



Arizona's EL Accountability System and EL Data Trends

Dr. J. David Selby
Arizona Department of Education

Topics to be Covered



The Accountability System

- Accountability Systems
- EL proficiency formula
- EL growth formula
- Accountability and COVID-19
- EL points distributions across the state 2020 to 2021
- ADE Connect
- Resources & Contact US

Accountability Information



Updates Available Through *The Grader*

- *The Grader* is a Newsletter that is used to communicate with schools
- Available through the Accountability and Research webpage



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Welcome to Accountability & Research

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Accountability Systems



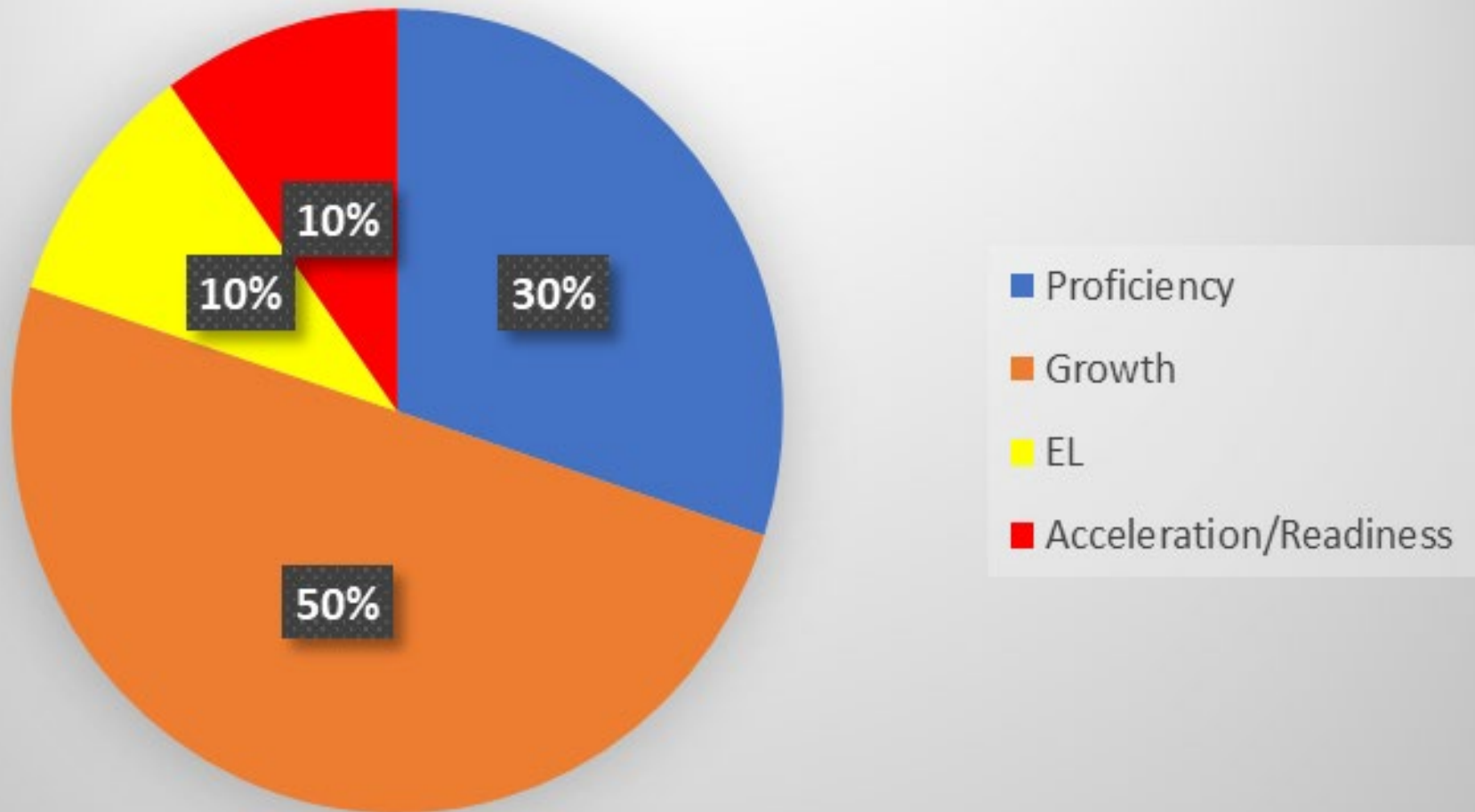
- State Accountability
 - A-F letter Grades
 - Every Eligible school gets a grade
- State Models
 - K-8 Model
 - 9-12 Model
 - 9-12 Alt Model
- Federal Accountability
 - CSI/aTSI/TSI
 - Lowest performing schools identified for School Improvement
- Federal Models
 - K-8
 - 9-12
 - K-2
 - K-12
 - K-11

EL is always 10% and calculated the same way

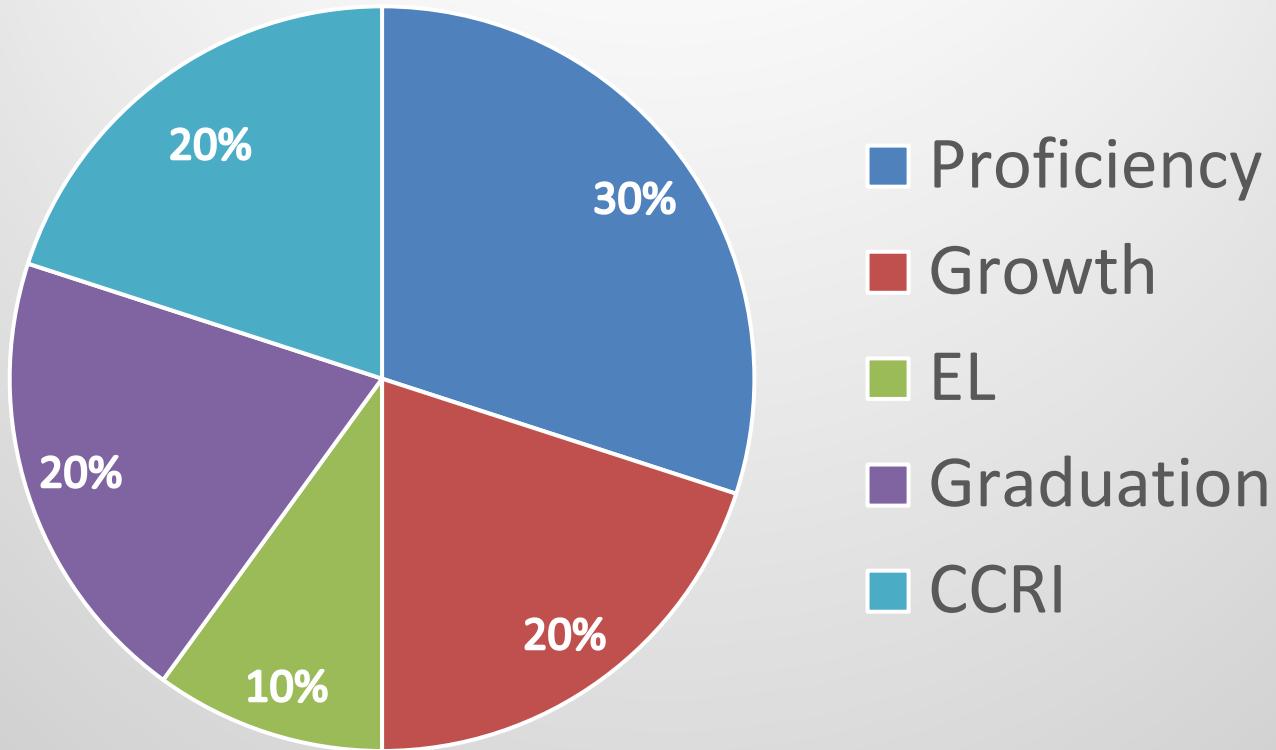
K-8 Model



K-8 Indicator Weights



9-12 Model



The EL Indicator



EL Proficiency on AZELLA

- 5% of the overall letter grade model
 - 50% of the EL Indicator

EL Growth on the AZELLA

- 5% of the overall letter grade model
 - 50% of the EL Indicator

EL proficiency and growth points are calculated separately then are summed together for an overall EL points score



Requirements

- Must be identified as an EL student
- Must be enrolled within the first ten days of the school year
- Must stay enrolled through the end of the NORMAL AZELLA testing window (March 19, 2021)
- AZELLA Testing Window THIS YEAR Closed May 21, 2021
- AzM2 FAY, for all other indicators, is defined as enrolled within the first ten days of school through the first weekday in May (May 3rd for 2020-2021)

EL Business Rules (Proficiency)



- EL calculations include students with a current or prior year EL need and are EL FAY
- Schools with less than 10 EL FAY students are not eligible for points
- To earn proficiency points, the school's current year EL percent proficient is compared to the Statewide current year percent proficient

Proficiency Formulas



School Proficiency

$$EL \text{ Proficiency } \% = 100 \left[\frac{\text{(No. of FAY students proficient on AZELLA)}}{\text{(No. of FAY students with an EL need, including parent withdrawals, who had a valid current AZELLA proficiency level)}} \right]$$

Statewide Proficiency

$$EL \text{ K} - 8 \text{ Statewide CY Proficiency } \% = 100 \left[\frac{\text{(Sum of School Averages that have the necessary FAY n - count)}}{\text{(No. of Schools that have the necessary FAY n - count to be eligible for points)}} \right]$$

EL Business Rules (Growth)



- For a student to be included in EL growth calculations, two test records are required (Current year and prior year AZELLA test records)
- Schools with less than 10 FAY EL students are not eligible for points
- Growth is the difference between prior year and current year AZELLA scores
- If they are in Kindergarten, or have no prior year score, then the fall placement and spring reassessment are compared
- **For non-Kindergarten students, placement tests can only be used if completed between July 1st and October 1st of the current school year**
- To earn growth points, the school's current year EL percent growth is compared to the Statewide current wide year percent growth

EL Business Rules (Growth)



- The table below shows how many points each level of growth is worth.

Prior Achievement Level	Current Achievement Level	Point Value
Pre-Emergent/Emergent Basic Intermediate/High Intermediate	Basic Intermediate Proficient	1
Pre-Emergent/Emergent Basic	Intermediate Proficient	2
Pre-Emergent/Emergent	Proficient	3

Growth Formulas



School Growth

$$EL \text{ Growth} = 100 \left[\frac{\left(\begin{array}{l} \text{(No. of FAY students who increased one proficiency level)} \\ + \text{(No. of FAY student who increased two proficiency levels x 2.0)} \\ + \text{(No. of FAY students who increased three proficiency levels X 3.0)} \end{array} \right)}{\text{No. of FAY students tested with an EL need, including parent} \\ \text{withdrawals with a valid current and prior year AZELLA proficiency level}} \right]$$

Statewide Growth

EL Statewide CY Proficiency %

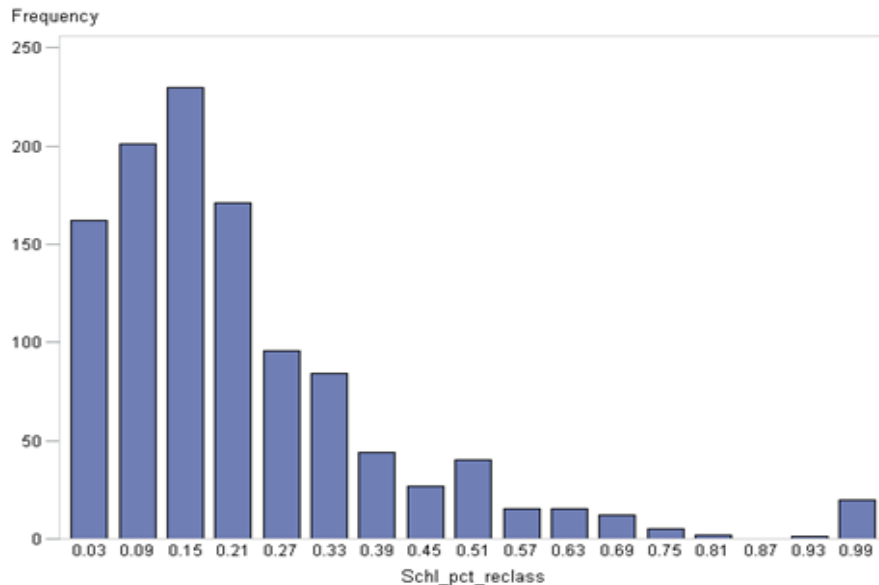
$$= 100 \left[\frac{\text{(Sum of School Averages that have the necessary AZELLA FAY n – count)}}{\text{(No. of Schools that have the necessary AZELLA FAY n – count to be eligible for points)}} \right]$$

Normalizing EL Data

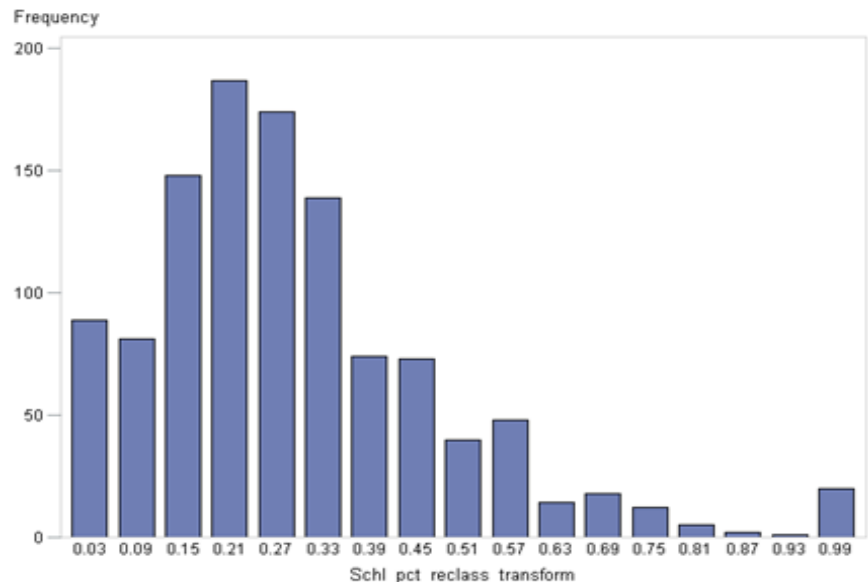


- EL data is not normally distributed
- Proficiency and growth data are normalized for accountability
- Why do we normalize data? So we can assign points based on a normal distribution

Before Transformation



After Transformation



EL Business Rules (Scoring)



Criteria	Standard Deviations Away from the Statewide Mean	Points Received
School's EL Proficiency/Growth is compared to the statewide mean	Greater than the mean	5
School's EL Proficiency/Growth is compared to the statewide mean	0.01 to 0.50 Below the mean	4
School's EL Proficiency/Growth is compared to the statewide mean	0.51 to 1.00 Below the mean	3
School's EL Proficiency/Growth is compared to the statewide mean	1.01 to 2.00 Below the mean	2
School's EL Proficiency/Growth is compared to the statewide mean	2.01 to 3.00 Below the mean	1
School has 0 proficiency and growth		0

*Must have at least 10 EL FAY for both *Proficiency* and *Growth* to receive EL points

Accountability and COVID-19



- 2020-2021: Letter Grades Not Issued
- 2019-2020: Previous Year's Letter Grades rolled over
- Covid-19 Data Challenge for 2020-2021
 - EL student could receive services without placement test
 - More Initially proficient students (IFEP)
 - IFEPs removed from calculations

Results

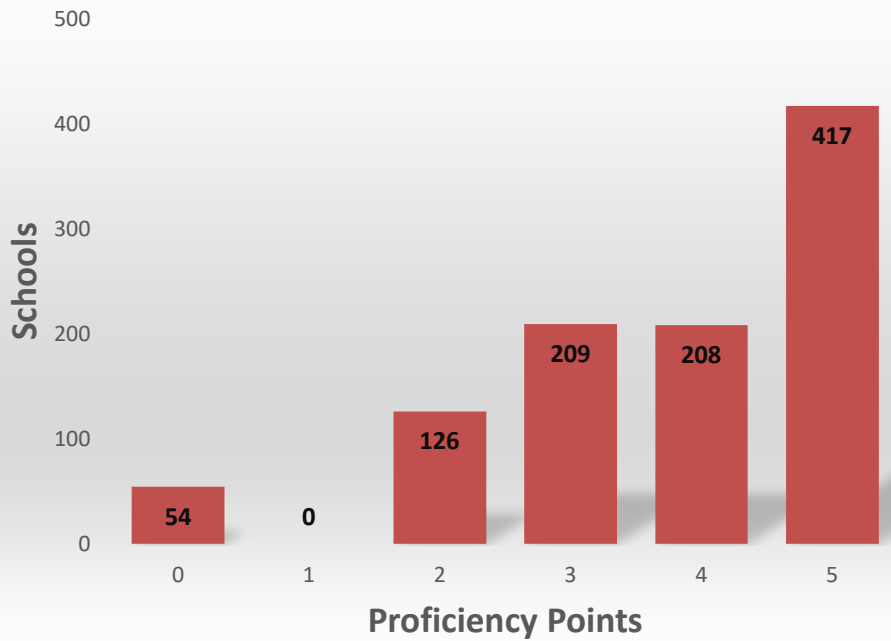


- Results are preliminary
- Fewer Eligible Schools
- 95% tested in 2020
- 94% tested in 2021

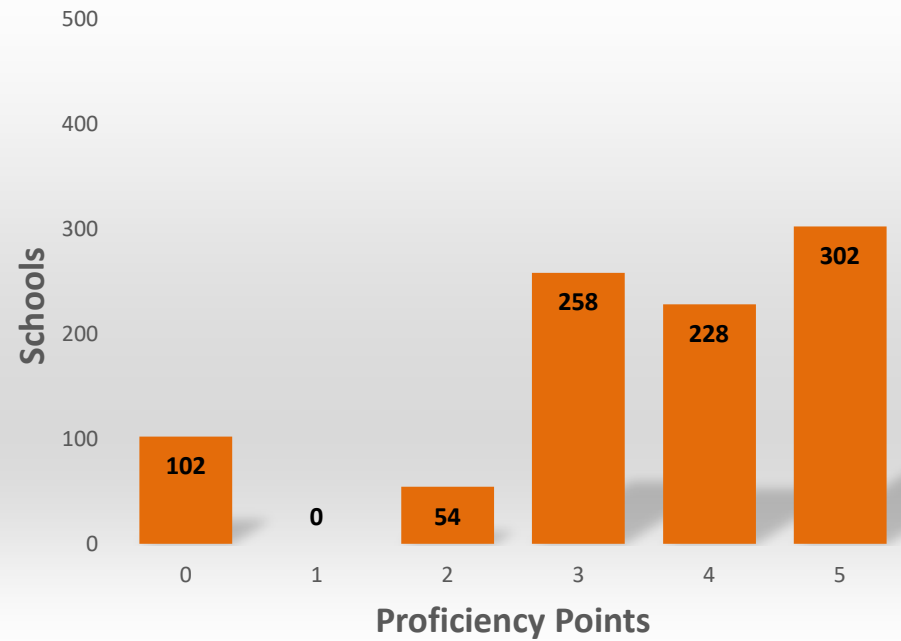
EL Proficiency Points – K-8 Schools



2019-2020



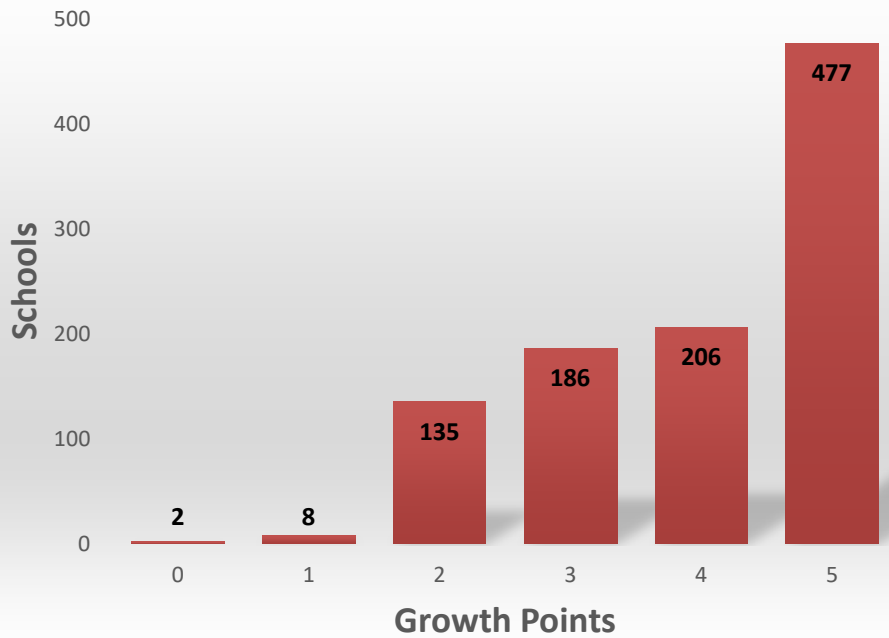
2020-2021



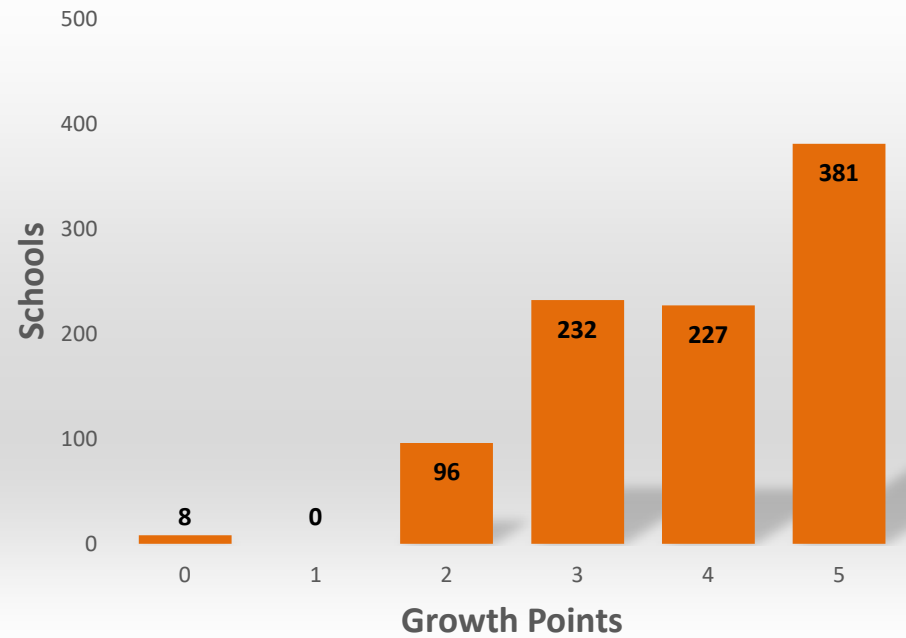
EL Growth Points – K-8 Schools



2019-2020



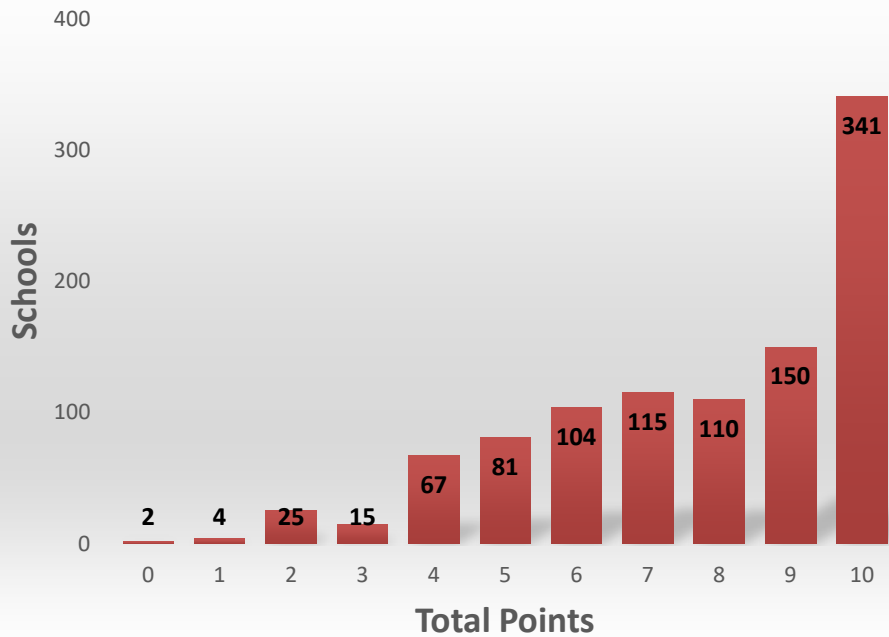
2020-2021



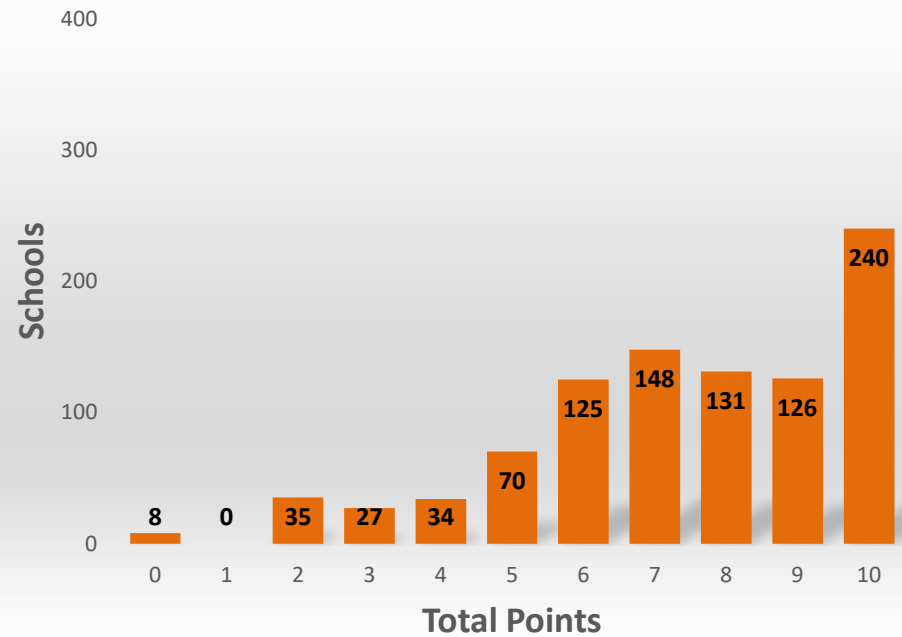
EL Total Points – K-8 Schools



2019-2020



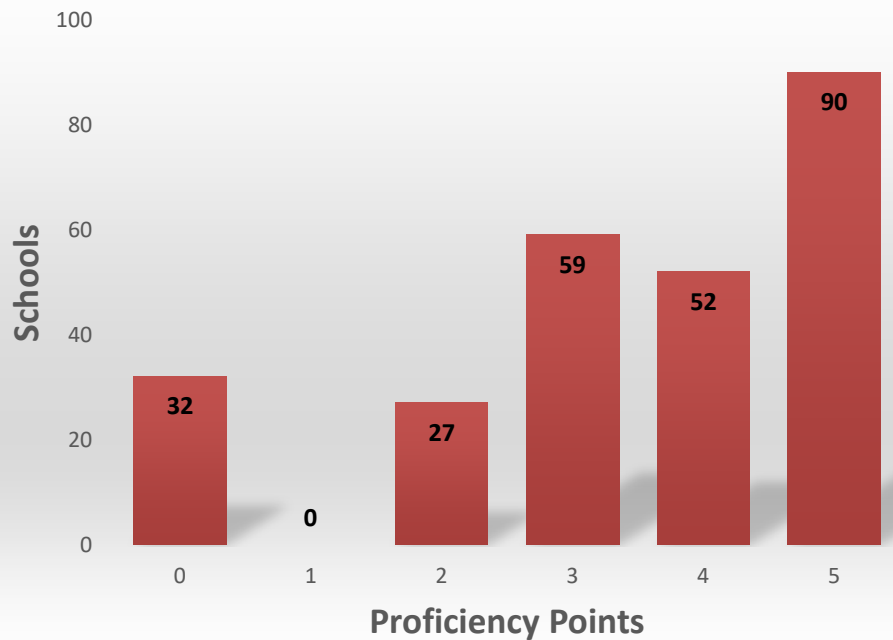
2020-2021



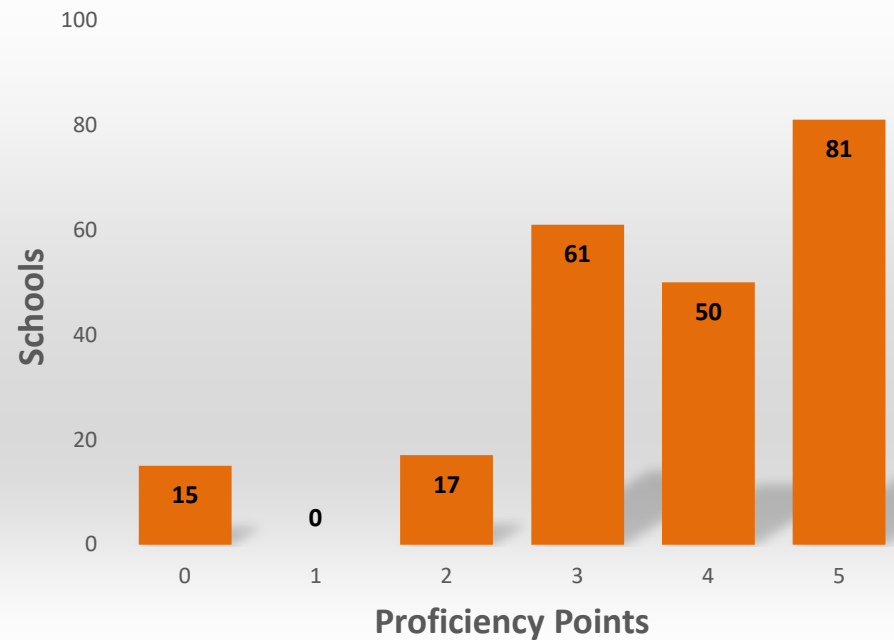
EL Proficiency Points – 9-12 Schools



2019-2020



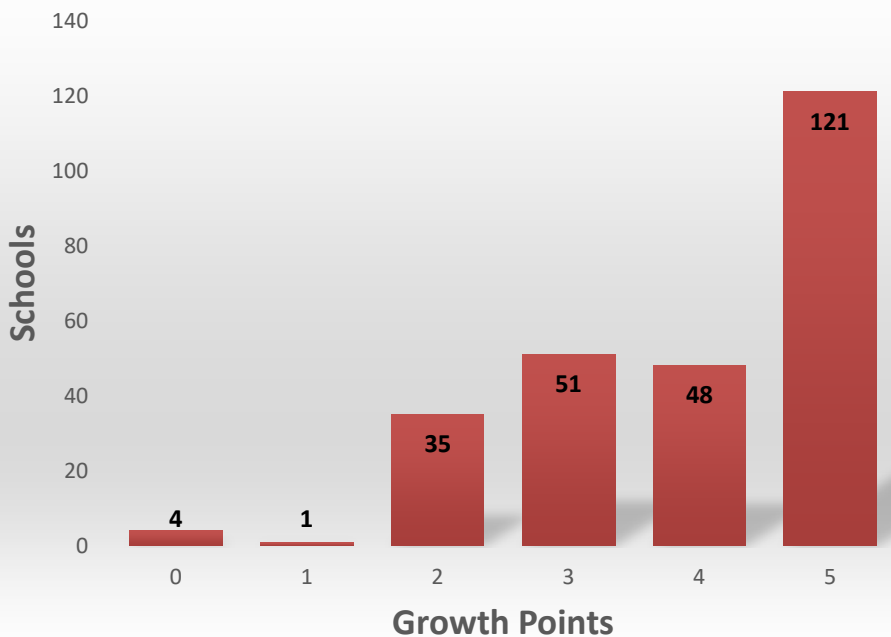
2020-2021



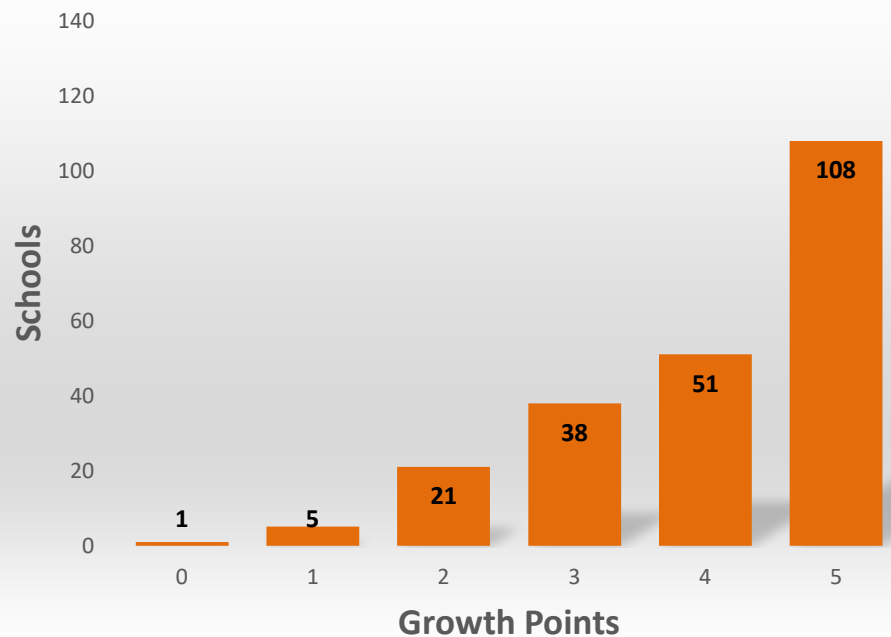
EL Growth Points – 9-12 Schools



2019-2020



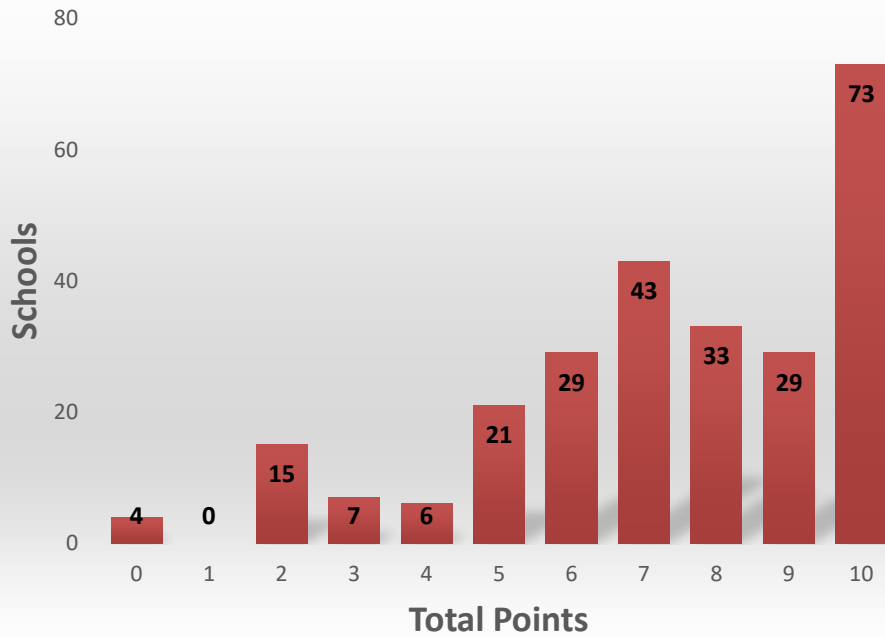
2020-2021



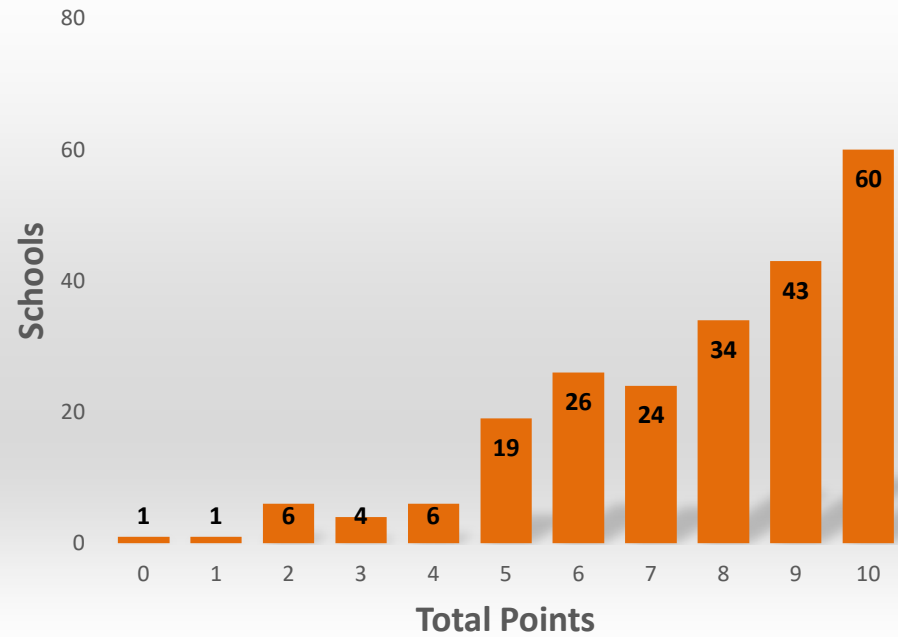
EL Total Points – 9-12 Schools



2019-2020



2020-2021





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Timeline of Releases



August 2021	<ul style="list-style-type: none">• Static File Release v2.0• Late-August: First release of school-level aggregated data available in ADEConnect
September 2021	<ul style="list-style-type: none">• Static File Release v3.0• Potential updates to school-level aggregated data available in ADEConnect• AZELLA Public File
October 2021	<ul style="list-style-type: none">• Components Reported to State Board
Nov-Dec 2021	<ul style="list-style-type: none">• COVID Impact Reporting• EL report by HELIOS

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Website	https://www.azed.gov/accountability-research
Email	Achieve@azed.gov
Phone Number	(602) 542-5151
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Data Request	https://www.azed.gov/data/data-request-form

Questions

