



Colorado Alternate Assessment Program (CoAlt) 2023 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.
- Cross-state comparisons should consider differences in participation rates and representativeness* across schools, districts, and student groups.
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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 Emerging	Percent Approaching Target	Percent At Target	Percent Advanced	Percent At Target or Advanced
Science Overall						
Grade 05	386	33.4	31.3	20.7	14.5	35.2
Grade 08	464	38.8	28.7	23.7	8.8	32.5
Grade 11	400	35.0	32.0	21.8	11.3	33.0

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Science Results by Gender

Report Category	Number of Valid Scores	Performance Level Information				
		Percent Emerging	Percent Approaching Target	Percent At Target	Percent Advanced	Percent At Target or Advanced
Science Grade 05						
Male	239	34.3	25.9	20.5	19.2	39.7
Female	147	32.0	40.1	21.1	6.8	27.9
Science Grade 08						
Male	283	37.5	28.6	25.1	8.8	33.9
Female	181	40.9	28.7	21.5	8.8	30.4
Science Grade 11						
Male	226	35.8	31.0	19.9	13.3	33.2
Female	174	33.9	33.3	24.1	8.6	32.8

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COLORADO

Department of Education

August 2023

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Science Results by Race/Ethnicity

Report Category	Number of Valid Scores	Performance Level Information				
		Percent Emerging	Percent Approaching Target	Percent At Target	Percent Advanced	Percent At Target or Advanced
Science Grade 05						
American Indian or Alaska	< 16	--	--	--	--	--
Asian	17	--	--	--	--	23.5
Black	35	37.1	40.0	--	--	22.9
Hispanic	163	35.0	31.9	21.5	11.7	33.1
White	149	30.2	28.9	22.1	18.8	40.9
Hawaiian/Pacific Islander	< 16	--	--	--	--	--
Two or More Races	18	22.2	44.4	--	--	33.3
Science Grade 08						
American Indian or Alaska	< 16	--	--	--	--	--
Asian	18	33.3	--	--	--	--
Black	38	44.7	15.8	--	--	39.5
Hispanic	207	39.6	30.0	22.7	7.7	30.4
White	178	36.5	29.8	21.9	11.8	33.7
Hawaiian/Pacific Islander	< 16	--	--	--	--	--
Two or More Races	18	--	--	--	--	33.3
Science Grade 11						
American Indian or Alaska	< 16	--	--	--	--	--
Asian	< 16	--	--	--	--	--
Black	33	39.4	36.4	--	--	24.2
Hispanic	190	39.5	26.3	23.2	11.1	34.2
White	138	27.5	42.0	19.6	10.9	30.4
Hawaiian/Pacific Islander	< 16	--	--	--	--	--
Two or More Races	25	40.0	12.0	28.0	20.0	48.0

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Science Results by Free/Reduced Lunch Status

Report Category	Number of Valid Scores	Performance Level Information				
		Percent Emerging	Percent Approaching Target	Percent At Target	Percent Advanced	Percent At Target or Advanced
Science Grade 05						
Free/Reduced Lunch Eligible	229	33.2	31.0	20.5	15.3	35.8
Not Free/Reduced Lunch Eligible	157	33.8	31.8	21.0	13.4	34.4
Science Grade 08						
Free/Reduced Lunch Eligible	266	36.8	28.2	25.2	9.8	35.0
Not Free/Reduced Lunch Eligible	198	41.4	29.3	21.7	7.6	29.3
Science Grade 11						
Free/Reduced Lunch Eligible	220	32.3	28.6	24.1	15.0	39.1
Not Free/Reduced Lunch Eligible	180	38.3	36.1	18.9	6.7	25.6

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Note: Free and Reduced Lunch data collection and reporting were less precise for spring 2021 and 2022 assessments due to free meals for all students initiatives. These prior years' 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 Emerging	Percent Approaching Target	Percent At Target	Percent Advanced	Percent At Target or Advanced
Science Grade 05						
Title I	212	36.3	34.0	17.9	11.8	29.7
Not Title I	174	29.9	28.2	24.1	17.8	42.0
Science Grade 08						
Title I	133	41.4	27.1	24.1	7.5	31.6
Not Title I	331	37.8	29.3	23.6	9.4	32.9
Science Grade 11						
Title I	77	26.0	27.3	32.5	14.3	46.8
Not Title I	323	37.2	33.1	19.2	10.5	29.7

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Science Results by Language Proficiency

Report Category	Number of Valid Scores	Performance Level Information				
		Percent Emerging	Percent Approaching Target	Percent At Target	Percent Advanced	Percent At Target or Advanced
Science Grade 05						
English Language Proficiency: (NEP/LEP)	66	43.9	34.8	13.6	7.6	21.2
NEP (Not English Proficient)	61	--	--	--	--	--
LEP (Limited English Proficient)	< 16	--	--	--	--	--
English Language Proficiency: (Not NEP/LEP)	320	31.3	30.6	22.2	15.9	38.1
FEP (Fluent English Proficient), FELL (Former English Language Learner)	20	20.0	35.0	25.0	20.0	45.0
PHLOTE, NA, Not Reported	300	32.0	30.3	22.0	15.7	37.7
Science Grade 08						
English Language Proficiency: (NEP/LEP)	54	53.7	25.9	--	--	20.4
NEP (Not English Proficient)	45	--	--	--	--	--
LEP (Limited English Proficient)	< 16	--	--	--	--	--
English Language Proficiency: (Not NEP/LEP)	410	36.8	29.0	--	--	34.1
FEP (Fluent English Proficient), FELL (Former English Language Learner)	53	32.1	34.0	28.3	5.7	34.0
PHLOTE, NA, Not Reported	357	37.5	28.3	--	--	34.2
Science Grade 11						
English Language Proficiency: (NEP/LEP)	42	52.4	23.8	--	--	23.8
NEP (Not English Proficient)	37	--	--	--	--	--
LEP (Limited English Proficient)	< 16	--	--	--	--	--
English Language Proficiency: (Not NEP/LEP)	358	33.0	33.0	--	--	34.1
FEP (Fluent English Proficient), FELL (Former English Language Learner)	58	34.5	32.8	27.6	5.2	32.8
PHLOTE, NA, Not Reported	300	32.7	33.0	--	--	34.3

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Science Results by Migrant Status

Report Category	Number of Valid Scores	Performance Level Information				
		Percent Emerging	Percent Approaching Target	Percent At Target	Percent Advanced	Percent At Target or Advanced
Science Grade 05						
Migrant	< 16	--	--	--	--	--
Not Migrant	385	--	--	--	--	--
Science Grade 08						
Migrant	< 16	--	--	--	--	--
Not Migrant	464	38.8	28.7	23.7	8.8	32.5
Science Grade 11						
Migrant	< 16	--	--	--	--	--
Not Migrant	399	--	--	--	--	--

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