



## Colorado Alternate Assessment Program (CoAlt) 2024 State Achievement Results Science

Based on the 2020 Colorado Academic Standards

### Interpretation Considerations

- Interpretation of school, district, and state results should be made with caution when participation rates are low and/or representativeness\* is limited.
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\*Representativeness: how well the demographics of the tested student population mirrored the demographics of the enrolled student population

### Overall Results

Report Category	Number of Valid Scores	Performance Level Information				Percent At Target or Advanced		
		Percent Emerging	Percent Approaching Target	Percent At Target	Percent Advanced	2024	2023	Change 2024-2023
<b>Science Overall</b>								
Grade 05	457	30.6	30.9	19.5	19.0	38.5	35.2	3.3
Grade 08	472	37.3	29.4	24.8	8.5	33.3	32.5	0.8
Grade 11	421	35.2	30.2	22.8	11.9	34.7	33.0	1.7

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### Science Results by Gender

Report Category	Number of Valid Scores	Performance Level Information				Percent At Target or Advanced		
		Percent Emerging	Percent Approaching Target	Percent At Target	Percent Advanced	2024	2023	Change 2024-2023
<b>Science Grade 05</b>								
Male	279	31.9	27.6	18.3	22.2	40.5	39.7	0.8
Female	178	28.7	36.0	21.3	14.0	35.4	27.9	7.5
<b>Science Grade 08</b>								
Male	315	37.8	30.2	22.2	9.8	32.1	33.9	-1.8
Female	157	36.3	28.0	29.9	5.7	35.7	30.4	5.3
<b>Science Grade 11</b>								
Male	250	38.4	27.2	21.2	13.2	34.4	33.2	1.2
Female	171	30.4	34.5	25.1	9.9	35.1	32.8	2.3

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### Science Results by Race/Ethnicity

Report Category	Number of Valid Scores	Performance Level Information				Percent At Target or Advanced		
		Percent Emerging	Percent Approaching	Percent At Target	Percent Advanced	2024	2023	Change 2024-2023
<b>Science Grade 05</b>								
American Indian or Alaska Native	< 16	--	--	--	--	--	--	--
Asian	< 16	--	--	--	--	--	23.5	--
Black	35	37.1	22.9	20.0	20.0	40.0	22.9	17.1
Hispanic	200	28.5	32.5	21.0	18.0	39.0	33.1	5.9
White	177	29.4	30.5	19.8	20.3	40.1	40.9	-0.8
Hawaiian/Pacific Islander	< 16	--	--	--	--	--	--	--
Two or More Races	27	48.1	22.2	--	--	29.6	33.3	-3.7
Not Reported	< 16	--	--	--	--	--	--	--
<b>Science Grade 08</b>								
American Indian or Alaska Native	< 16	--	--	--	--	--	--	--
Asian	22	--	--	--	--	--	--	--
Black	37	48.6	16.2	21.6	13.5	35.1	39.5	-4.4
Hispanic	200	37.5	33.5	22.5	6.5	29.0	30.4	-1.4
White	182	35.7	28.6	25.8	9.9	35.7	33.7	2.0
Hawaiian/Pacific Islander	< 16	--	--	--	--	--	--	--
Two or More Races	27	33.3	18.5	--	--	48.1	33.3	14.8
<b>Science Grade 11</b>								
American Indian or Alaska Native	< 16	--	--	--	--	--	--	--
Asian	< 16	--	--	--	--	--	--	--
Black	31	45.2	38.7	--	--	16.1	24.2	-8.1
Hispanic	190	38.9	31.6	--	--	29.5	34.2	-4.7
White	167	28.1	27.5	26.9	17.4	44.3	30.4	13.9
Hawaiian/Pacific Islander	< 16	--	--	--	--	--	--	--
Two or More Races	18	44.4	27.8	--	--	27.8	48.0	-20.2

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### Science Results by Free/Reduced Lunch Status

Report Category	Number of Valid Scores	Performance Level Information				Percent At Target or Advanced		
		Percent Emerging	Percent Approaching Target	Percent At Target	Percent Advanced	2024	2023	Change 2024-2023
<b>Science Grade 05</b>								
Free/Reduced Lunch Eligible	304	30.9	25.3	21.7	22.0	43.8	35.8	8.0
Not Free/Reduced Lunch Eligible	153	30.1	41.8	15.0	13.1	28.1	34.4	-6.3
<b>Science Grade 08</b>								
Free/Reduced Lunch Eligible	286	37.1	29.4	23.1	10.5	33.6	35.0	-1.4
Not Free/Reduced Lunch Eligible	186	37.6	29.6	27.4	5.4	32.8	29.3	3.5
<b>Science Grade 11</b>								
Free/Reduced Lunch Eligible	260	34.2	30.8	21.5	13.5	35.0	39.1	-4.1
Not Free/Reduced Lunch Eligible	161	36.6	29.2	24.8	9.3	34.2	25.6	8.6

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Note: Free and Reduced Lunch data collection and reporting were less precise for spring 2024 assessments than historically. These data should be used with caution.



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### Science Results by Special Programs Status

Report Category	Number of Valid Scores	Performance Level Information				Percent At Target or Advanced		
		Percent Emerging	Percent Approaching Target	Percent At Target	Percent Advanced	2024	2023	Change 2024-2023
<b>Science Grade 05</b>								
Title I	239	25.9	28.5	21.3	24.3	45.6	29.7	15.9
Not Title I	218	35.8	33.5	17.4	13.3	30.7	42.0	-11.3
<b>Science Grade 08</b>								
Title I	194	34.5	29.9	26.3	9.3	35.6	31.6	4.0
Not Title I	278	39.2	29.1	23.7	7.9	31.7	32.9	-1.2
<b>Science Grade 11</b>								
Title I	83	34.9	33.7	16.9	14.5	31.3	46.8	-15.5
Not Title I	338	35.2	29.3	24.3	11.2	35.5	29.7	5.8

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### Science Results by Language Proficiency

Report Category	Number of Valid Scores	Performance Level Information				Percent At Target or Advanced		
		Percent Emerging	Percent Approaching Target	Percent At Target	Percent Advanced	2024	2023	Change 2024-2023
<b>Science Grade 05</b>								
English Language Proficiency: (NEP/LEP)	75	38.7	36.0	18.7	6.7	25.3	21.2	4.1
NEP (Not English Proficient)	66	--	--	--	--	--	--	--
LEP (Limited English Proficient)	< 16	--	--	--	--	--	--	--
English Language Proficiency: (Not NEP/LEP)	382	29.1	29.8	19.6	21.5	41.1	38.1	3.0
FEP (Fluent English Proficient), FELL (Former English Language Learner)	26	19.2	42.3	15.4	23.1	38.5	45.0	-6.5
PHLOTE, NA, Not Reported	356	29.8	28.9	19.9	21.3	41.3	37.7	3.6
<b>Science Grade 08</b>								
English Language Proficiency: (NEP/LEP)	61	54.1	26.2	--	--	19.7	20.4	-0.7
NEP (Not English Proficient)	46	--	--	--	--	--	--	--
LEP (Limited English Proficient)	< 16	--	--	--	--	--	--	--
English Language Proficiency: (Not NEP/LEP)	411	34.8	29.9	--	--	35.3	34.1	1.2
FEP (Fluent English Proficient), FELL (Former English Language Learner)	56	26.8	44.6	19.6	8.9	28.6	34.0	-5.4
PHLOTE, NA, Not Reported	355	36.1	27.6	--	--	36.3	34.2	2.1



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		Percent Emerging	Percent Approaching Target	Percent At Target	Percent Advanced	2024	2023	Change 2024-2023
<b>Science Grade 11</b>								
English Language Proficiency: (NEP/LEP)	37	54.1	29.7	8.1	8.1	16.2	23.8	-7.6
NEP (Not English Proficient)	33	--	--	--	--	--	--	--
LEP (Limited English Proficient)	< 16	--	--	--	--	--	--	--
English Language Proficiency: (Not NEP/LEP)	384	33.3	30.2	24.2	12.2	36.5	34.1	2.4
FEP (Fluent English Proficient), FELL (Former English Language Learner)	64	46.9	31.3	--	--	21.9	32.8	-10.9
PHLOTE, NA, Not Reported	320	30.6	30.0	--	--	39.4	34.3	5.1

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### Science Results by Migrant Status

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<b>Science Grade 05</b>								
Migrant	< 16	--	--	--	--	--	--	--
Not Migrant	456	--	--	--	--	--	--	--
<b>Science Grade 08</b>								
Migrant	< 16	--	--	--	--	--	--	--
Not Migrant	472	37.3	29.4	24.8	8.5	33.3	32.5	0.8
<b>Science Grade 11</b>								
Migrant	< 16	--	--	--	--	--	--	--
Not Migrant	417	--	--	--	--	--	--	--

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