

GRANITE SCHOOL DISTRICT 2016-17 ANNUAL ASSESSMENT REPORT

Linda Mariotti, Assistant Superintendent, Teaching and Learning Services

Dr. Rob Averett, Director, Student Assessment



Board of Education Presentation

October 3, 2017

SIGNIFICANT CHANGES TO STATE TESTING

What changed in SY 2017?

- SAGE testing for 11th grade students was optional.
- 11th grade results were not used to calculate school grades.

What will change in SY 2018?

- SAGE ELA for grades 3 through 10 will have only one writing prompt.
- USBE has released an RFP to compete the testing engine; not the test.
- ACT testing will replace SAGE at 11th grade.
 - ACT writing component will be added.
 - Test length with writing increases from 175 minutes to 215 minutes.
 - USBE may alter grade calculation for SY 2018 due to the change to ACT



SAGE
Student Assessment of Growth and Excellence

SCHOOLS WITH TEACHERS ACHIEVING HIGH MEDIAN GROWTH PERCENTILE

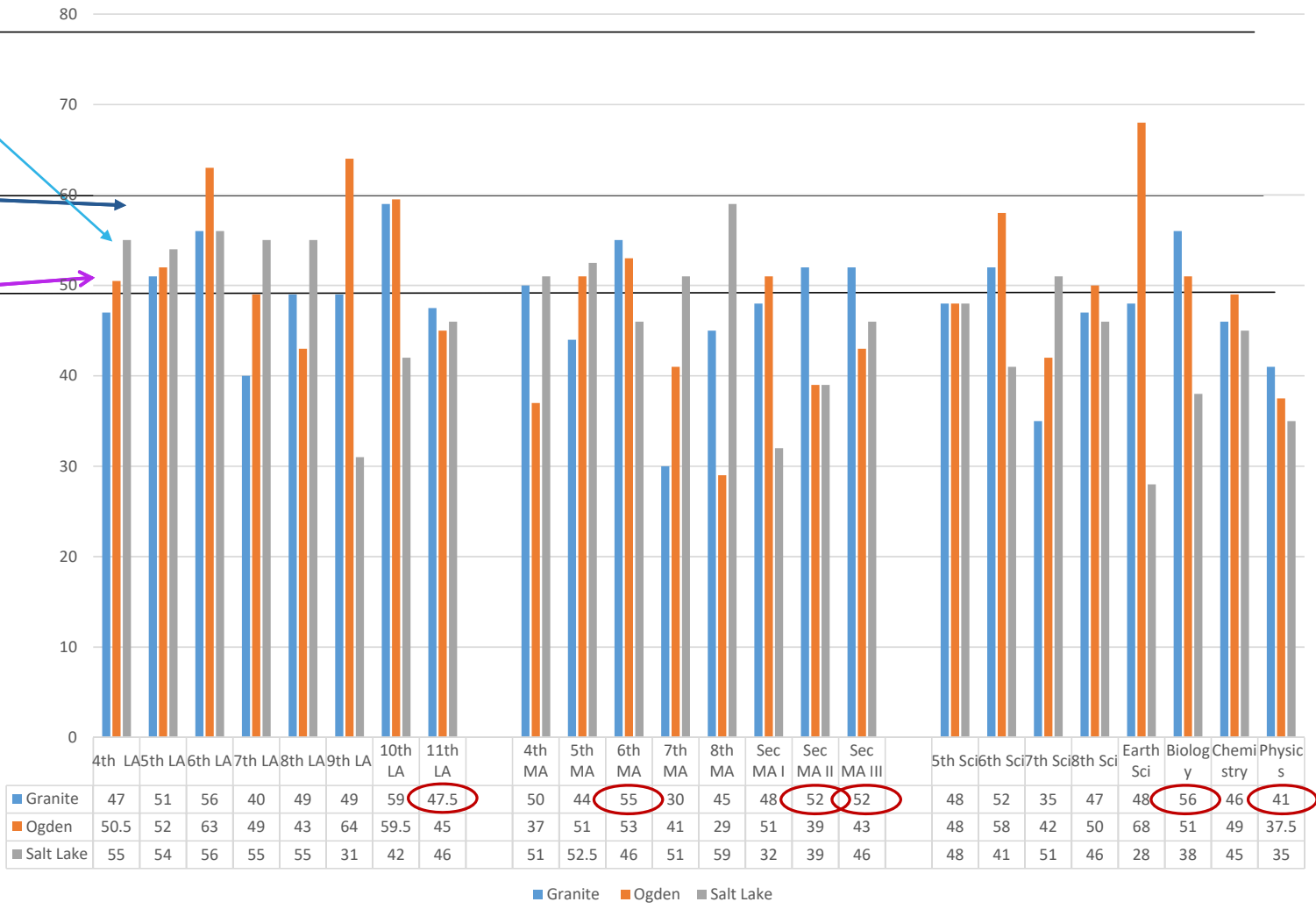
ACADEMY PARK SCHOOL	GEARLD WRIGHT SCHOOL	MORNINGSIDE SCHOOL	STANSBURY SCHOOL	BENNION JR HIGH	COTTONWOOD HIGH
ARCADIA SCHOOL	GRANGER SCHOOL	NEIL ARMSTRONG ACADEMY	TAYLORSVILLE SCHOOL	EISENHOWER JR HIGH	CYPRUS HIGH
BEEHIVE SCHOOL	HARRY S. TRUMAN SCHOOL	OAKWOOD SCHOOL	THOMAS W BACCHUS SCHOOL	EVERGREEN JR HIGH	HUNTER HIGH
BENNION SCHOOL	HILLSDALE SCHOOL	PHILO T. FARNSWORTH SCHOOL	TWIN PEAKS SCHOOL	GRANGER HIGH	KEARNS HIGH
CALVIN S. SMITH SCHOOL	HILLSIDE SCHOOL	PIONEER SCHOOL	UPLAND TERRACE SCHOOL	GRANITE PARK JR HIGH	OLYMPUS HIGH
CARL SANDBURG SCHOOL	HOWARD R DRIGGS SCHOOL	PLEASANT GREEN SCHOOL	VALLEY CREST SCHOOL	HUNTER JR HIGH	SKYLINE HIGH
COPPER HILLS SCHOOL	HUNTER SCHOOL	PLYMOUTH SCHOOL	VISTA SCHOOL	KEARNS JR HIGH	
COTTONWOOD SCHOOL	JACKLING SCHOOL	REDWOOD SCHOOL	WEST KEARNS SCHOOL	THOMAS JEFFERSON JR HIGH	
CRESTVIEW SCHOOL	JIM BRIDGER SCHOOL	ROBERT FROST SCHOOL	WEST VALLEY SCHOOL	WASATCH JR HIGH	
DAVID GOURLEY SCHOOL	JOHN C FREMONT SCHOOL	ROLLING MEADOWS SCHOOL	WESTBROOK SCHOOL	WEST LAKE JR HIGH	
DIAMOND RIDGE SCHOOL	LAKE RIDGE SCHOOL	ROOSEVELT SCHOOL	WESTERN HILLS SCHOOL		
DOUGLAS T. ORCHARD SCHOOL	LINCOLN SCHOOL	ROSECREST SCHOOL	WILLIAM PENN SCHOOL		
EASTWOOD SCHOOL	MAGNA SCHOOL	SILVER HILLS SCHOOL	WOODROW WILSON SCHOOL		
ELK RUN ELEMENTARY	MILL CREEK SCHOOL	SOUTH KEARNS SCHOOL			
FOX HILLS SCHOOL	MONROE SCHOOL	SPRING LANE SCHOOL			

2017 SAGE Median Growth Percentile (MGP) Similar Districts

Ogden SD Economically Disadvantaged = 73.89%

Salt Lake SD Economically Disadvantaged = 57.89%

Granite SD Economically Disadvantaged = 47.12%



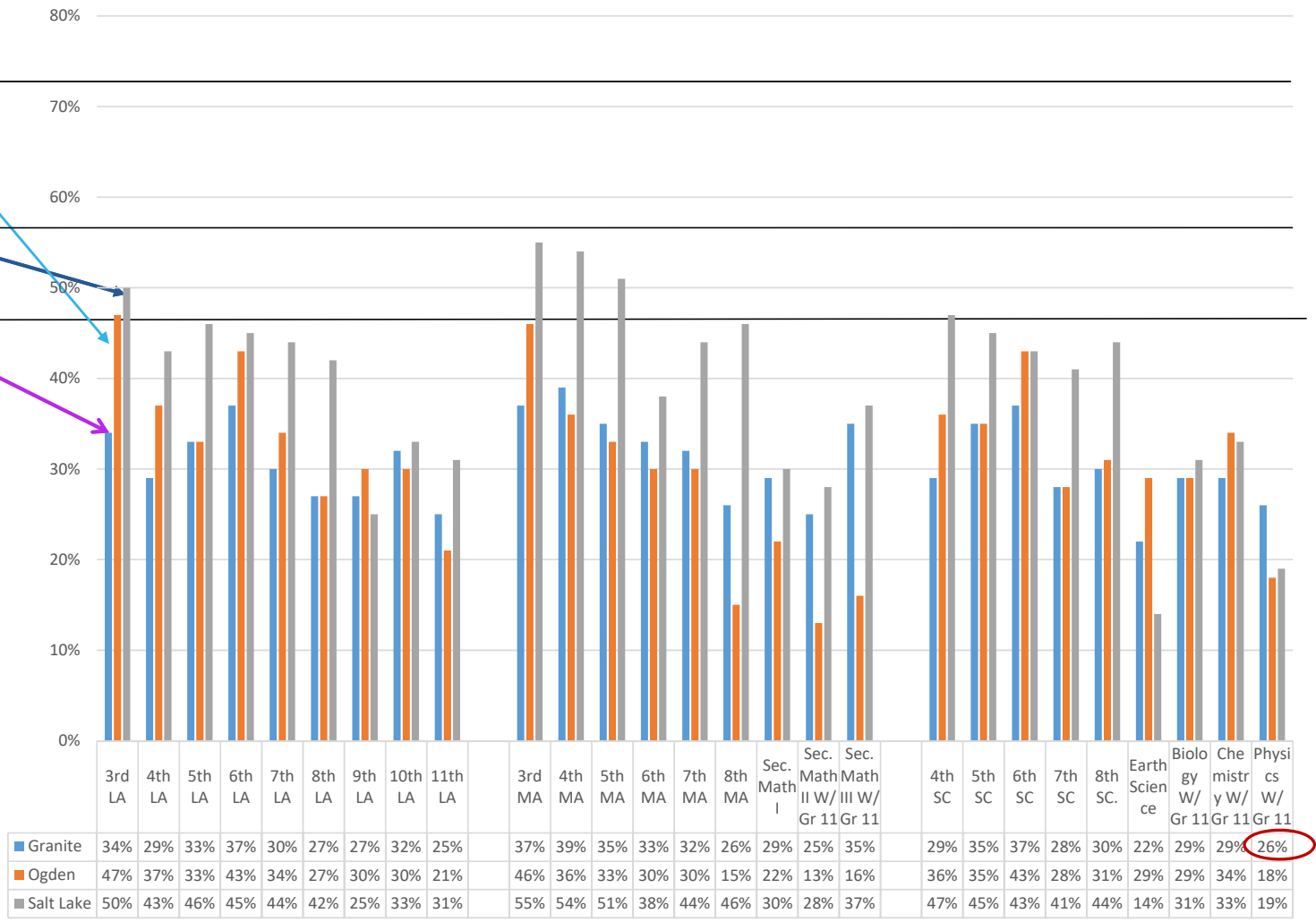
■ Granite ■ Ogden ■ Salt Lake

2017 SAGE Percent Proficient Similar Districts

Ogden SD Economically Disadvantaged = 73.89%

Salt Lake SD Economically Disadvantaged = 57.37%

Granite SD Economically Disadvantaged = 47.12%



Granite Ogden Salt Lake

UTAH AND GRANITE SAGE RESULTS WERE SIMILAR

2017 SAGE 4 Year Comparisons

SY 16 to 17

Utah

- ↑ 3 subjects
- ⇒ 5 subjects
- ↓ 19 subjects

Granite

- ↑ 9 subjects
- ⇒ 3 subjects
- ↓ 15 subjects

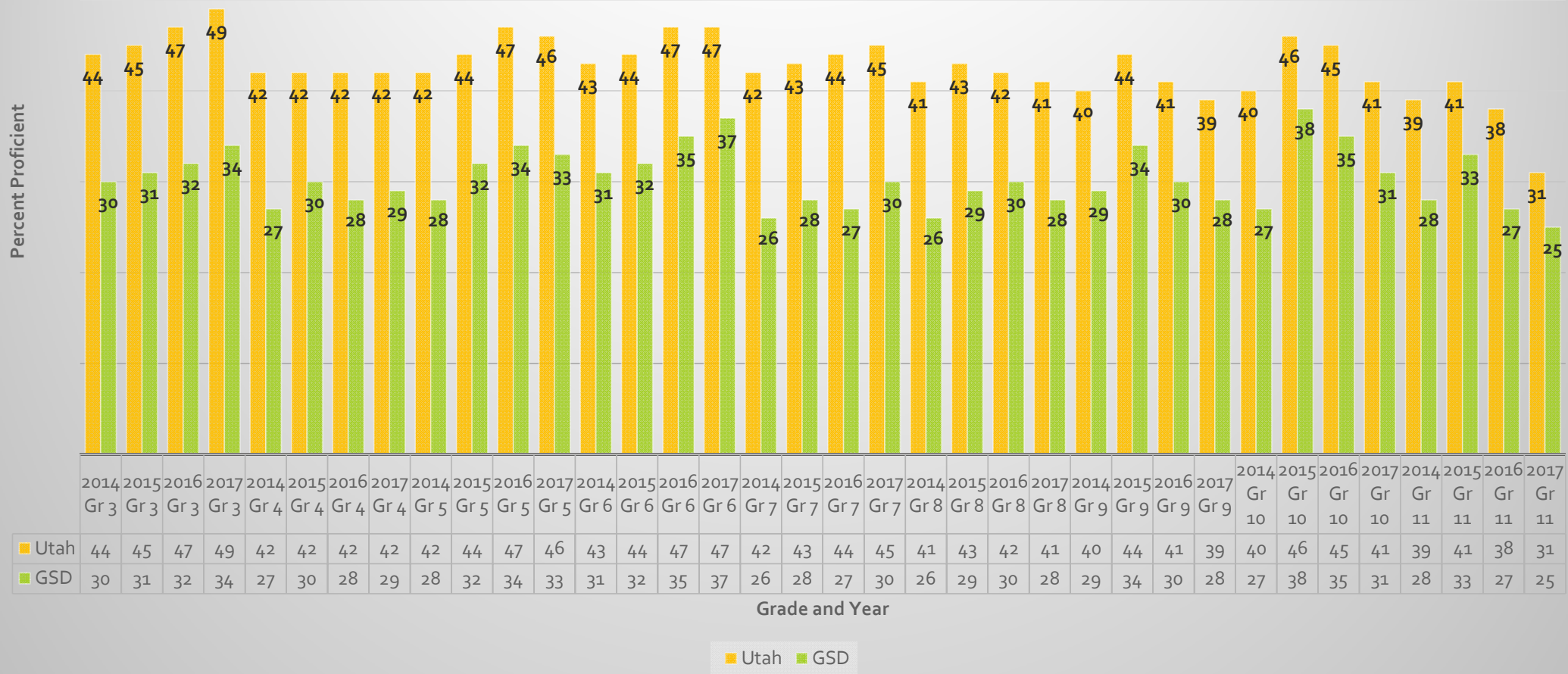
Granite Schools

- 9 tests up
 - ELA 3, 4, 6, 7
 - Math 6, 7, Secondary III
 - Science 6, 7
- 3 tests unchanged
 - Math Secondary I, II
 - Earth Science
- 15 tests down
 - ELA 5, 8, 9, 10, 11
 - Math 3, 4, 5, 8
 - Science 4, 5, 8, Biology, Chemistry, Physics

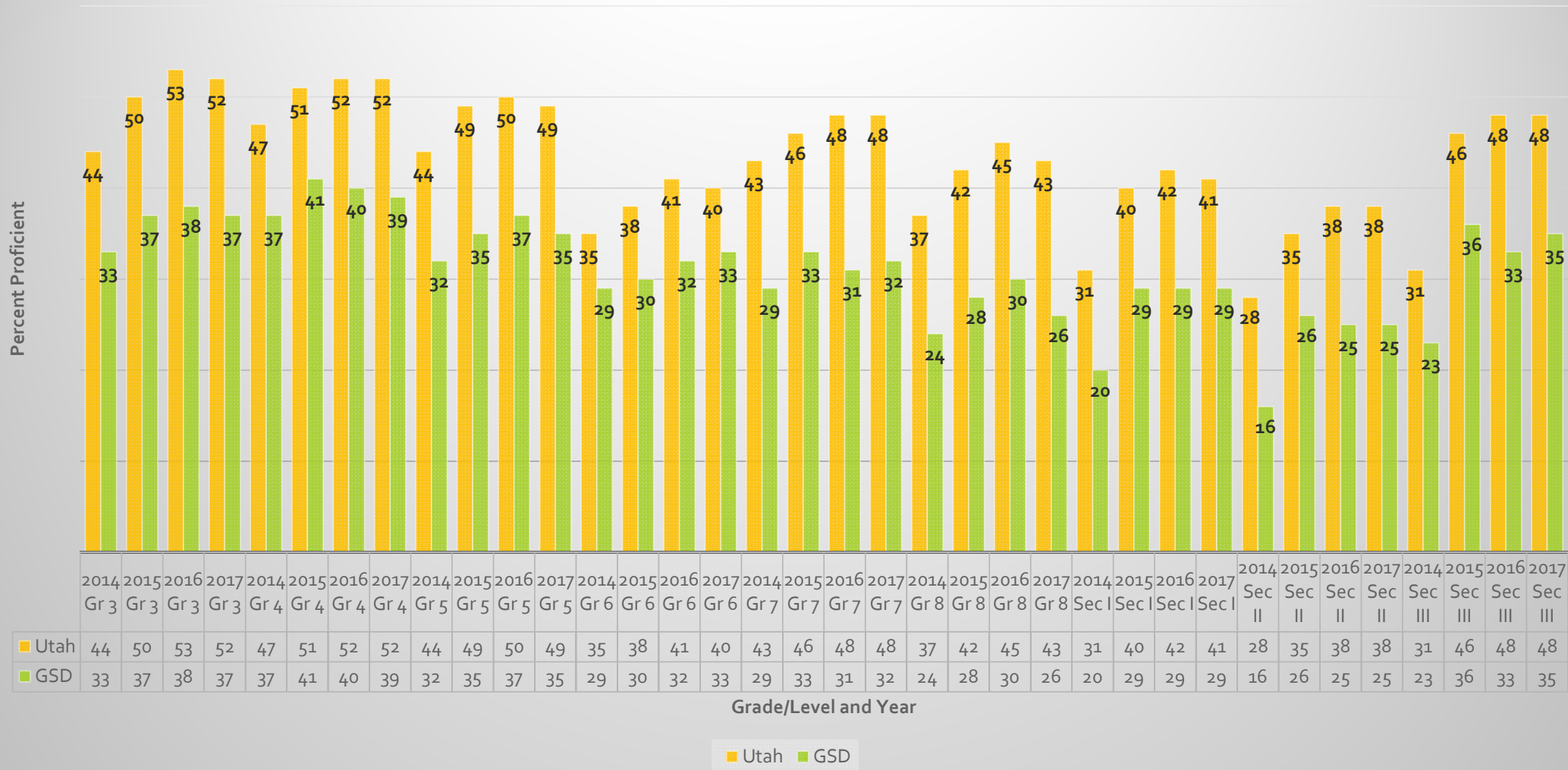
Utah Schools

- 3 tests up
 - ELA 3, 7
 - Math Secondary II
- 5 tests unchanged
 - ELA 4, 6
 - Math 4, 7
 - Science 7
- 19 tests down
 - ELA 5, 8, 9, 10, 11
 - Math 3, 5, 6, 8, Secondary I, III
 - Science 4, 5, 6, 8, Earth Science, Biology, Chemistry, Physics

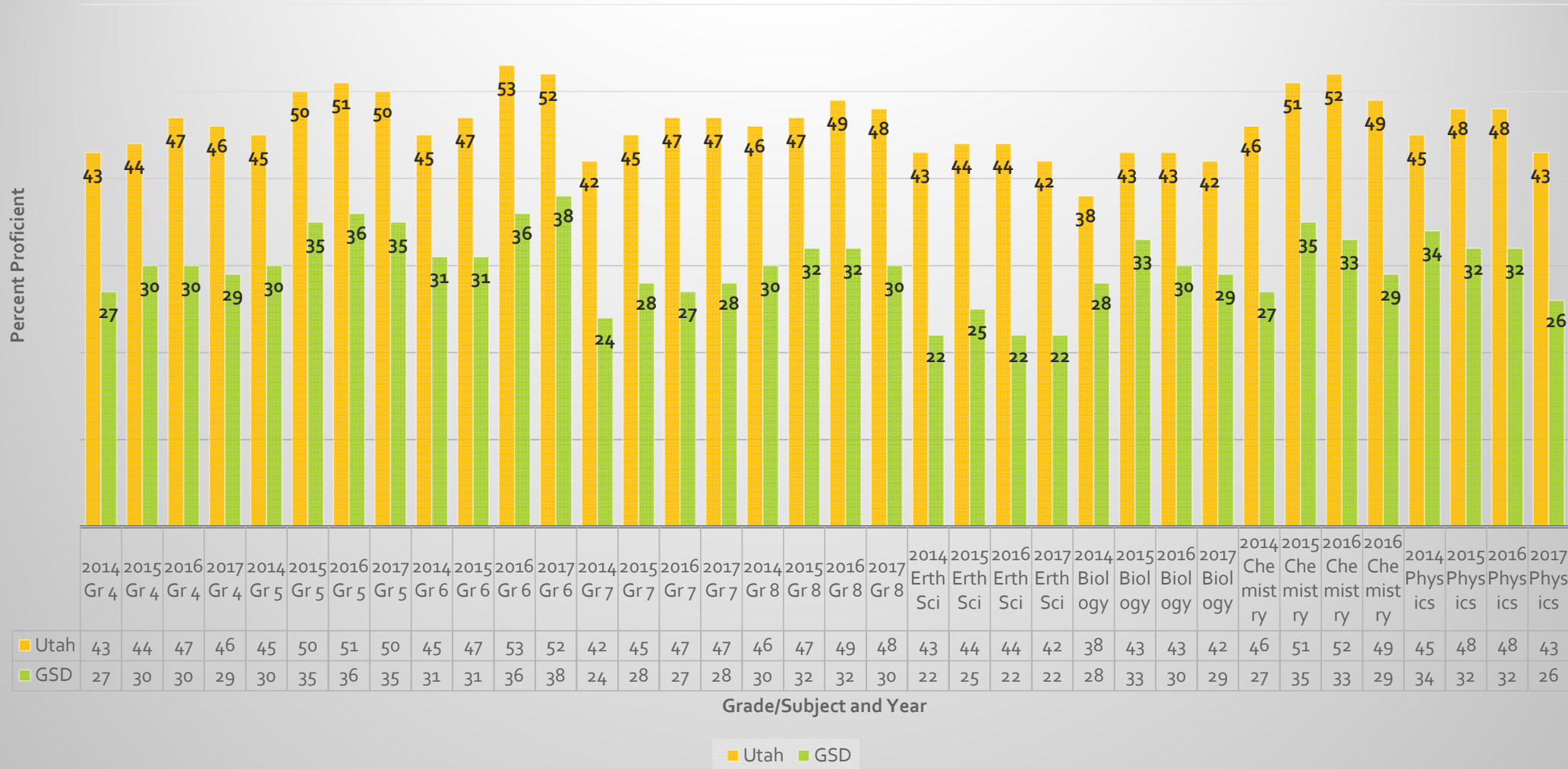
Four-year Comparison - English Language Arts



Four Year Comparison - Mathematics



Four Year Comparison - Science



EFFECT OF OPT-OUTS

The number of students whose parents have opted-out of state and federal testing is growing:

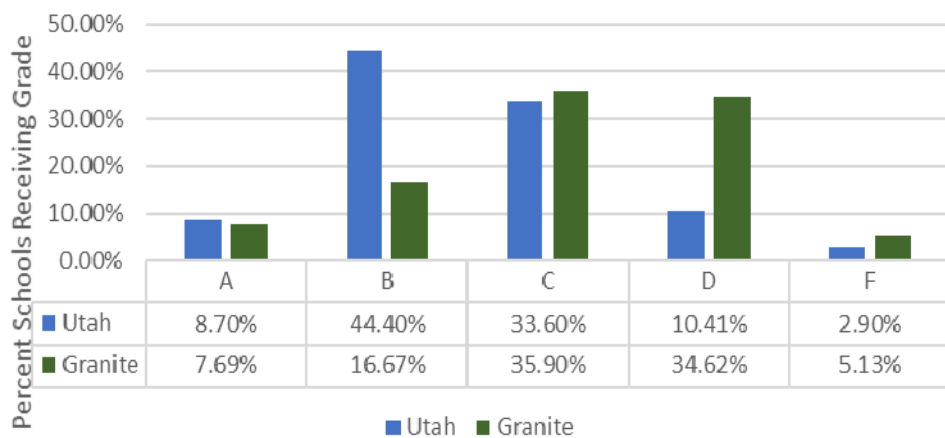
▪ SY 2015	309 (of 67,660)	0.46 %
▪ SY 2016	1,315 (of 67,822)	1.94%
▪ SY 2017	1,983 (of 67,681)	2.93%

The numbers are small and the impact on school grades has been negligible.

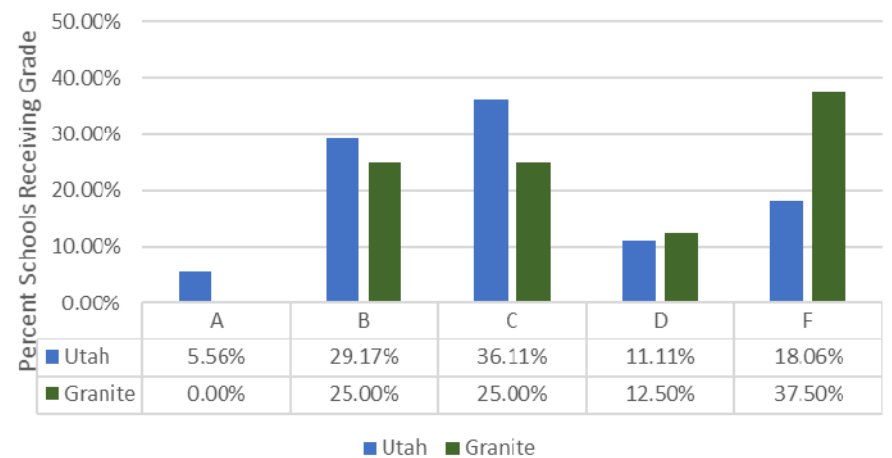
- Selected a high school which had a substantial increase last year.
- Matched all opt-outs to previous year proficiency.
- No impact on grade.

DISTRIBUTION OF UTAH SCHOOL GRADES

Elementary / Middle School Grades



High School Grades

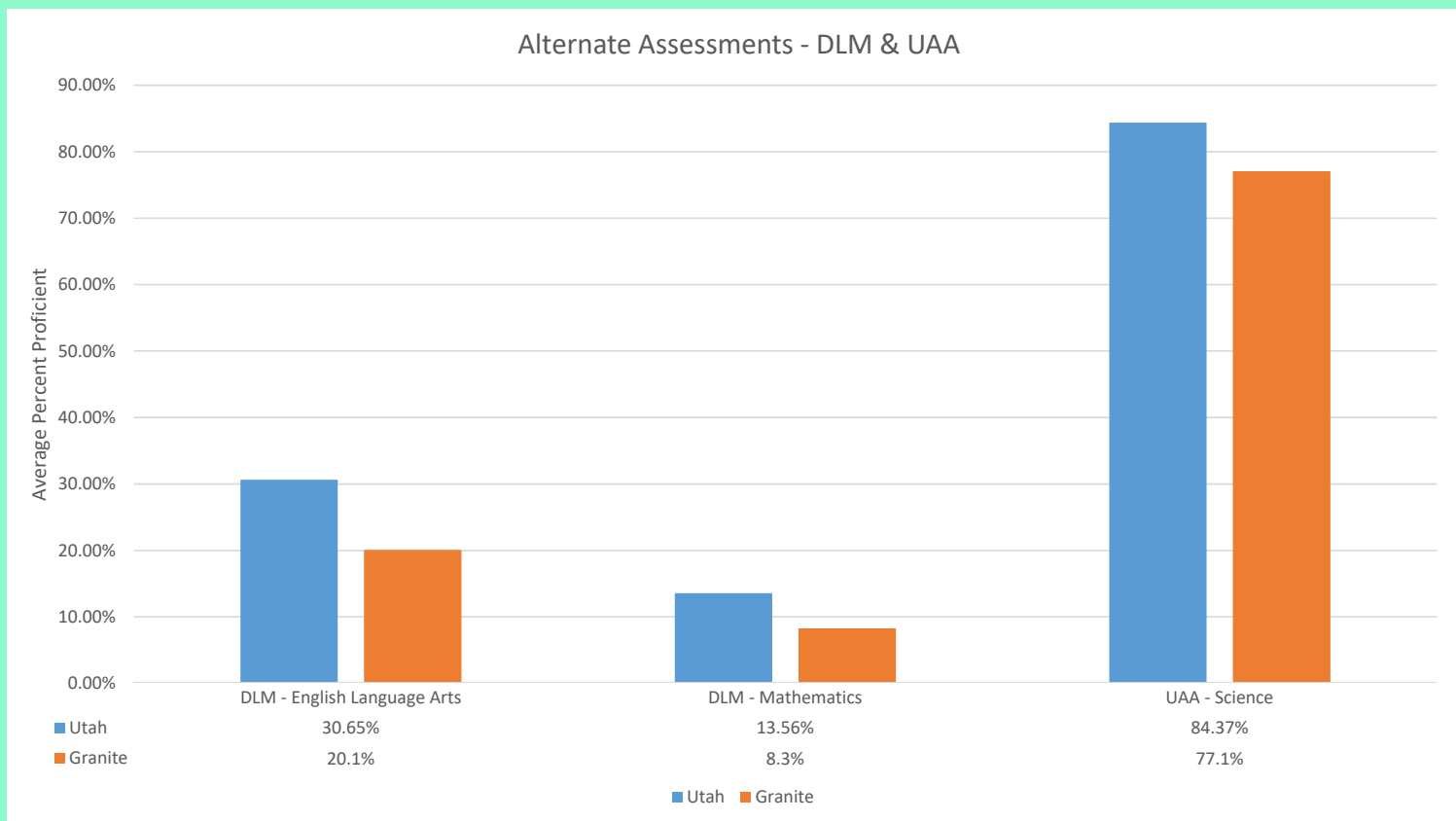




DYNAMIC®
LEARNING MAPS

Utah's Alternate Assessment

ALTERNATE TESTING FOR QUALIFYING STUDENTS WITH DISABILITIES



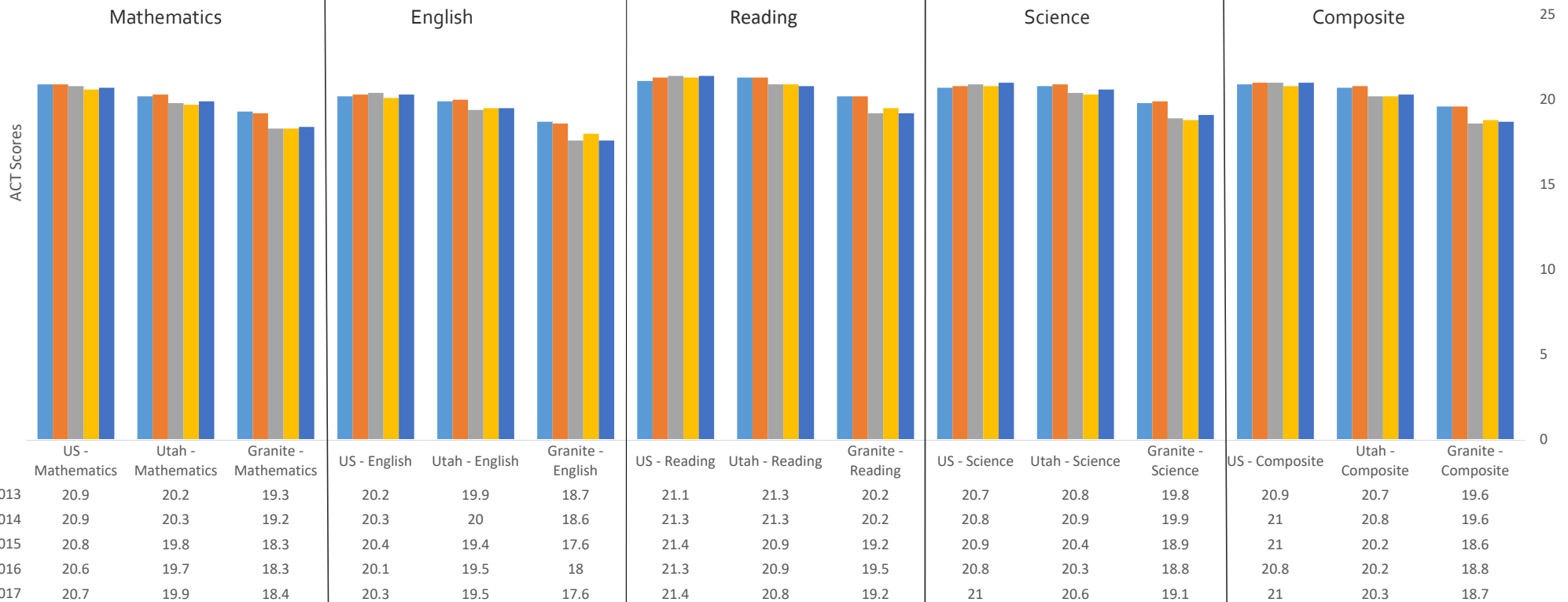
ACTT[®]

UTAH TESTS 11TH GRADE STUDENTS STATEWIDE WITH ACT

- Nationwide, 17 states tested 100% of students in SY 2017
- Utah was ranked 6th among those states

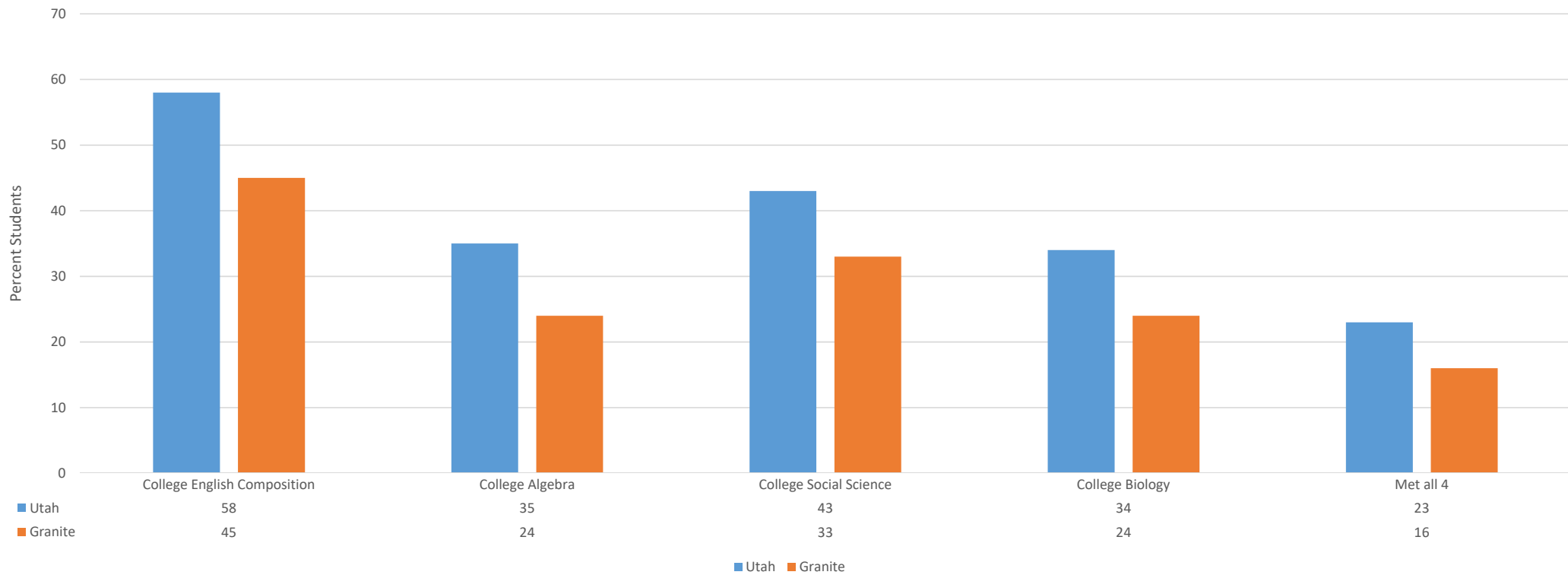
ACT FIVE YEAR TRENDS: PARTICIPATION AND RESULTS

ACT 5 Year Trends - US - Utah - Granite



WHAT PERCENT OF OUR STUDENTS MEET ACT BENCHMARKS?

11th Grade Students Meeting ACT Benchmarks



SCHOOL AVERAGE SCORES COMPARED TO BENCHMARK SCORES

	ACT English	ACT Math	ACT Reading	ACT Science	ACT Composite	Tests Taken
National	20.3	20.7	21.4	21	21	2,030,038
State	19.5	19.9	20.8	20.6	20.3	42,580
Granite District	17.6	18.4	19.2	19.1	18.7	4,237
Cottonwood HS	16.8	18	18.5	18.6	18.1	390
Cyprus HS	16.3	17.2	18.2	18.3	17.6	557
Granger HS	15.9	16.7	17	17.3	16.8	637
Granite Connections HS	12	14.6	14.7	14.9	14.2	94
Hunter HS	15.9	17.4	18.1	18	17.5	616
Kearns HS	15.5	16.5	16.7	17.4	16.6	476
Olympus HS	21.4	21.5	22.6	21.9	22	469
Skyline HS	23.8	23.4	24.9	23.7	24.1	501
Taylorsville HS	17.4	18.1	18.8	18.8	18.4	497
Benchmark	18	22	22	23		

ACT, INC: ANALYSIS ABOUT SCORE IMPROVEMENT

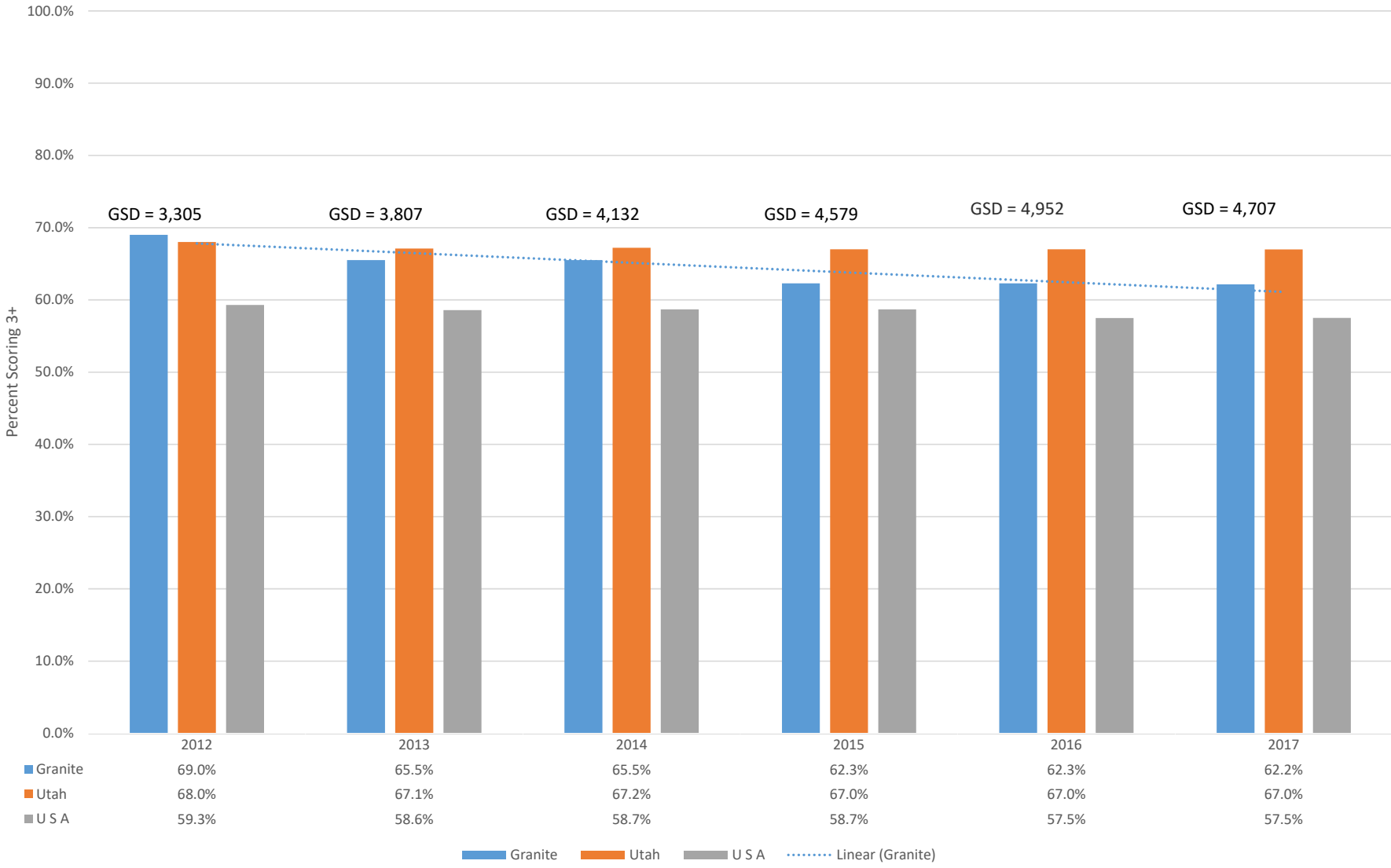
- ✓ Make core curriculum a priority.
 - 57% of students reported taking courses that are “core or more.”
- ✓ Make sure students are taking the right kinds of courses.
 - 17% took fewer than 3 years of math; 6% were college ready.
 - By comparison 34% of students taking 3 years were college ready.
 - 15% took 3 years natural science; 15% were college ready.
 - By comparison 28% of students taking 3 years were college ready.
- ✓ Evaluate rigor of courses.
 - 69% of tested cohort falls into lowest three math score ranges.

AP

 CollegeBoard

Six Year Trend

AP Success by Year



GSD
AP
RESULTS
COMPARED TO
STATE
AND
NATIONAL
RESULTS

Total AP Students in Granite District: 3,058			Total AP Tests in Granite District: 4,707		
Subject Totals	Total Exams	% Success	Granite Mean	Utah Mean	US Mean
Research	4	50.0%	2.75	2.75	3.14
Seminar	8	100.0%	3.38	3.10	3.11
Art History	84	84.5%	3.48	3.44	2.94
Music Theory	32	62.5%	3.06	3.51	3.01
Studio Art: 2-D Design Portfolio	36	80.6%	3.44	3.73	3.52
Studio Art: 3-D Design Portfolio	7	100.0%	4.00	3.75	3.14
Studio Art: Drawing Portfolio	4	100.0%	4.50	3.86	3.55
English Language and Composition	373	58.7%	2.88	3.06	2.77
English Literature and Composition	365	73.4%	3.16	3.15	2.68
Comparative Government and Politics	19	68.4%	3.11	3.40	3.24
European History	160	65.0%	3.06	2.85	2.81
Human Geography	641	54.0%	2.70	2.71	2.53
Macroeconomics	7	85.7%	4.00	3.79	2.84
Microeconomics	6	100.0%	3.67	3.78	3.18
Psychology	262	77.9%	3.58	3.49	3.05
United States Government and Politics	343	59.8%	2.87	2.95	2.58
United States History	562	55.5%	2.75	2.82	2.64
World History	432	56.9%	2.77	2.85	2.76
Calculus AB	110	45.5%	2.54	3.25	2.91
Calculus BC	237	73.4%	3.32	3.66	3.78
Computer Science A	8	25.0%	2.00	2.85	3.13
Computer Science Principles	16	87.5%	3.44	3.42	3.16
Statistics	340	53.8%	2.72	3.16	2.69
Biology	156	78.8%	3.30	3.03	2.89
Chemistry	79	36.7%	2.20	2.79	2.63
Environmental Science	32	59.4%	2.84	2.85	2.66
Physics 1	84	35.7%	2.20	2.59	2.36
Physics 2	17	76.5%	2.88	3.01	2.89
Physics C: Electricity and Magnetism	24	33.3%	2.33	2.86	3.42
Physics C: Mechanics	47	59.6%	2.96	3.35	3.69
Chinese Language and Culture	6	100.0%	4.50	4.06	4.31
French Language and Culture	14	57.1%	2.79	2.93	3.21
Spanish Language and Culture	192	88.0%	3.56	3.39	3.60

Any questions?

