



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.
- Cross-state comparisons should consider differences in participation rates and representativeness* across schools, districts, and student groups.
- Cross-year comparisons should consider differences in participation rates and representativeness* across years.
- For the second year, Spring 2024 CoAlt science assessments were aligned to the 2020 Colorado Academic Standards. CoAlt science assessments prior to Spring 2023 were based on different academic standards and results prior to 2023 cannot be compared.

*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
Science Overall								
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

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



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.
- Cross-state comparisons should consider differences in participation rates and representativeness* across schools, districts, and student groups.
- Cross-year comparisons should consider differences in participation rates and representativeness* across years.
- For the second year, Spring 2024 CoAlt science assessments were aligned to the 2020 Colorado Academic Standards. CoAlt science assessments prior to Spring 2023 were based on different academic standards and results prior to 2023 cannot be compared.

*Representativeness: how well the demographics of the tested student population mirrored the demographics of the enrolled student population

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
Science Grade 05								
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
Science Grade 08								
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
Science Grade 11								
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

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



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.
- Cross-state comparisons should consider differences in participation rates and representativeness* across schools, districts, and student groups.
- Cross-year comparisons should consider differences in participation rates and representativeness* across years.
- For the second year, Spring 2024 CoAlt science assessments were aligned to the 2020 Colorado Academic Standards. CoAlt science assessments prior to Spring 2023 were based on different academic standards and results prior to 2023 cannot be compared.

*Representativeness: how well the demographics of the tested student population mirrored the demographics of the enrolled student population

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
Science Grade 05								
American Indian or Alaska Native	< 16	--	--	--	--	--	--	--
Asian	< 6	--	--	--	--	--	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	< 6	--	--	--	--	--	--	--
Two or More Races	27	48.1	22.2	--	--	29.6	33.3	-3.7
Not Reported	< 6	--	--	--	--	--	--	--
Science Grade 08								
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	< 6	--	--	--	--	--	--	--
Two or More Races	27	33.3	18.5	--	--	48.1	33.3	14.8
Science Grade 11								
American Indian or Alaska Native	< 16	--	--	--	--	--	--	--
Asian	< 6	--	--	--	--	--	--	--
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	< 6	--	--	--	--	--	--	--
Two or More Races	18	44.4	27.8	--	--	27.8	48.0	-20.2

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



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.
- Cross-state comparisons should consider differences in participation rates and representativeness* across schools, districts, and student groups.
- Cross-year comparisons should consider differences in participation rates and representativeness* across years.
- For the second year, Spring 2024 CoAlt science assessments were aligned to the 2020 Colorado Academic Standards. CoAlt science assessments prior to Spring 2023 were based on different academic standards and results prior to 2023 cannot be compared.

*Representativeness: how well the demographics of the tested student population mirrored the demographics of the enrolled student population

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
Science Grade 05								
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
Science Grade 08								
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
Science Grade 11								
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

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

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.



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.
- Cross-state comparisons should consider differences in participation rates and representativeness* across schools, districts, and student groups.
- Cross-year comparisons should consider differences in participation rates and representativeness* across years.
- For the second year, Spring 2024 CoAlt science assessments were aligned to the 2020 Colorado Academic Standards. CoAlt science assessments prior to Spring 2023 were based on different academic standards and results prior to 2023 cannot be compared.

*Representativeness: how well the demographics of the tested student population mirrored the demographics of the enrolled student population

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
Science Grade 05								
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
Science Grade 08								
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
Science Grade 11								
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

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



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.
- Cross-state comparisons should consider differences in participation rates and representativeness* across schools, districts, and student groups.
- Cross-year comparisons should consider differences in participation rates and representativeness* across years.
- For the second year, Spring 2024 CoAlt science assessments were aligned to the 2020 Colorado Academic Standards. CoAlt science assessments prior to Spring 2023 were based on different academic standards and results prior to 2023 cannot be compared.

*Representativeness: how well the demographics of the tested student population mirrored the demographics of the enrolled student population

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
Science Grade 05								
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
Science Grade 08								
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



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.
- Cross-state comparisons should consider differences in participation rates and representativeness* across schools, districts, and student groups.
- Cross-year comparisons should consider differences in participation rates and representativeness* across years.
- For the second year, Spring 2024 CoAlt science assessments were aligned to the 2020 Colorado Academic Standards. CoAlt science assessments prior to Spring 2023 were based on different academic standards and results prior to 2023 cannot be compared.

*Representativeness: how well the demographics of the tested student population mirrored the demographics of the enrolled student population

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
Science Grade 11								
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

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



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.
- Cross-state comparisons should consider differences in participation rates and representativeness* across schools, districts, and student groups.
- Cross-year comparisons should consider differences in participation rates and representativeness* across years.
- For the second year, Spring 2024 CoAlt science assessments were aligned to the 2020 Colorado Academic Standards. CoAlt science assessments prior to Spring 2023 were based on different academic standards and results prior to 2023 cannot be compared.

*Representativeness: how well the demographics of the tested student population mirrored the demographics of the enrolled student population

Science Results by Migrant 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
Science Grade 05								
Migrant	< 6	-	-	-	-	-	-	-
Not Migrant	456	-	-	-	-	-	-	-
Science Grade 08								
Migrant	< 6	-	-	-	-	-	-	-
Not Migrant	472	37.3	29.4	24.8	8.5	33.3	32.5	0.8
Science Grade 11								
Migrant	< 6	-	-	-	-	-	-	-
Not Migrant	417	-	-	-	-	-	-	-

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