



2019 CMAS State Achievement Results Science and Social Studies

Overall Results

Overall Results											
Report Category	Participation Information		Score Information								
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations		
									2019	2018	Change
Science Overall											
Grade 05	65,689	96.1	600	111	28.6	35.4	31.8	4.1	35.9	35.5	0.4
Grade 08	58,390	88.1	580	127	38.7	29.9	28.2	3.3	31.5	31.2	0.3
HS	38,237	61.0	576	114	35.1	44.3	18.6	2.1	20.7	24.1	-3.4
Social Studies Overall											
Grade 04	21,069	96.1	617	114	25.7	50.4	20.1	3.9	23.9	22.4	1.5
Grade 07	19,185	90.5	590	120	45.2	36.9	14.3	3.6	17.9	15.7	2.2



2019 CMAS State Achievement Results Science and Social Studies

Science Results by Gender

Science Results by Gender											
Report Category	Participation Information		Score Information								
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations		
									2019	2018	Change
Science Grade 05											
Male	33,781	95.8	598	113	29.2	34.6	32.3	3.9	36.2	35.8	0.4
Female	31,908	96.4	602	109	28.0	36.3	31.3	4.4	35.7	35.2	0.5
Science Grade 08											
Male	30,204	89.1	572	132	41.6	28.2	27.0	3.3	30.3	29.8	0.5
Female	28,186	87.1	590	120	35.6	31.7	29.4	3.4	32.8	32.7	0.1
Science HS											
Male	20,136	63.2	574	121	36.3	42.0	19.3	2.5	21.8	25.3	-3.5
Female	18,101	58.7	579	107	33.7	46.8	17.9	1.6	19.5	22.8	-3.3



2019 CMAS State Achievement Results Science and Social Studies

Social Studies Results by Gender

Report Category	Participation Information		Score Information		Performance Expectations						
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations		
									2019	2018	Change
Social Studies Grade 04											
Male	10,851	95.9	614	119	26.8	49.0	19.9	4.3	24.2	22.5	1.7
Female	10,218	96.3	620	107	24.5	51.9	20.2	3.4	23.6	22.3	1.3
Social Studies Grade 07											
Male	9,964	91.2	580	127	48.0	35.1	13.5	3.4	16.9	15.1	1.8
Female	9,221	89.8	602	112	42.1	38.9	15.2	3.8	19.0	16.4	2.6



2019 CMAS State Achievement Results Science and Social Studies

Science Results by Race/Ethnicity

Report Category	Participation Information		Score Information		Percent Met or Exceeded Expectations						
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations		
									2019	2018	Change
Science Grade 05											
American Indian or Alaska Native	431	94.1	544	118	48.5	31.1	19.0	1.4	20.4	21.8	-1.4
Asian	2,031	97.9	633	112	18.9	31.9	41.5	7.8	49.3	51.0	-1.7
Black	2,980	96.7	537	111	50.7	33.7	14.9	0.7	15.7	14.9	0.8
Hispanic	23,150	97.3	549	107	46.1	35.8	17.0	1.1	18.1	17.0	1.1
White	33,858	95.2	638	97	15.7	35.6	42.5	6.2	48.7	48.6	0.1
Hawaiian/Pacific Islander	181	96.8	566	121	40.3	35.4	--	--	24.3	22.6	1.7
Two or More Races	3,055	95.9	624	102	20.8	35.6	38.4	5.2	43.5	40.3	3.2
Not Reported	< 16	--	--	--	--	--	--	--	--	--	--
Science Grade 08											
American Indian or Alaska Native	411	87.4	537	117	53.8	30.4	--	--	15.8	15.7	0.1
Asian	1,991	92.0	640	119	21.3	27.6	42.1	8.9	51.1	49.4	1.7
Black	2,585	88.0	511	124	60.3	26.7	--	--	13.0	13.3	-0.3
Hispanic	20,724	90.9	521	119	58.6	27.5	13.3	0.7	13.9	14.3	-0.4
White	30,100	86.2	622	113	24.6	31.8	38.6	4.9	43.6	42.7	0.9
Hawaiian/Pacific Islander	162	90.0	538	119	52.5	30.2	--	--	17.3	20.9	-3.6
Two or More Races	2,409	87.5	606	122	30.1	31.1	34.2	4.6	38.8	35.8	3.0
Not Reported	< 16	--	--	--	--	--	--	--	--	--	--
Science HS											
American Indian or Alaska Native	282	67.5	547	101	43.6	49.3	--	--	7.1	14.2	-7.1
Asian	1,292	55.6	604	116	25.6	44.4	26.5	3.4	30.0	34.5	-4.5
Black	1,889	66.0	516	113	55.9	36.8	--	--	7.3	8.4	-1.1
Hispanic	14,729	71.8	537	107	48.6	42.5	8.5	0.4	8.8	10.5	-1.7
White	18,619	54.7	611	108	23.1	46.2	27.2	3.5	30.7	34.9	-4.2
Hawaiian/Pacific Islander	82	55.0	546	113	47.6	43.9	--	--	8.5	22.3	-13.8
Two or More Races	1,338	56.5	593	113	28.7	45.8	22.5	3.0	25.5	30.4	-4.9
Not Reported	< 16	--	--	--	--	--	--	--	--	--	--

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2019 CMAS State Achievement Results Science and Social Studies

Social Studies Results by Race/Ethnicity

Report Category	Participation Information		Score Information						Percent Met or Exceeded Expectations		
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	2019	2018	Change
Social Studies Grade 04											
American Indian or Alaska Native	105	95.5	581	118	35.2	50.5	--	--	14.3	11.3	3.0
Asian	764	96.5	649	113	17.9	46.7	27.7	7.6	35.3	33.1	2.2
Black	895	95.9	568	117	40.8	47.7	--	--	11.5	8.4	3.1
Hispanic	7,524	97.7	569	110	40.9	49.4	8.8	0.9	9.7	9.1	0.6
White	10,772	95.1	652	102	14.8	51.4	27.9	5.8	33.8	32.5	1.3
Hawaiian/Pacific Islander	64	97.0	590	109	37.5	46.9	--	--	15.6	14.5	1.1
Two or More Races	942	95.4	636	108	19.0	52.2	23.6	5.2	28.8	28.0	0.8
Not Reported	< 16	--	--	--	--	--	--	--	--	--	--
Social Studies Grade 07											
American Indian or Alaska Native	115	83.3	554	124	59.1	31.3	--	--	9.6	4.9	4.7
Asian	636	94.4	646	113	26.4	37.9	26.1	9.6	35.7	29.5	6.2
Black	884	90.1	541	124	64.1	26.5	--	--	9.4	4.5	4.9
Hispanic	6,709	92.5	540	115	64.9	28.8	5.4	0.8	6.3	5.3	1.0
White	9,939	89.2	624	110	31.8	43.2	19.9	5.1	25.0	23.0	2.0
Hawaiian/Pacific Islander	48	94.1	560	138	54.2	33.3	--	--	12.5	12.0	0.5
Two or More Races	853	88.8	610	117	38.6	38.3	18.4	4.7	23.1	22.8	0.3
Not Reported	< 16	--	--	--	--	--	--	--	--	--	--
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2019 CMAS State Achievement Results Science and Social Studies

Science Results by Free/Reduced Lunch Status

Report Category	Participation Information		Score Information								
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations		
									2019	2018	Change
Science Grade 05											
Free/Reduced Lunch Eligible	28,971	96.9	549	107	45.9	36.4	16.7	1.0	17.7	16.8	0.9
Not Free/Reduced Lunch Eligible	36,718	95.5	641	97	15.0	34.7	43.8	6.6	50.3	50.4	-0.1
Science Grade 08											
Free/Reduced Lunch Eligible	23,924	89.8	520	119	58.9	27.5	13.1	0.5	13.6	13.5	0.1
Not Free/Reduced Lunch Eligible	34,466	87.0	622	114	24.6	31.5	38.6	5.2	43.8	43.7	0.1
Science HS											
Free/Reduced Lunch Eligible	14,995	71.2	538	107	48.0	42.9	8.8	0.3	9.1	10.7	-1.6
Not Free/Reduced Lunch Eligible	23,242	55.8	601	112	26.7	45.2	25.0	3.2	28.1	32.8	-4.7



2019 CMAS State Achievement Results Science and Social Studies

Social Studies Results by Free/Reduced Lunch Status

Report Category	Participation Information		Score Information								
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations		
									2019	2018	Change
Social Studies Grade 04											
Free/Reduced Lunch Eligible	9,251	96.9	567	110	40.8	49.6	8.7	0.8	9.6	8.4	1.2
Not Free/Reduced Lunch Eligible	11,818	95.5	656	100	13.9	51.0	28.9	6.2	35.1	34.7	0.4
Social Studies Grade 07											
Free/Reduced Lunch Eligible	7,966	91.5	536	116	65.5	28.6	5.2	0.7	5.9	4.6	1.3
Not Free/Reduced Lunch Eligible	11,219	89.8	629	108	30.8	42.8	20.8	5.6	26.4	24.1	2.3



2019 CMAS State Achievement Results Science and Social Studies

Science Results by Special Programs Status

Report Category	Participation Information		Score Information								
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations		
									2019	2018	Change
Science Grade 05											
IEP	7,514	91.2	484	112	69.7	23.0	6.8	0.5	7.3	7.0	0.3
No IEP	58,175	96.8	615	102	23.3	37.0	35.0	4.6	39.6	38.9	0.7
Title I	26,086	97.7	555	110	44.5	35.4	18.7	1.4	20.1	18.8	1.3
Not Title I	39,603	95.1	630	102	18.2	35.4	40.4	5.9	46.4	46.0	0.4
Science Grade 08											
IEP	5,579	83.9	447	113	82.1	13.4	4.2	0.3	4.5	4.6	-0.1
No IEP	52,811	88.6	594	120	34.1	31.6	30.7	3.6	34.3	34.0	0.3
Title I	12,389	94.0	512	120	62.2	25.3	11.7	0.8	12.5	13.4	-0.9
Not Title I	46,001	86.7	599	122	32.3	31.1	32.6	4.0	36.6	36.0	0.6
Science HS											
IEP	3,135	63.2	474	107	74.1	22.3	3.4	0.3	3.6	3.7	-0.1
No IEP	35,102	60.8	585	111	31.6	46.2	20.0	2.2	22.2	25.9	-3.7
Title I	4,891	85.4	538	108	48.8	41.8	8.9	0.5	9.4	10.1	-0.7
Not Title I	33,346	58.5	582	114	33.0	44.6	20.0	2.3	22.3	26.3	-4.0



2019 CMAS State Achievement Results Science and Social Studies

Social Studies Results by Special Programs Status

Report Category	Participation Information		Score Information		Performance Expectations						
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations		
									2019	2018	Change
Social Studies Grade 04											
IEP	2,316	90.1	501	127	64.6	30.2	--	--	5.3	4.9	0.4
No IEP	18,753	96.9	631	103	20.9	52.9	--	--	26.2	24.5	1.7
Title I	8,461	97.7	571	112	40.2	48.8	10.0	1.1	11.0	9.7	1.3
Not Title I	12,608	95.1	648	104	16.0	51.5	26.8	5.7	32.6	31.7	0.9
Social Studies Grade 07											
IEP	1,886	85.7	456	116	86.5	11.7	--	--	1.9	1.7	0.2
No IEP	17,299	91.0	605	111	40.7	39.7	--	--	19.6	17.3	2.3
Title I	3,360	93.5	528	114	68.9	26.2	4.5	0.4	4.9	5.1	-0.2
Not Title I	15,825	89.9	603	117	40.2	39.2	16.4	4.2	20.7	19.0	1.7
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2019 CMAS State Achievement Results Science and Social Studies

Science Results by Language Proficiency

Report Category	Participation Information		Score Information		Performance Expectations						
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations		
									2019	2018	Change
Science Grade 05											
English Learner (EL)	8,218	97.9	485	94	72.7	23.9	--	--	3.4	NA	NA
Not English Learner (Not EL)	57,471	95.9	617	104	22.3	37.1	--	--	40.6	NA	NA
EL: NEP (Not English Proficient)	1,215	94.2	416	97	89.1	9.2	--	--	1.6	1.4	0.2
EL: LEP (Limited English Proficient)	7,003	98.6	496	89	69.8	26.5	--	--	3.7	3.5	0.2
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	5,217	99.0	614	83	19.1	47.7	30.5	2.6	33.1	NA	NA
Not EL: PHLOTE, NA, Not Reported	52,254	95.6	617	105	22.7	36.0	--	--	41.3	NA	NA
Science Grade 08											
English Learner (EL)	5,561	93.7	435	95	89.4	9.7	--	--	0.9	NA	NA
Not English Learner (Not EL)	52,829	87.6	596	120	33.3	32.0	--	--	34.7	NA	NA
EL: NEP (Not English Proficient)	1,230	93.7	385	86	95.5	--	--	--	--	--	--
EL: LEP (Limited English Proficient)	4,331	93.8	449	92	87.7	--	--	--	--	1.0	--
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	7,101	94.0	574	103	40.7	37.7	20.1	1.5	21.6	NA	NA
Not EL: PHLOTE, NA, Not Reported	45,728	86.7	599	122	32.2	31.1	--	--	36.7	NA	NA
Science HS											
English Learner (EL)	3,430	78.5	451	89	84.5	15.2	--	--	0.3	NA	NA
Not English Learner (Not EL)	34,807	59.7	588	109	30.2	47.1	--	--	22.7	NA	NA
EL: NEP (Not English Proficient)	772	77.0	404	83	94.3	--	--	--	--	--	--
EL: LEP (Limited English Proficient)	2,658	79.0	464	87	81.6	--	--	--	--	0.6	--
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	5,622	72.8	573	94	33.2	54.4	11.4	0.9	12.3	NA	NA
Not EL: PHLOTE, NA, Not Reported	29,185	57.7	591	112	29.6	45.7	--	--	24.7	NA	NA

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NA = Not Available.



2019 CMAS State Achievement Results Science and Social Studies

Social Studies Results by Language Proficiency

Report Category	Participation Information		Score Information		Performance Expectations						
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations		
									2019	2018	Change
Social Studies Grade 04											
English Learner (EL)	3,211	98.2	521	102	59.2	39.0	--	--	1.8	NA	NA
Not English Learner (Not EL)	17,858	95.7	634	107	19.7	52.4	--	--	27.9	NA	NA
EL: NEP (Not English Proficient)	745	96.6	446	108	83.4	--	--	--	--	--	--
EL: LEP (Limited English Proficient)	2,466	98.7	544	88	51.9	--	--	--	--	1.8	--
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	1,126	99.1	651	77	9.2	64.5	24.0	2.3	26.3	NA	NA
Not EL: PHLOTE, NA, Not Reported	16,732	95.5	633	109	20.4	51.6	--	--	28.0	NA	NA
Social Studies Grade 07											
English Learner (EL)	1,998	94.1	470	101	89.8	9.7	--	--	0.5	NA	NA
Not English Learner (Not EL)	17,187	90.1	604	114	40.0	40.1	--	--	19.9	NA	NA
EL: NEP (Not English Proficient)	410	91.9	417	106	93.9	--	--	--	--	--	--
EL: LEP (Limited English Proficient)	1,588	94.7	483	95	88.8	--	--	--	--	0.5	--
Not EL: FEP (Fluent English Proficient), FELL (Former English Language Learner)	2,116	95.2	601	96	43.7	43.1	11.0	2.2	13.2	NA	NA
Not EL: PHLOTE, NA, Not Reported	15,071	89.4	605	117	39.5	39.7	--	--	20.9	NA	NA
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2019 CMAS State Achievement Results Science and Social Studies

Science Results by Migrant Status

Report Category	Participation Information		Score Information		Performance Expectations						
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations		
									2019	2018	Change
Science Grade 05											
Migrant	210	95.9	496	111	64.3	31.0	--	--	4.8	4.6	0.2
Not Migrant	65,479	96.1	601	111	28.5	35.4	--	--	36.0	35.6	0.4
Science Grade 08											
Migrant	165	94.3	472	120	71.5	24.2	--	--	4.2	--	--
Not Migrant	58,225	88.1	581	126	38.6	29.9	--	--	31.5	--	--
Science HS											
Migrant	122	80.3	469	113	72.1	25.4	--	--	2.5	--	--
Not Migrant	38,115	60.9	576	114	34.9	44.3	--	--	20.7	--	--

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2019 CMAS State Achievement Results Science and Social Studies

Social Studies Results by Migrant Status

Report Category	Participation Information		Score Information								
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations		
									2019	2018	Change
Social Studies Grade 04											
Migrant	112	96.6	526	111	58.9	--	--	--	--	--	--
Not Migrant	20,957	96.1	618	113	25.5	--	--	--	--	--	--
Social Studies Grade 07											
Migrant	38	82.6	481	118	86.8	--	--	--	--	--	--
Not Migrant	19,147	90.5	590	120	45.1	--	--	--	--	--	--
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2019 CMAS State Achievement Results Science and Social Studies

Science Results by Gifted and Talented Status

Report Category	Participation Information		Score Information								
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations		
									2019	2018	Change
Science Grade 05											
Gifted and Talented	6,710	98.0	729	65	0.8	8.9	65.8	24.5	90.3	90.8	-0.5
Not Gifted and Talented	58,979	95.9	586	106	31.8	38.4	27.9	1.8	29.8	29.4	0.4
Science Grade 08											
Gifted and Talented	7,228	91.7	717	83	4.2	13.6	63.6	18.6	82.2	80.6	1.6
Not Gifted and Talented	51,162	87.7	561	120	43.5	32.2	23.2	1.1	24.3	23.8	0.5
Science HS											
Gifted and Talented	4,392	60.8	688	83	5.4	30.1	53.0	11.4	64.4	68.0	-3.6
Not Gifted and Talented	33,845	61.0	562	110	38.9	46.1	14.1	0.9	15.0	18.2	-3.2



2019 CMAS State Achievement Results Science and Social Studies

Social Studies Results by Gifted and Talented Status

Report Category	Participation Information		Score Information								
	Number of Valid Scores	Participation Rate	Mean Scale Score	Standard Deviation	Percent Partially Met Expectations	Percent Approached Expectations	Percent Met Expectations	Percent Exceeded Expectations	Percent Met or Exceeded Expectations		
									2019	2018	Change
Social Studies Grade 04											
Gifted and Talented	1,700	98.2	745	71	1.1	21.5	52.5	24.9	77.4	78.0	-0.6
Not Gifted and Talented	19,369	95.9	606	110	27.9	52.9	17.2	2.0	19.2	18.0	1.2
Social Studies Grade 07											
Gifted and Talented	2,057	93.8	723	68	3.6	27.3	46.3	22.7	69.0	61.3	7.7
Not Gifted and Talented	17,128	90.1	574	115	50.2	38.1	10.5	1.3	11.8	9.6	2.2