Formative Assessment System for Teachers™ (FAST™) Performance Category Change Over Academic Year (2020-21)

The State of Kansas does not collect student growth data. Additionally, due to data privacy laws the state of Kansas will not provide PK-12 student or teacher data to EPPs. In order to meet CAEP reporting requirements for Standard 4.1 Impact on Student Learning and Development, the University of Kansas School of Education and Human Sciences has partnered with a district that has, historically, hired a large number of our graduates.

In academic year 2020-21, the partner district replaced the MAP with the Formative Assessment System for Teachers™ (FAST™). Teachers™ (FAST™) is a collection of computer-adaptive measures intended for use from kindergarten through eighth grade. FAST™Adaptive Math and Reading are administered two to three times a year to evaluate annual growth.

These data are from a single district and include instructors who are within their first three years of teaching and taught both semesters during the academic year. Fall 2020 participation was voluntary and provided an insufficient participation rate to include in this year's report. Future reports will include performance change data from Fall to Spring.

Mathematics

FAST™Adaptive Math predict students' level of risk for mathematics difficulties (Performance categories: At Risk, Somewhat at Risk, Low Risk, and College Prep). The measure is designed to identify those students with deficits in math achievement in need of additional instruction and predict performance on state accountability measures.

Math-A: University of Kansas Performance Category Change from Winter 2020 to Spring 2021

Teaching Level	Demonstrated Negative Growth	Demonstrated No Measurable Growth	Demonstrated Positive Growth
HS Mathematics	8.3%	73.3%	18.3%
Elementary	20.9%	55.8%	23.3%
Overall	13.6%	66.0%	20.4%

Math-A: Comparison Institutions Performance Category Change from Winter 2020 to Spring 2021

Teaching Level	Demonstrated Negative Growth	Demonstrated No Measurable Growth	Demonstrated Positive Growth
HS Mathematics	7.9%	55.9%	36.2%
Elementary	17.4%	67.1%	15.5%
Overall	13.4%	62.4%	24.2%

FAST™Adaptive Math predict students' level of risk for mathematics difficulties (Performance categories: At Risk, Somewhat at Risk, Low Risk, and College Prep). The following two tables report the number of performance categories a student moved between the first measure and the final.

Math-A: University of Kansas Performance Category Change Distribution from Winter 2020 to Spring 2021

Teaching Level	-3.00	-2.00	-1.00	No Change in Performance Category	1.00	2.00	3.00	Total
HS Mathematics	0	0	5	44	10	1	0	60
Elementary	1	1	7	24	9	1	0	43
Overall	1	1	12	68	19	2	0	103

Math-A: Comparison Institutions Performance Category Change Distribution from Winter 2020 to Spring 2021

Teaching Level	-3.00	-2.00	-1.00	No Change in Performance Category	1.00	2.00	3.00	Total
HS Mathematics	0	0	12	85	52	3	0	152
Elementary	4	3	29	139	28	4	0	207
Overall	4	3	41	224	80	7	0	359

Reading

FAST™Adaptive Reading predicts students' level of risk for reading difficulties (Performance categories: At Risk, Somewhat at Risk, Low Risk, and College Prep). The measure is designed to identify those students with deficits in reading achievement in need of additional instruction and predict performance on state accountability measures.

Reading-A: University of Kansas Performance Category Change from Winter Semester to Spring Semester

Teaching Level	Demonstrated Negative Growth	Demonstrated No Measurable Growth	Demonstrated Positive Growth
HS English	14.5%	71.8%	13.6%
Elementary	12.7%	77.8%	9.5%
Overall	13.9%	74.0%	12.1%

Reading-A: Comparison Institutions Performance Category Change from Winter Semester to Spring Semester

Teaching Level	Demonstrated Negative Growth	Demonstrated No Measurable Growth	Demonstrated Positive Growth
HS English	21.4%	59.3%	19.3%
Elementary	17.9%	71.2%	10.9%
Overall	20.3%	64.7%	15.0%

FAST™Adaptive Reading predict students' level of risk for reading difficulties (Performance categories: At Risk, Somewhat at Risk, Low Risk, and College Prep). The following two tables report the number of performance categories a student moved between the first measure and the final.

Reading-A: University of Kansas Performance Category Change Distribution from Winter Semester to Spring Semester

Teaching Level	-3.00	-2.00	-1.00	No Change	1.00	2.00	3.00	Total
HS English	0	2	14	79	14	1	0	110
Elementary	2	2	4	49	4	2	0	63
Overall	2	4	18	128	18	3	0	173

Reading-A: Comparison Institutions Performance Category Change Distribution from Winter Semester to Spring Semester

Teaching Level	-3.00	-2.00	-1.00	No Change	1.00	2.00	3.00	Total
HS English	1	0	30	86	24	3	1	145
Elementary	2	12	27	163	23	2	0	229
Overall	3	12	57	229	47	5	1	354

Measure 1: Impact on P-12 Learning and Development (Initial Licensure Programs)

7/18/2021