

Ohio State Initial Licensure Value-Added (VA) Data

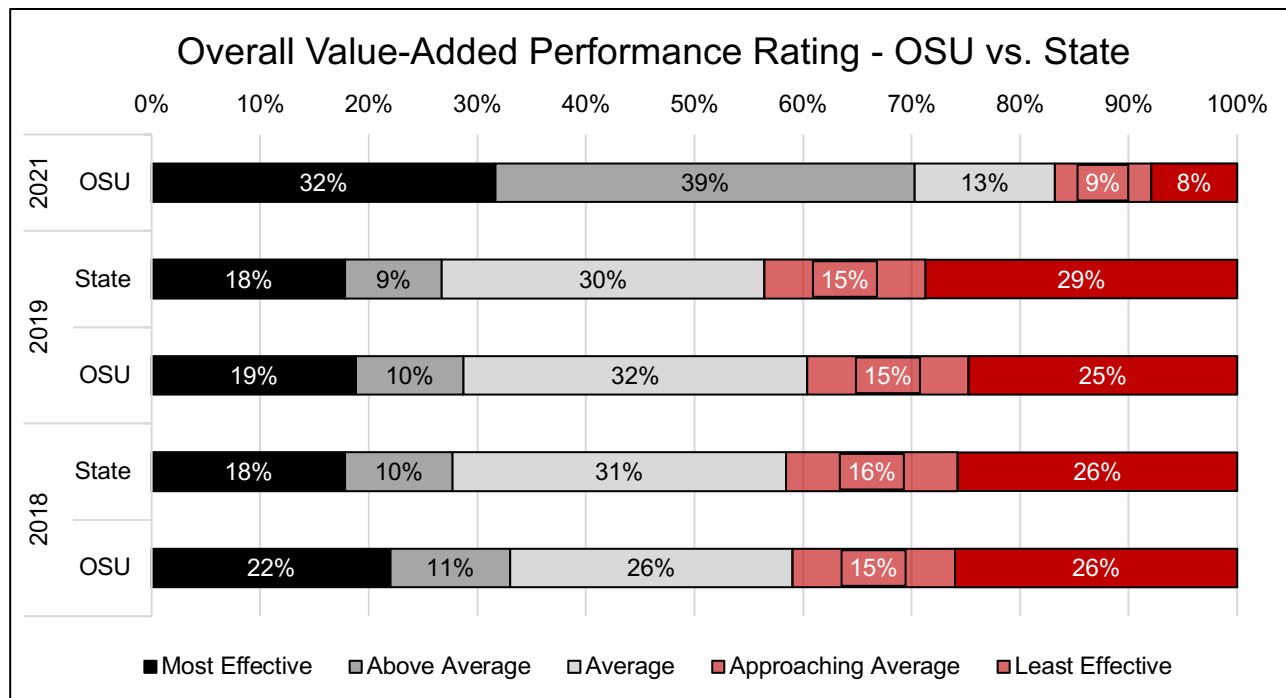
CAEP Standard: R.4.1 and Accountability Measure #1 – Completer Impact & Effectiveness

Ohio's value-added (VA) data system provides information on student academic gains in specific content areas and grade levels¹. VA data demonstrates student progress within a given academic year and are used to inform instructional practices and teacher evaluations.

Data represented below reflect Ohio State completers with Resident Educator licenses provided by the Ohio Department of Higher Education (ODHE) reported by Ohio's Education Value-Added Assessment System (EVAAS). Teachers receive effectiveness ratings comparing their actual student growth in relation to the standard error (SE) above or below their expected growth within a year's timeframe². They also receive index ratings as a quantifiable growth score.

Overall Value-Added Effectiveness Ratings

Year	Most Effective	Above Average	Average	Approaching Average	Least Effective	Total Count
Relation to expected growth (0)	>2 SE above	1-2 SE above	1 SE above to 1 SE below	1-2 SE below	>2 SE below	
2021 ³ OSU	32%	39%	13%	9%	8%	294
2021 State	Comparison data was not provided by ODHE					
2019 OSU	19%	10%	32%	15%	25%	320
2019 State	18%	9%	30%	15%	29%	3,480
2018 OSU	22%	11%	26%	15%	26%	309
2018 State	18%	10%	31%	16%	26%	3,807



Source: Ohio Department of Higher Education (ODHE) Educator Performance Report Cards

¹ Value-added growth scores are calculated from the following Ohio state tests given in consecutive grades for the same subject: Mathematics in grades 3-8; Reading in grades 3-8. Tests given in non-consecutive grades for the same subject include: Algebra I, Mathematics I, Mathematics II, and Geometry; ELA I, and ELA II; Science in grades 5 and 8; Social studies in grades 4 and 6; Biology; American History and American Government.

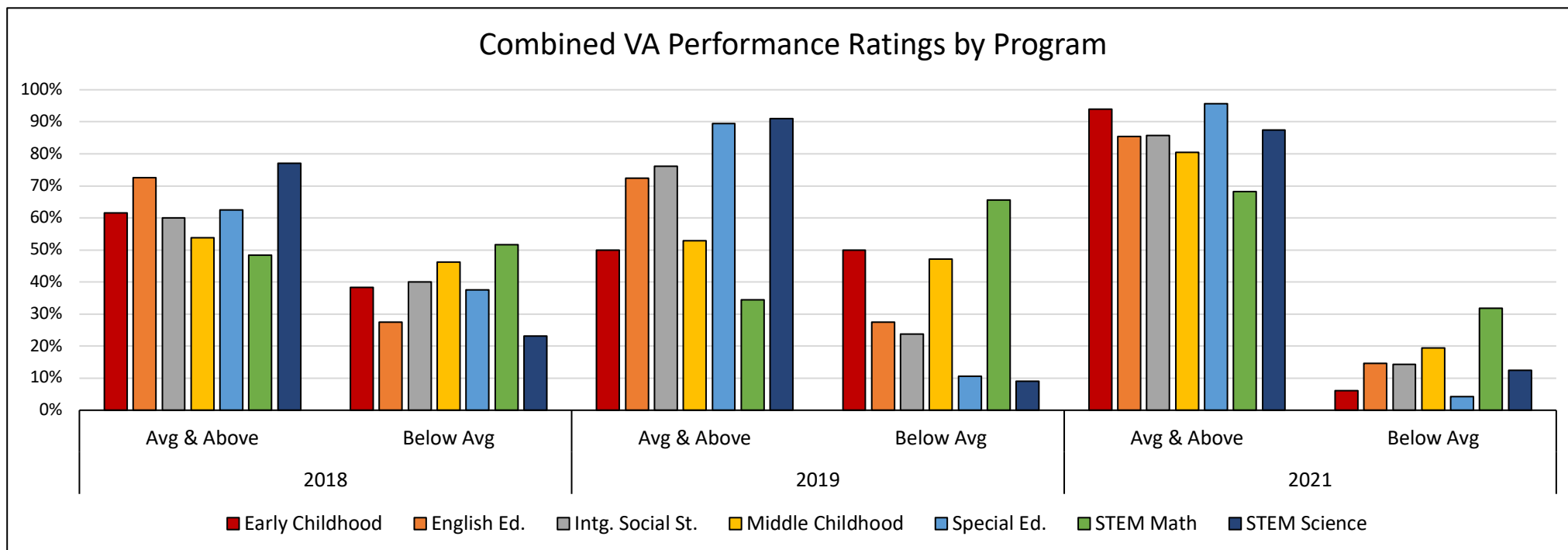
² The growth expectation for each student is based on each student's own previous achievement. Regardless of whether students are proficient or not, the Ohio value-added model will estimate whether, on average, students met the growth expectation for a class or school.

³ Ohio's ordered school-building closure and subsequent emergency legislation addressing the coronavirus pandemic-related issues (House Bill 197 of the 133rd General Assembly) had substantial impacts on state testing during the 2019-2020 school year. As a result, the OTES/OPES and Value-Added sections will include limited or no data.

Overall Value-Added Effectiveness Rating by Program

Program	2018						2019						2021					
	Total Count	Most Eff.	Above Avg.	Avg.	App. Avg.	Least Eff.	Total Count	Most Eff.	Above Avg.	Avg.	App. Avg.	Least Eff.	Total Count	Most Eff.	Above Avg.	Avg.	App. Avg.	Least Eff.
Early/Primary	26	19.2%	19.2%	23.1%	11.5%	26.9%	28	17.9%	0.0%	32.1%	25.0%	25.0%	33	24.2%	57.6%	12.1%	3.1%	3.0%
English Ed.	51	33.3%	13.7%	25.5%	11.8%	15.7%	69	21.7%	10.1%	40.6%	11.6%	15.9%	55	38.2%	34.6%	12.7%	7.3%	7.3%
Intg. Social St.	20	25.0%	15.0%	20.0%	15.0%	25.0%	21	33.3%	14.3%	28.6%	4.8%	19.0%	7	42.9%	28.6%	14.3%	14.3%	0.0%
Middle Childhood	143	17.5%	7.7%	28.7%	18.2%	28.0%	138	17.4%	9.4%	26.1%	16.7%	30.4%	139	33.8%	33.8%	13.0%	10.1%	9.4%
Special Ed.	24	8.3%	12.5%	41.7%	12.5%	25.0%	19	10.5%	5.3%	73.7%	5.3%	5.3%	23	26.1%	65.2%	4.3%	4.3%	0.0%
STEM Math	31	25.8%	12.9%	9.7%	6.5%	45.2%	32	15.6%	12.5%	6.3%	25.0%	40.6%	22	22.7%	22.7%	22.7%	18.2%	13.6%
STEM Science	13	38.5%	15.4%	23.1%	23.1%	0.0%	11	18.2%	27.3%	45.5%	9.1%	0.0%	18	37.5%	37.5%	12.5%	0.0%	12.5%

Note: Ohio State Agriscience and TESOL completers have EVAAS scores with low counts (N<10) annually and are not included.



Source: Ohio Department of Higher Education Metrics Reporting System exports.

Value-Added Index Scores by Program, Grade Level and Test

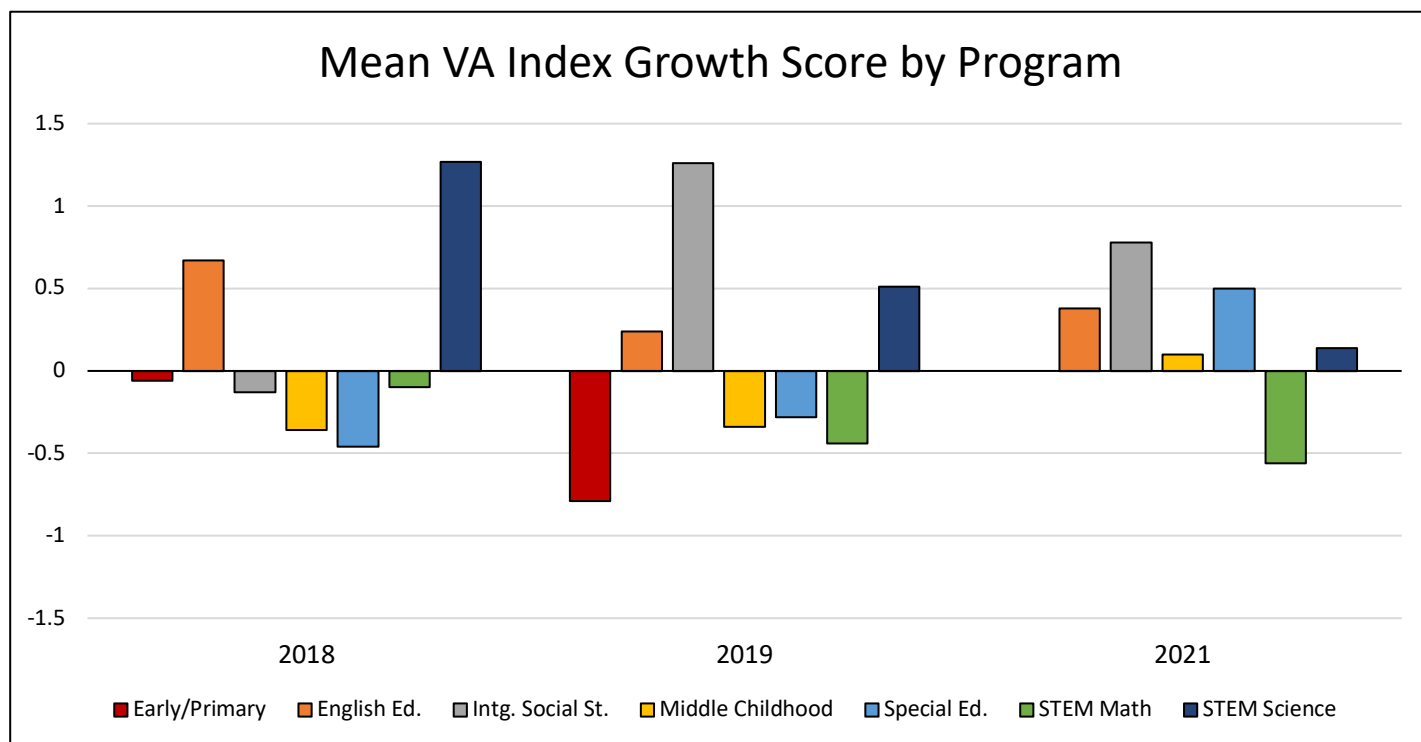
Value-added index scores indicate the average growth compared to the expected growth (0). Data represent the average index score and standard deviation for each grade level/content test taken in a year.

Program	2018			2019			2021		
	Total Count	Index Mean	Std. Dev.	Total Count	Index Mean	Std. Dev.	Total Count	Index Mean	Std. Dev.
Early/Primary	42	-0.06	1.86	45	-0.79	1.71	33	0.00	1.31
Grade 4 ELA	13	-0.10	0.86	15	-0.71	1.34	19	-0.03	1.40
Grade 4 Math	13	-0.31	2.04	11	-0.39	2.12	9	0.18	1.23
Grade 5 ELA	6	0.80	1.49	8	-1.02	1.49	0	N/A	N/A
Grade 5 Math	5	-2.00	1.23	5	-1.47	1.80	5	-0.18	1.33
Grade 5 Science	5	1.59	2.65	5	-1.06	2.44	0	N/A	N/A
English Ed.	63	0.67	2.84	83	0.24	2.34	55	0.38	2.38
Grade 7 ELA	10	0.64	3.18	16	0.33	3.30	12	-0.19	1.59
Grade 8 ELA	5	-0.05	2.30	9	0.63	1.58	9	0.35	2.30
ELA I	24	0.77	2.91	30	0.26	2.53	0	N/A	N/A
ELA II	24	0.73	2.87	28	0.05	1.70	32	0.76	2.62
Intg. Social St.	26	-0.13	2.99	27	1.26	3.60	7	0.78	2.87
American Govnt.	13	0.29	3.46	15	0.91	3.99	7	0.78	2.87
American History	13	-0.54	2.52	12	1.70	3.17	0	N/A	N/A
Middle Childhood	179	-0.36	2.58	165	-0.28	2.48	139	0.10	2.47
Grade 4 ELA	8	0.03	1.23	10	0.08	1.05	10	0.52	1.57
Grade 4 Math	8	0.81	3.32	7	0.98	2.43	0	N/A	N/A
Grade 5 ELA	20	0.01	1.91	11	-0.75	1.08	11	-0.44	1.60
Grade 5 Math	12	-2.01	4.58	11	-1.92	3.54	17	0.19	3.72
Grade 5 Science	14	0.45	3.16	10	0.36	3.01	0	N/A	N/A
Grade 6 ELA	16	-0.20	1.96	20	-0.34	1.83	19	-0.30	1.63
Grade 6 Math	14	-0.68	3.78	19	-1.24	4.11	23	-0.09	2.77
Grade 7 ELA	14	-0.41	1.65	15	-1.00	1.75	16	1.51	1.78
Grade 7 Math	17	0.19	2.47	15	0.04	2.07	15	0.04	1.58
Grade 8 ELA	16	0.35	1.28	9	0.87	1.30	6	0.02	1.66
Grade 8 Math	12	-1.44	1.76	14	0.30	1.91	9	-1.41	2.34
Grade 8 Science	17	-1.20	1.78	16	-0.06	2.17	9	-0.80	2.21
Algebra I	9	-0.93	3.08	7	0.78	2.54	2	LOW N	LOW N
Special Ed.	38	-0.46	1.42	28	0.07	1.08	23	0.50	1.17
Grade 4	2	LOW N	LOW N	2	LOW N	LOW N	0	N/A	N/A
Grade 5	4	LOW N	LOW N	4	LOW N	LOW N	2	LOW N	LOW N
Grade 6	5	0.24	0.70	8	-0.79	1.04	3	LOW N	LOW N
Grade 7	5	-0.40	0.54	2	LOW N	LOW N	5	0.44	1.55
Grade 8	10	-0.83	0.91	7	0.67	0.77	8	0.98	1.04
Grade 9-12	12	-0.65	2.15	5	0.27	0.95	5	0.55	0.30

Program	2018			2019			2021		
	Total Count	Index Mean	Std. Dev	Total Count	Index Mean	Std. Dev	Total Count	Index Mean	Std. Dev
STEM Math	48	-0.10	2.79	45	-0.44	2.87	22	-0.56	3.35
Grade 7 Math	4	-1.09	3.53	2	LOW N	LOW N	2	LOW N	LOW N
Grade 8 Math	6	-0.56	2.39	3	LOW N	LOW N	2	LOW N	LOW N
Algebra I	16	-0.31	3.00	15	-0.76	2.84	7	0.95	4.66
Geometry	11	0.19	2.94	16	0.31	2.94	9	-1.44	3.01
Mathematics I	5	0.31	2.87	4	LOW N	LOW N	0	LOW N	LOW N
Mathematics II	6	0.75	2.59	5	-0.17	2.47	2	LOW N	LOW N
STEM Science	13	1.27	1.73	11	0.51	2.21	8	0.14	1.70
Biology	11	1.65	1.57	10	0.50	2.33	8	0.14	1.70

Source: Ohio Department of Higher Education (ODHE) Metrics Reporting System exports.

Note: Index data includes only tests in content areas directly related to the initial licensure area and Early Childhood with 4-5 credentials. Tests/subject areas with N<5 teacher scores are masked or removed for privacy. Special Ed data combine all subject areas into one grade level summary to reach group sizes large enough to report.



For more information about EVAAS, see the [Technical Report](#) on the [Ohio Department of Education's Value-Added Resources](#) website.