FOCUS ON SERIES: Missouri School Improvement Program (MSIP) and the Annual Performance Report (APR)

OCTOBER 2017

AGENDA

- > MSIP 5 and ESSA
- Digging Into MSIP 5
 - Comprehensive Guide to MSIP
 - Performance Workbook
 - MCDS Portal
 - Data Sources
 - District APR vs. Building Level APR
- > Sample Presentation
- > 2017 APR
- Where We Are Heading Next- MSIP 6
- > Q & A

INTRODUCTIONS

- ➤ Presenters

 Trish Adkins Waynesville R-VI School District

 Craig Carson Ozark R-VI School District

 Craig Hounsom Rolla 31 School District
- **➤** Participants

Name

Position

District Name and District Size

Experience working with APR

MSIP 5 AND ESSA

- MSIP 5= State Accountability and Accreditation System
- ESSA= Federal Accountability

Similarities

- > Testing Requirements
 - Grade Levels Tested
 - > Alternate Test Participation
- Follow-Up Reporting

Differences

Sub-Group Reporting

MSIP 5 STANDARDS: K-12 DISTRICTS

	Points Possible
Standard 1: Academic Achievement	56
Standard 2: Sub-Group Achievement	14
Standard 3: College and Career Readiness	30
Standard 4: Attendance	10
Standard 5: Graduation Rate	30

< 70 points (0% - 49.9%) = Unaccredited

70 - 97 points (50% - 69.9%) = Provisional

98 - 140 points (70% - 100%) = Accredited

MSIP 5 STANDARDS: K - 8 DISTRICTS

	Points Possible
Standard 1: Academic Achievement	48
Standard 2: Sub-Group Achievement	12
Standard 3: High School Readiness	10
Standard 4: Attendance	10

< 40 points (0% - 49.9%) = Unaccredited

40 - 55 points (50% - 69.9%) = Provisional

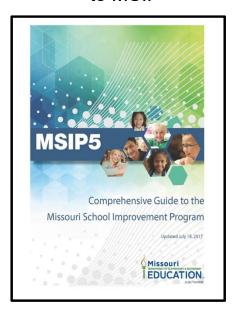
56 - 80 points (70% - 100%) = Accredited

MSIP 5 Point Structure

Performance Standard 1 Academic Achievement	English Language Arts	Mathematics	Science	Social Studies
Points Possible	16	16	16	8
Performance Standard 2 Subgroup Achievement	English Language Arts	Mathematics	Science	Social Studies
Points Possible	4	4	4	2
Performance Standard 3 (K-12 Districts) College & Career Readiness	Indicators*1-3	Indicator*4	Indicators	*5-6
Points Possible	10	10	10	
Performance Standard 3 (K-8 Districts) High School Readiness				
Points Possible	10			
Performance Standard 4 Attendance				
Points Possible	10			
Performance Standard 5 Graduation				
Points Possible	30			

ANNUAL PERFORMANCE REPORT TOOLS

Comprehensive Guide to MSIP



Performance Workbook



MCDS Portal



STANDARD 1: ACADEMIC ACHIEVEMENT

- Required Tests
 - ➤ Grades 3-8: ELA and Math (Includes Algebra 1 for students taking Algebra prior to high school)
 - Grades 5 & 8: Science
 - > High School: English II, Algebra 1 (Algebra II for students who took Algebra I EOC prior to HS), Government, Biology
 - Optional EOCs are not included in the APR calculations
- **➤** Supporting Data
- ➤ Map Performance Index- MPI
- Comprehensive Guide

MSIP 5 TERMS

- MPI: MAP Performance Index
- Status: Three year MPI average.
- > Levels:
 - > 2020 Target
 - > On-Track
 - Approaching
 - > Floor
- Progress: Improvement of MPI over time.
- Rolling Average: MPI Year 1/Year 2 avg. VS. MPI Year 2/Year 3 avg.
- Growth: Individual student gains over time.

Standard 1: Academic Achievement

1. Academic Achievement	Points Poss.	Points Earned	Percent Earned	Metric			2014			2015			2016	
English Language Arts						% Prof or Adv	MPI	NCE Score	% Prof or Adv	MPI	NCE Score	% Prof or Adv	MPI	NCE Score
Status	16.0	9.0		366.8	Approaching	54.2%	363.9	57.5	65.5%	368.8	63.7	69.4%	367.8	63.4
Progress	12.0	6.0		2.9	On Track	Prior	2 Yr N	CE Avg =	60.6		Current	2 Yr NCE Av	g = 63.	5
Growth	12.0	12.0		50.3/S	Exceeding									
Total Points Earned - 2016 (Status + Progress or Growth)	16.0	16.0	100.0%	3	3 Yr Progress = Aver	rage(Current	NCE an	d Year 2	NCE) - Aver	rage(Ye	ar 2 NCE	and Year 3	NCE)	
Total Points Earned - 2015	16.0	16.0	100.0%											
				2014 2015 2016										
Mathematics						% Prof or Adv NCE % Prof or Adv				MPI	NCE Score	% Prof or Adv	MPI	NCE Score
Status	16.0	9.0		342.8	Approaching	54.5%	359.5	57.3	48.1%	329.3	61.5	51.4%	339.6	59.7
Progress	12.0	3.0		1.2	Approaching	Prior	2 Yr N	CE Avg =	59.4		Current	2 Yr NCE Av	g = 60.6	3
Growth	12.0	12.0		50.8 / S Exceeding										
Total Points Earned - 2016 (Status + Progress or Growth)	16.0	16.0	100.0%	3	3 Yr Progress = Aver	age(Current	NCE an	d Year 2	NCE) - Aver	rage(Ye	ar 2 NCE	and Year 3	NCE)	
Total Points Earned - 2015	16.0	16.0	100.0%											
							2014			2015			2016	
Science						% Prof or Adv	N	IPI	% Prof or Adv	M	IPI	% Prof or Adv	N	IPI
Status	16.0	16.0		355.1	2020 Target	47.8%	34	5.5	61.1%	36	7.3	55.5%	35	2.4
Progress	12.0	6.0		3.5	On Track	Prior	2 Yr Mi	PI Avg =	356.4		Current	2 Yr MPI Avg	j = 359 .	9
Total Points Earned (Status + Progress)	16.0	16.0	100.0%		3 Yr Progress = Ave	erage(Curren	nt MPI ar	nd Year :	2 MPI) - Aver	rage(Ye	ar 2 MPI	and Year 31	MPI)	
							2014			2015			2016	
Social Studies											% Prof or Adv	N	IPI	
Status	8.0	8.0		386.6 2020 Target 68.4% 382.0 75.1% 395.6 67.2% 382.0						2.1				
Progress	6.0	0.0		0.1	Floor	Prior	2 Yr Mi	PI Avg =	388.8		Current	2 Yr MPI Avç	g = 388.	9
Total Points Earned (Status + Progress)	8.0	8.0	100.0%		3 Yr Progress = Ave	erage(Curren	nt MPI ar	nd Year :	2 MPI) - Aver	rage(Ye	ar 2 MPI	and Year 31	MPI)	

MPI- MAP PERFORMANCE INDEX- DISTRICT LEVEL

MPI Formula (A*5+P*4+B*3+BB)/Total Reportable Students*100

Level	Reportable Students	Possible Points	Points Generated	% of Students
Advanced	600	5	3000	25%
Proficient	600	4	2400	25%
Basic	600	3	1800	25%
Below Basic	600	1	600	25%
Total	2400		7800	MPI
		Prof/Adv:	50%	325

Level	Reportable Students	Possible Points	Points Generated	% of Students
Advanced	557	5	2785	23%
Proficient	1015	4	4060	42%
Basic	589	3	1767	25%
Below Basic	239	1	239	10%
Total	2400		8851	MPI
		Prof/Adv:	66%	368.8

Level	Reportable Students	Possible Points	Points Generated	% of Students
Advanced	1200	5	6000	50%
Proficient	0	4	0	0%
Basic	1200	3	3600	50%
Below Basic	0	1	0	0%
Total	2400		9600	MPI
•		Prof/Adv:	50%	400

Level	Reportable Students	Possible Points	Points Generated	% of Students
Advanced	657	5	3285	27%
Proficient	885	4	3540	37%
Basic	799	3	2397	33%
Below Basic	59	1	59	2%
Total	2400		9281	MPI
		Prof/Adv:	64%	386.7

Standard 1: Academic Achievement

1. Academic Achievement	Points Poss.	Points Earned	Percent Earned	Metric			2014			2015			2016	
English Language Arts						% Prof or Adv	MPI	NCE Score	% Prof or Adv	MPI	NCE Score	% Prof or Adv	MPI	NCE Score
Status	16.0	9.0		366.8	Approaching	54.2%	363.9	57.5	65.5%	368.8	63.7	69.4%	367.8	63.4
Progress	12.0	6.0		2.9	On Track	Prior	2 Yr N	CE Avg =	60.6		Current	2 Yr NCE Av	g = 63.	5
Growth	12.0	12.0		50.3/S	Exceeding									
Total Points Earned - 2016 (Status + Progress or Growth)	16.0	16.0	100.0%	3	3 Yr Progress = Aver	rage(Current	NCE an	d Year 2	NCE) - Aver	rage(Ye	ar 2 NCE	and Year 3	NCE)	
Total Points Earned - 2015	16.0	16.0	100.0%											
				2014 2015 2016										
Mathematics						% Prof or Adv NCE % Prof or Adv				MPI	NCE Score	% Prof or Adv	MPI	NCE Score
Status	16.0	9.0		342.8	Approaching	54.5%	359.5	57.3	48.1%	329.3	61.5	51.4%	339.6	59.7
Progress	12.0	3.0		1.2	Approaching	Prior	2 Yr N	CE Avg =	59.4		Current	2 Yr NCE Av	g = 60.6	3
Growth	12.0	12.0		50.8 / S Exceeding										
Total Points Earned - 2016 (Status + Progress or Growth)	16.0	16.0	100.0%	3	3 Yr Progress = Aver	age(Current	NCE an	d Year 2	NCE) - Aver	rage(Ye	ar 2 NCE	and Year 3	NCE)	
Total Points Earned - 2015	16.0	16.0	100.0%											
							2014			2015			2016	
Science						% Prof or Adv	N	IPI	% Prof or Adv	M	IPI	% Prof or Adv	N	IPI
Status	16.0	16.0		355.1	2020 Target	47.8%	34	5.5	61.1%	36	7.3	55.5%	35	2.4
Progress	12.0	6.0		3.5	On Track	Prior	2 Yr Mi	PI Avg =	356.4		Current	2 Yr MPI Avg	j = 359 .	9
Total Points Earned (Status + Progress)	16.0	16.0	100.0%		3 Yr Progress = Ave	erage(Curren	nt MPI ar	nd Year :	2 MPI) - Aver	rage(Ye	ar 2 MPI	and Year 31	MPI)	
							2014			2015			2016	
Social Studies											% Prof or Adv	N	IPI	
Status	8.0	8.0		386.6 2020 Target 68.4% 382.0 75.1% 395.6 67.2% 382.0						2.1				
Progress	6.0	0.0		0.1	Floor	Prior	2 Yr Mi	PI Avg =	388.8		Current	2 Yr MPI Avç	g = 388.	9
Total Points Earned (Status + Progress)	8.0	8.0	100.0%		3 Yr Progress = Ave	erage(Curren	nt MPI ar	nd Year :	2 MPI) - Aver	rage(Ye	ar 2 MPI	and Year 31	MPI)	

STANDARD 1: ACADEMIC ACHIEVEMENT

MSIP 5 Performance Standard 1: Academic Achievement

Academic Achievement — The district administers assessments required by the Missouri Assessment Program (MAP) to measure academic achievement and demonstrates improvement in the performance of its students over time.

- Student performance on assessments required by the MAP meets or exceeds the state standard or demonstrates improvement in performance over time.
- The percent of students tested on each required MAP assessment meets or exceeds the state standard.
- 3. Growth data indicate that students meet or exceed growth expectations.

STANDARD 1*1 MAP ACADEMIC ACHIEVEMENT English Language Arts

	STATUS			PROGRESS			GROWTH	
Status Measures	Status Points Earned	MPI Score (3-Year Average)	Progress Measures	Points I Measure I		Growth Measures	Growth Points Earned	Growth Measure Description
2020 Target	16	385.7 - 500	Exceeding	12 5% of NCE Gap increase		Exceeding	12	a statistically significant score>50
On Track	12	370.2 - 385.6	On Track	6	3% of NCE Gap increase			not statistically
Approaching	9	300.0 - 370.1	Approaching	3	1% of NCE Gap increase	On Track	6	significant growth estimates
Floor	0	100.0 - 299.9	Floor	0	<1% of NCE Gap increase	Floor	0	a statistically significant score < 50

Level Not Determined (LND): Zero (0) points will be awarded for data when the LND is exceeded.

Academic Achievement Total: Status + Progress OR Growth (whichever is higher).

A maximum of 16 points may be applied to the LEA or school level score.

Status targets change annually. See the Top 10 by 20 Projected Status Targets in the Appendix.

Standard 1: Academic Achievement Safe Harbor

1. Academic Achievement	Points Poss.	Points Earned	Percent Earned	Metric			2014			2015			2016	
English Language Arts						% Prof or Adv	MPI	NCE Score	% Prof or Adv	MPI	NCE Score	% Prof or Adv	MPI	NCE Score
Status	16.0	9.0		353.3	Approaching	57.1%	362.5	56.3	60.2%	347.0	51	64.3%	350.5	53.3
Progress	12.0	0.0		-1.5	Floor	Prior	2 Yr N	CE Avg =	53.7		Current	2 Yr NCE Av	vg = 52.	2
Growth	12.0	6.0		50.0 / N	On Track									
Total Points Earned - 2016 (Status + Progress or Growth)	16.0	15.0	93.8%	3	Yr Progress = Aver	age(Current	NCE an	d Year 2	NCE) - Ave	rage(Ye	ar 2 NCE	and Year 3	NCE)	
Total Points Earned - 2014	16.0	16.0	100.0%											
							2014			2015			2016	
Mathematics						% Prof or Adv	MPI	NCE Score	% Prof or Adv	MPI	NCE Score	% Prof or Adv	MPI	NCE Score
Status	16.0	9.0		332.3	Approaching	55.6%	360.4	58	45.5%	311.5	52.8	48.1%	325.0	52
Progress	12.0	0.0		-3.0 Floor Prior 2 Yr NCE Avg = 55.4 Current 2 Yr NCE Avg = 52.4							4			
Growth	12.0	0.0		49.0 / S Floor										
Total Points Earned - 2016 (Status + Progress or Growth)	16.0	9.0	56.3%	3 Yr Progress = Average(Current NCE and Year 2 NCE) - Average(Year 2 NCE and Year 3 NCE)										
Total Points Earned - 2014	16.0	16.0	100.0%											
							2014			2015			2016	
Science						% Prof or Adv	ħ	1PI	% Prof or Adv	N	/PI	% Prof or Adv	ħ	/PI
Status	16.0	16.0		363.9	2020 Target	64.1%	37	71.8	62.2%	36	35.5	57.0%	35	54.5
Progress	12.0	0.0		-8.7	Floor	Prior	2 Yr Mi	PI Avg =	368.7		Current	2 Yr MPI Av	g = 360.	0
Total Points Earned (Status + Progress)	16.0	16.0	100.0%		3 Yr Progress = Ave	erage(Currer	nt MPI a	nd Year	2 MPI) - Ave	rage(Ye	ar 2 MPI	and Year 31	MPI)	
							2014			2015			2016	
Social Studies				% Prof or MPI % Prof or MPI % Prof or MP Adv Adv Adv							IPI			
Status	8.0	8.0		384.1	2020 Target	70.7%	38	30.3	72.2%	38	39.4	69.6%	38	32.5
Progress	6.0	1.5		1.1 Approaching Prior 2 Yr MPI Avg = 384.9 Current 2 Yr MPI Avg = 386.0										
Total Points Earned (Status + Progress)	8.0	8.0	100.0%	3 Yr Progress = Average(Current MPI and Year 2 MPI) - Average(Year 2 MPI and Year 3 MPI)										

STANDARD 2: SUBGROUP ACHIEVEMENT

Super Sub-group

- > There are 5 Subgroups who have traditionally performed below the state & demonstrate a gap in performance.
 - Black, Hispanic, low income students, students with disabilities, & English language learners
- A student in 1 or more subgroups is included as a single count in the super subgroup category (unduplicated count).

Required Tests

- Grades 3-8: ELA and Math (Includes Algebra 1 for students taking Algebra prior to high school)
- Grades 5 & 8: Science
- High School: English II, Algebra 1 (Algebra II for students who took Algebra I EOC prior to HS), Government, Biology
 - Optional EOCs are not included in the APR calculations

Comprehensive Guide

> Contains examples, definitions, and exemptions for subgroup achievement

STANDARD 2: SUBGROUP ACHIEVEMENT

2. Subgroup Achievement	Points Poss.	Points Earned	Percent Earned	Metric			2014			2015			2016	_
English Language Arts						% Prof or Adv	MPI	NCE Score	% Prof or Adv	MPI	NCE Score	% Prof or Adv	MPI	NCE Score
Status	4.0	2.0		348.0	Approaching	45.9%	348.4	61.9	56.8%	347.3	67.1	61.6%	348.3	68.1
Progress	3.0	2.0		3.1	On Track	Prio	r 2 Yr NC	E Avg =	84.5		Current:	2 Yr NCE Av	ig = 67.	6
Growth	3.0	0.0		48.5 / S	Floor									
Total Points Earned - 2016 (Status + Progress or Growth)	4.0	4.0	100.0%	3	Yr Progress = Aver	rage(Current	NCE and	d Year 2 N	NCE) - Aver	rage(Ye	ar 2 NCE	and Year 3	NCE)	
Total Points Earned - 2015	4.0	4.0	100.0%											
							2014			2015			2016	
Mathematics				Adv Score or Adv Score Adv						MPI	NCE Score			
Status	4.0	2.0		322.8	Approaching	46.1%	344.2	60.5	39.6%	305.8	63.4	43.2%	318.4	62.6
Progress	3.0	1.0		1.0 Approaching Prior 2 Yr NCE Avg = 62.0 Current 2 Yr NCE Avg = 63.0								0		
Growth	3.0	0.0		48.7 / S	Floor									
Total Points Earned - 2016 (Status + Progress or Growth)	4.0	3.0	75.0%	3	Yr Progress = Aver	rage(Current	NCE and	d Year 2 N	NCE) - Aver	rage(Ye	ar 2 NCE	and Year 3	NCE)	
Total Points Earned - 2015	4.0	3.0	75.0%											
							2014			2015			2016	
Science						% Prof or Adv	N	IPI	% Prof or Adv	N	MPI	% Prof or Adv	N	1PI
Status	4.0	3.0		335.6	On Track	42.1%	33	2.6	50.7%	34	13.7	45.2%	33	30.5
Progress	3.0	0.0		-1.1	Floor	Prio	r 2 Yr MF	PI Avg = 3	38.2		Current 2	2 Yr MPI Avg	g = 337.	1
Total Points Earned (Status + Progress)	4.0	3.0	75.0%		3 Yr Progress = Av	erage(Curre	nt MPI an	nd Year 2	MPI) - Aver	rage(Ye	ar 2 MPI	and Year 3 M	MPI)	
							2014			2015			2016	
Social Studies						% Prof or Adv	N	IPI	% Prof or Adv	N	MPI	% Prof or Adv	N	/PI
Status	2.0	1.5		368.5	On Track	60.5%	36	3.7	70.4%	38	31.0	58.2%	36	80.8
Progress	1.5	0.0		-1.5 Floor Prior 2 Yr MPI Avg = 372.4 Current 2 Yr MPI Avg = 370.9										
Total Points Earned (Status + Progress)	2.0	1.5	75.0%		3 Yr Progress = Av	erage(Curre	nt MPI an	nd Year 2	MPI) - Aver	rage(Ye	ar 2 MPI	and Year 3 M	MPI)	

STANDARD 2: SUBGROUP ACHIEVEMENT

MSIP 5 Performance Standard 2: Subgroup Achievement

Subgroup Achievement — The district demonstrates required improvement in student performance for its subgroups.

 The performance of students identified on each assessment in identified subgroups, including free/reduced price lunch, racial/ethnic background, English language learners, and students with disabilities, meets or exceeds the state standard or demonstrates required improvement.

STANDARD 2*1 MAP SUBGROUP ACHIEVEMENT English Language Arts

	STATUS			PROGRESS			GROWTH				
Status Measures	Status Points Earned	MPI Score (3-Year Average)	Progress Measures	Progress Points Earned	Progress Measure Description	Growth Measures	Growth Points Earned	Growth Measure Description			
2020 Target	4	385.7 - 500	Exceeding	3	5% of NCE Gap increase	Exceeding	3	a statistically significant score>50			
On Track	3	351.5 - 385.6	On Track	2	3% of NCE Gap increase			not statistically			
Approaching	2	300.0 - 351.4	Approachin g	1	1% of NCE Gap increase	On Track	2	significant growth estimates			
Floor	0	100.0 - 299.9	Floor	0	<1% of NCE Gap increase	Floor	0	a statistically significant score < 50			

Level Not Determined (LND): Zero (0) points will be awarded for data when the LND is exceeded.

Academic Achievement Total: Status + Progress OR Growth (whichever is higher).

A maximum of four points may be applied to the LEA or school level score.

Status targets change annually. See the Top 10 by 20 Projected Status Targets in the Appendix.

STANDARD 2: SUBGROUP ACHIEVEMENT PERFORMANCE INDICATORS

Annual Performance Indicators by Grade Span										
Grade Spans	ELA % Prof/Adv	Math % Prof/Adv	Science % Prof/Adv	Soc Studies % Prof/Adv	Attendance Rate					
03-05 (Elem)	71.6	57.8	38.5		94.7					
06-08 (Mid)	62.2	36.6	58.1		92.9					
09-12 (High)	83.8	67.0	72.6	67.2	86.6					

			Annual	Performance In	ndicators by S	ubgroup					
Subgroups	ELA % Prof/Adv					Soc Studies % Prof/Adv	\$3 1-3 % Earned	\$3.4 % Earned	\$3 5-6 % Earned	Attendance % Earned	Graduation % Earned
Asian	67.3	59.7	49.0					92.9			
Black	56.9	35.7	39.1	51.1	54.3	40.4	95.3	92.1	93.3		
Hispanic	72.5	54.3	51.4		69.3	49.3	88.6	91.4	94.4		
Indian		48.4						82.1			
Multiracial	73.9	56.4	50.0					91.8			
White	72.0	54.2	63.8	75.5	75.6	56.5	89.1	90.8	93.3		
IEP	39.8	24.2	19.3	25.0	27.8	8.9	78.0	86.6	85.7		
ELL	57.7	43.1	27.2	1111				92.8			
FRL	61.3	42.4	44.6	55.7	58.6	39.7	80.2	88.4	91.8		
Total	69.4	51.4	55.5	67.2	69.5	52.9	90.0	91.2	93.9		

A

- Performance at or above the 90th percentile.

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Performance at or below the 10th percentile.

STANDARD 3: COLLEGE AND CAREER READINESS

- > CCR 3. 1-3: ACT, SAT, ASVAB, COMPASS, WorkKeys
- > CCR 3.4- AP, IB, Dual-Credit, Dual Enrollment, PLTW, IRC
- CCR 3.5-6: Post-Secondary Follow-Up

STANDARD 3: COLLEGE AND CAREER READINESS

3. College and Career Ready	Points Poss.	Points Earned	Percent Earned	Pct.			2014			2015			2016	
*1-3 CCR Assessments						% at or Abv State Standard	# at or Abv State Standard	Number of Graduates		# at or Abv State Standard	Number of Graduates	% at or Abv State Standard	# at or Abv State Standard	Number of Graduates
Status	10.0	7.5		67.7%	On Track	65.7%	266.25	405	67.8%	236.50	349	69.5%	272.25	392
Progress	7.5	2.0		1.9%	1.9% Approaching Prior 2 Yr Avg = 66.8% Current 2 Yr Avg = 68.7%					6				
Total Points Earned (Status + Progress)	10.0	9.5	95.0%		For details on progress please reference the MSIP5 Comprehensive Guide to Missouri School Improvement Program.					r				
*4 Advanced Placement						% at or Abv State Standard	# at or Abv State Standard	Number of Graduates		# at or Abv State Standard	Number of Graduates	% at or Abv State Standard	# at or Abv State Standard	Number of Graduates
Status	10.0	10.0		49.5%	2020 Target	46.4%	187.75	405	49.2%	171.75	349	52.9%	207.50	392
Progress	7.5	2.0		3.3%	Approaching		Prior 2 Yr A	Avg = 47.8%				Current 2 Yr	Avg = 51.1%	,
CTE Expansion *	0.0	0.0												
Total Points Earned (Status + Progress)	10.0	10.0	100.0%		For details on	progress plea	ase reference	e the MSIP5 (Comprehensi	ve Guide to I	Missouri Scho	ool Improvem	nent Program	L.
*5-6 Postsecondary Placement						% Earning Qualifying Score		Number of Graduates						
Status	10.0	7.5		88.1%	On Track	88.2%	365	414	86.2%	349	405	90.0%	314	349
Progress	7.5	2.0		0.9% Approaching Prior 2 Yr Avg = 87.2% Current 2 Yr Avg = 88.1%										
Total Points Earned (Status + Progress)	10.0	9.5	95.0%		3 Yr Progress = Average(Current Pct and Year 2 Pct) - Average(Year 2 Pct and Year 3 Pct)					·				

STANDARD 3: COLLEGE AND CAREER READINESS CCR 1-3: ACT, SAT, ASVAB, COMPASS, WorkKeys

STANDARD 3*1-3 COLLEGE AND CAREER READINESS

	STATUS			PROGRESS	
Status Measures	Status Points Earned	Percent of Graduates Scoring At or Above the State Standard	Progress Measures	Progress Points Earned	Progress Measure Description
2020 Target	10	71.5 - 100%	Exceeding	7.5	25% of CCR*1-3 Gap increase
On Track	7.5	67.2 - 71.4%	On Track	4	15% of CCR*1-3 Gap increase
Approaching	6	40.0 - 67.1%	Approaching	2	5% of CCR*1-3 Gap increase
Floor	0	0.0 - 39.9%	Floor	0	<5% of CCR*1-3 Gap increase

CCR*1-3 Total: Status + Progress

A maximum of ten points may be applied to the LEA or school level score.

Status targets change annually. See the Top 10 by 20 Projected Status Targets in the Appendix.

STANDARD 3: COLLEGE AND CAREER READINESS CCR 3.1-3: ACT, SAT, ASVAB, COMPASS, WorkKeys

Student Weight	ACT®	SAT®	SAT®	COMPASS®	ASVAB	ACT WorkKeys®
	Composite Score	Critical Reading + SAT® Math*	<i>New SAT</i> ® March 2016	Algebra + Reading	Armed Forces Qualification Test Score	Reading for Information, Applied Mathematics, and Locating Information
0	No record of participation	No record of participation	No record of participation	No record of participation	No record of participation	No record of participation
0.25	< 18	< 870	< 940	Algebra < 66 and Reading < 81	< 30	Bronze (3) or below
0.75	18 - 21	870 - 980	940-1090	Algebra ≥ 66 OR Reading ≥ 81	30 - 62	Silver (4)
1	22 - 25	990 - 1180	1100-1230	Algebra ≥ 66 AND Reading ≥ 81	63 - 87	Gold (5)
1.25	26 - 36	1190 - 1600	1240-1600	N/A	88 - 99	Platinum (6)

STANDARD 3: COLLEGE AND CAREER READINESS CCR 3.4- AP, IB, Dual-Credit, Dual Enrollment, PLTW, IRC

	STATUS		PROGRESS			
Status Measures	Status Points Earned	Percent of Graduates Earning a Qualifying Score	Progress Measures	Progress Points Earned	Progress Measure Description	
2020 Target	10	47.8 - 100%	Exceeding	7.5	25% of CCR*4 Gap increase	
On Track	7.5	43.9 - 47.7%	On Track	4	15% of CCR*4 Gap increase	
Approaching	6	5.0 - 43.8%	Approaching	2	5% of CCR*4 Gap increase	

Floor

<5% of CCR*4

Gap increase

0

CCR*4 Total: Status + Progress

Floor

A maximum of ten points may be applied to the LEA or school level score.

STANDARD 3*4 COLLEGE AND CAREER READINESS

0

Status targets change annually. See the Top 10 by 20 Projected Status Targets in the Appendix.

0.0 - 4.9%

STANDARD 3: COLLEGE AND CAREER READINESS CCR 3.4- AP, IB, Dual-Credit, Dual Enrollment, PLTW, IRC

Student Weight	AP	IB	PLTW	IRC	Dual Credit or Dual Enrollment
0	No record of participation or earn <b< td=""><td>No record of participation or earn <b< td=""><td>No record of participation or score<6</td><td>No record of participation or Score < proficient</td><td>No record of participation or earn <b< td=""></b<></td></b<></td></b<>	No record of participation or earn <b< td=""><td>No record of participation or score<6</td><td>No record of participation or Score < proficient</td><td>No record of participation or earn <b< td=""></b<></td></b<>	No record of participation or score<6	No record of participation or Score < proficient	No record of participation or earn <b< td=""></b<>
1	Earn "B" or greater in department approved AP Course	Earn "B" or greater in department approved IB Course	Exam score of ≥ 6 on approved PLTW	Earn an IRC	Earn "B" or greater in department approved dual credit course or dual enrollment course
1.25	Exam score of ≥3	Exam score of ≥ 4	N/A	N/A	N/A

STANDARD 3: COLLEGE AND CAREER READINESS CCR 3.5-6: Post-Secondary Follow-Up

STANDARD 3*5-6 COLLEGE AND CAREER READINESS

	STATUS		PROGRESS				
Status Measures	Status Points Earned	Percent of Post-secondary Placement	Progress Measures	Progress Points Earned	Progress Measure Description		
2020 Target	10	90.0 - 100%	Exceeding	7.5	25% of CCR*5-6 Gap increase		
On Track	7.5	80.0 - 89.9%	On Track	4	15% of CCR*5-6 Gap increase		
Approaching	6	70.0 - 79.9%	Approaching	2	5% of CCR*5-6 Gap increase		
Floor	0	0.0 - 69.9%	Floor	0	<5% of CCR*5-6 Gap increase		

CCR*5-6 Total: Status + Progress

A maximum of ten points may be applied to the LEA or school level score.

*This is a lagged indicator representing graduates from the preceding year(s).

Status targets change annually. See the Top 10 by 20 Projected Status Targets in the Appendix.

STANDARD 3: COLLEGE AND CAREER READINESS CCR 3.5-6: Post-Secondary Follow-Up

College and Career Readiness (K-12 Districts) — The district provides adequate postsecondary preparation for all students.

- The percent of graduates who attend post-secondary education/training or are in the military within six (6) months of graduating meets the state standard or demonstrates required improvement.
- The percent of graduates who complete career education programs approved by DESE and are
 placed in occupations directly related to their training, continue their education, or are in the
 military within six (6) months of graduating meets the state standard or demonstrates
 required improvement.

STANDARD 3: HIGH SCHOOL READINESS (K-8 Districts)

STANDARD 3 HIGH SCHOOL READINESS (HSR)

	STATUS		PROGRESS				
Status Measures	I SCHOOL I		Progress Measures	Progress Points Earned	Progress Measure Description		
2020 Target	10	25.0 - 100	Exceeding	7.5	25% of HSR Gap increase		
On Track	7.5	19.0 - 24.9	On Track	4	15% of HSR Gap increase		
Approaching	6	12.0 - 18.9	Approaching	2	5% of HSR Gap increase		
Floor	0	0.0 - 11.9	Floor	0	<5% of HSR Gap increase		

HSR Total: Status + Progress

A maximum of ten points may be applied to the LEA or school level score.

Status targets change annually. See the Top 10 by 20 Projected Status Targets in the Appendix.

STANDARD 4: ATTENDANCE

4. Attendance	Points Poss.	Points Earned	Percent Earned	Pct.			2014			2015			2016	
Attendance						Pct Above 90%	Num. Above 90%	Num. Attend.	Pct Above 90%	Num. Above 90%	Num. Attend.	Pct Above 90%	Num. Above 90%	Num. Attend.
Status	10.0	10.0		90.2%	2020 Target	89.4%	5252.8066	5875.3246	90.0%	5177.6718	5753.1432	91.2%	5235.4512	5740.9044
Progress	7.5	0.0		0.9%	Floor		Prior 2 Yr /	lvg = 89.7%				Current 2 Yr	Avg = 90.6%	
Total Points Earned (Status + Progress)	10.0	10.0	100.0%		3 Yr Progress = Average(Current Pct and Year 2 Pct) - Average(Year 2 Pct and Year 3 Pct)									

STANDARD 4	STANDARD 4 ATTENDANCE										
	STATUS			PROGRESS	e.						
Status Measures	Status Points Earned	Percent of Students Attending 90% of Time	Progress Measures	Progress Measure Description							
2020 Target	10	90.0 - 100	Exceeding	7.5	3% increase						
On Track	7.5	85.0 - 89.9	On Track	4	2% increase						
Approaching	6	80.0 - 84.9	Approaching	2	1% increase						
Floor	0	0.0 - 79.9	Floor	0	<1% increase						

Attendance Total: Status + Progress A maximum of ten points may be applied to the LEA or school level score.

Status targets change annually. See the Top 10 by 20 Projected Status Targets in the Appendix.

STANDARD 5: GRADUATION RATE

5. Graduation Rate	Points Poss.	Points Earned	Percent Earned	Pct.			2014			2015			2016	
Four-Year Graduation Rate						4-Yr Rate	4-Yr Grads	4-Yr Adj. Cohort	4-Yr Rate	4-Yr Grads	4-Yr Adj. Cohort	4-Yr Rate	4-Yr Grads	4-Yr Adj. Cohort
Status	30.0	22.5		91.5%	On Track	90.1%	372	413	90.5%	343	379	93.9%	367	391
Progress	22.5	6.0		1.9%	Approaching		Prior 2 Yr /	vg = 90.3%				Current 2 Yr A	Avg = 92.2	%
Total Points Earned* (Status + Progress)	30.0	28.5	95.0%		3 Yr Pi	rogress = Av	erage(Curre	nt Pct and Y	ear 2 Pct) - A	verage(Ye	ear 2 Pct an	d Year 3 Pct))	
	Points Poss.	Points Earned	Percent Earned	Pct.						2015			2016	
Five-Year Graduation Rate						5-Yr Rate	5-Yr Grads	5-Yr Adj. Cohort	5-Yr Rate	5-Yr Grads	5-Yr Adj. Cohort	5-Yr Rate	5-Yr Grads	5-Yr Adj. Cohort
Status	30.0	30.0		93.3%	2020 Target	90.8%	425	468	92.7%	383	413	96.3%	361	375
Progress	22.5	12.0		2.7%	2.7% On Track Prior 2 Yr Avg = 91.8%					(Current 2 Yr Avg = 94.5%			
Total Points Earned* (Status + Progress)	30.0	30.0	100.0%	3 Yr Progress = Average(Current Pct and Year 2 Pct) - Average(Year 2 Pct and Year 3 Pct)										
	Points Poss.	Points Earned	Percent Earned	Pct.			2014			2015		2016		
Six-Year Graduation Rate						6-Yr Rate	6-Yr Grads	6-Yr Adj. Cohort	6-Yr Rate	6-Yr Grads	6-Yr Adj. Cohort	6-Yr Rate	6-Yr Grads	6-Yr Adj. Cohort
Status	30.0	22.5		90.1%	On Track	86.5%	404	467	90.9%	429	472	93.0%	384	413
Progress	22.5	22.5		3.3%	Exceeding		Prior 2 Yr /	Avg = 88.7%				Current 2 Yr /	Avg = 92.0	%
Total Points Earned* (Status + Progress)	30.0	30.0	100.0%		3 Yr Pi	rogress = Av	erage(Curre	nt Pct and Y	ear 2 Pct) - A	lverage(Ye	ear 2 Pct an	d Year 3 Pct)	
	Points Poss.	Points Earned	Percent Earned	Pct.			2014			2015			2016	
Seven-Year Graduation Rate						7-Yr Rate	7-Yr Grads	7-Yr Adj. Cohort	7-Yr Rate	7-Yr Grads	7-Yr Adj. Cohort	7-Yr Rate	7-Yr Grads	7-Yr Adj. Cohort
Status	30.0	22.5		89.2%	On Track	90.1%	384	426	86.7%	404	466	90.9%	429	472
Progress	22.5	0.0		0.4% Floor Prior 2 Yr Avg = 88.4% Current 2 Yr Avg = 88.8%					%					
Total Points Earned* (Status + Progress)	30.0	22.5	75.0%		3 Yr Progress = Average(Current Pct and Year 2 Pct) - Average(Year 2 Pct and Year 3 Pct)									

Total Points Earned: Total points earned is a calculation of status and progress or status and growth, and not to exceed the total status points possible.

STANDARD 5: GRADUATION RATE

▶ 4-yr, 5-yr, 6-yr, 7-yr Rates

STAND	ΔRD	5	CR		TION	$\mathbf{R}\mathbf{\Delta}$	TE
JIMND	$\mathbf{A}\mathbf{N}\mathbf{D}$		urv	1000			

	STATUS			PRO	OGRESS
Status Measures	Status Points Earned	Four-, Five-, Six-, or Seven- Year Rate	Progress Measures	Progress Points Earned	Progress Measure Description
2020 Target	30	92.0 - 100	Exceeding	22.5	If Status = Floor, 9% increase needed If Status = Approaching, 6% increase needed If Status = On Track or 2020 Target, 3% increase needed
On Track	22.5	82.0 - 91.9	On Track	12	If Status = Floor, 6% increase needed If Status = Approaching, 4% increase needed If Status = On Track or 2020 Target, 2% increase needed
Approaching	18 72.0 - 81.9 Approaching		6	If Status = Floor, 3% increase needed If Status = Approaching, 2% increase needed If Status = On Track or 2020 Target, 1% increase needed	
Floor	0	0.0 - 71.9	Floor	0	< stated increase

Graduation Rate*1 Total: Status + Progress

A maximum of 30 points may be applied to the LEA or school level score.

Four-year, five-year, six-year, and seven-year rates are calculated and the better of the four is applied to the APR.

Status targets change annually. See the Top 10 by 20 Projected Status Targets in the Appendix.

PERFORMANCE WORKBOOK

➤ Using the Performance Workbook Link - MSIP5 Performance Workbook

DATA SOURCES

- Academic and Sub-Group Achievement
 - Local: Core Data: Precode files, student core files
 - State: Test results from vendors
- CCR Measures
 - Local: Core Data: Course and assignment files, ASVAB upload, February follow-up
 - State: Clearinghouse- ACT, SAT, WorkKeys, College Board- AP
- Attendance
 - Local: Core Data: June enrollment and attendance file
- Graduation Rate
 - Local: Core Data: June enrollment and attendance file, student core files
 - Exit Codes: Graduation and Drop-Out
 - First freshman year

TELLING YOUR STORY

- Activity: How do you report information about your APR to various stakeholders
 - Board
 - > Public
 - Administrators
 - > Staff
- Sample Presentation

STANDARD 1: ACADEMIC ACHIEVEMENT

Standard 1: Academic Achievement	2014	2015	2016	3 Yr Status	Yr 1-2 Avg	Yr 2-3 Avg	Rolling Avg Diff	Status Points	Progress Points	Growth Points	APR Points
ELA	363.9	368.8	367.8	366.8	NCE-60.4	NCE-63.3	2.9	9	6	12	16
Math	359.5	329.3	339.6	342.8	NCE-59.4	NCE-60.6	1.2	9	3	12	16
Science	345.5	367.3	352.4	355.1	356.4	359.9	3.5	16	6	N/A	16
S.S.	382.0	395.6	382.1	386.6	388.8	388.9	0.1	8	0	N/A	8

2016 Total Points Earned

Possible

2015 56

56

56

Status Measure	Status Points	ELA	Math	Science	Social Studies
2020 Target	16.0	385.7 - 500.0	392.8 - 500.0	352.8 - 500.0	375.0 - 500.0
On Track	12.0	368.7 - 385.6	363.9 - 392.7	347.0 - 352.7	348.1 - 374.9
Approaching	9.0	300.0 - 368.6	300.0 - 363.8	300.0 - 346.9	300.0 - 348.0
Floor	0.0	100.0 - 299.9	100.0 - 299.9	100.0 - 299.9	100.0 - 299.9

Progress Measure	ELA, Math & Science	Social Studies
Exceeding- >5%	12	6
On Track- 3%	6	3
Approaching- 1%	3	1.5
Floor- <1%	0	0

STANDARD 2- SUBGROUP ACHIEVEMENT

Standard 2: Subgroup Achievement	2014	2015	2016	3 Yr Status	Yr 1-2 Avg	Yr 2-3 Avg	Rolling Avg Diff	Status Points	Progress Points	Growth Points	APR Points
ELA	348.4	347.3	348.3	348.0	NCE-64.4	NCE-67.3	2.9	2	2	0	4
Math	344.2	305.8	318.4	322.8	NCE-61.9	NCE-62.9	1.2	2	1	0	3
Science	332.6	343.7	330.5	335.6	338.2	337.1	-1.0	3	0	N/A	3
S.S.	363.7	381.0	360.8	368.5	372.4	370.9	-1.5	1.5	0	N/A	1.5

2016 Total Points Earned

Possible 14 12

11.5

2015

Status Measure	Status Points	ELA	Math	Science	Social Studies
2020 Target	16.0	385.7 - 500.0	392.8 - 500.0	352.8 - 500.0	375.0 - 500.0
On Track	12.0	348.3 - 385.6	344.1 - 392.7	319.9 - 352.7	319.2 - 374.9
Approaching Approaching	9.0	300.0 - 348.2	300.0 - 344.0	300.0 - 319.8	300.0 - 319.1
Floor	0.0	100.0 - 299.9	100.0 - 299.9	100.0 - 299.9	100.0 - 299.9

Progress Measure	ELA, Math & Science	Social Studies
Exceeding- >5%	3	1.5
On Track- 3%	2	1
Approaching- 1%	1	0.5
Floor- <1%	0	0

CCR 1-3: ACT, SAT, ASVAB, COMPASS, WORKKEYS

College and Career Ready Standard	2014	2015	2016	3-yr Status Projected	CCR Gap	2014-2015 Average	2015-2016 Average	Rolling Avg. Difference	Status points	Progress Points	APR Points
CCR 1-3 (ACT, SAT, ASVAB, COMPASS, WorkKeys)	65.7%	67.8%	69.5%	67.7%	33.3%	66.8%	68.7%	1.9%	7.5	2	9.5

Status Measure	% Earning Qual. Score	Status Points Earned
2020 Target	71.5-100	10.0
On Track	65.7-71.4	7.5
Approaching	40.0-65.6	6.0
Floor	0-39.9	0.0

GAP	Multiplier	Pct. Incr. Needed	Yr1 & Yr2 Avg	201	2015-2016 Average		Progress Points
33.3%	* 25% =	8.3	66.8%	75.1%	to	100%	7.5
33.3%	* 15% =	5.0	66.8%	71.7%	to	75.0%	4
33.3%	* 5% =	1.7	66.8%	68.4%	to	71.6%	2

CCR 3.4- AP, IB, DUAL-CREDIT, DUAL ENROLLMENT, PLTW, IRC

College and Career Ready Standard	2014	2015	2016	3-yr Status	CCR Gap	2014-2015 Average	2015-2016 Average	Rolling Avg. Difference	Status points	Progress Points	APR Points
CCR 4 (AP, IB, Dual-Credit, Dual Enrollment, IRC)	46.4%	49.2%	52.9%	49.5%	52.2%	47.8%	51.1%	3.3%	10	2	10

Status Measure	% Earning Qual. Score	Status Points Earned
2020 Target	47.8 - 100	10.0
On Track	42.6 - 47.7	7.5
Approaching	5.0 - 42.5	6.0
Floor	0 - 4.9	0.0

GAP	Multiplier	Pct. Incr. Needed	2014-2015 Average	2015	5-2016 Aver	rage	Progress Points
52.2%	* 25% =	13.1	47.8%	60.9%	to	100%	7.5
52.2%	* 15% =	7.8	47.8%	55.6%	to	60.8%	4
52.2%	* 5% =	2.6	47.8%	50.4%	to	55.5%	2

CCR 3.5-6: POST-SECONDARY FOLLOW-UP

College and Career Ready Standard	2014	2015	2016	3-yr Status	CCR Gap	2014-2015 Average	2015-2016 Average	Rolling Avg. Difference	Status points	Progress Points	APR Points
CCR 5-6 (Post- Secondary Education/Military/ CTE Placement)	88.2%	86.2%	90.0%	88.1%	12.8%	87.20%	88.10%	0.9%	7.5	2.0	9.5

Status Measure	% Placed	Status Points Earned
2020 Target	90.0 - 100	10.0
On Track	80.0 - 89.9	7.5
Approaching	70.0 - 79.9	6.0
Floor	0 - 69.9	0.0

GAP	Multiplier	Pct. Incr. Needed	2014-2015 Average	201:	5-2016 Aver	rage	Progress Points
12.8%	* 25% =	3.2	87.2%	90.4%	to	100%	7.5
12.8%	* 15% =	1.9	87.2%	89.1%	to	90.3%	4
12.8%	* 5% =	0.6	87.2%	87.8%	to	89.0%	2

STANDARD 4- ATTENDANCE

Grade Rate Cohort	2014	2015	2016	3 Yr Status	Yr 1-2 Avg	Yr 2-3 Avg	Rolling Avg Diff	Status Points	Progress Points	APR Points
District	89.4%	90.0%	91.2%	90.2%	89.7%	90.6%	0.9%	10	0	10

Status Measure	Attendance Status	Status Points
2020 Target	90.0 - 100	10.0
On Track	85.0 - 89.9	7.5
Approaching	80.0 - 84.9	6.0
Floor	0 - 79.9	0.0

Progress Measure	Status Points
Exceeding- >3%	7.5
On Track- 2%	4
Approaching- 1%	2
Floor- <1%	0

STANDARD 5- GRADUATION RATE

Grade Rate Cohort	2014	2015	2016	3 Yr Status	Yr 1-2 Avg	Yr 2-3 Avg	Rolling Avg Diff	Status Points	Progress Points	APR Points
4-Year Rate	90.1%	90.5%	93.9%	91.5%	90.3%	92.2%	1.9%	22.5	6	28.5
5-Year Rate	90.8%	92.7%	96.0%	93.2%	91.8%	94.4%	2.6%	30	12	30
6-Year Rate	86.5%	90.9%	93.0%	90.1%	88.7%	92.0%	3.3%	22.5	22.5	30
7-Year Rate	90.1%	86.7%	90.9%	89.2%	88.4%	88.8%	0.4%	22.5	0	22.5

Status Measure	Grad Rate Status	Status Points
2020 Target	92.0 - 100	10.0
On Track	82.0 - 91.9	7.5
Approaching	72.0 - 81.9	6.0
Floor	0 - 71.9	0.0

Progress Measure	Status Points
Exceeding- >3%	22.5
On Track- 2%	12
Approaching- 1%	6
Floor- <1%	0

2016 APR

MSIP 5 Standards	Possible Points	2013	2014	2015	2016	2016 Percent of Points Earned
1. Academic Achievement	56	54	55	56	56	100.0%
2. Subgroup Achievement	14	11.5	12	12	11.5	82.1%
3. College and Career Ready (CCR)	30	21	23	27.5	29	96.7%
4. Attendance	10	6	10	10	10	100.0%
5. Graduation Rate	30	22.5	30	30	30	100.0%
Total	140	115	130	135.5	136.5	97.5%
	Percent of Possible Points Earned		92.9%	96.8%	97.5%	

2017 APR

- Current Reality
 - Lack of comparability with English II and Algebra I EOCs.
 - ➤ The Department is currently looking at impact on districts of various scoring models.
- Next Steps- Revised scoring guide.
- > APR Release Schedule

MSIP 6

- Draft Standards- Presented to State Board in September 2017
- MSIP 6 Scoring Guide- In Development
- > Spring 2018- Pilot Data
- > Fall 2018

QUESTIONS?

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