

Newton Middle School

School Growth Summary

Grades 6 to 8 Littleton 6

A three-year summary of student growth using the Colorado Growth Model

School growth rates are determined by combining growth percentiles from individual students. Growth rates for individual students are calculated by comparing their Colorado Student Assessment Program (CSAP) scores in reading, writing, and mathematics over consecutive years. These individual growth scores are combined into a single number: the school's median growth percentile.

Higher growth schools can be distinguished from lower growth schools by comparing median growth percentiles. Higher median growth percentiles indicate higher growth rates for students in those schools, regardless of the school's achievement. For example, a low-achieving school can show high growth rates or a high-achieving school can show low growth rates.

The growth model determines the percentage of students in each school growing at a sufficient rate to catch up, keep up or move up through achievement levels—and those that are not growing fast enough.

This summary presents all results for three consecutive years, making it easy to see if there is a trend in the data, and how this trend might be changing. In some cases it is useful to compare one group with another, such as boys versus girls, to see if a gap exists in the growth rates for different sub-populations at the school, district, or state level.

The state median growth percentile for any grade is 50*. Schools or other groups with medians less than 50 are growing at a slower rate than the state. Schools and grade levels with numbers at or above 50—colored green in the table for easy reference—are growing as fast or at a faster rate than the state. Schools are only accountable for results from the same group of students as defined by the federal Adequate Yearly Progress system.

School totals are based only on those grades with growth data. District and state totals in this report reflect the grade span for the school shown, not all grades in the district.

All medians and percentages are rounded to whole numbers. Missing data in the table reflect fewer than 20 students in the group; their data cannot be shown to ensure adequate protection of their privacy.

FRL = Free/Reduced Lunch eligible, or students of poverty.
IEP = Individualized Education Plan, or Special Education students.
ELL = English Language Learners, or students whose first language is not English.

Note that percentages in the catch up/keep up/move up calculations do not add up to 100, either within or across categories. For additional definitions and details go to <http://www.schoolview.org/performance.asp>

*In rare cases state median growth percentiles vary slightly. For ease of interpretation these variations from 50 are not displayed in this report.



Reading									
	2007	2008	2009	2007	2008	2009	2007	2008	2009
	School			District			State		
Median Growth Percentile									
Total	46	46	48	53	50	52	50	50	50
Grade 6	46	39	43	55	48	50	50	50	50
Grade 7	46	43	47	51	49	53	50	50	50
Grade 8	47	61	57	54	53	54	50	50	50
Minority/Non	45 / 46	55 / 45	48 / 48	55 / 53	51 / 50	50 / 53	47 / 52	51 / 50	48 / 51
FRL/Non	36 / 48	54 / 46	48 / 48	46 / 55	51 / 50	44 / 53	46 / 52	48 / 51	47 / 52
IEP/Non	36 / 48	42 / 48	53 / 48	49 / 53	41 / 51	46 / 53	46 / 51	43 / 51	46 / 50
ELL/Non	46 / 46	54 / 46	57 / 48	52 / 53	58 / 50	56 / 52	50 / 50	53 / 50	51 / 50
Girls/Boys	54 / 42	49 / 43	47 / 49	56 / 50	53 / 47	53 / 50	51 / 49	55 / 46	51 / 49

Percent Catching Up									
Total	41	37	41	44	36	39	33	34	35
Grade 6	26	25	31	39	37	36	33	35	34
Grade 7	52	33	39	45	34	34	34	34	36
Grade 8	44	49	48	47	36	44	33	33	36
Minority/Non	48 / 39	41 / 34	43 / 40	42 / 45	32 / 37	32 / 42	28 / 41	31 / 39	31 / 42
FRL/Non	28 / 45	29 / 39	- / -	33 / 50	28 / 40	32 / 42	28 / 41	30 / 40	31 / 42
IEP/Non	25 / 53	20 / 49	36 / 44	33 / 50	20 / 45	25 / 47	20 / 37	18 / 39	21 / 40
ELL/Non	- / -	32 / 38	- / -	33 / 46	27 / 38	44 / 38	26 / 36	29 / 37	30 / 38
Girls/Boys	50 / 36	40 / 35	34 / 43	44 / 44	39 / 34	40 / 37	34 / 33	39 / 31	36 / 35

Percent Keeping Up									
Total	85	78	85	86	82	85	80	79	80
Grade 6	83	74	84	84	81	83	78	80	79
Grade 7	80	72	81	83	80	82	78	76	78
Grade 8	91	89	91	90	85	88	83	82	83
Minority/Non	73 / 86	74 / 78	83 / 85	74 / 87	72 / 84	80 / 85	70 / 84	74 / 81	72 / 83
FRL/Non	74 / 86	73 / 78	80 / 86	72 / 87	73 / 83	69 / 87	68 / 84	70 / 82	69 / 83
IEP/Non	65 / 86	53 / 79	72 / 86	66 / 86	62 / 83	67 / 86	63 / 81	60 / 80	64 / 80
ELL/Non	- / -	- / -	- / -	65 / 86	74 / 83	71 / 85	67 / 81	72 / 80	70 / 81
Girls/Boys	88 / 82	81 / 75	89 / 81	88 / 83	86 / 79	88 / 81	81 / 79	83 / 75	81 / 78

Percent Moving Up									
Total	19	18	19	19	22	17	15	20	14
Grade 6	22	8	18	20	15	18	16	17	14
Grade 7	16	17	19	20	24	17	17	24	15
Grade 8	18	31	21	18	27	16	14	20	12
Minority/Non	13 / 19	15 / 18	14 / 20	13 / 20	20 / 22	12 / 17	10 / 17	17 / 21	10 / 16
FRL/Non	11 / 20	13 / 18	16 / 20	10 / 20	18 / 22	11 / 17	9 / 17	15 / 22	8 / 16
IEP/Non	- / -	4 / 19	15 / 20	12 / 20	10 / 23	11 / 17	11 / 16	12 / 20	9 / 14
ELL/Non	- / -	- / -	- / -	10 / 19	21 / 22	11 / 17	8 / 16	17 / 20	8 / 14
Girls/Boys	25 / 14	28 / 10	22 / 17	22 / 16	28 / 16	18 / 16	16 / 14	23 / 17	15 / 13

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Math									
	2007	2008	2009	2007	2008	2009	2007	2008	2009
	School			District			State		
Median Growth Percentile									
Total	49	37	44	50	53	55	50	50	50
Grade 6	43	24	22	47	47	52	50	50	50
Grade 7	55	39	51	51	55	54	50	50	50
Grade 8	52	51	57	54	55	59	50	50	50
Minority/Non	52 / 49	42 / 37	46 / 43	49 / 51	56 / 53	56 / 55	47 / 52	49 / 51	49 / 51
FRL/Non	52 / 49	34 / 37	34 / 45	46 / 51	46 / 54	52 / 55	46 / 51	47 / 52	47 / 51
IEP/Non	42 / 51	29 / 38	38 / 44	45 / 51	43 / 54	46 / 56	43 / 51	44 / 51	44 / 51
ELL/Non	42 / 50	58 / 37	52 / 43	47 / 51	51 / 53	54 / 55	50 / 50	51 / 50	52 / 50
Girls/Boys	52 / 47	37 / 38	38 / 47	51 / 49	53 / 53	55 / 54	50 / 50	50 / 50	51 / 49

Percent Catching Up									
Total	13	7	24	15	14	22	14	12	17
Grade 6	6	6	3	12	16	28	18	17	20
Grade 7	17	5	28	15	17	18	14	9	15
Grade 8	13	10	29	16	12	22	12	10	16
Minority/Non	9 / 14	3 / 9	14 / 26	8 / 17	14 / 15	19 / 23	11 / 18	9 / 15	13 / 20
FRL/Non	6 / 14	6 / 8	14 / 25	9 / 17	10 / 16	14 / 25	10 / 18	9 / 15	13 / 21
IEP/Non	8 / 15	4 / 9	4 / 31	9 / 17	5 / 17	7 / 28	7 / 16	5 / 13	7 / 19
ELL/Non	- / -	5 / 8	- / -	4 / 16	12 / 15	9 / 24	10 / 16	10 / 12	13 / 18
Girls/Boys	10 / 15	3 / 10	21 / 25	16 / 13	14 / 15	22 / 22	14 / 14	11 / 12	17 / 16

Percent Keeping Up									
Total	66	52	57	63	64	68	58	57	57
Grade 6	62	39	43	60	60	70	59	57	59
Grade 7	71	53	59	62	63	64	55	53	54
Grade 8	66	70	72	68	71	70	61	63	59
Minority/Non	59 / 66	49 / 52	53 / 57	51 / 64	60 / 65	64 / 68	48 / 61	49 / 60	50 / 60
FRL/Non	55 / 67	46 / 52	45 / 58	43 / 65	48 / 66	58 / 69	43 / 62	44 / 61	45 / 61
IEP/Non	48 / 67	30 / 54	55 / 57	47 / 64	36 / 66	59 / 68	44 / 58	40 / 58	43 / 58
ELL/Non	- / -	- / -	- / -	49 / 63	56 / 64	64 / 68	46 / 59	47 / 58	50 / 58
Girls/Boys	67 / 65	51 / 53	54 / 60	60 / 65	63 / 65	68 / 67	57 / 59	56 / 58	57 / 58

Percent Moving Up									
Total	24	10	19	23	24	29	23	22	25
Grade 6	18	8	8	24	22	33	28	24	30
Grade 7	43	14	23	28	30	32	24	24	25
Grade 8	14	9	21	18	22	22	16	18	18
Minority/Non	19 / 25	- / -	5 / 21	20 / 24	23 / 25	19 / 30	20 / 24	21 / 23	23 / 25
FRL/Non	31 / 23	- / -	- / -	20 / 24	18 / 25	24 / 29	19 / 24	19 / 23	21 / 26
IEP/Non	- / -	- / -	- / -	15 / 24	24 / 24	27 / 29	23 / 23	20 / 22	23 / 25
ELL/Non	- / -	- / -	- / -	23 / 23	22 / 25	16 / 29	22 / 23	22 / 22	25 / 25
Girls/Boys	22 / 26	10 / 11	18 / 20	21 / 25	20 / 29	29 / 29	21 / 25	21 / 23	24 / 25

Writing									
	2007	2008	2009	2007	2008	2009	2007	2008	2009
	School			District			State		
Median Growth Percentile									
Total	43	46	35	49	51	46	50	50	50
Grade 6	34	33	28	44	47	45	50	50	50
Grade 7	49	48	34	49	52	45	50	50	50
Grade 8	46	52	45	53	53	48	50	50	50
Minority/Non	50 / 42	45 / 46	40 / 35	52 / 48	50 / 51	45 / 46	49 / 51	49 / 51	51 / 50
FRL/Non	50 / 42	44 / 47	42 / 35	44 / 50	48 / 52	42 / 47	48 / 52	48 / 52	49 / 52
IEP/Non	27 / 46	43 / 47	37 / 35	36 / 50	42 / 52	42 / 46	41 / 51	42 / 51	40 / 51
ELL/Non	40 / 43	64 / 45	57 / 35	50 / 49	53 / 51	52 / 45	54 / 50	52 / 50	56 / 49
Girls/Boys	47 / 39	49 / 44	35 / 35	53 / 45	55 / 48	48 / 43	53 / 47	53 / 48	55 / 46

Percent Catching Up									
Total	34	25	25	32	27	29	25	23	27
Grade 6	29	27	12	31	32	30	28	28	31
Grade 7	43	22	23	35	30	28	27	23	29
Grade 8	30	28	35	29	19	29	21	17	22
Minority/Non	39 / 32	19 / 26	16 / 28	29 / 33	19 / 29	22 / 31	21 / 30	18 / 28	24 / 31
FRL/Non	24 / 36	21 / 26	11 / 28	23 / 35	20 / 29	20 / 33	20 / 31	18 / 29	23 / 33
IEP/Non	15 / 42	13 / 33	13 / 32	17 / 38	14 / 32	13 / 36	11 / 29	10 / 26	11 / 31
ELL/Non	- / -	19 / 26	- / -	19 / 34	19 / 28	28 / 29	19 / 27	16 / 25	25 / 28
Girls/Boys	38 / 31	28 / 24	34 / 21	35 / 30	30 / 25	35 / 26	30 / 22	26 / 20	33 / 23

Percent Keeping Up									
Total	69	65	63	74	70	72	71	67	70
Grade 6	66	61	62	73	68	73	71	68	71
Grade 7	66	66	57	72	70	68	69	65	68
Grade 8	76	67	71	77	73	76	72	69	71
Minority/Non	64 / 70	54 / 66	61 / 64	65 / 75	62 / 71	62 / 74	63 / 73	60 / 70	64 / 72
FRL/Non	69 / 70	65 / 65	67 / 63	56 / 76	54 / 72	56 / 74	59 / 74	55 / 71	60 / 73
IEP/Non	20 / 72	41 / 66	39 / 65	45 / 75	46 / 71	50 / 73	48 / 71	47 / 68	47 / 71
ELL/Non	- / -	- / -	- / -	60 / 74	52 / 71	53 / 73	60 / 72	55 / 68	63 / 71
Girls/Boys	76 / 64	69 / 61	68 / 58	79 / 68	75 / 64	77 / 66	75 / 66	72 / 62	75 / 64

Percent Moving Up									
Total	16	14	11	22	20	20	22	19	21
Grade 6	17	15	11	24	20	23	25	21	24
Grade 7	15	16	13	23	24	24	23	20	22
Grade 8	15	11	9	21	16	13	17	15	16
Minority/Non	4 / 17	11 / 15	3 / 12	21 / 22	15 / 21	16 / 21	18 / 23	17 / 20	18 / 22
FRL/Non	17 / 16	3 / 15	4 / 12	14 / 23	12 / 21	13 / 21	17 / 23	14 / 20	16 / 23
IEP/Non	- / -	- / -	- / -	20 / 22	7 / 21	14 / 20	15 / 22	15 / 19	15 / 21
ELL/Non	- / -	- / -	- / -	24 / 22	19 / 20	18 / 20	19 / 22	16 / 19	18 / 21
Girls/Boys	23 / 10	14 / 14	13 / 9	25 / 20	22 / 18	23 / 17	24 / 20	21 / 16	24 / 18