# A-F LETTER GRADE OVERVIEW
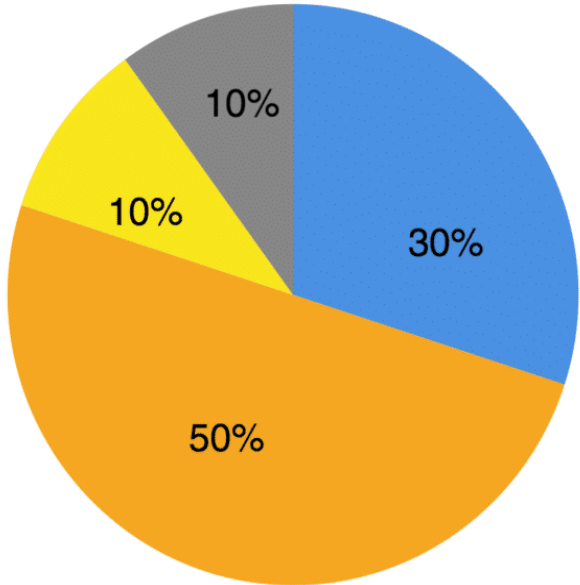
2017

ASSESSMENT AND PROGRAM EVALUATION UNIT (A&E)

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# ALLOCATION OF POINTS FOR A-F LETTER GRADES



## K -8

- 30% Proficiency (blue)
- 50% Growth (orange)
- 10% Proficiency & Growth of English Learners (5% each) (yellow)
- 10% Acceleration Measures (grey)

Legend:
- Proficiency
- Growth
- Proficiency & Growth of English Learners (5% each)
- Acceleration Measures (i.e. inclusion of students with disabilities in general education, growth of subgroups, decreases in chronic absenteeism)

## High School

- 30% Proficiency (blue)
- 20% Growth (orange)
- 10% Proficiency & Growth of English Learners (5% each) (yellow)
- 20% College & Career Readiness Indicators (grey)
- 20% High School Graduation Rates (dark blue)
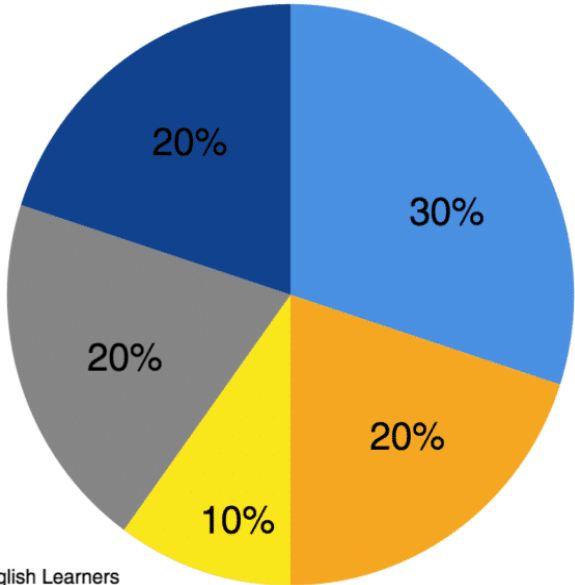
Legend:
- Proficiency
- Growth
- Proficiency & Growth of English Learners (5% each)
- College & Career Readiness Indicators (i.e. SAT, ACT, CTE skills attainment and AP)
- High School Graduation Rates

# PROFICIENCY – 30 POINTS

- WHAT ASSESSMENTS ARE USED:
    - AZMERIT ELA AND MATH
    - MSAA ALTERNATIVE ASSESSMENTS
    - AIMS SCIENCE AND AIMS-A SCIENCE

- WHO IS COUNTED:
    - FAY STUDENTS ONLY
    - ALL GROUPS MUST HAVE A MINIMUM OF 20 STUDENTS, PER INDICATOR TO COUNT

- HOW: PROFICIENCY CALCULATION:
    - 0.0 = MP
    - 0.6 = PP
    - 1.0 = P
    - 1.3 = HP

# SGP/SGT (50% FOR K-8 AND 20% FOR HS)

- ## STUDENT GROWTH PERCENTILE - SGP (HALF OF GROWTH POINTS)

  - STUDENTS ARE CLASSIFIED AS LOW (1-33), AVERAGE (34-66) OR HIGH (67-99).  GROWTH IS BASED ON AZMERIT PRIOR YEAR PERFORMANCE (MP, PP, P, HP) COMPARED TO CURRENT YEAR PERFORMANCE IN ELA AND MATH.

- ## STUDENT GROWTH TO TARGET - SGT (HALF OF GROWTH POINTS)

  - STUDENTS ARE ASSIGNED A TARGET NEEDED TO GET TO PROFICIENCY WITHIN 3 YEARS OR 8TH GRADE, WHICHEVER COMES FIRST.  STUDENTS GET POINTS IF THEY HIT THEIR ANNUAL TARGET, WITH LOWER PERFORMING STUDENTS  WHO HIT THEIR TARGET GETTING THE MOST POINTS

### SGP

|     | Low  | Average | High |
|-----|------|---------|------|
| HP  | 0.00 | 0.50    | 1.00 |
| P   | 0.00 | 0.70    | 1.20 |
| PP  | 0.00 | 0.90    | 1.80 |
| MP  | 0.00 | 1.00    | 2.00 |

### SGT

|     | Below | At/Near | Above |
|-----|-------|---------|-------|
| HP  | 0.00  | 0.50    | 1.00  |
| P   | 0.00  | 0.70    | 1.20  |
| PP  | 0.00  | 0.90    | 1.80  |
| MP  | 0.00  | 1.00    | 2.00  |

# HOW SGP GROWTH IS CALCULATED

- ACADEMIC PEERS ARE STUDENTS WHO PERFORMED SIMILARLY ON PRIOR TESTS.

- STUDENTS CAN BE GROUPED BASED ON ONE PRIOR YEAR, BUT OFTEN THE STUDENT GROUPS ARE BASED ON AS MANY YEARS DATA AS ARE AVAILABLE.  (E.G. AZMERIT 2014)

- ONCE THE STUDENTS ARE GROUPED, THEIR PERFORMANCE ON THE CURRENT TEST DETERMINES THE GROWTH PERCENTILE.

- STUDENTS ARE LABELED LOW (0-33 SGP), AVERAGE (34-65) OR HIGH (66+)
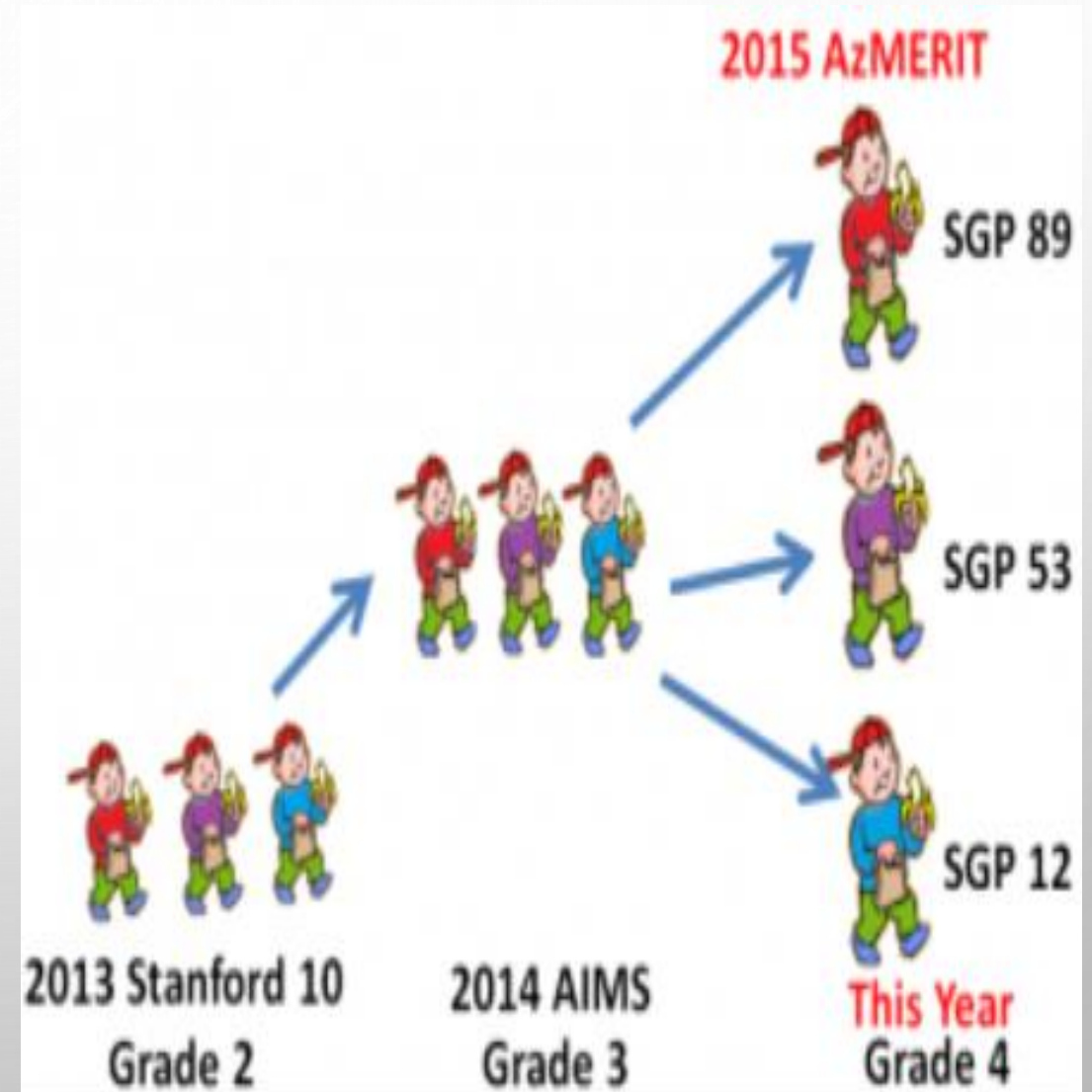
# HOW SGT GROWTH TO TARGET IS CALCULATED
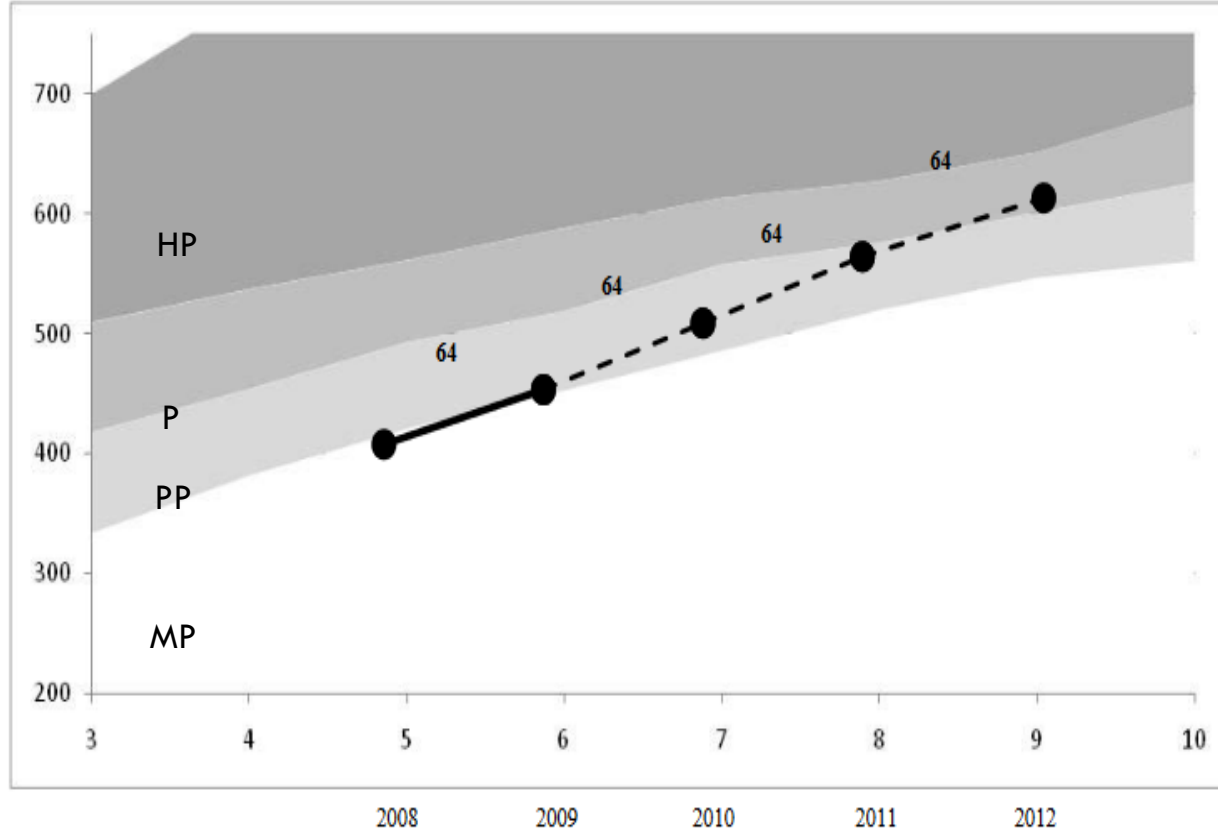


- THE GROWTH TO TARGET MODEL TYPICALLY DEFINES A BASELINE YEAR, SUCH AS THIRD GRADE OR THE FIRST GRADE TESTED.

- THE STUDENT THEN HAS A GROWTH TRAJECTORY CALCULATED SO THAT THE STUDENT IS AT PROFICIENT WITHIN THREE TO FOUR YEARS OR BY EIGHTH GRADE.

- STUDENTS GET THE POINTS IF THEY MEET OR EXCEED THEIR TARGET

- LOWER PERFORMING STUDENTS GET THE MOST POINTS FOR HITTING THEIR TARGET

DISTRIBUTION OF TUSD PRELIMINARY LETTER GRADES
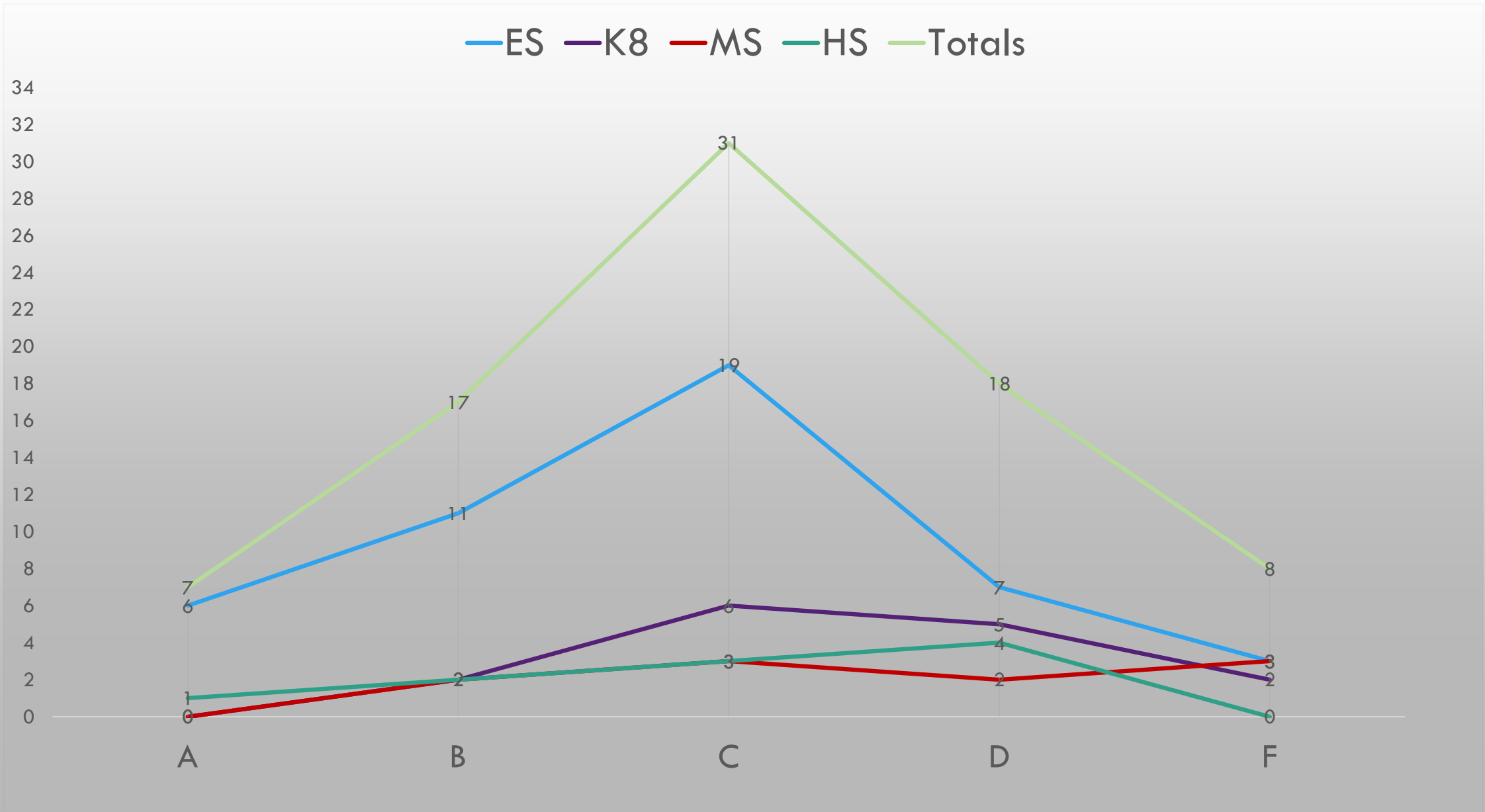
PERCENT OF TUSD LETTER GRADES BY SCHOOL TYPE
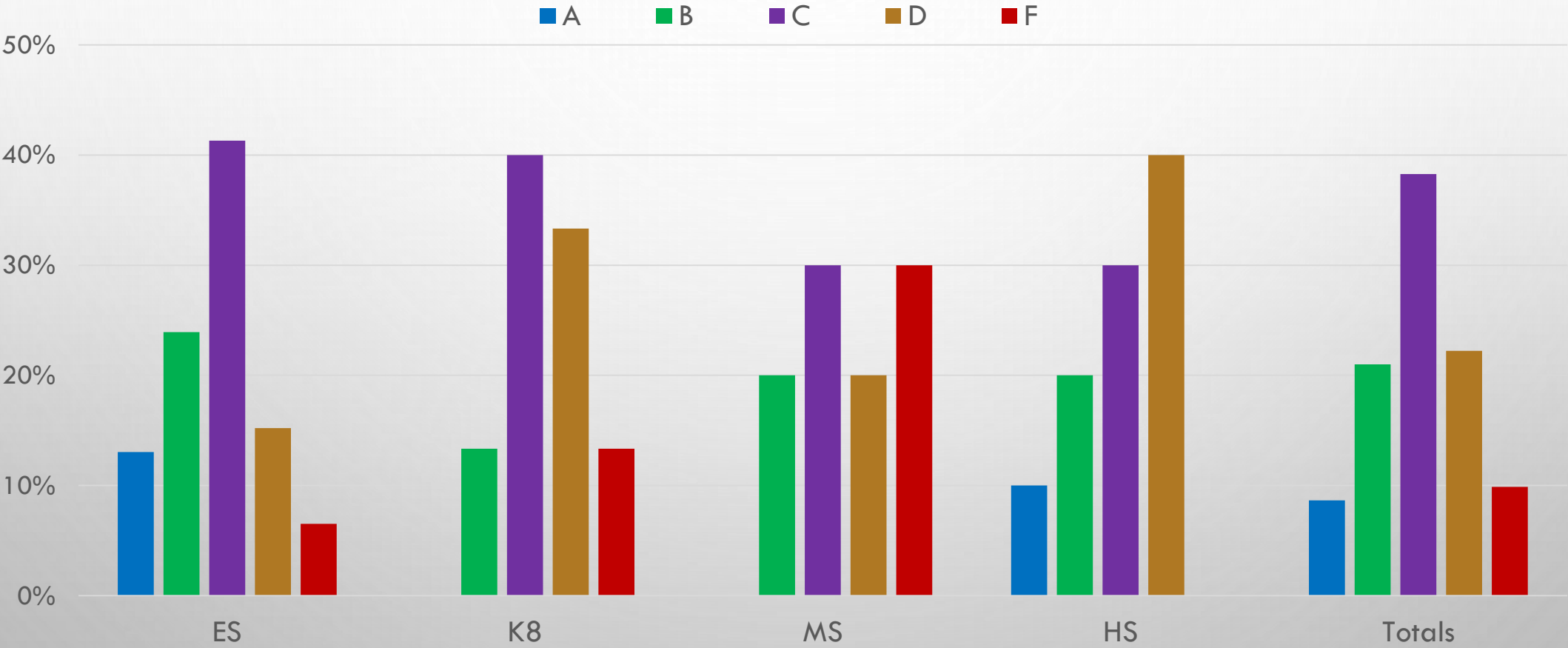
# ELEMENTARY SCHOOLS WITHIN 2 POINTS OF THE NEXT LETTER GRADE (N=46 SCHOOLS)

- **'B'** SCHOOLS 2 OR LESS POINTS AWAY FROM AN 'A' (86 – 100 PTS)
  - DUNHAM        85 POINTS
  - WRIGHT        84 POINTS

- **'C'** SCHOOLS 2 OR LESS POINTS AWAY FROM AN 'B' (74 - 85 PTS)
  - OYAMA          73 POINTS
  - BORTON         73 POINTS
  - MISSION VIEW   73 POINTS
  - MARSHALL       73 POINTS
  - TULLY          72 POINTS
  - BLENMAN        72 POINTS

- **'D'** SCHOOLS 2 OR LESS POINTS AWAY FROM A 'C' (62 - 73 PTS
  - NA

- **'F'** SCHOOLS 2 OR LESS POINTS AWAY FROM A 'D' OR 50 - 61 PTS
  - NA

# K-8 SCHOOLS WITHIN 2 POINTS OF THE NEXT LETTER GRADE (N=15 SCHOOLS)

- '**B**' SCHOOLS 2 OR LESS POINTS AWAY FROM AN 'A' (86 – 100 PTS)
  - NA

- '**C**' SCHOOLS 2 OR LESS POINTS AWAY FROM AN '**B**' (74 - 85 PTS)
  - C.E. ROSE      72 POINTS

- '**D**' SCHOOLS 2 OR LESS POINTS AWAY FROM A '**C**' (62 - 73 PTS
  - ROSKRUGE      61 POINTS

- '**F**' SCHOOLS 2 OR LESS POINTS AWAY FROM A '**D**' OR 50 - 61 PTS
  - NA

# MIDDLE SCHOOLS WITHIN 2 POINTS OF THE NEXT LETTER GRADE (N=10 SCHOOLS)

- 'B' SCHOOLS 2 OR LESS POINTS AWAY FROM AN 'A' (86 – 100 PTS)
  - NA

- 'C' SCHOOLS 2 OR LESS POINTS AWAY FROM AN 'B' (74 - 85 PTS)
  - NA

- 'D' SCHOOLS 2 OR LESS POINTS AWAY FROM A 'C' (62 - 73 PTS
  - NA

- 'F' SCHOOLS 2 OR LESS POINTS AWAY FROM A 'D' OR 50 - 61 PTS
  - PISTOR          48 POINTS

# HIGH SCHOOLS WITHIN 2 POINTS OF THE NEXT LETTER GRADE (N=10 SCHOOLS)

- 'B' SCHOOLS 2 OR LESS POINTS AWAY FROM AN 'A' (86 – 100 PTS)
  - NA

- 'C' SCHOOLS 2 OR LESS POINTS AWAY FROM AN 'B' (71 - 85 PTS)
  - TUCSON HIGH        70 POINTS

- 'D' SCHOOLS 2 OR LESS POINTS AWAY FROM A 'C' (56 - 70 PTS
  - CATALINA HIGH        54 POINTS

- 'F' SCHOOLS 2 OR LESS POINTS AWAY FROM A 'D' OR 41 - 55 PTS
  - NA

# CONCLUSION

- NEW AZMERIT LETTER GRADE FORMULA VERY DIFFERENT FROM OLD AIMS LETTER GRADE
  - GREATER EMPHASIS ON GROWTH
  - INTRODUCTION OF SCHOOL-BASED INDICATORS
  - LESS EMPHASIS ON PROFICIENCY
  - LETTER GRADES ARE PRELIMINARY AT THIS POINT

- TUSD PLAN
  - A-F LETTER GRADES PROVIDES VALUABLE INFORMATION
  - A&E AND ACADEMIC DIRECTORS ARE CURRENTLY MEETING WITH EACH SCHOOL'S LEADERSHIP TEAM AT THEIR SCHOOL TO:
    - EXPLAIN HOW THE GRADE WAS CALCULATED
    - EXAMINE WHAT THE DATA SAYS
    - PLAN FOR NEXT STEPS
  - PRIORITY ON 'D' AND 'F' SCHOOLS