

2016 SUMMARY OF STUDENT RESULTS



SAT®

2016 M-STEP stats at-a-glance

- ▶ 95% of schools took M-STEP online (up from 80% in 2015).
- ▶ 3.2 million test sessions over a 3-week period.
- ▶ 96% participation rate.
- ▶ Assessments in English language arts (ELA) and mathematics used computer adaptive testing (CAT).
- ▶ Faster results! Preliminary results within 48 hours; final results on August 30.



Triple Success

- ▶ Students show **proficiency gains** in nearly two-thirds of the grades and subjects tested.
- ▶ Students spent **less time testing**, and schools started and ended the test window sooner.
- ▶ Schools received **earlier results**.

Reduction of Test Time

- ▶ English language arts (ELA) two-hour performance task eliminated for all students in grades 3,4,6,7; **reducing** ELA testing time by 2 hours. The performance task was retained for students in grades 5 and 8.
- ▶ SAT now serves as both the state ELA and mathematics assessment – reducing test time by up to eight hours for students in grade 11.

Communication Tools to Support Engagement

- ▶ MDE has developed several new tools for districts and schools to discuss and share their Spring 2016 M-STEP and MME results.

- ❖ M-STEP/MME Parent Report Video, visually walks viewers through the assessment parent reports. The [video](#) is now posted on Michigan Department of Education's YouTube and M-STEP websites.



Communication Tools to Support Engagement

► New “How to Read a Student Score Report”

- ❖ For parents of students in grades 3–8 and
- ❖ For parents of students in grade 11
- ❖ Designed to accompany the student score reports sent to parents.



Result Highlights

- ▶ When compared to 2015 statewide results, proficient or advanced M-STEP scores increased in nearly two-thirds (10 of 18) grades and subjects.
- ▶ There was good news in **science** results, where student proficiency increased at all three grade levels; the largest gain was in 11th grade (+3.6%).

Result Highlights

- ▶ Student proficiency in **ELA** increased in three of six grades. The largest gain occurred grade 5 (1.9%); the largest decrease grade 3 (-4%).
- ▶ Student proficiency in **mathematics** increased in 4 of six grades. The largest gain occurred in grade 4 (2.6%), the largest decrease was in grade 3 (3.6).
- ▶ **Social studies** student proficiency decreased at all three grade levels, with the largest decline in grade 5.

MME/SAT Result Highlights

- ▶ 11th grade science increased from 29.4 in 2015 to 33.03 in 2016 (+3.6%).
- ▶ Social studies decreased slightly from 43.86 in 2015 to 43.07 in 2016 (-.79).

MME/SAT Result Highlights

- ▶ Michigan SAT Total Mean Score 1001.2
 - ❖ SAT Evidence-Based Reading and Writing 507.5
 - ❖ SAT Mathematics 493.7
- ▶ College Career Ready Determined by College Board
 - ❖ SAT Evidence-Based Reading and Writing 60.2
 - ❖ SAT Mathematics 36.9
- ▶ CCR College and Career Readiness scores – CCR score is determined by SAT. They represent a 75% likelihood of a student achieving at least a “C” grade in a first-semester, credit-bearing college course in a related subject.



RESULTS BY SUBJECT AND GRADE

Test Results by Subject and Grade

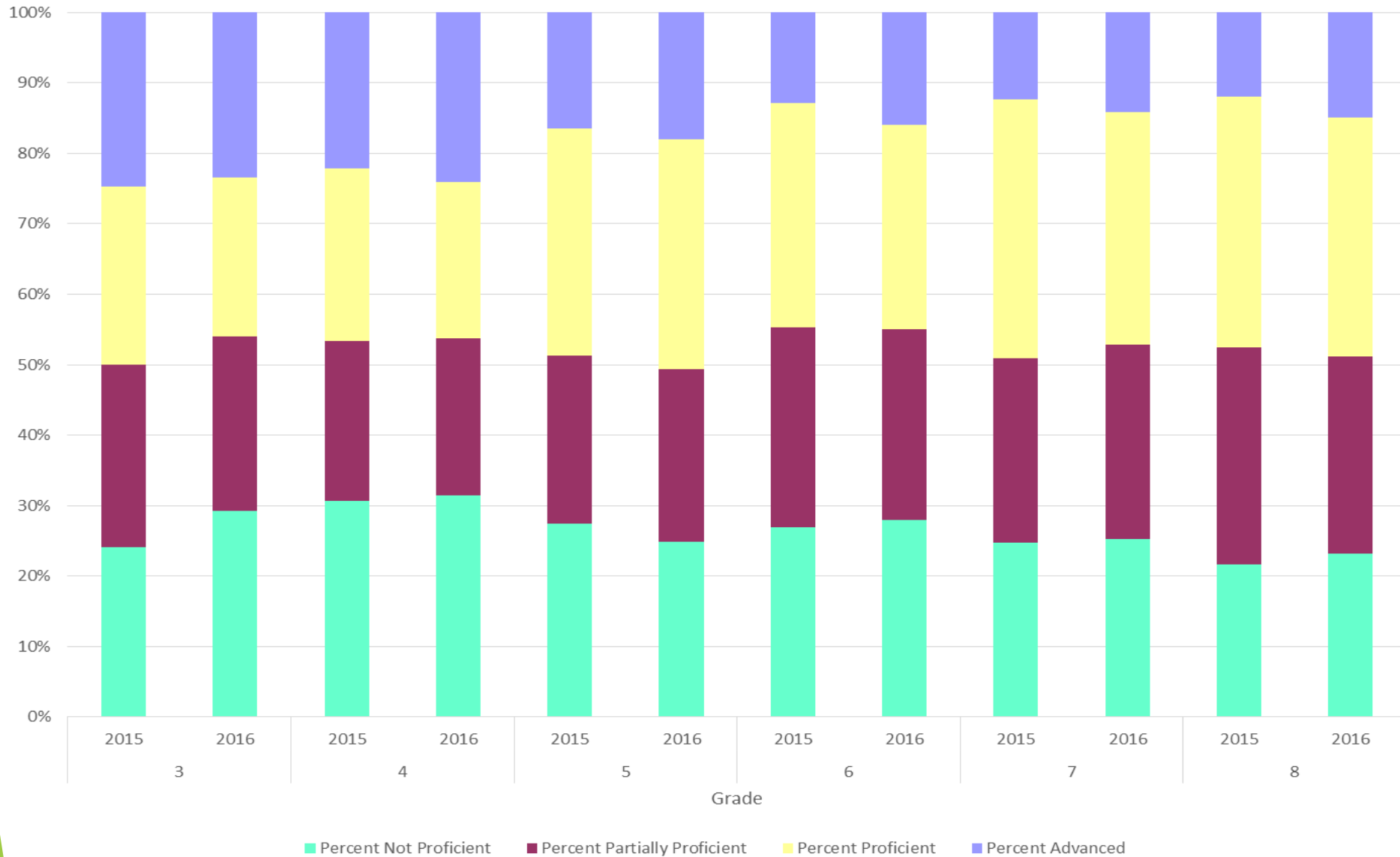
▶ Four student performance levels:

- ❖ not proficient
- ❖ partially proficient
- ❖ proficient
- ❖ advanced

▶ Two years of data results for M-STEP.



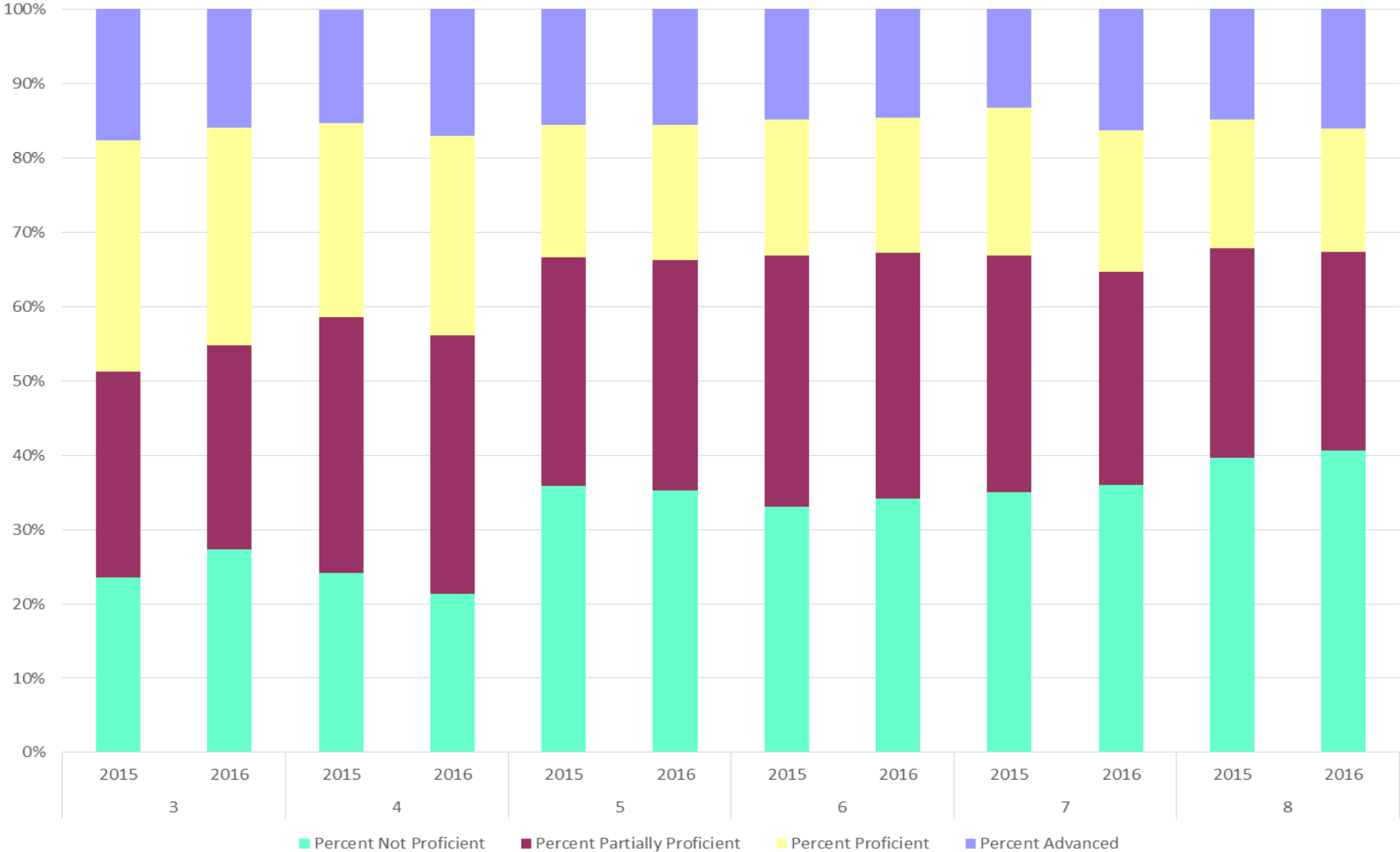
ELA Results



ELA Results

Grade	Year	# Included	Level 4 / Not Proficient	Level 3 / Partially Proficient	Level 2 / Proficient	Level 1 / Advanced	Levels 1 & 2 / Proficient or Above
3	2015	107178	24.1%	25.9%	25.3%	24.7%	50.0%
	2016	107964	29.2%	24.8%	22.6%	23.4%	46.0%
4	2015	105981	30.7%	22.7%	24.5%	22.1%	46.6%
	2016	107442	31.4%	22.3%	22.2%	24.1%	46.3%
5	2015	109002	27.4%	23.9%	32.2%	16.5%	48.7%
	2016	106414	24.8%	24.6%	32.6%	18.0%	50.6%
6	2015	107798	26.9%	28.4%	31.8%	12.9%	44.7%
	2016	109697	28.0%	27.0%	29.1%	15.9%	45.0%
7	2015	108944	24.7%	26.2%	36.7%	12.4%	49.1%
	2016	108822	25.3%	27.6%	33.0%	14.1%	47.1%
8	2015	111863	21.6%	30.8%	35.7%	11.9%	47.6%
	2016	108980	23.2%	28.0%	33.9%	14.9%	48.8%

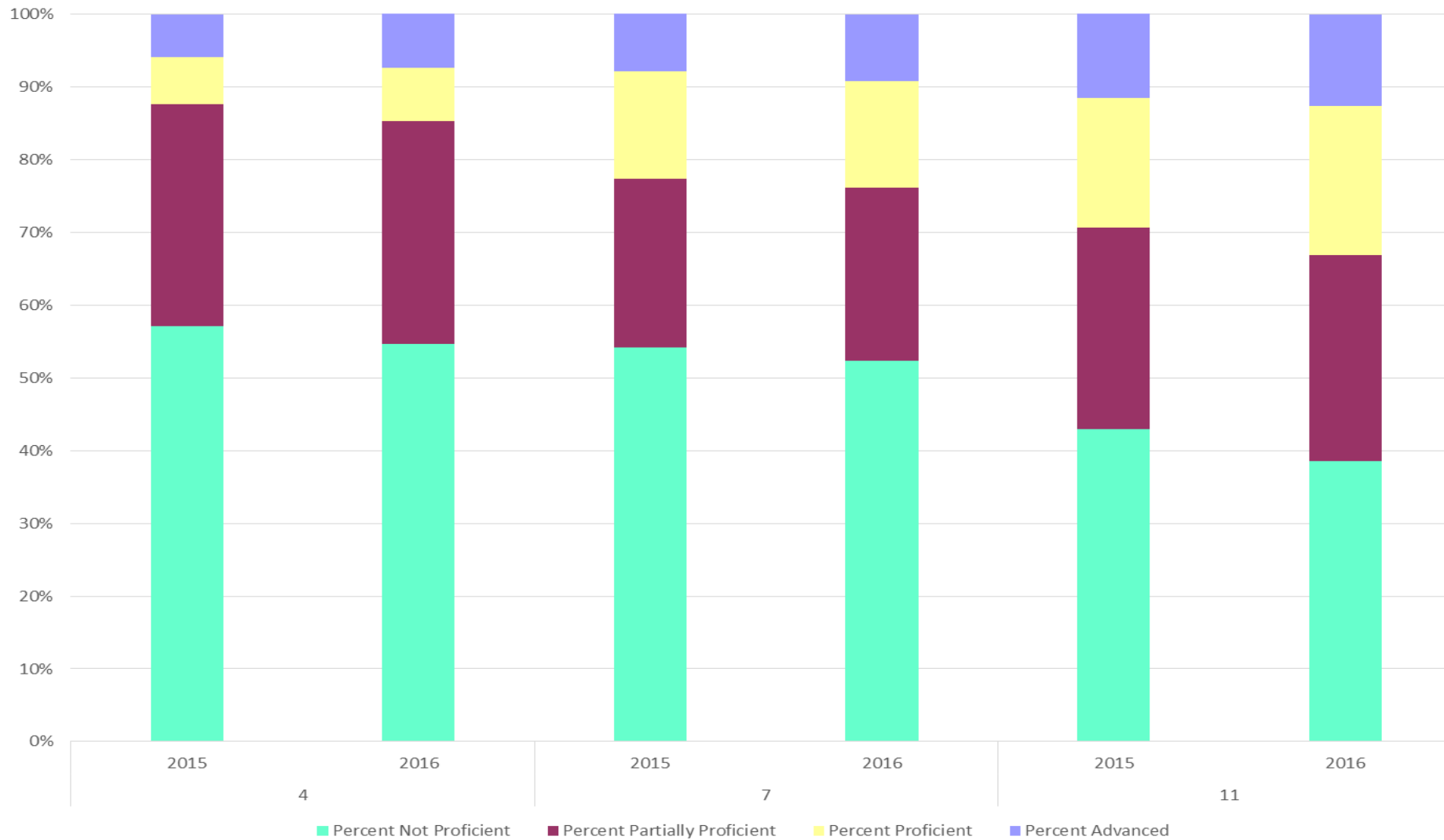
Mathematics Results



Mathematics Results

Grade	Year	# Included	Level 4 / Not Proficient	Level 3 / Partially Proficient	Level 2 / Proficient	Level 1 / Advanced	Levels 1 & 2 / Proficient or Above
03	2015	107488	23.5%	27.7%	31.1%	17.7%	48.8%
	2016	108040	27.3%	27.5%	29.2%	16.0%	45.2%
04	2015	106231	24.2%	34.4%	26.1%	15.2%	41.4%
	2016	107501	21.3%	34.8%	26.9%	17.1%	44.0%
05	2015	109155	35.9%	30.7%	17.8%	15.6%	33.4%
	2016	106431	35.3%	30.9%	18.2%	15.6%	33.8%
06	2015	107870	33.1%	33.7%	18.3%	15.0%	33.3%
	2016	109742	34.2%	33.0%	18.2%	14.6%	32.8%
07	2015	109012	35.0%	31.8%	19.9%	13.3%	33.3%
	2016	108839	36.0%	28.7%	19.0%	16.3%	35.3%
08	2015	111813	39.7%	28.1%	17.4%	14.8%	32.2%
	2016	109075	40.6%	26.7%	16.6%	16.1%	32.7%

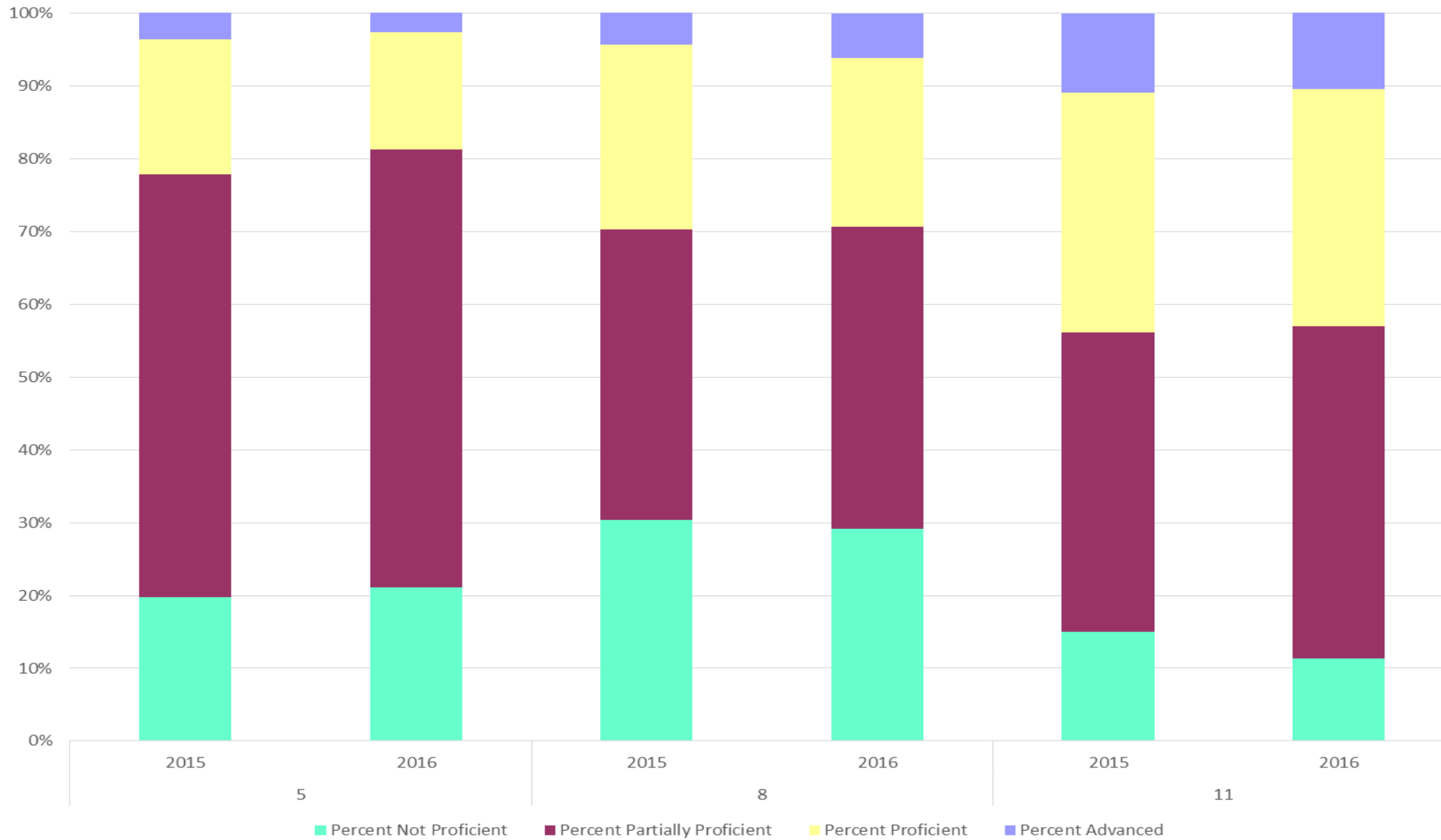
Science Results



Science Results

Grade	Year	# Included	Level 4 / Not Proficient	Level 3 / Partially Proficient	Level 2 / Proficient	Level 1 / Advanced	Levels 1 & 2 / Proficient or Above
04	2015	105979	57.1%	30.5%	6.5%	5.8%	12.3%
	2016	107367	54.7%	30.6%	7.3%	7.4%	14.7%
07	2015	109227	54.1%	23.3%	14.7%	8.0%	22.7%
	2016	108878	52.3%	23.8%	14.7%	9.1%	23.8%
11	2015	103223	42.9%	27.7%	17.9%	11.5%	29.4%
	2016	104015	38.5%	28.4%	20.4%	12.6%	33.0%

Social Studies Results








Social Studies Results

Grade	Year	# Included	Level 4 / Not Proficient	Level 3 / Partially Proficient	Level 2 / Proficient	Level 1 / Advanced	Levels 1 & 2 / Proficient or Above
05	2015	109113	19.7%	58.1%	18.6%	3.6%	22.2%
	2016	106544	21.1%	60.1%	16.1%	2.7%	18.9%
08	2015	111842	30.4%	39.9%	25.3%	4.5%	29.8%
	2016	109049	29.1%	41.5%	23.2%	6.1%	29.3%
11	2015	103194	15.0%	41.1%	32.9%	10.9%	43.8%
	2016	104015	11.3%	45.7%	32.5%	10.6%	43.1%

11th Grade Results – M-STEP

Subject	Year	Percent Not Proficient	Percent Partially Proficient	Percent Proficient	Percent Advanced	Percent Advanced/ Proficient 2015
Science	2015	42.87	27.73	17.93	11.48	29.4
	2016	38.54	28.44	20.41	12.62	33.03
Social Studies	2015	15.01	41.13	32.94	10.92	43.86
	2016	11.25	45.68	32.49	10.58	43.07

Michigan SAT Scores

Subject	Total Possible Range	Total Score Average	College Career Ready Scores as Determined by College Board
SAT with ESSAY	400-1600	1001.2	
SAT Evidence-Based Reading & Writing	200-800	507.5	60.2
SAT Mathematics	200-800	493.7	36.9
ESSAY Scores			
Reading	2-8	4.6	
Analysis	2-8	3.5	
Writing	2-8	4.5	

Questions?