</b>	<b>0.73</b>	<b>77</b>	<b>255</b>	<b>159</b>	<b>62</b>	<b>60</b>	
<b>8</b>	<b>252</b>	<b>221.2</b>	<b>14.6</b>	<b>83</b>	<b>225.6</b>	<b>15.3</b>	<b>83</b>	<b>4</b>	<b>0.5</b>	<b>3.8</b>	<b>0.47</b>	<b>68</b>	<b>252</b>	<b>141</b>	<b>56</b>	<b>55</b>	

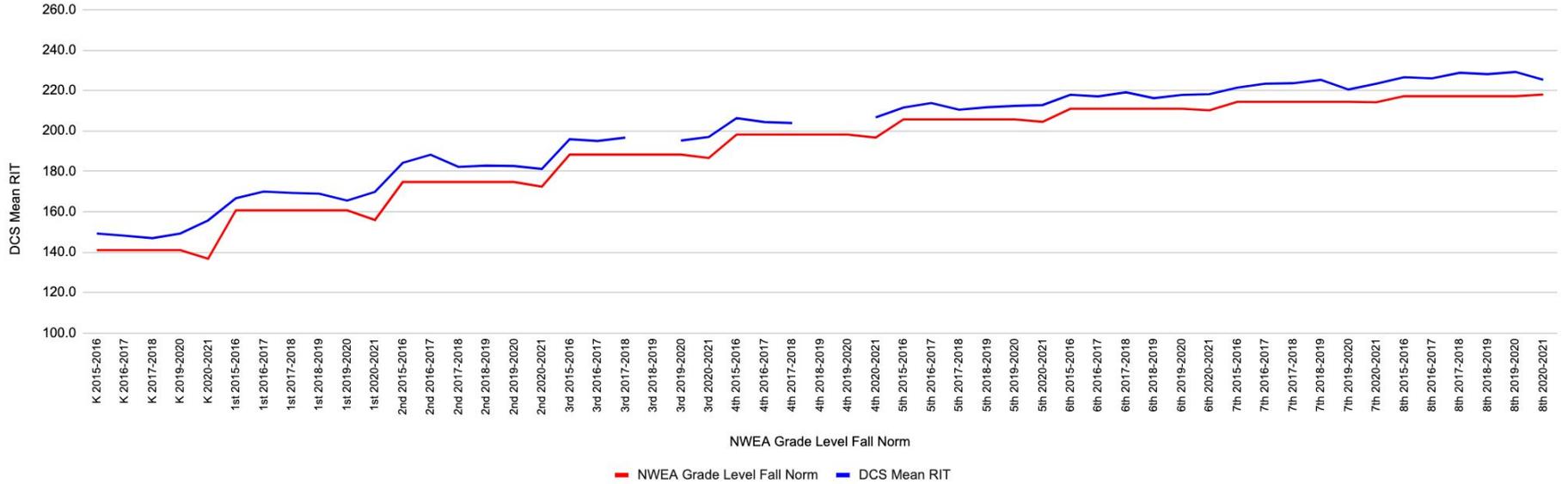
Language Arts: Reading



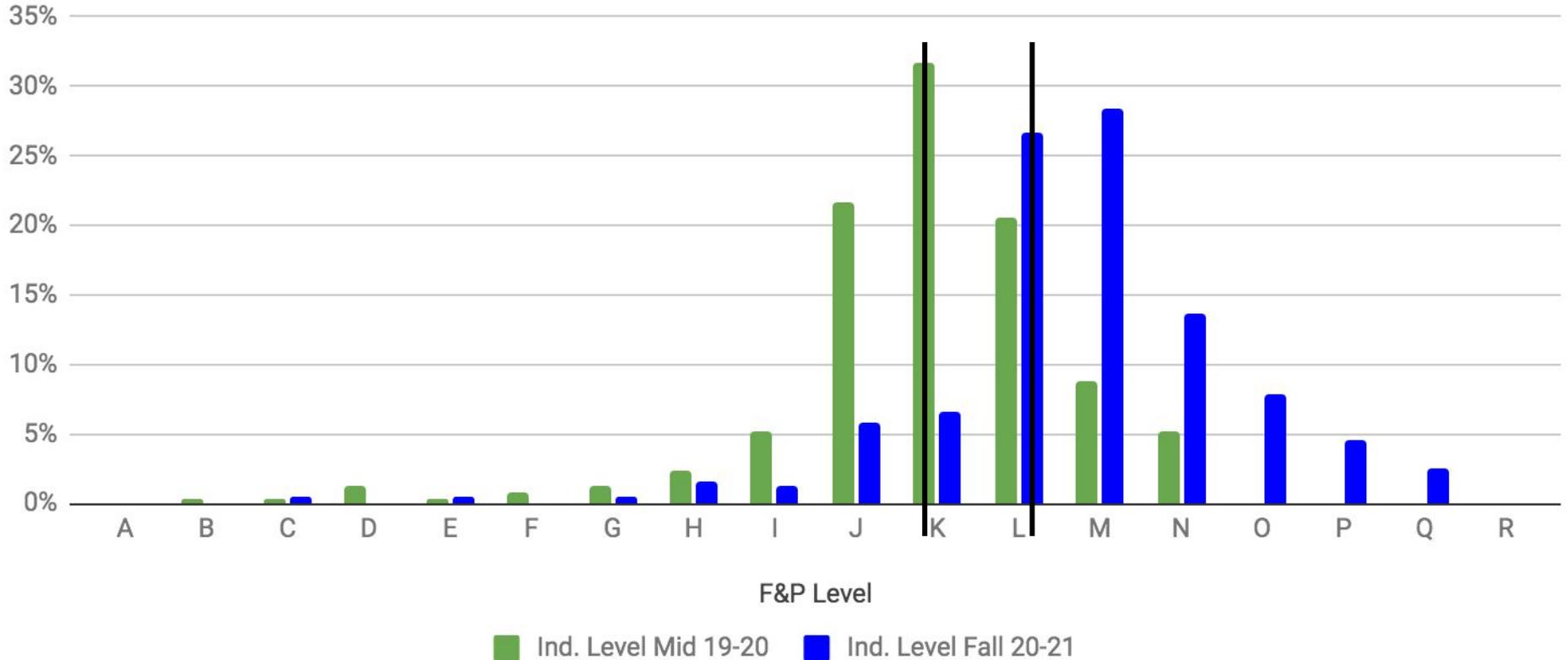
# NWEA Math Mean RIT DCS vs. Grade Level Norms



## NWEA Reading Mean RIT DCS vs. Grade Level Norms



# Fountas & Pinnell Distribution: 2nd Grade Winter 19-20 vs. 3rd Grade Fall 20-21



Level K is mid-year for 2nd Grade and Level L is beginning year for 3rd Grade

## Fountas & Pinnell Changes From Mid-Year 2nd Grade to Fall 3rd Grade

3%	Grew four or more levels
13%	Grew three levels
45%	Grew two levels
25%	Grew one level (typical growth for interval)
12%	Maintained
1%	Dropped a level