

Spring 2021 State Assessment Results

Interpretation Considerations



COVID-19 Disrupted Learning for Many Students

The COVID-19 pandemic had an impact on many aspects of education last year, including reducing or disrupting learning opportunities for some students, schools and districts. In addition, students across Colorado had to adapt to a variety of learning models over the course of the year, including in-person, remote and hybrid instruction. Due to reduced in-person instructional time, some districts may have had to adjust the content for students, and it's likely the impact of these learning disruptions was uneven within districts and across the state.

2021 State Assessment Results Provide Insight into Individual Student Learning

Spring 2021 state tests and expectations were consistent with tests from previous years. Because the scale scores and performance levels (e.g., approached expectations, met expectations, etc.) had the same meaning from previous years, results provide important insight into what individual students know and can do in relation to the grade-level expectations of the Colorado Academic Standards. Results for students who had a relatively typical testing experience may be able to be interpreted with reasonable confidence. For example, student scores at performance Levels "Met Expectations" or "Exceeded Expectations" are indicators of mastery of the standards.

State assessments provide point-in-time snapshots of what individual students know. It is important to take this year's circumstances and other available information about a student's learning into consideration when reviewing results. In addition, any significant difference in test administration conditions from past years should be considered on an individual basis.

Participation Information is Critical to Interpretation

Participation information must be reviewed and taken into consideration thoughtfully when interpreting 2021 district and school results. This year's participation rates for districts, schools and student groups are significantly lower overall than in past years. As participation rates decrease and vary across student, school and district groups, challenges with interpreting results will increase. Depending on the specific school or district, some student groups will be overrepresented in the results and others may be underrepresented. Participation rates and how well the students who tested reflect the district/school as a whole vary greatly across the state this year. Participation information will indicate that in some cases, conclusions should be drawn with caution or completely avoided. Due to these factors and many more challenges experienced during the pandemic, for some districts, schools and student groups, this year's data will not support all of the cross-state comparisons and uses made with prior years' data. However, where appropriate, this year's results can be used as a temperature check to better address and track future COVID-19 school recovery efforts.



Colorado Measures of Academic Success (CMAS) 2021 State Achievement Results English Language Arts/Literacy and Mathematics 2021 REQUIRED TESTS

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COVID-19 Disrupted Learning for Many Students	2021 State Assessment Results Provide Insight into Student Learning	Participation Information is Critical to Interpretation
<ul style="list-style-type: none"> • Students may have had reduced or disrupted learning opportunities • Students received instruction under in-person, remote and/or hybrid models • Schools may have adjusted or reduced covered content 	<ul style="list-style-type: none"> • Spring 2021 tests did not change • Scale scores and performance levels hold the same meaning as previous years • Individual student results can be interpreted with reasonable confidence for students who had a relatively typical testing experience 	<ul style="list-style-type: none"> • Fewer students tested in 2021 and participation varied by group • Some student groups tested at a higher rate than other groups • For some districts, schools and student groups, this year's data will not support all of the cross-state comparisons and uses made with prior years' data

Overall Results

Report Category	Participation Information		Score Information		Performance Level Information					
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
English Language Arts/Literacy (ELA) Overall										
Grade 03										
Grade 03 - English	45,187	76.2	736	43	21.5	18.0	21.4	34.9	4.2	39.1
Grade 03 - Spanish	837	59.0	723	26	15.8	33.8	35.0	14.5	1.0	15.4
Grade 05	46,909	74.4	746	32	7.7	19.2	25.9	42.6	4.6	47.2
Grade 07	42,928	63.7	742	37	13.3	19.1	25.0	29.6	13.0	42.6
Mathematics Overall										
Grade 04	46,781	75.7	729	33	20.1	24.9	26.5	26.2	2.3	28.5
Grade 06	44,813	68.6	727	32	21.0	27.1	27.7	20.9	3.2	24.1
Grade 08	39,202	57.9	730	39	22.5	25.5	22.5	24.8	4.7	29.5



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English Language Arts Results by Gender

Report Category	Participation Information		Score Information		Performance Level Information					
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
ELA Grade 03										
Grade 03 - English										
Male	23,345	76.2	733	42	23.4	18.8	21.7	33.0	3.2	36.2
Female	21,842	76.1	740	43	19.6	17.1	21.1	36.9	5.3	42.2
Grade 03 - Spanish										
Male	442	60.4	720	25	18.6	36.9	32.8	10.6	1.1	11.8
Female	395	57.6	727	25	12.7	30.4	37.5	18.7	0.8	19.5
ELA Grade 05										
Male	24,002	74.6	743	32	9.1	20.9	26.4	40.3	3.2	43.5
Female	22,907	74.2	749	32	6.1	17.4	25.4	44.9	6.1	51.0
ELA Grade 07										
Male	22,625	64.9	737	36	16.3	21.6	25.0	27.5	9.5	37.0
Female	20,303	62.3	748	37	10.0	16.2	24.9	32.0	16.9	48.9



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Mathematics Results by Gender

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	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
Mathematics Grade 04										
Male	23,991	75.8	731	34	19.5	23.3	26.1	28.4	2.7	31.1
Female	22,790	75.7	728	32	20.7	26.7	26.8	24.0	1.8	25.8
Mathematics Grade 06										
Male	23,281	69.4	727	33	20.9	26.2	27.3	22.1	3.5	25.6
Female	21,532	67.7	726	32	21.2	28.1	28.2	19.7	2.8	22.5
Mathematics Grade 08										
Male	20,868	60.1	730	40	23.8	25.1	21.5	24.7	5.0	29.7
Female	18,334	55.7	731	38	21.0	26.0	23.6	24.9	4.4	29.4



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English Language Arts Results by Race/Ethnicity

Report Category	Participation Information		Score Information		Performance Level Information					
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
ELA Grade 03										
Grade 03 - English										
American Indian or Alaska Native	273	65.5	717	40	34.4	23.8	22.3	17.9	1.5	19.4
Asian	1,459	72.7	746	43	16.2	14.7	20.4	42.1	6.6	48.7
Black	1,713	61.9	720	40	33.0	23.4	19.2	23.1	1.2	24.3
Hispanic	14,026	73.8	718	39	35.7	22.3	19.9	20.6	1.4	22.1
White	25,353	79.5	747	41	13.4	15.3	22.4	43.1	5.7	48.9
Hawaiian/Pacific Islander	118	67.0	721	40	32.2	22.0	19.5	23.7	2.5	26.3
Two or More Races	2,233	74.1	742	43	17.6	17.5	20.9	37.9	6.1	44.1
Not Reported	< 16	--	--	--	--	--	--	--	--	--
Grade 03 - Spanish										
American Indian or Alaska Native	< 16	--	--	--	--	--	--	--	--	--
Asian	< 16	--	--	--	--	--	--	--	--	--
Black	< 16	--	--	--	--	--	--	--	--	--
Hispanic	831	59.1	723	26	--	33.7	--	--	--	--
White	< 16	--	--	--	--	--	--	--	--	--
Hawaiian/Pacific Islander	< 16	--	--	--	--	--	--	--	--	--
Two or More Races	< 16	--	--	--	--	--	--	--	--	--
ELA Grade 05										
American Indian or Alaska Native	272	65.9	733	32	13.6	27.9	29.8	--	--	28.7
Asian	1,391	72.8	756	33	5.0	13.0	20.8	52.7	8.6	61.3
Black	1,792	61.0	733	29	12.6	26.9	29.9	29.7	0.9	30.6
Hispanic	15,780	71.6	731	30	13.5	29.8	29.5	25.8	1.4	27.2
White	25,357	78.0	755	30	3.9	12.5	23.9	53.1	6.6	59.7
Hawaiian/Pacific Islander	105	62.5	732	32	15.2	29.5	28.6	--	--	26.7
Two or More Races	2,201	71.9	751	32	5.7	16.8	23.5	47.9	6.0	54.0
Not Reported	< 16	--	--	--	--	--	--	--	--	--
ELA Grade 07										
American Indian or Alaska Native	243	58.3	722	37	25.9	26.7	25.1	17.7	4.5	22.2
Asian	1,292	63.1	760	38	7.7	9.7	18.9	35.5	28.2	63.7
Black	1,537	50.1	728	35	22.6	24.1	25.2	21.9	6.1	28.0
Hispanic	14,729	61.4	727	34	22.0	26.3	26.7	20.1	4.9	25.0
White	23,190	67.1	751	35	7.7	14.8	24.2	35.7	17.6	53.3
Hawaiian/Pacific Islander	94	50.0	734	35	14.9	25.5	22.3	30.9	6.4	37.2
Two or More Races	1,837	57.9	748	37	9.9	16.4	24.4	32.8	16.4	49.3
Not Reported	< 16	--	--	--	--	--	--	--	--	--

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Mathematics Results by Race/Ethnicity

Report Category	Participation Information		Score Information		Performance Level Information					
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
Mathematics Grade 04										
American Indian or Alaska Native	267	69.2	715	33	37.5	26.2	19.9	--	--	16.5
Asian	1,516	74.0	747	36	10.0	18.1	22.8	41.3	7.8	49.1
Black	1,749	61.7	714	30	35.3	30.5	21.4	12.4	0.3	12.8
Hispanic	15,294	72.4	714	29	34.2	32.0	21.8	11.6	0.5	12.0
White	25,547	79.7	739	32	11.4	21.0	29.7	34.9	3.1	38.0
Hawaiian/Pacific Islander	128	66.0	715	32	32.8	29.7	21.1	--	--	16.4
Two or More Races	2,271	72.3	735	34	15.7	21.5	29.2	30.0	3.6	33.6
Not Reported	< 16	--	--	--	--	--	--	--	--	--
Mathematics Grade 06										
American Indian or Alaska Native	244	56.6	712	30	36.5	29.9	22.1	--	--	11.5
Asian	1,364	69.7	747	37	10.4	15.7	25.6	34.7	13.6	48.3
Black	1,626	53.6	712	30	36.4	30.8	22.0	9.8	1.0	10.8
Hispanic	15,409	66.3	712	29	34.5	33.1	22.2	9.4	0.8	10.3
White	24,127	72.1	735	31	12.1	23.7	31.9	28.1	4.2	32.3
Hawaiian/Pacific Islander	94	50.3	720	32	27.7	25.5	29.8	--	--	17.0
Two or More Races	1,946	64.4	731	33	17.0	26.4	27.6	24.2	4.8	29.0
Not Reported	< 16	--	--	--	--	--	--	--	--	--
Mathematics Grade 08										
American Indian or Alaska Native	213	48.0	712	34	38.0	29.6	18.8	--	--	13.6
Asian	1,219	58.4	758	43	9.2	16.0	17.8	40.7	16.3	57.0
Black	1,296	41.8	713	35	39.1	28.2	18.1	12.9	1.6	14.5
Hispanic	13,683	57.2	713	33	35.7	31.7	19.4	11.9	1.3	13.2
White	21,082	60.6	741	38	13.9	21.9	24.9	33.0	6.3	39.3
Hawaiian/Pacific Islander	93	47.7	723	35	24.7	34.4	18.3	--	--	22.6
Two or More Races	1,611	51.5	737	40	17.5	24.0	24.6	26.9	7.0	33.9
Not Reported	< 16	--	--	--	--	--	--	--	--	--

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Note: Free and Reduced Lunch data collection and reporting was less precise for spring 2021 assessments than historically. These data should be used with caution.

English Language Arts Results by Free/Reduced Lunch Status

Report Category	Participation Information		Score Information		Performance Level Information					
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
ELA Grade 03										
Grade 03 - English										
Free/Reduced Lunch Eligible	17,022	73.3	716	38	36.9	22.8	20.0	19.4	1.0	20.4
Not Free/Reduced Lunch Eligible	28,165	78.0	748	40	12.3	15.0	22.2	44.3	6.2	50.5
Grade 03 - Spanish										
Free/Reduced Lunch Eligible	632	58.7	724	26	15.5	32.3	35.1	--	--	17.1
Not Free/Reduced Lunch Eligible	205	59.9	721	24	16.6	38.5	34.6	--	--	10.2
ELA Grade 05										
Free/Reduced Lunch Eligible	18,097	71.1	731	29	13.5	29.7	30.2	25.6	1.0	26.6
Not Free/Reduced Lunch Eligible	28,812	76.6	756	31	4.0	12.6	23.3	53.2	6.9	60.1
ELA Grade 07										
Free/Reduced Lunch Eligible	15,804	59.9	725	33	23.2	27.4	26.5	18.8	4.2	23.0
Not Free/Reduced Lunch Eligible	27,124	66.1	752	35	7.6	14.2	24.1	36.0	18.1	54.1

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Mathematics Results by Free/Reduced Lunch Status

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	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
Mathematics Grade 04										
Free/Reduced Lunch Eligible	17,641	72.0	713	29	34.6	32.4	21.6	11.0	0.3	11.3
Not Free/Reduced Lunch Eligible	29,140	78.1	739	32	11.3	20.4	29.4	35.5	3.5	38.9
Mathematics Grade 06										
Free/Reduced Lunch Eligible	16,815	64.4	711	28	35.1	33.7	22.1	8.6	0.5	9.1
Not Free/Reduced Lunch Eligible	27,998	71.3	736	31	12.6	23.2	31.1	28.3	4.8	33.2
Mathematics Grade 08										
Free/Reduced Lunch Eligible	14,077	55.1	712	31	37.3	32.1	19.0	10.8	0.9	11.6
Not Free/Reduced Lunch Eligible	25,125	59.7	741	39	14.2	21.8	24.5	32.7	6.9	39.6



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English Language Arts Results by Special Programs Status

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	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
ELA Grade 03										
Grade 03 - English										
IEP	5,017	67.6	699	37	58.8	17.9	12.0	10.8	0.5	11.4
No IEP	40,170	77.4	741	41	16.9	18.0	22.5	37.9	4.7	42.6
Title I	17,034	74.3	720	40	34.0	22.1	20.2	22.4	1.4	23.8
Not Title I	28,153	77.4	746	41	14.0	15.5	22.1	42.5	5.9	48.4
Grade 03 - Spanish										
IEP	65	47.8	704	23	36.9	47.7	10.8	--	--	4.6
No IEP	772	60.2	725	25	14.0	32.6	37.0	--	--	16.3
Title I	800	59.4	723	26	16.0	33.5	35.0	--	--	15.5
Not Title I	37	51.4	724	23	10.8	40.5	35.1	--	--	13.5
ELA Grade 05										
IEP	5,601	68.2	716	28	27.2	41.1	20.3	10.7	0.7	11.4
No IEP	41,308	75.3	750	31	5.0	16.2	26.7	46.9	5.2	52.0
Title I	18,150	72.4	733	30	12.7	28.5	29.3	28.0	1.5	29.6
Not Title I	28,759	75.7	754	31	4.5	13.4	23.8	51.7	6.6	58.3
ELA Grade 07										
IEP	4,704	59.5	704	29	47.7	30.8	14.8	5.9	0.9	6.7
No IEP	38,224	64.2	747	35	9.1	17.6	26.2	32.6	14.5	47.0
Title I	8,138	58.0	725	35	24.5	26.6	24.7	18.8	5.4	24.2
Not Title I	34,790	65.1	746	36	10.7	17.3	25.0	32.2	14.8	46.9

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Colorado Measures of Academic Success (CMAS) 2021 State Achievement Results English Language Arts/Literacy and Mathematics 2021 REQUIRED TESTS

Interpretation Considerations

Colorado state assessments are the only standards-based statewide indicators of student achievement. Spring 2021 results can be used as a temperature check to identify where the pandemic may have differentially impacted learning across Colorado student groups and as a baseline to support the evaluation of future COVID-19 recovery efforts.

COVID-19 Disrupted Learning for Many Students	2021 State Assessment Results Provide Insight into Student Learning	Participation Information is Critical to Interpretation
<ul style="list-style-type: none"> • Students may have had reduced or disrupted learning opportunities • Students received instruction under in-person, remote and/or hybrid models • Schools may have adjusted or reduced covered content 	<ul style="list-style-type: none"> • Spring 2021 tests did not change • Scale scores and performance levels hold the same meaning as previous years • Individual student results can be interpreted with reasonable confidence for students who had a relatively typical testing experience 	<ul style="list-style-type: none"> • Fewer students tested in 2021 and participation varied by group • Some student groups tested at a higher rate than other groups • For some districts, schools and student groups, this year's data will not support all of the cross-state comparisons and uses made with prior years' data

Mathematics Results by Special Programs Status

Report Category	Participation Information		Score Information		Performance Level Information					
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
Mathematics Grade 04										
IEP	5,725	69.4	702	29	53.0	26.4	12.3	7.7	0.5	8.2
No IEP	41,056	76.7	733	32	15.5	24.7	28.4	28.8	2.5	31.3
Title I	18,081	73.6	715	30	32.2	31.3	22.9	13.1	0.5	13.7
Not Title I	28,700	77.1	738	32	12.5	21.0	28.7	34.5	3.4	37.9
Mathematics Grade 06										
IEP	5,147	63.5	697	26	58.6	27.6	10.0	3.4	0.4	3.8
No IEP	39,666	69.3	730	31	16.1	27.0	30.0	23.2	3.6	26.8
Title I	9,390	63.3	712	30	36.3	31.9	21.0	9.7	1.1	10.7
Not Title I	35,423	70.1	730	32	17.0	25.8	29.5	23.9	3.8	27.7
Mathematics Grade 08										
IEP	3,971	54.2	695	27	61.9	26.3	8.3	2.9	0.5	3.4
No IEP	35,231	58.4	734	38	18.0	25.4	24.1	27.3	5.2	32.5
Title I	7,674	53.7	711	32	39.1	30.9	18.3	10.6	1.0	11.6
Not Title I	31,528	59.0	735	39	18.4	24.2	23.5	28.2	5.6	33.9

Colorado Measures of Academic Success (CMAS) 2021 State Achievement Results English Language Arts/Literacy and Mathematics 2021 REQUIRED TESTS

Interpretation Considerations

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COVID-19 Disrupted Learning for Many Students	2021 State Assessment Results Provide Insight into Student Learning	Participation Information is Critical to Interpretation
<ul style="list-style-type: none"> • Students may have had reduced or disrupted learning opportunities • Students received instruction under in-person, remote and/or hybrid models • Schools may have adjusted or reduced covered content 	<ul style="list-style-type: none"> • Spring 2021 tests did not change • Scale scores and performance levels hold the same meaning as previous years • Individual student results can be interpreted with reasonable confidence for students who had a relatively typical testing experience 	<ul style="list-style-type: none"> • Fewer students tested in 2021 and participation varied by group • Some student groups tested at a higher rate than other groups • For some districts, schools and student groups, this year's data will not support all of the cross-state comparisons and uses made with prior years' data

English Language Arts Results by Language Proficiency

Report Category	Participation Information		Score Information		Performance Level Information					
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
ELA Grade 03										
Grade 03 - English										
English Learner (EL)	5,952	74.1	703	34	50.6	23.7	15.6	9.8	0.3	10.1
EL: NEP (Not English Proficient)	1,149	71.6	677	23	85.5	10.4	3.1	--	--	1.0
EL: LEP (Limited English Proficient)	4,803	74.8	709	33	42.3	26.9	18.6	--	--	12.2
Not English Learner (Not EL)	39,235	76.5	741	41	17.1	17.1	22.2	38.7	4.8	43.5
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	1,050	78.9	749	33	6.5	14.2	32.2	43.1	4.0	47.1
Not EL: PHLOTE, NA, Not Reported	38,185	76.4	741	42	17.4	17.2	22.0	38.6	4.9	43.4
Grade 03 - Spanish										
English Learner (EL)	837	59.0	723	26	15.8	33.8	35.0	14.5	1.0	15.4
EL: NEP (Not English Proficient)	289	62.7	714	24	25.6	40.1	26.6	--	--	7.6
EL: LEP (Limited English Proficient)	548	57.3	728	25	10.6	30.5	39.4	--	--	19.5
Not English Learner (Not EL)	< 16	--	--	--	--	--	--	--	--	--
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	< 16	--	--	--	--	--	--	--	--	--
ELA Grade 05										
English Learner (EL)	4,963	69.7	714	23	25.7	44.9	22.7	6.5	0.1	6.6
EL: NEP (Not English Proficient)	624	68.5	699	20	47.3	45.4	6.1	--	--	1.3
EL: LEP (Limited English Proficient)	4,339	69.9	716	23	22.6	44.8	25.1	--	--	7.4
Not English Learner (Not EL)	41,946	75.0	750	31	5.5	16.2	26.3	46.8	5.2	52.0
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	3,825	75.7	743	27	4.7	19.2	35.6	38.4	2.2	40.5
Not EL: PHLOTE, NA, Not Reported	38,121	74.9	751	32	5.6	15.9	25.4	47.7	5.5	53.1
ELA Grade 07										
English Learner (EL)	3,680	61.6	702	26	47.5	34.1	14.8	3.3	0.3	3.6
EL: NEP (Not English Proficient)	593	59.7	682	20	81.8	15.2	2.5	--	--	0.5
EL: LEP (Limited English Proficient)	3,087	62.0	706	25	40.9	37.8	17.2	--	--	4.1
Not English Learner (Not EL)	39,248	63.9	746	36	10.1	17.7	25.9	32.1	14.2	46.3
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	4,916	65.7	740	31	9.1	21.3	33.7	27.7	8.2	35.9
Not EL: PHLOTE, NA, Not Reported	34,332	63.6	747	36	10.3	17.1	24.8	32.7	15.0	47.8

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* NA = Not Available



Colorado Measures of Academic Success (CMAS) 2021 State Achievement Results English Language Arts/Literacy and Mathematics 2021 REQUIRED TESTS

Interpretation Considerations

Colorado state assessments are the only standards-based statewide indicators of student achievement. Spring 2021 results can be used as a temperature check to identify where the pandemic may have differentially impacted learning across Colorado student groups and as a baseline to support the evaluation of future COVID-19 recovery efforts.

COVID-19 Disrupted Learning for Many Students	2021 State Assessment Results Provide Insight into Student Learning	Participation Information is Critical to Interpretation
<ul style="list-style-type: none"> • Students may have had reduced or disrupted learning opportunities • Students received instruction under in-person, remote and/or hybrid models • Schools may have adjusted or reduced covered content 	<ul style="list-style-type: none"> • Spring 2021 tests did not change • Scale scores and performance levels hold the same meaning as previous years • Individual student results can be interpreted with reasonable confidence for students who had a relatively typical testing experience 	<ul style="list-style-type: none"> • Fewer students tested in 2021 and participation varied by group • Some student groups tested at a higher rate than other groups • For some districts, schools and student groups, this year's data will not support all of the cross-state comparisons and uses made with prior years' data

Mathematics Results by Language Proficiency

Report Category	Participation Information		Score Information		Performance Level Information					
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
Mathematics Grade 04										
English Learner (EL)	6,163	71.4	702	26	48.7	33.2	13.9	4.1	0.2	4.2
EL: NEP (Not English Proficient)	1,125	71.4	687	21	76.7	18.0	4.1	--	--	1.2
EL: LEP (Limited English Proficient)	5,038	71.5	706	25	42.4	36.6	16.1	--	--	4.9
Not English Learner (Not EL)	40,618	76.4	734	33	15.8	23.7	28.4	29.6	2.6	32.2
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	2,232	78.0	733	28	11.0	28.6	33.4	25.2	1.8	27.0
Not EL: PHLOTE, NA, Not Reported	38,386	76.3	734	33	16.0	23.4	28.1	29.9	2.6	32.5
Mathematics Grade 06										
English Learner (EL)	3,957	66.2	696	23	58.6	30.5	9.3	1.5	0.1	1.6
EL: NEP (Not English Proficient)	549	69.1	686	22	74.1	20.9	4.2	--	--	0.7
EL: LEP (Limited English Proficient)	3,408	65.8	697	23	56.1	32.0	10.1	--	--	1.7
Not English Learner (Not EL)	40,856	68.8	730	32	17.4	26.8	29.5	22.8	3.5	26.3
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	4,767	70.2	722	29	21.3	33.2	29.4	14.0	2.2	16.1
Not EL: PHLOTE, NA, Not Reported	36,089	68.6	731	32	16.9	25.9	29.5	24.0	3.7	27.7
Mathematics Grade 08										
English Learner (EL)	3,314	58.6	693	23	62.8	28.7	7.0	--	--	1.5
EL: NEP (Not English Proficient)	661	61.2	687	21	75.3	20.4	3.5	--	--	0.8
EL: LEP (Limited English Proficient)	2,653	58.0	695	23	59.6	30.8	7.9	--	--	1.7
Not English Learner (Not EL)	35,888	57.9	734	38	18.8	25.2	23.9	--	--	32.1
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	4,812	60.1	725	34	21.8	32.0	25.3	18.0	2.9	20.9
Not EL: PHLOTE, NA, Not Reported	31,076	57.5	735	39	18.3	24.1	23.7	--	--	33.8

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COVID-19 Disrupted Learning for Many Students	2021 State Assessment Results Provide Insight into Student Learning	Participation Information is Critical to Interpretation
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English Language Arts Results by Migrant Status

Report Category	Participation Information		Score Information		Performance Level Information					
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
ELA Grade 03										
Grade 03 - English										
Migrant	191	83.0	704	32	49.2	23.6	17.3	--	--	9.9
Not Migrant	44,996	76.2	736	43	21.4	17.9	21.4	--	--	39.3
Grade 03 - Spanish										
Migrant	< 16	--	--	--	--	--	--	--	--	--
Not Migrant	831	59.0	723	25	--	--	--	--	--	--
ELA Grade 05										
Migrant	224	83.0	720	25	20.1	35.3	33.5	--	--	11.2
Not Migrant	46,685	74.4	746	32	7.6	19.1	25.9	--	--	47.3
ELA Grade 07										
Migrant	196	76.0	713	32	39.3	19.9	27.6	--	--	13.3
Not Migrant	42,732	63.6	742	37	13.2	19.1	25.0	--	--	42.8

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Colorado Measures of Academic Success (CMAS) 2021 State Achievement Results English Language Arts/Literacy and Mathematics 2021 REQUIRED TESTS

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COVID-19 Disrupted Learning for Many Students	2021 State Assessment Results Provide Insight into Student Learning	Participation Information is Critical to Interpretation
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Mathematics Results by Migrant Status

Report Category	Participation Information		Score Information		Performance Level Information					
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
Mathematics Grade 04										
Migrant	210	86.4	705	28	46.2	31.0	15.7	--	--	7.1
Not Migrant	46,571	75.7	730	33	20.0	24.9	26.5	--	--	28.6
Mathematics Grade 06										
Migrant	219	81.1	704	25	44.3	37.0	15.5	--	--	3.2
Not Migrant	44,594	68.5	727	32	20.9	27.1	27.8	--	--	24.2
Mathematics Grade 08										
Migrant	193	72.8	703	27	44.6	35.8	12.4	--	--	7.3
Not Migrant	39,009	57.9	730	39	22.4	25.4	22.5	--	--	29.6

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COVID-19 Disrupted Learning for Many Students	2021 State Assessment Results Provide Insight into Student Learning	Participation Information is Critical to Interpretation
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English Language Arts Results by Gifted and Talented Status

Report Category	Participation Information		Score Information		Performance Level Information					
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
ELA Grade 03										
Grade 03 - English										
Gifted and Talented	2,875	80.3	787	33	1.0	3.0	8.3	62.6	25.0	87.6
Not Gifted and Talented	42,312	75.9	733	41	22.9	19.0	22.3	33.0	2.8	35.8
Grade 03 - Spanish										
Gifted and Talented	18	75.0	747	29	--	--	--	--	--	50.0
Not Gifted and Talented	819	58.8	722	25	--	--	--	--	--	14.7
ELA Grade 05										
Gifted and Talented	4,684	77.9	783	24	0.3	1.3	6.7	66.2	25.5	91.7
Not Gifted and Talented	42,225	74.0	742	31	8.5	21.2	28.1	39.9	2.3	42.2
ELA Grade 07										
Gifted and Talented	5,131	68.2	784	28	0.5	2.2	7.7	39.1	50.6	89.7
Not Gifted and Talented	37,797	63.1	736	34	15.1	21.4	27.3	28.4	7.9	36.2

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COVID-19 Disrupted Learning for Many Students	2021 State Assessment Results Provide Insight into Student Learning	Participation Information is Critical to Interpretation
<ul style="list-style-type: none"> • Students may have had reduced or disrupted learning opportunities • Students received instruction under in-person, remote and/or hybrid models • Schools may have adjusted or reduced covered content 	<ul style="list-style-type: none"> • Spring 2021 tests did not change • Scale scores and performance levels hold the same meaning as previous years • Individual student results can be interpreted with reasonable confidence for students who had a relatively typical testing experience 	<ul style="list-style-type: none"> • Fewer students tested in 2021 and participation varied by group • Some student groups tested at a higher rate than other groups • For some districts, schools and student groups, this year's data will not support all of the cross-state comparisons and uses made with prior years' data

Mathematics Results by Gifted and Talented Status

Report Category	Participation Information		Score Information		Performance Level Information					
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations
Mathematics Grade 04										
Gifted and Talented	3,715	81.3	775	25	0.4	2.5	11.8	66.9	18.4	85.3
Not Gifted and Talented	43,066	75.3	726	31	21.8	26.9	27.7	22.7	0.9	23.6
Mathematics Grade 06										
Gifted and Talented	4,913	74.2	769	24	0.6	3.0	15.5	59.6	21.4	81.0
Not Gifted and Talented	39,900	67.9	721	29	23.5	30.1	29.2	16.2	1.0	17.1
Mathematics Grade 08										
Gifted and Talented	4,813	63.3	782	31	0.8	3.0	11.2	58.0	27.0	85.0
Not Gifted and Talented	34,389	57.2	723	34	25.5	28.6	24.1	20.2	1.6	21.8