

# Ohio State Initial Licensure Value-Added (VA) Data

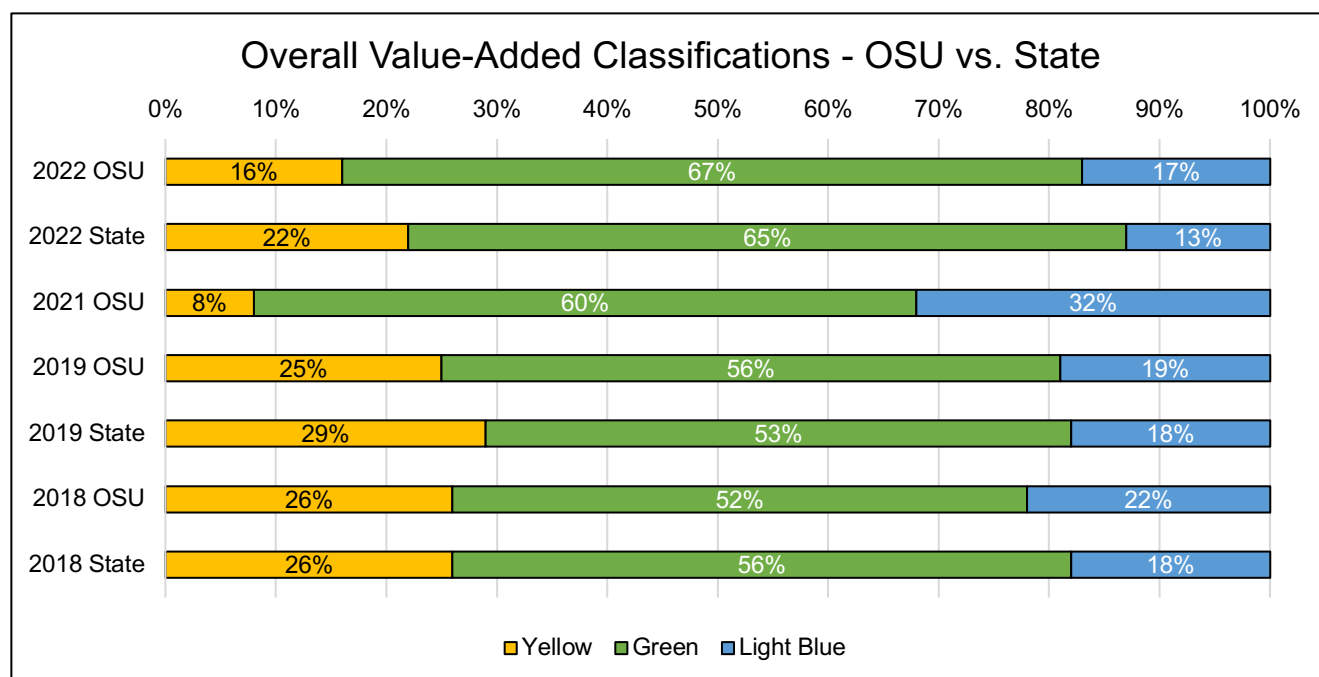
CAEP Accountability Measure #1 – Completer Impact & Effectiveness

Ohio's value-added (VA) data system provides information on student academic gains in specific content areas and grade levels<sup>1</sup>. 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 a color classification comparing their actual student growth in relation to the standard error (SE) above or below their expected growth within a year's timeframe<sup>2</sup>. They also receive index ratings as a quantifiable growth score.

## Overall Value-Added Classifications

Year	Total #	Yellow	Green	Light Blue
Growth Index		>-2 SE below	1.99 SE above to 1.99 SE below	>+2 SE above
Relation to expected growth (0)		Less Growth than Expected	Expected Growth	More Growth than Expected
2022 OSU	292	16%	67%	17%
2022 State	2,824	22%	65%	13%
2021 OSU	294	8%	60%	32%
2021 State <sup>3</sup>	<i>Data not provided by state dept.</i>			
2019 OSU	320	25%	56%	19%
2019 State	3,480	29%	53%	18%
2018 OSU	309	26%	52%	22%
2018 State	3,807	26%	56%	18%



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

<sup>1</sup> 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.

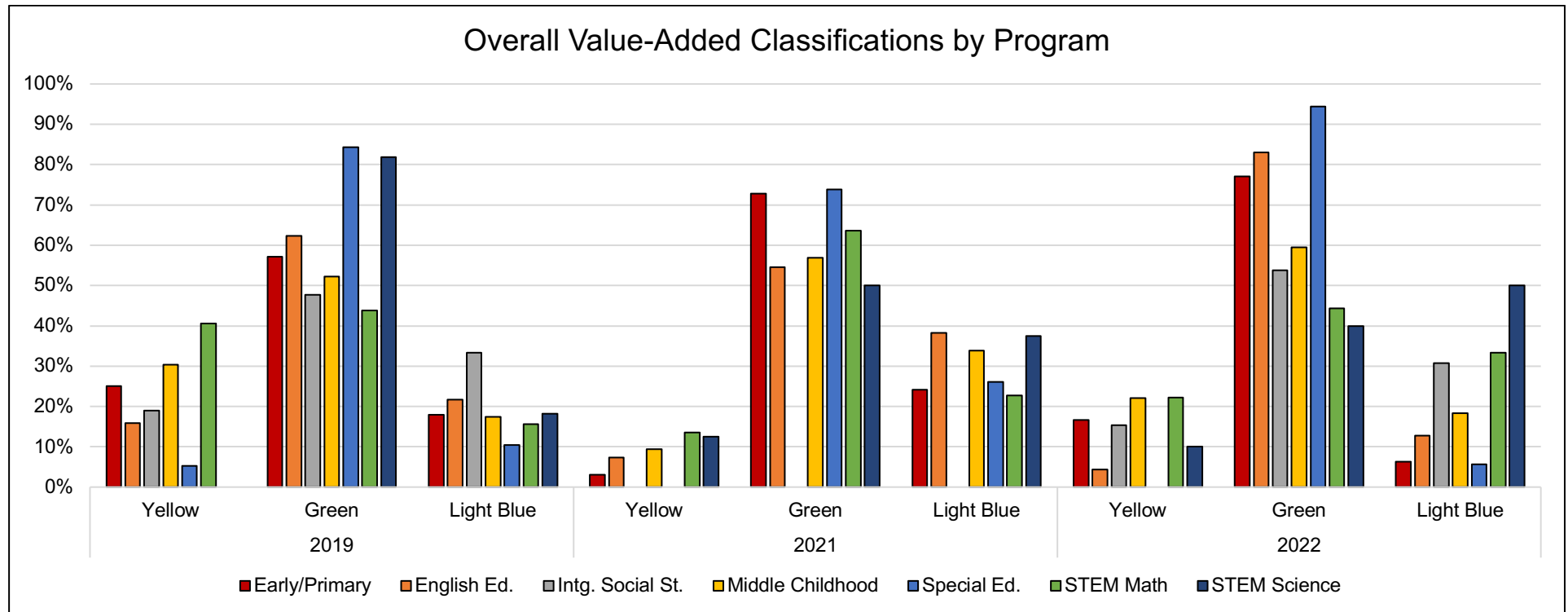
<sup>2</sup> The growth expectation for each student is based on each student's own previous achievement. Regardless of whether students are proficient or not, the Ohio value-added model will estimate whether, on average, students met the growth expectation for a class or school.

<sup>3</sup> Due to the COVID-19 pandemic and its impact on school closures, OST testing was not conducted in Spring 2020. Although OST testing resumed in Spring 2021, OSU received only aggregate scores preventing further disaggregation, and State comparisons for 2021 were not released to EPPs in the ODHE exports.

## Overall Value-Added Classification by Program

Program	2019			2021			2022					
	Total #	Yellow	Green	Light Blue	Total #	Yellow	Green	Light Blue	Total #	Yellow	Green	Light Blue
Early/Primary	28	25.0%	57.1%	17.9%	33	3.0%	72.8%	24.2%	48	16.7%	77.1%	6.3%
English Ed.	69	15.9%	62.3%	21.7%	55	7.3%	54.6%	38.2%	47	4.3%	83.0%	12.8%
Intg. Social St.	21	19.0%	47.7%	33.3%	7	LOW N	LOW N	LOW N	13	15.4%	53.8%	30.8%
Middle Childhood	138	30.4%	52.2%	17.4%	139	9.4%	56.9%	33.8%	131	22.1%	59.5%	18.3%
Special Ed.	19	5.3%	84.3%	10.5%	23	0.0%	73.8%	26.1%	18	0.0%	94.4%	5.6%
STEM Math	32	40.6%	43.8%	15.6%	22	13.6%	63.6%	22.7%	18	22.2%	44.4%	33.3%
STEM Science	11	0.0%	81.9%	18.2%	18	12.5%	50.0%	37.5%	10	10.0%	40.0%	50.0%

Note: Ohio State Agriscience and TESOL completers have EVAAS scores with low counts (N<10) annually; therefore, they are only included in the OSU Overall data.



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

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

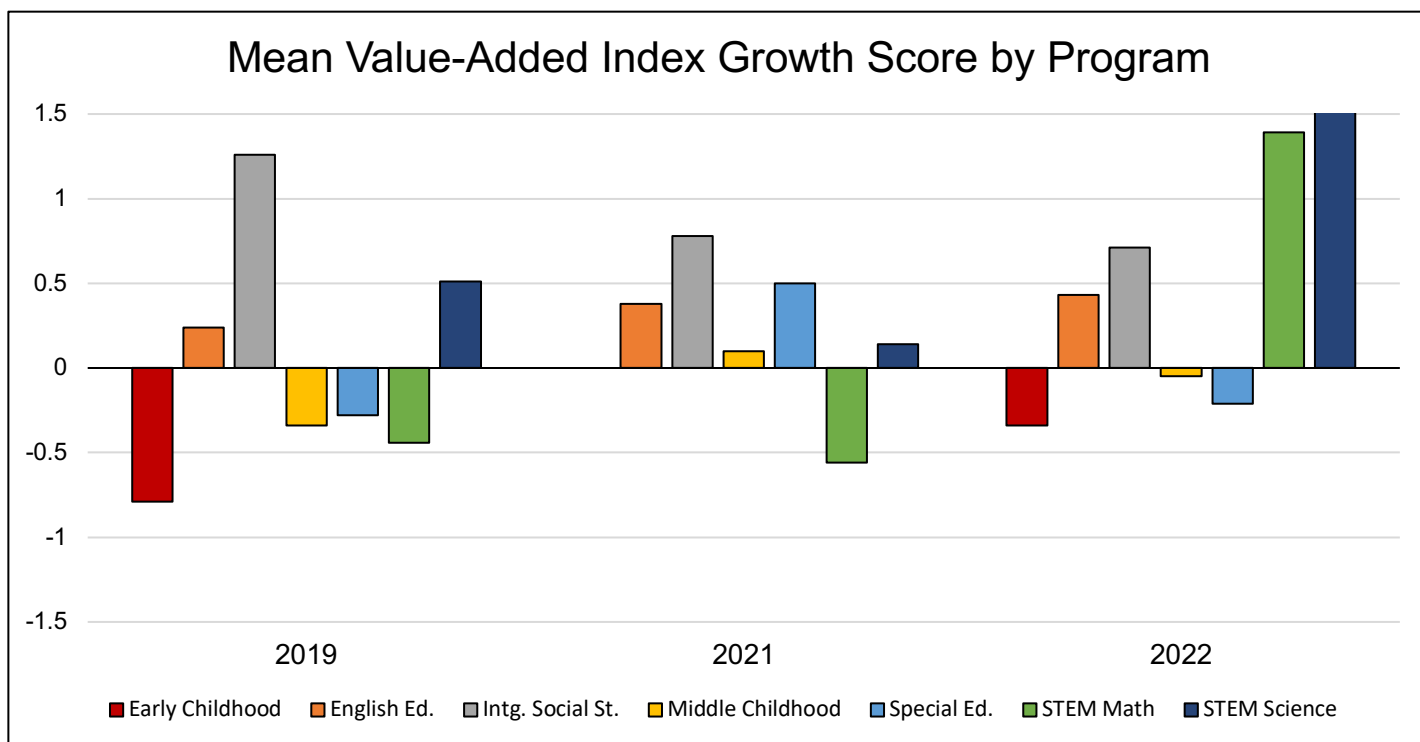
Value-added index scores indicate the average growth compared to the expected growth (0). Data represent the average index score and average standard deviation for each grade level/content test taken in a year.

Program	2019			2021			2022		
	Total Count	Index Mean	Std. Dev. Mean	Total Count	Index Mean	Std. Dev. Mean	Total Count	Index Mean	Std. Dev. Mean
Early/Primary	45	-0.79	1.71	33	0.00	1.31	79	-0.34	2.56
Grade 4 ELA	15	-0.71	1.34	19	-0.03	1.40	31	-0.52	2.40
Grade 4 Math	11	-0.39	2.12	9	0.18	1.23	23	-0.40	2.37
Grade 5 ELA	8	-1.02	1.49	0	N/A	N/A	13	0.55	1.96
Grade 5 Math	5	-1.47	1.80	5	-0.18	1.33	5	0.46	2.74
Grade 5 Science	5	-1.06	2.44	0	N/A	N/A	7	-0.30	4.83
English Ed.	83	0.24	2.34	55	0.38	2.38	49	0.43	1.86
Grade 7 ELA	16	0.33	3.30	12	-0.19	1.59	10	-0.70	1.92
Grade 8 ELA	9	0.63	1.58	9	0.35	2.30	12	0.73	1.19
ELA I	30	0.26	2.53	0	N/A	N/A	0	N/A	N/A
ELA II	28	0.05	1.70	32	0.76	2.62	27	0.72	2.14
Intg. Social St.	27	1.26	3.60	7	0.78	2.87	13	0.71	1.87
American Govnt.	15	0.91	3.99	7	0.78	2.87	8	1.34	1.63
American History	12	1.70	3.17	0	N/A	N/A	5	-0.30	2.25
Middle Childhood	165	-0.28	2.48	139	0.10	2.47	92	-0.05	1.72
Grade 4 ELA	10	0.08	1.05	10	0.52	1.57	8	0.72	1.88
Grade 4 Math	7	0.98	2.43	0	N/A	N/A	10	-2.49	1.77
Grade 5 ELA	11	-0.75	1.08	11	-0.44	1.60	8	-0.47	1.75
Grade 5 Math	11	-1.92	3.54	17	0.19	3.72	17	-0.60	1.62
Grade 5 Science	10	0.36	3.01	0	N/A	N/A	13	-0.89	3.88
Grade 6 ELA	20	-0.34	1.83	19	-0.30	1.63	0	N/A	N/A
Grade 6 Math	19	-1.24	4.11	23	-0.09	2.77	0	N/A	N/A
Grade 7 ELA	15	-1.00	1.75	16	1.51	1.78	17	0.64	1.36
Grade 7 Math	15	0.04	2.07	15	0.04	1.58	16	-0.70	1.51
Grade 8 ELA	9	0.87	1.30	6	0.02	1.66	5	0.59	1.89
Grade 8 Math	14	0.30	1.91	9	-1.41	2.34	11	0.68	1.82
Grade 8 Science	16	-0.06	2.17	9	-0.80	2.21	6	-0.21	2.70
Algebra I	7	0.78	2.54	2	LOW N	LOW N	4	LOW N	LOW N
Special Ed.	28	0.07	1.08	23	0.50	1.17	25	-0.21	3.22
Grade 4	2	LOW N	LOW N	0	N/A	N/A	2	LOW N	LOW N
Grade 5	4	LOW N	LOW N	2	LOW N	LOW N	7	0.02	3.66
Grade 6	8	-0.79	1.04	3	LOW N	LOW N	0	N/A	N/A
Grade 7	2	LOW N	LOW N	5	0.44	1.55	7	0.05	2.83
Grade 8	7	0.67	0.77	8	0.98	1.04	9	-0.54	3.40
Grade 9-12	5	0.27	0.95	5	0.55	0.30	9	0.26	5.29

Program	2019			2021			2022		
	Total Count	Index Mean	Std. Dev	Total Count	Index Mean	Std. Dev	Total Count	Index Mean	Std. Dev
STEM Math	45	-0.44	2.87	22	-0.56	3.35	26	1.39	2.70
Grade 7 Math	2	LOW N	LOW N	2	LOW N	LOW N	3	LOW N	LOW N
Grade 8 Math	3	LOW N	LOW N	2	LOW N	LOW N	3	LOW N	LOW N
Algebra I	15	-0.76	2.84	7	0.95	4.66	8	2.04	3.12
Geometry	16	0.31	2.94	9	-1.44	3.01	10	1.32	2.49
Mathematics I	4	LOW N	LOW N	0	LOW N	LOW N	1	LOW N	LOW N
Mathematics II	5	-0.17	2.47	2	LOW N	LOW N	1	LOW N	LOW N
STEM Science	11	0.51	2.21	8	0.14	1.70	18	2.30	2.14
Biology	10	0.50	2.33	8	0.14	1.70	18	2.30	2.14

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.