

## Colorado Measures of Academic Success (CMAS) 2022 State Achievement Results English Language Arts/Literacy and Mathematics

### Interpretation Considerations

**COVID-19**

- Students may have experienced ongoing reduced, disrupted and/or adjusted learning opportunities in school year 2021-2022
- Consider the pandemic's continued impact on learning opportunities for some students

**Participation**

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- Some student groups may have tested at a higher rate than other groups
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### Overall Results

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>English Language Arts/Literacy (ELA) Overall</b>															
<b>Grade 03</b>															
Grade 03 - English	55,078	93.7	76.2	96.9	737	44	22.1	16.6	20.6	35.9	4.9	40.7	39.1	41.3	-0.6
Grade 03 - Spanish	1,301	94.2	59.0	98.6	726	27	18.4	28.0	33.7	17.6	2.2	19.8	15.4	27.5	-7.7
<b>Grade 04</b>															
Grade 04 - English	55,741	93.2	N/A	96.7	740	36	15.1	15.6	25.2	36.8	7.3	44.1	N/A	48.0	-3.9
Grade 04 - Spanish	1,151	93.7	N/A	98.8	726	22	11.6	33.5	41.2	12.5	1.2	13.7	N/A	19.1	-5.4
Grade 05	57,360	92.5	74.4	96.2	745	33	8.2	19.3	27.0	40.6	4.8	45.4	47.2	48.4	-3.0
Grade 06	55,956	88.9	N/A	94.7	742	34	11.5	18.5	27.0	35.6	7.4	43.0	N/A	43.6	-0.6
Grade 07	55,263	84.8	63.7	92.4	741	37	15.1	18.9	24.2	29.5	12.3	41.8	42.6	46.5	-4.7
Grade 08	52,725	78.5	N/A	88.7	742	41	16.7	17.1	22.3	33.3	10.7	43.9	N/A	46.9	-3.0
<b>Mathematics Overall</b>															
Grade 03	56,479	93.9	N/A	97.1	737	39	18.7	19.0	23.0	30.7	8.6	39.4	N/A	41.0	-1.6
Grade 04	56,881	93.3	75.7	96.9	732	33	18.0	24.1	27.2	28.3	2.4	30.7	28.5	33.6	-2.9
Grade 05	57,420	92.7	N/A	96.4	736	35	16.2	24.3	24.6	28.1	6.9	34.9	N/A	35.7	-0.8
Grade 06	55,932	88.9	68.6	94.9	728	33	20.3	26.0	27.4	22.8	3.4	26.3	24.1	29.5	-3.2
Grade 07	55,281	84.8	N/A	92.7	730	28	12.0	32.7	30.2	22.5	2.6	25.1	N/A	31.6	-6.5
Grade 08	52,802	78.7	57.9	88.8	731	40	23.6	23.1	21.0	27.4	5.0	32.4	29.5	36.9	-4.5

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English Language Arts Results by Gender

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>ELA Grade 03</b>															
<b>Grade 03 - English</b>															
Male	27,864	93.0	76.2	96.5	734	43	24.0	17.0	21.1	34.0	3.9	37.9	36.2	37.8	0.1
Female	27,214	94.4	76.1	97.4	741	44	20.3	16.1	20.0	37.8	5.9	43.7	42.2	44.9	-1.2
<b>Grade 03 - Spanish</b>															
Male	616	94.0	60.4	98.4	721	27	23.1	30.8	29.9	14.9	1.3	16.2	11.8	23.2	-7.0
Female	685	94.4	57.6	98.8	729	27	14.3	25.4	37.2	20.0	3.1	23.1	19.5	31.9	-8.8
<b>ELA Grade 04</b>															
<b>Grade 04 - English</b>															
Male	28,570	92.8	N/A	96.6	737	36	17.1	16.3	25.6	35.6	5.5	41.1	N/A	43.3	-2.2
Female	27,171	93.7	N/A	96.9	744	36	13.1	14.8	24.8	38.2	9.2	47.3	N/A	53.0	-5.7
<b>Grade 04 - Spanish</b>															
Male	607	94.3	N/A	98.8	722	22	15.2	38.9	36.7	8.4	0.8	9.2	N/A	13.3	-4.1
Female	544	93.2	N/A	98.9	731	20	7.5	27.6	46.1	17.1	1.7	18.8	N/A	24.4	-5.6
<b>ELA Grade 05</b>															
Male	29,266	92.3	74.6	95.9	742	32	9.6	21.4	27.5	38.2	3.2	41.5	43.5	43.3	-1.8
Female	28,094	92.8	74.2	96.5	749	33	6.7	17.2	26.6	43.1	6.4	49.5	51.0	53.8	-4.3
<b>ELA Grade 06</b>															
Male	28,606	88.9	N/A	94.7	738	34	13.6	20.4	27.6	32.9	5.5	38.5	N/A	37.6	0.9
Female	27,350	88.9	N/A	94.7	746	34	9.3	16.5	26.3	38.5	9.4	47.8	N/A	50.0	-2.2
<b>ELA Grade 07</b>															
Male	28,648	85.4	64.9	93.1	736	37	18.3	20.9	24.4	27.0	9.4	36.4	37.0	38.5	-2.1
Female	26,615	84.1	62.3	91.8	746	37	11.6	16.8	24.0	32.1	15.5	47.5	48.9	55.1	-7.6
<b>ELA Grade 08</b>															
Male	27,622	79.6	N/A	89.8	734	40	21.5	19.7	22.6	29.2	7.0	36.2	N/A	37.7	-1.5
Female	25,103	77.4	N/A	87.6	751	40	11.3	14.2	22.1	37.8	14.7	52.5	N/A	56.9	-4.4

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Mathematics Results by Gender

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>Mathematics Grade 03</b>															
Male	28,556	93.3	N/A	96.7	739	40	18.2	17.7	22.4	32.1	9.6	41.6	N/A	42.5	-0.9
Female	27,923	94.5	N/A	97.5	735	38	19.1	20.2	23.6	29.4	7.7	37.1	N/A	39.5	-2.4
<b>Mathematics Grade 04</b>															
Male	29,186	92.9	75.8	96.7	734	34	17.2	22.6	26.5	30.7	3.0	33.7	31.1	35.9	-2.2
Female	27,695	93.7	75.7	97.0	729	32	19.0	25.6	27.9	25.7	1.8	27.6	25.8	31.1	-3.5
<b>Mathematics Grade 05</b>															
Male	29,333	92.5	N/A	96.2	738	36	15.9	22.5	23.6	30.2	7.7	38.0	N/A	37.2	0.8
Female	28,087	92.8	N/A	96.7	733	34	16.4	26.2	25.6	25.8	6.0	31.7	N/A	34.0	-2.3
<b>Mathematics Grade 06</b>															
Male	28,601	88.9	69.4	94.9	730	33	19.5	24.8	27.4	24.3	4.0	28.3	25.6	30.1	-1.8
Female	27,331	88.9	67.7	94.9	726	32	21.2	27.3	27.3	21.3	2.9	24.2	22.5	29.0	-4.8
<b>Mathematics Grade 07</b>															
Male	28,685	85.5	N/A	93.3	731	28	11.3	32.7	30.2	23.0	2.7	25.7	N/A	31.7	-6.0
Female	26,596	84.0	N/A	92.0	730	28	12.7	32.7	30.2	22.0	2.4	24.4	N/A	31.5	-7.1
<b>Mathematics Grade 08</b>															
Male	27,680	79.8	60.1	89.9	731	41	24.8	22.6	20.1	27.5	5.0	32.5	29.7	35.2	-2.7
Female	25,122	77.4	55.7	87.7	732	39	22.3	23.6	21.9	27.3	4.9	32.2	29.4	38.6	-6.4

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English Language Arts Results by Race/Ethnicity

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>ELA Grade 06</b>															
American Indian or Alaska Native	363	87.5	N/A	96.2	724	34	21.8	32.2	24.0	--	--	22.0	N/A	25.6	-3.6
Asian	1,730	92.2	N/A	96.6	758	34	6.2	9.8	22.0	45.0	17.0	62.0	N/A	63.6	-1.6
Black	2,508	87.0	N/A	95.7	728	33	19.9	N/A	25.7	28.3	23.5	26.1	N/A	27.6	-1.5
Hispanic	19,956	89.7	N/A	96.1	727	32	19.2	26.9	29.6	22.0	2.2	24.3	N/A	26.6	-2.3
White	28,503	88.5	N/A	93.4	752	31	5.8	12.5	25.5	45.5	10.7	56.2	N/A	55.1	1.1
Hawaiian/Pacific Islander	144	84.2	N/A	95.7	723	34	25.0	27.1	24.3	--	--	23.6	N/A	31.3	-7.7
Two or More Races	2,746	88.5	N/A	94.8	748	34	7.8	16.6	25.3	40.3	10.1	50.4	N/A	50.5	-0.1
Not Reported	< 16	75.0	N/A	--	--	--	--	--	--	--	--	--	N/A	--	--
<b>ELA Grade 07</b>															
American Indian or Alaska Native	365	82.6	58.3	91.0	725	33	25.8	27.1	23.6	19.7	3.8	23.6	22.2	28.9	-5.3
Asian	1,751	88.9	63.1	94.9	759	37	7.5	10.7	19.0	36.7	26.1	62.8	63.7	65.5	-2.7
Black	2,437	81.6	50.1	94.0	728	35	23.5	23.9	24.9	21.7	6.0	27.8	28.0	30.1	-2.3
Hispanic	20,234	86.5	61.4	94.3	726	34	24.1	25.8	25.2	20.5	4.3	24.8	25.0	29.9	-5.1
White	27,768	83.8	67.1	91.1	751	35	8.3	14.3	23.8	35.9	17.7	53.6	53.3	57.4	-3.8
Hawaiian/Pacific Islander	163	90.1	50.0	94.0	728	37	28.2	16.0	27.6	23.9	4.3	28.2	37.2	43.3	-15.1
Two or More Races	2,538	82.5	57.9	91.1	747	37	12.0	14.6	23.8	34.4	15.3	49.7	49.3	54.4	-4.7
Not Reported	< 16	87.5	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>ELA Grade 08</b>															
American Indian or Alaska Native	316	75.1	N/A	89.4	721	37	31.0	26.6	19.3	20.3	2.8	23.1	N/A	33.8	-10.7
Asian	1,707	83.8	N/A	92.3	763	41	8.4	9.2	17.3	43.2	21.9	65.1	N/A	69.7	-4.6
Black	2,291	76.0	N/A	89.4	730	38	24.6	20.6	23.1	26.9	4.8	31.7	N/A	33.4	-1.7
Hispanic	19,603	81.3	N/A	91.3	727	38	26.0	22.3	23.9	23.5	4.3	27.8	N/A	31.2	-3.4
White	26,269	76.9	N/A	86.8	753	39	9.7	13.5	21.5	40.4	15.0	55.3	N/A	57.1	-1.8
Hawaiian/Pacific Islander	158	80.2	N/A	90.0	728	39	22.2	23.4	25.3	25.3	3.8	29.1	N/A	36.4	-7.3
Two or More Races	2,375	75.0	N/A	88.2	750	40	12.3	14.8	21.5	37.1	14.2	51.4	N/A	54.4	-3.0
Not Reported	< 16	66.7	N/A	--	--	--	6.7	--	--	--	--	--	N/A	--	--

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Mathematics Results by Race/Ethnicity

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	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>Mathematics Grade 03</b>															
American Indian or Alaska Native	359	90.9	N/A	94.8	715	36	36.8	24.5	21.2	15.9	1.7	17.5	N/A	22.4	-4.9
Asian	1,973	94.6	N/A	97.9	758	40	9.2	9.6	18.7	41.7	20.8	62.5	N/A	61.3	1.2
Black	2,572	91.1	N/A	97.2	720	38	32.6	22.7	21.2	20.2	3.2	23.4	N/A	24.3	-0.9
Hispanic	18,975	94.4	N/A	97.9	719	36	31.5	25.2	22.1	18.2	3.0	21.2	N/A	25.7	-4.5
White	29,413	93.8	N/A	96.5	748	36	9.9	15.4	24.1	38.8	11.8	50.6	N/A	51.2	-0.6
Hawaiian/Pacific Islander	185	92.0	N/A	99.4	717	36	36.8	15.7	27.0	18.4	2.2	20.5	N/A	34.2	-13.7
Two or More Races	2,995	93.8	N/A	97.4	743	40	14.2	17.2	21.9	35.2	11.7	46.8	N/A	46.0	0.8
Not Reported	< 16	87.5	N/A	--	--	--	--	--	--	--	--	--	N/A	--	--
<b>Mathematics Grade 04</b>															
American Indian or Alaska Native	364	93.3	69.2	96.1	715	32	32.7	33.8	18.7	13.2	1.6	14.8	16.5	16.4	-1.6
Asian	1,898	94.7	74.0	98.1	749	34	8.0	14.9	27.0	42.9	7.2	50.1	49.1	55.1	-5.0
Black	2,505	91.6	61.7	97.6	716	29	32.5	30.5	23.9	12.7	0.5	13.2	12.8	18.2	-5.0
Hispanic	19,428	94.0	72.4	97.9	717	29	30.1	31.9	23.5	14.0	0.5	14.5	12.0	18.4	-3.9
White	29,599	92.9	79.7	96.1	742	31	9.7	19.0	29.9	38.0	3.5	41.5	38.0	43.8	-2.3
Hawaiian/Pacific Islander	164	91.1	66.0	97.1	718	32	31.1	26.8	23.8	--	--	18.3	16.4	25.3	-7.0
Two or More Races	2,918	93.0	72.3	96.7	736	33	14.5	22.3	29.2	31.0	3.0	34.0	33.6	38.9	-4.9
Not Reported	< 16	83.3	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Mathematics Grade 05</b>															
American Indian or Alaska Native	347	90.8	N/A	94.3	718	32	33.4	33.4	15.0	15.9	2.3	18.2	N/A	21.1	-2.9
Asian	1,957	95.1	N/A	98.3	756	36	6.1	14.6	22.3	38.2	18.9	57.0	N/A	58.3	-1.3
Black	2,509	89.4	N/A	97.0	719	31	28.3	31.6	22.7	15.4	2.1	17.5	N/A	19.4	-1.9
Hispanic	20,045	93.6	N/A	97.7	721	31	26.3	32.5	23.2	16.0	2.0	18.0	N/A	20.3	-2.3
White	29,443	92.2	N/A	95.5	746	34	9.0	18.8	26.0	36.5	9.7	46.1	N/A	46.0	0.1
Hawaiian/Pacific Islander	181	91.4	N/A	97.3	721	33	30.4	27.6	24.3	13.8	3.9	17.7	N/A	32.6	-14.9
Two or More Races	2,934	92.2	N/A	96.2	741	36	12.3	22.0	24.3	32.3	9.1	41.4	N/A	40.6	0.8
Not Reported	< 16	57.1	N/A	--	--	--	--	--	--	--	--	--	N/A	--	--
<b>Mathematics Grade 06</b>															
American Indian or Alaska Native	359	86.5	56.6	96.0	711	29	39.0	28.4	22.0	--	--	10.6	11.5	13.9	-3.3
Asian	1,740	92.8	69.7	97.4	749	35	9.0	14.5	27.3	36.3	12.8	49.1	48.3	54.2	-5.1
Black	2,489	86.5	53.6	95.9	712	30	37.1	30.5	21.2	--	--	11.2	10.8	13.2	-2.0
Hispanic	19,998	89.9	66.3	96.6	714	28	32.4	33.2	22.9	10.7	0.8	11.5	10.3	14.8	-3.3
White	28,462	88.3	72.1	93.5	738	31	11.1	21.4	31.2	31.5	4.8	36.3	32.3	39.6	-3.3
Hawaiian/Pacific Islander	142	83.0	50.3	95.7	712	28	37.3	29.6	22.5	--	--	10.6	17.0	15.6	-5.0
Two or More Races	2,736	88.1	64.4	94.9	733	34	16.9	24.5	26.2	26.7	5.7	32.4	29.0	32.5	-0.1
Not Reported	< 16	75.0	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Mathematics Grade 07</b>															
American Indian or Alaska Native	366	82.8	N/A	91.4	717	24	23.5	43.4	21.9	--	--	11.2	N/A	15.4	-4.2
Asian	1,766	89.6	N/A	95.1	749	30	4.7	18.7	25.7	39.7	11.3	51.0	N/A	57.0	-6.0
Black	2,419	80.9	N/A	93.9	719	26	21.1	41.9	25.1	--	--	11.9	N/A	14.6	-2.7
Hispanic	20,282	86.7	N/A	94.9	719	24	19.2	44.3	25.7	10.2	0.6	10.8	N/A	15.5	-4.7
White	27,743	83.7	N/A	91.1	739	27	6.4	24.5	34.3	31.3	3.6	34.8	N/A	41.9	-7.1
Hawaiian/Pacific Islander	159	88.8	N/A	95.8	718	24	22.0	43.4	23.9	--	--	10.7	N/A	23.8	-13.1
Two or More Races	2,539	82.5	N/A	91.1	734	28	9.8	29.5	31.3	26.3	3.1	29.4	N/A	38.1	-8.7
Not Reported	< 16	87.5	N/A	--	--	--	--	--	--	--	--	--	N/A	--	--
<b>Mathematics Grade 08</b>															
American Indian or Alaska Native	312	73.9	48.0	89.2	711	36	43.6	24.7	15.7	--	--	16.0	13.6	20.7	-4.7
Asian	1,704	83.8	58.4	92.5	759	44	9.5	13.6	18.4	41.6	17.0	58.6	57.0	64.3	-5.7
Black	2,292	76.0	41.8	89.2	714	35	37.7	28.1	17.8	15.3	1.2	16.5	14.5	18.8	-2.3
Hispanic	19,685	81.6	57.2	91.7	714	33	37.1	29.0	18.8	14.0	1.1	15.1	13.2	19.9	-4.8
White	26,261	76.8	60.6	86.8	744	39	13.3	18.8	23.1	37.6	7.2	44.8	39.3	48.1	-3.3
Hawaiian/Pacific Islander	155	78.7	47.7	90.6	713	32	34.8	34.2	18.7	--	--	12.3	22.6	24.5	-12.2
Two or More Races	2,386	75.2	51.5	87.9	738	41	18.1	21.8	21.9	30.7	7.6	38.3	33.9	43.5	-5.2
Not Reported	< 16	77.8	--	--	--	--	--	--	--	--	--	--	--	--	--

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Colorado Measures of Academic Success (CMAS)  
2022 State Achievement Results  
English Language Arts/Literacy and Mathematics

Interpretation Considerations

<p><b>COVID-19</b></p> <ul style="list-style-type: none"> <li>Students may have experienced ongoing reduced, disrupted and/or adjusted learning opportunities in school year 2021-2022</li> <li>Consider the pandemic's continued impact on learning opportunities for some students</li> </ul>	<p><b>Participation</b></p> <ul style="list-style-type: none"> <li>Interpretation challenges increase as participation rates and/or representativeness* decrease</li> <li>Some student groups may have tested at a higher rate than other groups</li> <li>Data will not support all cross-state comparisons and historical uses when participation rates are low and/or representativeness* is limited</li> <li>Cross-year comparisons should consider differences in participation rates and representativeness* across years</li> </ul> <p>*Representativeness: how well the demographics of the tested student population mirrored the demographics of the enrolled student population</p>
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English Language Arts Results by Free/Reduced Lunch Status

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>ELA Grade 03</b>															
<b>Grade 03 - English</b>															
Free/Reduced Lunch Eligible	19,714	92.9	73.3	97.3	717	40	37.2	21.2	19.5	20.9	1.3	22.2	20.4	24.1	-1.9
Not Free/Reduced Lunch Eligible	35,364	94.1	78.0	96.6	749	42	13.8	14.0	21.1	44.2	6.9	51.1	50.5	54.2	-3.1
<b>Grade 03 - Spanish</b>															
Free/Reduced Lunch Eligible	957	95.4	58.7	98.7	727	27	17.1	27.2	33.6	19.5	2.5	22.0	17.1	27.7	-5.7
Not Free/Reduced Lunch Eligible	344	91.0	59.9	97.8	721	27	22.1	30.2	34.0	12.2	1.5	13.7	10.2	25.8	-12.1
<b>ELA Grade 04</b>															
<b>Grade 04 - English</b>															
Free/Reduced Lunch Eligible	20,183	93.2	N/A	97.3	723	35	26.7	22.4	26.7	22.2	2.0	24.2	N/A	30.0	-5.8
Not Free/Reduced Lunch Eligible	35,558	93.3	N/A	96.3	750	34	8.5	11.7	24.3	45.2	10.3	55.4	N/A	61.9	-6.5
<b>Grade 04 - Spanish</b>															
Free/Reduced Lunch Eligible	803	94.7	N/A	99.1	727	22	10.7	33.3	41.6	13.2	1.2	14.4	N/A	19.0	-4.6
Not Free/Reduced Lunch Eligible	348	91.6	N/A	96.0	725	23	13.5	34.2	40.2	10.9	1.1	12.1	N/A	20.0	-7.9
<b>ELA Grade 05</b>															
Free/Reduced Lunch Eligible	20,936	92.2	71.1	96.8	731	30	14.2	29.3	30.3	25.0	1.1	26.1	26.6	30.7	-4.6
Not Free/Reduced Lunch Eligible	36,424	92.7	76.6	95.7	754	32	4.7	13.6	25.2	49.6	6.9	56.5	60.1	62.4	-5.9
<b>ELA Grade 06</b>															
Free/Reduced Lunch Eligible	20,633	88.8	N/A	95.5	726	31	20.1	27.2	29.6	21.1	1.9	23.0	N/A	25.2	-2.2
Not Free/Reduced Lunch Eligible	35,323	89.0	N/A	94.0	751	32	6.4	13.4	25.4	44.1	10.6	54.7	N/A	57.5	-2.8
<b>ELA Grade 07</b>															
Free/Reduced Lunch Eligible	19,927	84.8	59.9	93.6	724	33	25.5	26.3	25.1	19.4	3.8	23.2	23.0	28.6	-5.4
Not Free/Reduced Lunch Eligible	35,336	84.8	66.1	91.6	750	36	9.2	14.8	23.7	35.1	17.1	52.2	54.1	59.4	-7.2
<b>ELA Grade 08</b>															
Free/Reduced Lunch Eligible	19,013	79.8	N/A	90.7	726	37	26.8	22.8	23.6	22.8	4.0	26.8	N/A	30.0	-3.2
Not Free/Reduced Lunch Eligible	33,712	77.9	N/A	87.4	752	40	10.9	13.8	21.6	39.2	14.4	53.6	N/A	58.7	-5.1

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Colorado Measures of Academic Success (CMAS)  
2022 State Achievement Results  
English Language Arts/Literacy and Mathematics

Interpretation Considerations

<p><b>COVID-19</b></p> <ul style="list-style-type: none"> <li>Students may have experienced ongoing reduced, disrupted and/or adjusted learning opportunities in school year 2021-2022</li> <li>Consider the pandemic's continued impact on learning opportunities for some students</li> </ul>	<p><b>Participation</b></p> <ul style="list-style-type: none"> <li>Interpretation challenges increase as participation rates and/or representativeness* decrease</li> <li>Some student groups may have tested at a higher rate than other groups</li> <li>Data will not support all cross-state comparisons and historical uses when participation rates are low and/or representativeness* is limited</li> <li>Cross-year comparisons should consider differences in participation rates and representativeness* across years</li> </ul> <p>*Representativeness: how well the demographics of the tested student population mirrored the demographics of the enrolled student population</p>
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Mathematics Results by Free/Reduced Lunch Status

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>Mathematics Grade 03</b>															
Free/Reduced Lunch Eligible	20,726	93.3	N/A	97.5	718	36	32.3	25.3	22.3	17.7	2.4	20.1	N/A	24.5	-4.4
Not Free/Reduced Lunch Eligible	35,753	94.2	N/A	96.8	748	37	10.8	15.3	23.4	38.3	12.2	50.5	N/A	54.1	-3.6
<b>Mathematics Grade 04</b>															
Free/Reduced Lunch Eligible	20,971	93.3	72.0	97.4	716	29	30.8	32.3	23.7	12.7	0.5	13.2	11.3	17.5	-4.3
Not Free/Reduced Lunch Eligible	35,910	93.3	78.1	96.4	741	32	10.6	19.2	29.2	37.4	3.6	41.0	38.9	46.3	-5.3
<b>Mathematics Grade 05</b>															
Free/Reduced Lunch Eligible	20,953	92.3	N/A	97.2	719	30	27.2	33.2	22.9	15.0	1.7	16.7	N/A	19.5	-2.8
Not Free/Reduced Lunch Eligible	36,467	92.8	N/A	95.9	745	34	9.9	19.2	25.6	35.6	9.8	45.4	N/A	48.4	-3.0
<b>Mathematics Grade 06</b>															
Free/Reduced Lunch Eligible	20,584	88.7	64.4	95.8	713	28	33.9	33.4	22.6	9.5	0.5	10.0	9.1	13.5	-3.5
Not Free/Reduced Lunch Eligible	35,348	89.1	71.3	94.2	737	32	12.4	21.7	30.1	30.6	5.1	35.7	33.2	41.8	-6.1
<b>Mathematics Grade 07</b>															
Free/Reduced Lunch Eligible	19,907	84.7	N/A	93.9	718	23	20.1	44.9	25.4	9.1	0.4	9.5	N/A	14.5	-5.0
Not Free/Reduced Lunch Eligible	35,374	84.9	N/A	91.8	738	27	7.4	25.9	32.9	30.0	3.8	33.8	N/A	43.9	-10.1
<b>Mathematics Grade 08</b>															
Free/Reduced Lunch Eligible	19,033	79.8	55.1	90.7	713	33	37.9	29.3	18.6	13.2	1.0	14.2	11.6	18.7	-4.5
Not Free/Reduced Lunch Eligible	33,769	78.0	59.7	87.6	742	40	15.6	19.5	22.3	35.5	7.2	42.6	39.6	49.5	-6.9

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Colorado Measures of Academic Success (CMAS)  
2022 State Achievement Results  
English Language Arts/Literacy and Mathematics

Interpretation Considerations

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English Language Arts Results by Special Programs Status

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>ELA Grade 03</b>															
<b>Grade 03 - English</b>															
IEP	6,494	84.6	67.6	90.8	698	38	60.8	17.0	11.3	9.9	1.0	10.9	11.4	10.8	0.1
No IEP	48,584	95.1	77.4	97.7	743	42	17.0	16.5	21.8	39.3	5.4	44.7	42.6	45.1	-0.4
Title I	20,687	94.3	74.3	97.8	720	41	34.7	20.4	19.6	23.5	1.8	25.3	23.8	26.4	-1.1
Not Title I	34,391	93.4	77.4	96.3	747	42	14.6	14.3	21.1	43.3	6.7	50.1	48.4	50.7	-0.6
<b>Grade 03 - Spanish</b>															
IEP	116	85.3	47.8	97.5	703	21	47.4	40.5	8.6	--	--	3.4	4.6	2.5	0.9
No IEP	1,185	95.2	60.2	98.7	728	26	15.6	26.8	36.2	--	--	21.4	16.3	30.1	-8.7
Title I	1,229	94.2	59.4	98.6	726	27	18.2	28.6	33.3	--	--	19.9	15.5	28.0	-8.1
Not Title I	72	94.7	51.4	98.1	725	30	22.2	18.1	41.7	--	--	18.1	13.5	21.0	-2.9
<b>ELA Grade 04</b>															
<b>Grade 04 - English</b>															
IEP	6,637	84.6	N/A	91.6	703	34	52.9	20.1	15.7	10.4	0.9	11.3	N/A	10.5	0.8
No IEP	49,104	94.5	N/A	97.4	746	34	10.0	15.0	26.5	40.4	8.1	48.5	N/A	52.9	-4.4
Title I	21,275	94.3	N/A	97.8	726	35	24.5	21.5	26.3	24.9	2.8	27.7	N/A	32.2	-4.5
Not Title I	34,466	92.6	N/A	96.0	749	34	9.3	12.0	24.5	44.2	10.0	54.2	N/A	58.2	-4.0
<b>Grade 04 - Spanish</b>															
IEP	92	80.7	N/A	97.5	709	20	32.6	47.8	16.3	--	--	3.3	N/A	2.6	0.7
No IEP	1,059	95.1	N/A	99.0	728	21	9.7	32.3	43.3	--	--	14.6	N/A	20.9	-6.3
Title I	1,073	94.0	N/A	98.9	726	22	11.5	33.3	41.5	--	--	13.8	N/A	18.9	-5.1
Not Title I	78	90.7	N/A	97.2	725	23	12.8	37.2	37.2	--	--	12.8	N/A	21.7	-8.9
<b>ELA Grade 05</b>															
IEP	6,946	84.4	68.2	91.4	714	27	30.4	39.0	20.1	10.2	0.4	10.6	11.4	9.8	0.8
No IEP	50,414	93.8	75.3	96.8	750	31	5.2	16.6	28.0	44.8	5.4	50.2	52.0	53.4	-3.2
Title I	22,210	93.6	72.4	97.4	733	30	13.3	27.7	29.8	27.6	1.5	29.2	29.6	33.4	-4.2
Not Title I	35,150	91.9	75.7	95.4	753	32	5.0	14.0	25.3	48.8	6.8	55.7	58.3	58.2	-2.5
<b>ELA Grade 06</b>															
IEP	6,472	82.3	N/A	90.0	708	30	41.5	31.1	18.3	8.5	0.5	9.0	N/A	7.3	1.7
No IEP	49,484	89.9	N/A	95.2	746	32	7.6	16.9	28.1	39.2	8.3	47.5	N/A	47.8	-0.3
Title I	12,911	93.5	N/A	97.2	725	32	22.3	27.0	27.9	20.5	2.2	22.8	N/A	25.2	-2.4
Not Title I	43,045	87.7	N/A	94.0	747	33	8.3	16.0	26.7	40.2	9.0	49.1	N/A	48.8	0.3
<b>ELA Grade 07</b>															
IEP	6,041	78.5	59.5	88.5	704	28	48.8	30.0	14.3	6.0	0.9	6.9	6.7	8.1	-1.2
No IEP	49,222	85.6	64.2	92.9	745	36	11.0	17.6	25.4	32.3	13.7	46.0	47.0	50.8	-4.8
Title I	12,181	91.7	58.0	96.3	724	34	26.8	25.7	24.8	18.2	4.4	22.6	24.2	28.7	-6.1
Not Title I	43,082	83.0	65.1	91.5	746	37	11.8	17.0	24.0	32.6	14.5	47.2	46.9	51.1	-3.9
<b>ELA Grade 08</b>															
IEP	5,510	73.6	N/A	85.2	702	30	51.5	26.5	14.8	6.7	0.5	7.2	N/A	7.2	0.0
No IEP	47,215	79.2	N/A	89.1	747	39	12.6	16.0	23.2	36.4	11.8	48.2	N/A	51.2	-3.0
Title I	12,166	88.3	N/A	94.8	726	38	28.1	22.2	23.0	22.1	4.6	26.7	N/A	30.8	-4.1
Not Title I	40,559	76.0	N/A	87.2	747	40	13.2	15.5	22.1	36.6	12.5	49.1	N/A	51.3	-2.2

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**Colorado Measures of Academic Success (CMAS)  
2022 State Achievement Results  
English Language Arts/Literacy and Mathematics**

**Interpretation Considerations**

**COVID-19**  
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**Mathematics Results by Special Programs Status**

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>Mathematics Grade 03</b>															
IEP	6,649	85.1	N/A	91.2	706	37	48.6	22.1	15.5	11.8	2.0	13.8	N/A	13.2	0.6
No IEP	49,830	95.2	N/A	97.9	741	38	14.7	18.5	24.0	33.3	9.5	42.8	N/A	44.5	-1.7
Title I	21,970	94.5	N/A	97.9	721	37	29.9	24.9	22.3	19.8	3.2	23.0	N/A	26.7	-3.7
Not Title I	34,509	93.5	N/A	96.5	747	38	11.5	15.2	23.4	37.7	12.1	49.8	N/A	50.7	-0.9
<b>Mathematics Grade 04</b>															
IEP	6,730	84.6	69.4	92.0	705	28	47.9	29.6	14.4	7.7	0.3	8.1	8.2	8.3	-0.2
No IEP	50,151	94.6	76.7	97.5	735	32	14.0	23.3	28.9	31.0	2.7	33.7	31.3	36.9	-3.2
Title I	22,368	94.4	73.6	98.0	718	30	29.0	30.9	24.4	15.0	0.7	15.7	13.7	19.4	-3.7
Not Title I	34,513	92.6	77.1	96.1	741	32	10.9	19.6	29.0	36.9	3.6	40.4	37.9	43.2	-2.8
<b>Mathematics Grade 05</b>															
IEP	6,941	84.4	N/A	91.7	707	29	44.8	32.8	13.3	8.2	0.9	9.1	N/A	7.2	1.9
No IEP	50,479	93.9	N/A	97.1	739	34	12.2	23.1	26.1	30.8	7.7	38.5	N/A	39.4	-0.9
Title I	22,297	94.0	N/A	97.9	721	31	25.7	32.0	23.4	17.0	2.0	19.0	N/A	21.4	-2.4
Not Title I	35,123	91.8	N/A	95.5	745	35	10.1	19.4	25.4	35.1	10.0	45.1	N/A	45.1	0.0
<b>Mathematics Grade 06</b>															
IEP	6,423	81.7	63.5	90.2	699	26	55.7	28.7	10.8	4.4	0.4	4.8	3.8	4.5	0.3
No IEP	49,509	89.9	69.3	95.5	732	31	15.7	25.7	29.5	25.2	3.8	29.1	26.8	32.5	-3.4
Title I	12,882	93.3	63.3	97.5	712	28	35.6	32.8	21.6	9.4	0.6	10.0	10.7	13.8	-3.8
Not Title I	43,050	87.7	70.1	94.2	733	32	15.8	24.0	29.1	26.9	4.3	31.2	27.7	34.1	-2.9
<b>Mathematics Grade 07</b>															
IEP	5,998	77.9	N/A	88.7	707	21	33.4	50.6	12.4	3.3	0.3	3.6	N/A	5.0	-1.4
No IEP	49,283	85.7	N/A	93.1	733	27	9.4	30.6	32.4	24.8	2.8	27.7	N/A	34.6	-6.9
Title I	12,177	91.7	N/A	96.9	717	24	21.1	46.1	23.4	9.0	0.5	9.4	N/A	13.9	-4.5
Not Title I	43,104	83.0	N/A	91.6	734	28	9.5	28.9	32.1	26.3	3.2	29.5	N/A	36.2	-6.7
<b>Mathematics Grade 08</b>															
IEP	5,497	73.4	54.2	85.1	697	27	59.5	27.0	9.0	4.1	0.3	4.5	3.4	5.4	-0.9
No IEP	47,305	79.3	58.4	89.3	735	39	19.4	22.6	22.4	30.1	5.5	35.6	32.5	40.2	-4.6
Title I	12,207	88.6	53.7	95.2	711	33	39.6	29.4	17.5	12.3	1.1	13.5	11.6	18.8	-5.3
Not Title I	40,595	76.1	59.0	87.3	737	40	18.8	21.1	22.0	32.0	6.1	38.1	33.9	41.8	-3.7

— The value for this cell is not displayed in order to protect student privacy.

N/A = Not available



Colorado Measures of Academic Success (CMAS)  
2022 State Achievement Results  
English Language Arts/Literacy and Mathematics

Interpretation Considerations

**COVID-19**  
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 \*Representativeness: how well the demographics of the tested student population mirrored the demographics of the enrolled student population

English Language Arts Results by Language Proficiency

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>ELA Grade 03</b>															
<b>Grade 03 - English</b>															
English Learner (EL)	7,382	93.6	74.1	97.4	705	35	49.2	22.8	16.3	11.2	0.4	11.7	10.1	13.4	-1.7
EL: NEP (Not English Proficient)	1,956	87.0	71.6	91.8	681	25	79.9	13.7	5.0	--	--	1.5	1.0	2.1	-0.6
EL: LEP (Limited English Proficient)	5,426	96.2	74.8	99.0	713	35	38.1	26.1	20.4	--	--	15.3	12.2	16.6	-1.3
Not English Learner (Not EL)	47,696	93.7	76.5	96.8	742	43	18.0	15.6	21.2	39.7	5.6	45.2	43.5	46.0	-0.8
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	1,055	97.1	78.9	99.0	760	32	3.3	7.3	25.2	57.5	6.6	64.2	47.1	61.3	2.9
Not EL: PHLOTE, NA, Not Reported	46,641	93.6	76.4	96.8	742	43	18.3	15.8	21.1	39.3	5.5	44.8	43.4	45.6	-0.8
<b>Grade 03 - Spanish</b>															
English Learner (EL)	1,301	94.2	59.0	98.6	726	27	18.4	28.0	33.7	17.6	2.2	19.8	15.4	27.5	-7.7
EL: NEP (Not English Proficient)	558	91.5	62.7	97.2	717	26	27.6	32.8	27.8	11.1	0.7	11.8	7.6	14.6	-2.8
EL: LEP (Limited English Proficient)	743	96.4	57.3	99.6	732	26	11.6	24.4	38.2	22.5	3.4	25.8	19.5	36.6	-10.8
Not English Learner (Not EL)	< 16	--	N/A	N/A	--	--	--	--	--	--	--	--	N/A	N/A	--
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	< 16	--	N/A	N/A	--	--	--	--	--	--	--	--	N/A	N/A	--
<b>ELA Grade 04</b>															
<b>Grade 04 - English</b>															
English Learner (EL)	7,036	93.5	N/A	97.4	709	30	39.1	28.7	22.7	9.2	0.3	9.5	N/A	11.8	-2.3
EL: NEP (Not English Proficient)	1,466	86.1	N/A	91.7	685	24	76.9	16.0	5.5	--	--	1.6	N/A	2.1	-0.5
EL: LEP (Limited English Proficient)	5,570	95.6	N/A	98.9	716	28	29.2	32.0	27.2	--	--	11.6	N/A	14.1	-2.5
Not English Learner (Not EL)	48,705	93.2	N/A	96.6	745	35	11.6	13.7	25.5	40.8	8.3	49.1	N/A	53.5	-4.4
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	2,120	97.4	N/A	99.4	751	27	3.3	10.6	32.1	47.6	6.4	54.0	N/A	63.8	-9.8
Not EL: PHLOTE, NA, Not Reported	46,585	93.0	N/A	96.5	745	35	12.0	13.8	25.3	40.5	8.4	48.9	N/A	52.9	-4.0
<b>Grade 04 - Spanish</b>															
English Learner (EL)	1,151	93.7	N/A	98.8	726	22	11.6	33.5	41.2	12.5	1.2	13.7	N/A	19.1	-5.4
EL: NEP (Not English Proficient)	466	90.7	N/A	97.3	720	22	17.8	37.3	36.9	7.1	0.9	7.9	N/A	8.7	-0.8
EL: LEP (Limited English Proficient)	685	95.9	N/A	99.9	730	21	7.3	30.9	44.1	16.2	1.5	17.7	N/A	26.0	-8.3
Not English Learner (Not EL)	< 16	--	N/A	N/A	--	--	--	--	--	--	--	--	N/A	N/A	--
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	< 16	--	N/A	N/A	--	--	--	--	--	--	--	--	N/A	N/A	--
<b>ELA Grade 05</b>															
English Learner (EL)	6,913	91.6	69.7	96.2	716	24	24.7	40.9	25.7	8.7	0.1	8.8	6.6	9.5	-0.7
EL: NEP (Not English Proficient)	1,130	75.5	68.5	82.6	699	20	50.4	40.0	8.3	--	--	1.3	1.3	3.9	-2.6
EL: LEP (Limited English Proficient)	5,783	95.5	69.9	98.7	719	24	19.7	41.1	29.1	--	--	10.2	7.4	10.3	-0.1
Not English Learner (Not EL)	50,447	92.7	75.0	96.2	749	32	5.9	16.4	27.2	45.0	5.4	50.4	52.0	53.9	-3.5
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	3,919	96.3	75.7	99.1	748	26	2.9	14.9	35.7	44.1	2.5	46.6	40.5	56.7	-10.1
Not EL: PHLOTE, NA, Not Reported	46,528	92.4	74.9	95.9	749	32	6.2	16.5	26.5	45.1	5.7	50.8	53.1	53.6	-2.8
<b>ELA Grade 06</b>															
English Learner (EL)	5,305	88.2	N/A	95.1	706	26	39.6	36.6	19.3	4.4	0.1	4.5	N/A	5.6	-1.1
EL: NEP (Not English Proficient)	928	73.7	N/A	81.3	691	24	67.8	23.2	7.5	--	--	1.5	N/A	2.1	-0.6
EL: LEP (Limited English Proficient)	4,377	92.0	N/A	97.8	709	25	33.6	39.4	21.8	--	--	5.2	N/A	6.1	-0.9
Not English Learner (Not EL)	50,651	89.0	N/A	94.6	746	33	8.5	16.6	27.8	38.9	8.2	47.1	N/A	47.8	-0.7
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	5,667	94.1	N/A	98.2	739	28	7.4	21.9	36.2	30.8	3.6	34.5	N/A	42.6	-8.1
Not EL: PHLOTE, NA, Not Reported	44,984	88.4	N/A	94.2	746	33	8.7	16.0	26.7	39.9	8.7	48.7	N/A	48.5	0.2
<b>ELA Grade 07</b>															
English Learner (EL)	5,076	86.7	61.6	94.0	703	26	47.3	32.2	15.4	4.9	0.2	5.1	3.6	7.6	-2.5
EL: NEP (Not English Proficient)	1,052	76.6	59.7	83.3	689	21	75.4	19.2	4.3	--	--	1.1	0.5	3.3	-2.2
EL: LEP (Limited English Proficient)	4,024	89.8	62.0	96.8	707	26	39.9	35.6	18.3	--	--	6.1	4.1	8.5	-2.4
Not English Learner (Not EL)	50,187	84.6	63.9	92.3	745	36	11.8	17.6	25.1	31.9	13.5	45.5	46.3	50.8	-5.3
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	6,286	91.0	65.7	96.5	738	32	12.1	22.3	30.2	28.1	7.2	35.4	36.9	47.5	-12.1
Not EL: PHLOTE, NA, Not Reported	43,901	83.7	63.6	91.7	745	36	11.8	16.9	24.4	32.5	14.4	46.9	47.8	51.2	-4.3



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English Language Arts Results by Language Proficiency

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>ELA Grade 08</b>															
English Learner (EL)	4,982	83.9	N/A	92.6	702	28	49.6	27.7	17.2	5.2	0.2	5.5	N/A	5.9	-0.4
EL: NEP (Not English Proficient)	1,032	76.4	N/A	85.2	685	23	80.1	13.2	5.0	--	--	1.6	N/A	1.3	0.3
EL: LEP (Limited English Proficient)	3,950	86.1	N/A	94.7	707	28	41.6	31.5	20.4	--	--	6.5	N/A	7.0	-0.5
Not English Learner (Not EL)	47,743	78.0	N/A	88.4	747	40	13.2	16.0	22.9	36.2	11.7	48.0	N/A	51.2	-3.2
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	6,415	86.2	N/A	94.7	742	35	12.1	18.5	27.5	34.8	7.1	42.0	N/A	48.8	-6.8
Not EL: PHLOTE, NA, Not Reported	41,328	76.9	N/A	87.4	747	40	13.4	15.6	22.2	36.4	12.5	48.9	N/A	51.5	-2.6

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Mathematics Results by Language Proficiency

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>Mathematics Grade 03</b>															
English Learner (EL)	8,800	95.0	N/A	98.3	711	34	39.6	26.6	19.8	12.8	1.2	14.0	N/A	18.9	-4.9
EL: NEP (Not English Proficient)	2,619	91.8	N/A	96.7	691	30	64.4	21.4	10.3	--	--	3.8	N/A	6.4	-2.6
EL: LEP (Limited English Proficient)	6,181	96.4	N/A	98.9	719	32	29.1	28.8	--	--	--	18.2	N/A	23.2	-5.0
Not English Learner (Not EL)	47,679	93.7	N/A	96.8	742	38	14.8	17.5	23.6	34.0	10.0	44.1	N/A	45.5	-1.4
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	1,054	97.1	N/A	99.1	758	32	3.5	9.7	26.1	45.5	15.2	60.7	N/A	64.0	-3.3
Not EL: PHLOTE, NA, Not Reported	46,625	93.6	N/A	96.8	741	38	15.1	17.7	23.5	33.8	9.9	43.7	N/A	45.0	-1.3
<b>Mathematics Grade 04</b>															
English Learner (EL)	8,250	94.3	71.4	98.3	707	26	41.3	35.3	17.3	6.0	0.1	6.1	4.2	8.8	-2.7
EL: NEP (Not English Proficient)	2,005	90.6	71.4	96.1	694	22	64.4	27.1	6.8	--	--	1.7	1.2	3.6	-1.9
EL: LEP (Limited English Proficient)	6,245	95.6	71.5	98.9	711	26	33.9	38.0	20.7	--	--	7.5	4.9	10.2	-2.7
Not English Learner (Not EL)	48,631	93.1	76.4	96.6	736	32	14.1	22.1	28.9	32.1	2.8	34.9	32.2	37.9	-3.0
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	2,115	97.2	78.0	99.3	740	29	7.8	22.0	34.1	33.1	2.9	36.1	27.0	43.3	-7.2
Not EL: PHLOTE, NA, Not Reported	46,516	92.9	76.3	96.5	736	32	14.4	22.1	28.6	32.0	2.8	34.8	32.5	37.6	-2.8
<b>Mathematics Grade 05</b>															
English Learner (EL)	7,081	93.9	N/A	98.2	709	26	37.8	37.0	18.3	6.4	0.4	6.9	N/A	8.1	-1.2
EL: NEP (Not English Proficient)	1,325	88.9	N/A	95.0	698	23	55.0	34.6	7.6	--	--	2.7	N/A	3.7	-1.0
EL: LEP (Limited English Proficient)	5,756	95.1	N/A	98.8	711	26	33.9	37.6	20.7	--	--	7.8	N/A	8.9	-1.1
Not English Learner (Not EL)	50,339	92.5	N/A	96.2	739	35	13.1	22.5	25.5	31.1	7.8	38.9	N/A	39.6	-0.7
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	3,910	96.0	N/A	99.2	738	31	9.2	24.4	31.9	28.9	5.6	34.5	N/A	40.0	-5.5
Not EL: PHLOTE, NA, Not Reported	46,429	92.2	N/A	95.9	739	35	13.5	22.4	24.9	31.3	7.9	39.2	N/A	39.6	-0.4
<b>Mathematics Grade 06</b>															
English Learner (EL)	5,477	91.1	66.2	97.3	699	23	53.7	32.9	11.3	2.0	0.1	2.1	1.6	3.3	-1.2
EL: NEP (Not English Proficient)	1,111	88.6	69.1	95.5	691	22	69.1	23.3	6.6	--	--	1.0	0.7	2.5	-1.5
EL: LEP (Limited English Proficient)	4,366	91.8	65.8	97.6	701	23	49.8	35.3	12.5	--	--	2.4	1.7	3.4	-1.0
Not English Learner (Not EL)	50,455	88.7	68.8	94.6	731	32	16.7	25.3	29.1	25.1	3.8	28.9	26.3	32.5	-3.6
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	5,630	93.5	70.2	98.3	725	28	17.6	32.4	31.3	16.8	2.0	18.7	16.1	26.6	-7.9
Not EL: PHLOTE, NA, Not Reported	44,825	88.1	68.6	94.2	732	32	16.6	24.4	28.8	26.1	4.0	30.2	27.7	33.3	-3.1
<b>Mathematics Grade 07</b>															
English Learner (EL)	5,239	89.5	N/A	96.5	706	19	32.1	53.9	11.7	2.1	0.1	2.3	N/A	3.2	-0.9
EL: NEP (Not English Proficient)	1,219	89.1	N/A	95.6	701	19	41.8	50.9	6.3	--	--	0.9	N/A	2.2	-1.3
EL: LEP (Limited English Proficient)	4,020	89.7	N/A	96.8	708	19	29.2	54.8	13.4	--	--	2.7	N/A	3.5	-0.8
Not English Learner (Not EL)	50,042	84.3	N/A	92.3	733	27	9.9	30.5	32.1	24.6	2.8	27.4	N/A	34.8	-7.4
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	6,274	90.8	N/A	96.5	727	25	11.0	38.1	32.7	16.3	1.8	18.1	N/A	28.4	-10.3
Not EL: PHLOTE, NA, Not Reported	43,768	83.5	N/A	91.7	734	27	9.7	29.4	32.1	25.8	3.0	28.8	N/A	35.7	-6.9
<b>Mathematics Grade 08</b>															
English Learner (EL)	5,109	86.1	58.6	94.7	696	24	58.7	30.0	9.2	2.0	0.1	2.1	1.5	4.4	-2.3
EL: NEP (Not English Proficient)	1,169	86.8	61.2	94.7	690	22	69.5	24.0	5.1	--	--	1.3	0.8	2.1	-0.8
EL: LEP (Limited English Proficient)	3,940	85.8	58.0	94.7	698	24	55.4	31.8	10.4	--	--	2.4	1.7	5.1	-2.7
Not English Learner (Not EL)	47,693	77.9	57.9	88.3	735	40	19.8	57.3	22.2	30.1	5.5	35.6	32.1	40.3	-4.7
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	6,412	86.2	60.1	94.4	727	36	23.2	27.2	24.3	22.1	3.2	25.3	20.9	33.6	-8.3
Not EL: PHLOTE, NA, Not Reported	41,281	76.8	57.5	87.4	736	40	19.3	21.5	21.9	31.4	5.8	37.2	33.8	41.3	-4.1

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English Language Arts Results by Migrant Status

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>ELA Grade 03</b>															
<b>Grade 03 - English</b>															
Migrant	165	97.6	83.0	94.7	704	37	52.1	19.4	12.7	--	--	15.8	9.9	9.8	6.0
Not Migrant	54,913	93.7	76.2	96.9	737	44	22.0	16.6	20.6	--	--	40.8	39.3	41.4	-0.6
<b>Grade 03 - Spanish</b>															
Migrant	< 16	85.7	--	--	--	--	--	--	--	--	--	--	--	--	--
Not Migrant	1,295	94.3	59.0	98.6	726	27	--	--	--	--	--	--	--	--	--
<b>ELA Grade 04</b>															
<b>Grade 04 - English</b>															
Migrant	154	97.5	N/A	92.2	711	28	33.8	29.2	29.9	--	--	7.1	N/A	15.0	-7.9
Not Migrant	55,587	93.2	N/A	96.8	741	36	15.1	15.6	25.2	--	--	44.2	N/A	48.1	-3.9
<b>Grade 04 - Spanish</b>															
Migrant	< 16	50.0	N/A	--	--	--	--	--	--	--	--	--	N/A	--	--
Not Migrant	1,150	93.8	N/A	98.9	--	--	--	--	--	--	--	--	N/A	--	--
<b>ELA Grade 05</b>															
Migrant	170	97.1	83.0	91.8	717	28	28.2	31.8	25.9	--	--	14.1	11.2	15.4	-1.3
Not Migrant	57,190	92.5	74.4	96.2	745	33	8.1	19.3	27.1	--	--	45.5	47.3	48.5	-3.0
<b>ELA Grade 06</b>															
Migrant	161	94.7	N/A	91.4	719	30	25.5	29.8	29.8	--	--	14.9	N/A	13.4	1.5
Not Migrant	55,795	88.9	N/A	94.7	742	34	11.5	18.5	26.9	--	--	43.1	N/A	43.7	-0.6
<b>ELA Grade 07</b>															
Migrant	161	87.5	76.0	90.9	715	30	31.1	31.1	24.8	--	--	13.0	13.3	18.4	-5.4
Not Migrant	55,102	84.8	63.6	92.4	741	37	15.0	18.9	24.2	--	--	41.8	42.8	46.6	-4.8
<b>ELA Grade 08</b>															
Migrant	158	89.3	N/A	92.0	713	34	40.5	20.3	22.2	--	--	17.1	N/A	16.7	0.4
Not Migrant	52,567	78.5	N/A	88.7	742	41	16.6	17.1	22.3	--	--	44.0	N/A	47.0	-3.0

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Colorado Measures of Academic Success (CMAS)  
2022 State Achievement Results  
English Language Arts/Literacy and Mathematics

Interpretation Considerations

<p><b>COVID-19</b></p> <ul style="list-style-type: none"> <li>Students may have experienced ongoing reduced, disrupted and/or adjusted learning opportunities in school year 2021-2022</li> <li>Consider the pandemic's continued impact on learning opportunities for some students</li> </ul>	<p><b>Participation</b></p> <ul style="list-style-type: none"> <li>Interpretation challenges increase as participation rates and/or representativeness* decrease</li> <li>Some student groups may have tested at a higher rate than other groups</li> <li>Data will not support all cross-state comparisons and historical uses when participation rates are low and/or representativeness* is limited</li> <li>Cross-year comparisons should consider differences in participation rates and representativeness* across years</li> </ul> <p>*Representativeness: how well the demographics of the tested student population mirrored the demographics of the enrolled student population</p>
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Mathematics Results by Migrant Status

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>Mathematics Grade 03</b>															
Migrant	172	97.7	N/A	97.1	709	38	43.6	23.3	15.7	--	--	17.4	N/A	14.5	2.9
Not Migrant	56,307	93.9	N/A	97.1	737	39	18.6	18.9	23.0	--	--	39.4	N/A	41.1	-1.7
<b>Mathematics Grade 04</b>															
Migrant	153	96.2	86.4	95.9	711	23	30.7	41.8	22.2	--	--	5.2	7.1	9.1	-3.9
Not Migrant	56,728	93.3	75.7	96.9	732	33	18.0	24.0	27.2	--	--	30.8	28.6	33.7	-2.9
<b>Mathematics Grade 05</b>															
Migrant	171	97.7	N/A	95.9	715	27	24.6	45.0	19.9	--	--	10.5	N/A	10.0	0.5
Not Migrant	57,249	92.6	N/A	96.4	736	35	16.2	24.2	24.6	--	--	35.0	N/A	35.8	-0.8
<b>Mathematics Grade 06</b>															
Migrant	161	94.7	81.1	94.6	709	25	32.9	40.4	21.1	--	--	5.6	3.2	6.2	-0.6
Not Migrant	55,771	88.9	68.5	94.9	728	33	20.3	26.0	27.4	--	--	26.3	24.2	29.6	-3.3
<b>Mathematics Grade 07</b>															
Migrant	163	88.6	N/A	91.9	714	21	23.3	49.7	22.1	--	--	4.9	N/A	9.9	-5.0
Not Migrant	55,118	84.8	N/A	92.7	730	28	12.0	32.7	30.2	--	--	25.1	N/A	31.7	-6.6
<b>Mathematics Grade 08</b>															
Migrant	158	89.3	72.8	94.3	702	30	48.7	29.1	14.6	--	--	7.6	7.3	9.0	-1.4
Not Migrant	52,644	78.6	57.9	88.8	731	40	23.5	23.0	21.0	--	--	32.5	29.6	37.0	-4.5

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**Colorado Measures of Academic Success (CMAS)  
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English Language Arts/Literacy and Mathematics**

**Interpretation Considerations**

<p><b>COVID-19</b></p> <ul style="list-style-type: none"> <li>• Students may have experienced ongoing reduced, disrupted and/or adjusted learning opportunities in school year 2021-2022</li> <li>• Consider the pandemic's continued impact on learning opportunities for some students</li> </ul>	<p><b>Participation</b></p> <ul style="list-style-type: none"> <li>• Interpretation challenges increase as participation rates and/or representativeness* decrease</li> <li>• Some student groups may have tested at a higher rate than other groups</li> <li>• Data will not support all cross-state comparisons and historical uses when participation rates are low and/or representativeness* is limited</li> <li>• Cross-year comparisons should consider differences in participation rates and representativeness* across years</li> </ul> <p>*Representativeness: how well the demographics of the tested student population mirrored the demographics of the enrolled student population</p>
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**English Language Arts Results by Gifted and Talented Status**

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>ELA Grade 03</b>															
<b>Grade 03 - English</b>															
Gifted and Talented	2,856	96.9	80.3	98.8	790	35	1.5	2.6	7.2	60.3	28.3	88.6	87.6	90.0	-1.4
Not Gifted and Talented	52,222	93.5	75.9	96.8	734	43	23.3	17.3	21.3	34.5	3.6	38.1	35.8	37.7	0.4
<b>Grade 03 - Spanish</b>															
Gifted and Talented	< 16	100.0	75.0	--	--	--	--	--	--	--	--	--	50.0	--	--
Not Gifted and Talented	1,286	94.1	58.8	98.6	725	27	--	--	--	--	--	--	14.7	--	--
<b>ELA Grade 04</b>															
<b>Grade 04 - English</b>															
Gifted and Talented	3,883	96.2	N/A	98.3	781	26	0.7	1.1	7.4	56.0	34.7	90.8	N/A	93.3	-2.5
Not Gifted and Talented	51,858	93.0	N/A	96.6	737	35	16.2	16.7	26.5	35.4	5.2	40.6	N/A	44.0	-3.4
<b>Grade 04 - Spanish</b>															
Gifted and Talented	24	96.0	N/A	100.0	746	18	--	--	--	--	--	--	N/A	--	--
Not Gifted and Talented	1,127	93.7	N/A	98.8	726	22	--	--	--	--	--	--	N/A	--	--
<b>ELA Grade 05</b>															
Gifted and Talented	4,733	96.1	77.9	98.1	783	25	0.3	1.5	7.2	65.7	25.3	91.0	91.7	94.4	-3.4
Not Gifted and Talented	52,627	92.2	74.0	96.0	742	31	8.9	20.9	28.8	38.4	2.9	41.3	42.2	43.2	-1.9
<b>ELA Grade 06</b>															
Gifted and Talented	5,401	92.9	N/A	96.8	778	26	0.6	2.0	8.9	55.8	32.7	88.6	N/A	90.4	-1.8
Not Gifted and Talented	50,555	88.5	N/A	94.4	738	33	12.7	20.3	28.9	33.5	4.7	38.2	N/A	37.8	0.4
<b>ELA Grade 07</b>															
Gifted and Talented	5,799	90.4	68.2	95.0	784	28	0.7	2.0	8.5	38.5	50.4	88.8	89.7	91.6	-2.8
Not Gifted and Talented	49,464	84.2	63.1	92.1	736	35	16.8	20.9	26.0	28.4	7.8	36.2	36.2	41.0	-4.8
<b>ELA Grade 08</b>															
Gifted and Talented	6,371	84.2	N/A	92.1	786	33	1.2	2.5	8.9	45.5	41.9	87.4	N/A	88.9	-1.5
Not Gifted and Talented	46,354	77.8	N/A	88.3	736	38	18.8	19.1	24.2	31.6	6.4	38.0	N/A	41.0	-3.0

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**Participation**

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**Mathematics Results by Gifted and Talented Status**

Report Category	Participation Information				Score Information		Performance Level Information					Percent Met or Exceeded Expectations			
	Number of Valid Scores	Participation Rate	Participation Rate 2021	Participation Rate 2019	Mean Scale Score	Standard Deviation	Percent Did Not Yet Meet Expectations	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2022	2021	2019	Change 2019 to 2022
<b>Mathematics Grade 03</b>															
Gifted and Talented	2,867	96.8	N/A	98.9	786	29	0.7	1.9	7.2	44.8	45.5	90.3	N/A	93.0	-2.7
Not Gifted and Talented	53,612	93.7	N/A	96.9	734	38	19.6	19.9	23.8	30.0	6.7	36.6	N/A	37.3	-0.7
<b>Mathematics Grade 04</b>															
Gifted and Talented	3,912	96.3	81.3	98.3	774	27	0.6	3.0	12.7	64.7	19.0	83.7	85.3	91.1	-7.4
Not Gifted and Talented	52,969	93.0	75.3	96.7	729	31	19.3	25.6	28.3	25.6	1.2	26.8	23.6	28.5	-1.7
<b>Mathematics Grade 05</b>															
Gifted and Talented	4,733	96.1	N/A	98.2	781	27	0.5	3.0	8.6	48.6	39.3	87.9	N/A	90.7	-2.8
Not Gifted and Talented	52,687	92.4	N/A	96.2	731	33	17.6	26.2	26.0	26.2	4.0	30.2	N/A	29.4	0.8
<b>Mathematics Grade 06</b>															
Gifted and Talented	5,398	92.8	74.2	96.8	769	26	0.7	3.5	15.8	58.2	21.8	80.0	81.0	86.9	-6.9
Not Gifted and Talented	50,534	88.5	67.9	94.7	724	30	22.4	28.4	28.6	19.1	1.5	20.5	17.1	22.5	-2.0
<b>Mathematics Grade 07</b>															
Gifted and Talented	5,808	90.5	N/A	95.0	766	22	0.4	3.5	16.6	62.8	16.7	79.5	N/A	88.4	-8.9
Not Gifted and Talented	49,473	84.2	N/A	92.4	726	25	13.4	36.2	31.8	17.8	0.9	18.7	N/A	24.6	-5.9
<b>Mathematics Grade 08</b>															
Gifted and Talented	6,367	84.1	63.3	91.9	782	32	1.1	3.6	10.1	57.5	27.7	85.3	85.0	86.7	-1.4
Not Gifted and Talented	46,435	78.0	57.2	88.4	724	36	26.7	25.7	22.5	23.3	1.8	25.1	21.8	29.9	-4.8

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