

Measures, data and comparisons will continue to be updated as data become available.

Missouri Department of Elementary and Secondary Education
Success Ready Metrics

Strategic Priorities	Access, Opportunity, Equity	Current Trend							
A	NAEP# (percentage of students scoring at or above proficient)	2011	2011 National Results	2013	2013 National Results	2015	2015 National Results	2017	2017 National Results
	Math Grade 4	41.4%	39.7%	38.7%	41.3%	38.4%	39.4%	40.3%	39.5%
	Math Grade 8	31.5%	33.5%	32.6%	34.4%	31.4%	32.1%	30.2%	33.4%
	Reading Grade 4	34.0%	32.4%	35.1%	34.0%	36.3%	34.8%	36.5%	35.4%
	Reading Grade 8	35.2%	31.6%	35.8%	34.3%	36.3%	32.7%	35.4%	34.7%
	Science Grade 4	**		**		39.3%	36.5%	**	
	Science Grade 8	36.1%	30.8%	***		39.7%	33.1%	***	
	<p>Source: National Assessment of Educational Progress (NAEP)</p> <p>NAEP is administered to a representative sampling of students rather than the entire student population for that grade and content area. # NAEP is not administered every year, and content area varies by year. ** Science Grade 4 was not administered in 2011, 2013 or 2017. *** Science Grade 8 was not administered in 2013 or 2017.</p>								

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Strategic Priorities	Access, Opportunity, Equity	Current Trend			Progress
A	English Language Arts MAP Grade Level/EOC (Percentage of students scoring at or above proficient)	2015	2016*	2017	2016-2017
	Grade 3	57.2%	60.7%	62.2%	↑
	Grade 4	58.5%	63.2%	64.2%	↑
	Grade 5	59.1%	62.1%	62.5%	↑
	Grade 6	54.9%	58.4%	59.5%	↑
	Grade 7	57.2%	58.0%	59.2%	↑
	Grade 8	57.5%	59.2%	60.2%	↑
	English I	67.0%	66.3%	62.9%	↓
	English II	73.7%	79.2%	NA	NA
<p>Source: Missouri Department of Elementary and Secondary Education MAP=Missouri Assessment Program EOC=End-of-Course Assessment (final exam) * Grade-level (grades 3-8) assessment results for 2016 in the content area of English language arts and mathematics are not comparable to prior year data. NA - The results of the 2017 EOCs in English II and Algebra I do not produce year-to-year comparable results, therefore; statewide results from these particular assessment were not released.</p>					

Strategic Priorities	Access, Opportunity, Equity	Current Trend			Progress
A	Mathematics MAP Grade Level/EOC (Percentage of students scoring at or above proficient)	2015	2016*	2017	2016-2017
	Grade 3	51.7%	52.1%	53.1%	↑
	Grade 4	49.2%	52.5%	53.9%	↑
	Grade 5	39.6%	46.4%	48.0%	↑
	Grade 6	37.8%	43.0%	43.4%	↑
	Grade 7	35.0%	42.5%**	43.4%^	NA
	Grade 8	40.8%	40.3%**	30.5%^	NA
	Algebra I	62.1%	65.8%**	NA	NA
	Algebra II	66.0%	70.1%	71.9%	↑
Geometry	63.0%	61.1%	59.3%	↓	
<p>Source: Missouri Department of Elementary and Secondary Education MAP=Missouri Assessment Program EOC=End-of-Course Assessment (final exam) * Grade-level (grades 3-8) assessment results for 2016 in the content area of English language arts and mathematics are not comparable to prior year data. ** Students who took the Algebra I end of course assessment prior to grade 9 are included in both the grade level totals and the Algebra I totals. This methodology is consistently applied across all years. ^ 7th and 8th grade students who took the Algebra I End-of-Course assessment are not included in these totals. NA - The results of the 2017 EOCs in English II and Algebra I do not produce year-to-year comparable results, therefore; statewide results from these particular assessment were not released.</p>					

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Strategic Priorities	Access, Opportunity, Equity	Current Trend					Progress
A	Science MAP Grade Level/EOC (Percentage of students scoring at or above proficient)	2013	2014	2015	2016	2017	2016-2017
	Grade 5	51.9%	48.0%	47.5%	42.7%	45.7%	↑
	Grade 8	50.8%	52.5%	49.4%	47.8%	49.0%	↑
	Biology I	74.7%	67.3%	74.3%	66.8%	65.3%	↓
	Physical Science	*	*	27.2%	28.0%	29.1%	↑
Source: Missouri Department of Elementary and Secondary Education MAP=Missouri Assessment Program EOC=End-of-Course Assessment (final exam) * 2015 First year assessment administered.							

Strategic Priorities	Access, Opportunity, Equity	Current Trend					Progress
A	Social Studies EOC-Final Exam (Percentage of students scoring at or above proficient)	2013	2014	2015	2016	2017	2016-2017
	American History	46.9%	48.0%	49.4%	49.4%	50.2%	↑
	Government	54.0%	62.0%	63.3%	63.3%	65.0%	↑
Source: Missouri Department of Elementary and Secondary Education EOC=End-of-Course Assessment (final exam)							

Strategic Priorities	Access, Opportunity, Equity	Current Trend					Progress
A	ACT® Results (Average Composite Score)	2013	2014	2015	2016*	2017	2016-2017
	Composite ACT® Score	21.3%	21.4%	21.4%	20.0%	20.2%	↑
	Percent of Graduates taking the ACT®	64.8%	66.1%	67.6%	91.6%	91.9%	↑
Source: Missouri Department of Elementary and Secondary Education * 2016 was the first graduating class to participate in the 2015 census administration of the ACT® for all Missouri 11th grade students.							

Strategic Priorities	Access, Opportunity, Equity	Current Trend					Progress
A	ASVAB	2013	2014	2015	2016	2017	2016-2017
	Armed Forces Qualification Test (Composite)	40.6	38.7	39.1	38.4	38.1	↓
	Percent of 9, 10 and 11 Grade Students Tested*	8.8%	19.7%	17.6%	17.5%	16.9%	↓
Source: ASVAB Data Reports provided by Defense Manpower Data Center (DMDC) 9/2017 ASVAB = Armed Services Vocational Aptitude Battery *Note: Percentage of students tested is based on MO enrollment in grades 10, 11, 12 divided by number of MO students who completed the ASVAB.							

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Strategic Priorities	Access, Opportunity, Equity	Current Trend					Progress
A	College and Career Ready (CCR) (unduplicated count)	2013	2014	2015	2016	2017	2016-2017
	College and Career Readiness *	37.2%	40.5%	40.8%	42.2%	42.5%	↑
	CCR Advanced Placement **	44.0%	49.8%	52.7%	54.2%	55.3%	↑
	Post-secondary Placement ***	86.4%	87.1%	88.9%	89.6%	90.3%	↑
College and Career Readiness * - The unduplicated count (percent) of graduates meeting or exceeding the state standards for ACT®, SAT®, COMPASS®, ACT Workkeys®, the Armed Services Vocational Aptitude Battery (ASVAB) or receiving an Industry Recognized Credential (IRC). CCR Advanced Placement** - The percent of graduates meeting or exceeding the state standard on the AP, IB or Technical Skills Attainment (TSA)/IRC assessments or meeting or exceeding in AP, IB, early college, dual enrollment, or approved dual credit courses. Post-secondary Placement*** - The percent of graduates who attend post-secondary education or training, are in the military, or who complete a Department-approved Career Education program and were employed.							

Strategic Priorities	Access, Opportunity, Equity	Current Trend					Progress
A	Attendance Rate (percentage of students attending 90% of the time)	2013	2014	2015	2016	2017	2016-2017
	Total	87.8%	89.3%	88.7%	89.7%	88.7%	↓
Source: Missouri Department of Elementary and Secondary Education							

Strategic Priorities	Access, Opportunity, Equity	Current Trend					Progress
A	Four-Year Graduation Rate	2013	2014	2015	2016	2017	2016-2017
	All Students	85.7%	87.3%	87.8%	89.0%	88.3%	↓
	Asian or Pacific Islander	90.7%	90.3%	92.8%	92.4%	90.8%	↓
	Asian	91.2%	90.8%	93.8%			NA
	Native Hawaiian or Other Pacific Islander	81.9%	83.5%	82.5%			NA
	Black	72.1%	74.8%	75.6%	79.0%	75.9%	↓
	Hispanic of any race	80.7%	79.9%	83.6%	83.1%	84.4%	↑
	American Indian or Alaskan Native	82.0%	83.5%	85.8%	85.9%	83.8%	↓
	White	89.1%	90.4%	90.6%	91.6%	91.4%	↓
	Multi-Racial	84.3%	86.8%	86.4%	88.7%	89.0%	↑
	Free and Reduced Lunch	78.0%	80.4%	80.7%	82.1%	80.1%	↓
	English Language Learners (LEP/ELL)	68.9%	64.3%	71.4%	68.0%	67.0%	↓
Special Education Students	73.4%	75.3%	76.6%	77.5%	76.9%	↓	
Source: National Center for Education Statistics (NCES) https://nces.ed.gov/ccd/data_tables.asp Definitions Information about the Missouri Dropout Hotline can be found at http://dese.mo.gov/adult-learningrehab-services/adult-education-literacy/dropout-prevention-reporting .							

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Strategic Priorities	Access, Opportunity, Equity	Current Trend					Progress
A	Advanced Placement	2013	2014	2015	2016	2017	2016-2017
	Percent of Graduates taking AP Exams	15.8%	17.3%	18.4%	19.2%	20.2%	↑
	Percent of Graduates scoring a 3 or higher	9.5%	10.5%	10.9%	11.4%	12.2%	↑
Source: CollegeBoard							

Strategic Priorities	Access, Opportunity, Equity	Current Trend					Progress
A	Remediation Rates	2013	2014	2015	2016	2017	2016-2017
	All students	35.6%	30.8%	28.2%	26.8%	22.8%	↑
	Minority	51.6%	43.3%	36.9%	41.7%	37.7%	↑
Source: Missouri Department of Higher Education							
Note: see Frequently Asked Questions about remediation rate at https://dese.mo.gov/faqs/remediation%20rates .							

Strategic Priorities	Access, Opportunity, Equity	Current Trend			
A	Bachelor Degree Attainment	Within 4 years		Within 5 years	Within 6 years
	Class of 2010	29.5%		51.1%	58.4%
	Class of 2011	29.7%		51.9%	58.6%
	Class of 2012	29.7%		52.0%	
	Class of 2013	32.0%			
Source: Missouri Department of Higher Education					

Strategic Priorities	Access, Opportunity, Equity	Current Trend	
A	Associate Degree Attainment	Within 2 years	Within 3 years
	Class of 2010	8.1%	19.4%
	Class of 2011	8.9%	20.8%
	Class of 2012	10.4%	22.5%
	Class of 2013	10.4%	23.4%
	Class of 2014	11.7%	24.9%
Class of 2015	12.8%		
Source: Missouri Department of Higher Education			

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Strategic Priorities	Access, Opportunity, Equity	Current Trend					Progress
A	Number of children received developmental health screenings	FY14	FY15	FY16	FY17	FY18	% increase/decrease 2017-2018
	ECDA Funding (Parenting Education)	101,723	97,378	91,484	90,388		
	Number of families received parent education visits	FY14	FY15	FY16	FY17	FY18	% increase/decrease 2017-2018
	ECDA Funding (Parenting Education)	49,320	47,759	46,335	44,682		
	Number of high needs families received parent education visits	FY14	FY15	FY16	FY17	FY18	% increase/decrease 2017-2018
	ECDA Funding (Parenting Education)	33,186	32,594	31,654	29,443		
Source: Year End Report							

Strategic Priorities	Access, Opportunity, Equity	Current Trend					Progress
A	Percent of kindergartners attending full day programs	2013	2014	2015	2016	2017	2016-2017
	Full-day	96.1%	97.3%	98.9%	99.3%	99.3%	
Source: Missouri Department of Elementary and Secondary Education							

Strategic Priorities	Access, Opportunity, Equity	Current Trend					Progress
A	Pre-K Programs for 3-5 year olds	2013	2014	2015	2016	2017	2016-2017
	% of children served in Pre-K programs*	34.1%	34.5%	36.8%	34.7%	32.9%	
	Title I Preschool	12.2%	13.3%	14.7%	14.6%	13.3%	
	** Voluntary Pre-K-MO Preschool Program (MPP)	2.4%	2.6%	2.8%	1.7%^	1.8%	
	** Early Childhood Sp Ed	7.4%	7.5%	7.9%	8.2%	8.5%	
	** Head Start	12.0%	11.1%	11.4%	10.2%	9.2%	
Source: Missouri Department of Elementary and Secondary Education							
Source: Head Start Program Information Report.							
* Programs that meet state or national standards.							
** DESE-supported programs, Head Start, Voluntary Pre-K community-based partners meeting state or national standards.							
NOTE: There may be some duplication in count since a few children are served by more than one program.							
^ Reduction due to 116 programs no longer eligible for MPP funding.							
Denominator per new census data, for 2012-155,865 2013-153,231 2014- 151,512 2015 - 150,531 2016/2017 - 149,759							

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Strategic Priorities	Access, Opportunity, Equity	Current Trend					Progress
A	Infant-Toddler Programs (B-3)	2013	2014	2015	2016	2017	2016-2017
	% of children served in Infant-Toddler Programs*	3.7%	3.8%	4.1%	4.5%	4.9%	↑
	Early Head Start	1.5%	1.5%	1.7%	1.9%	2.0%	↑
	First Steps	2.2%	2.2%	2.4%	2.6%	2.9%	↑
Source: Missouri Department of Elementary and Secondary Education Source: Head Start Program Information Report * Programs that meet state or national standards. Denominator per new census data, for 2012-226,033 2013 -224,698 2014-224,731 2015 - 224,393 2016/2017 -224,469							

Strategic Priorities	Teachers and Leaders	Current Trend				
B	Teacher Certification	2014	2015	2016	2017	2018
	Courses Taught by Appropriately Certified Teachers*	95.8%	95.8%	95.6%	95.0%	
	Courses Taught by Teachers with a Temporary Certificate	0.8%	0.8%	0.9%	0.8%	
	Courses Taught by a Teacher Not Appropriately Certified	3.4%	3.4%	3.6%	4.2%	
Source: Missouri Department of Elementary and Secondary Education * Includes everything but temporary certificates.						

Strategic Priorities	Teachers and Leaders	Current Trend				Progress
B	Educator Preparation Programs	2015	2016	2017	2018	2016-2017
	The statewide pass rate (first two attempts) on exams required for educator licensure	91.5%	85.8%	89.8%		↑
	Percentage of first year teachers rating their preparation program as "good," or "very good"	83.0%	86.0%	85.0%		↓
	Percentage of principals of first year teachers rating the preparation program that the teacher completed as "good" or "very good"	80.0%	80.0%	79.0%		↓
Source: Educator Preparation Program - Annual Performance Report (APR) and Missouri's First Year Teacher Survey						

Success Ready Metrics

Strategic Priorities	Teachers and Leaders	Current Trend					Progress
B	District (LEA) Alignment to State's Essential Principles of Effective Evaluation (Teachers)	2014	2015	2016	2017	2018	2016-2017
	Principle 1: Performance of educators is measured against research-based, proven expectations consistent with the improvement of student achievement	79.0%	91.3%	97.3%	97.5%		↑
	Principle 2: Multiple ratings are used to differentiate levels of educator performance	76.3%	91.3%	96.5%	97.6%		↑
	Principle 3: A probationary period of adequate duration is provided to ensure sufficient induction and socialization through developmental support for new teachers and leaders	82.3%	91.7%	96.8%	97.1%		↑
	Principle 4: Measures of growth in student learning across two points in time are included as a significant contributing factor in the evaluation of professional practice	40.0%	52.3%	68.4%	84.4%		↑
	Principle 5: Ongoing, timely, deliberate and meaningful feedback is provided on performance relative to research-based targets	81.0%	90.4%	96.6%	97.3%		↑
	Principle 6: Standardized, periodic training is provided for evaluators to ensure reliability and accuracy	67.4%	82.9%	91.6%	92.1%		↑
	Principle 7: Evaluation results and data are used to inform decisions regarding personnel, employment determinations and human resource policies such as induction, retention, promotion, dismissal, tenure, compensation, completion of educator preparation programs, etc.	75.5%	89.0%	92.2%	96.1%		↑
Source: Core Data Screen 18A - Educator Evaluation (data as of 10/01/2017); N=561 districts/LEAs.							

Strategic Priorities	Teachers and Leaders	Current Trend					Progress
B	District (LEA) Alignment to State's Essential Principles of Effective Evaluation (Administrators)	2014	2015	2016	2017	2018	2016-2017
	Principle 1: Performance of educators is measured against research-based, proven expectations consistent with the improvement of student achievement	63.5%	79.7%	90.0%	91.0%		↑
	Principle 2: Multiple ratings are used to differentiate levels of educator performance	60.2%	79.0%	88.6%	90.7%		↑
	Principle 3: A probationary period of adequate duration is provided to ensure sufficient induction and socialization through developmental support for new teachers and leaders	61.0%	81.2%	89.0%	88.5%		↓
	Principle 4: Measures of growth in student learning across two points in time are included as a significant contributing factor in the evaluation of professional practice	33.8%	47.7%	60.9%	74.2%		↑
	Principle 5: Ongoing, timely, deliberate and meaningful feedback is provided on performance relative to research-based targets	65.0%	79.7%	89.9%	90.4%		↑
	Principle 6: Standardized, periodic training is provided for evaluators to ensure reliability and accuracy	56.5%	79.6%	89.9%	91.1%		↑
	Principle 7: Evaluation results and data are used to inform decisions regarding personnel, employment determinations and human resource policies such as induction, retention, promotion, dismissal, tenure, compensation, completion of educator preparation programs, etc.	62.5%	80.1%	87.7%	90.7%		↑
Source: Core Data Screen 18A - Educator Evaluation (data as of 10/01/2017); N=561 districts/LEAs.							