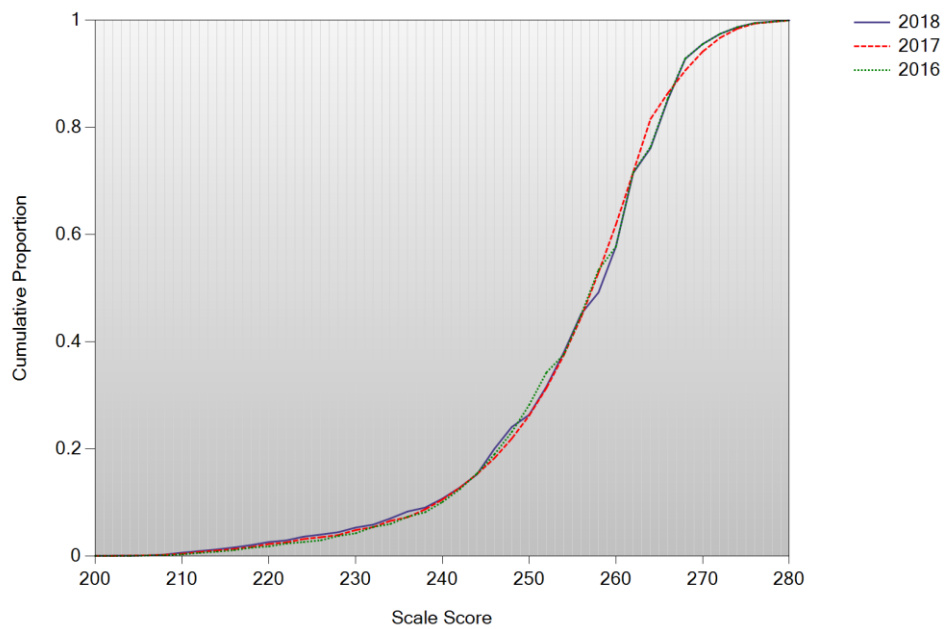


**APPENDIX N**

**CUMULATIVE SCALED SCORE  
DISTRIBUTION GRAPHS**

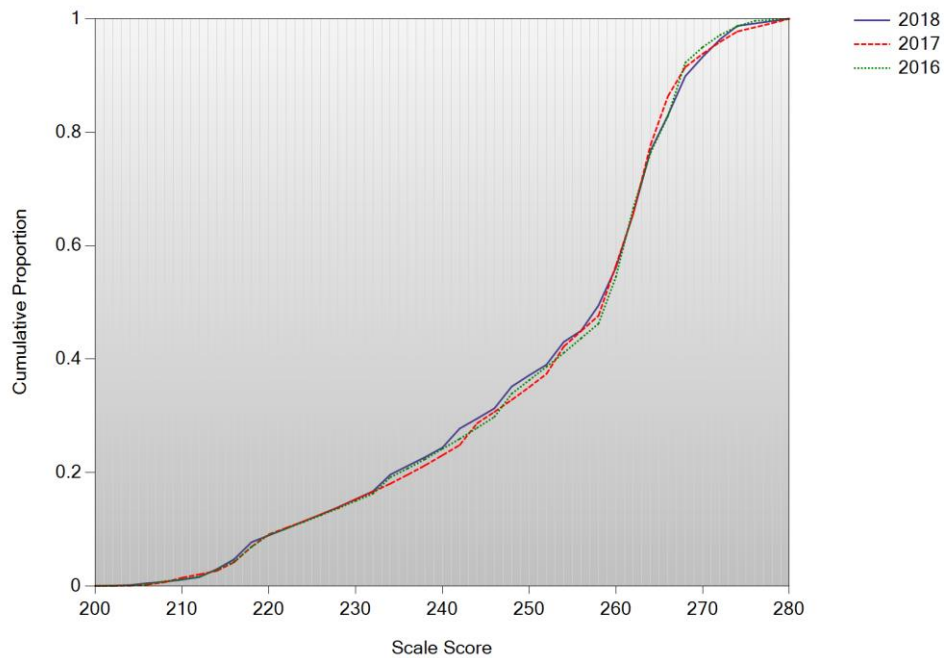
**Figure N-1. 2018 Legacy MCAS Cumulative Distribution Plot –  
ELA Grade 10**

Cumulative Scale Score Distributions: English Language Arts Grade 10

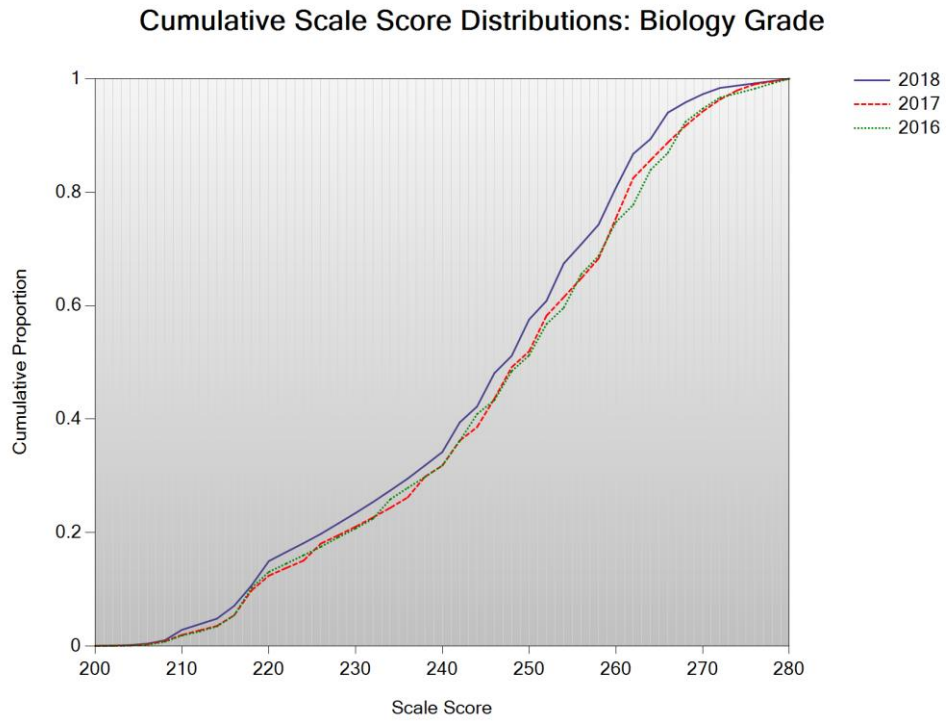


**Figure N-2. 2018 Legacy MCAS Cumulative Distribution Plot –  
Mathematics Grade 10**

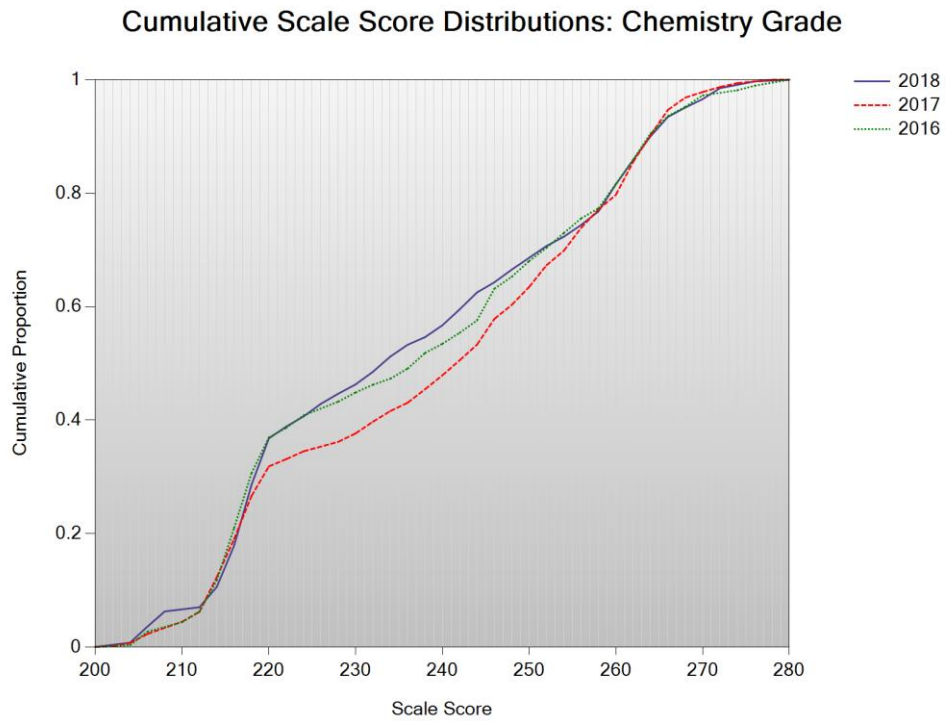
Cumulative Scale Score Distributions: Mathematics Grade 10



**Figure N-3. 2018 Legacy MCAS Cumulative Distribution Plot –  
Biology Grade HS**

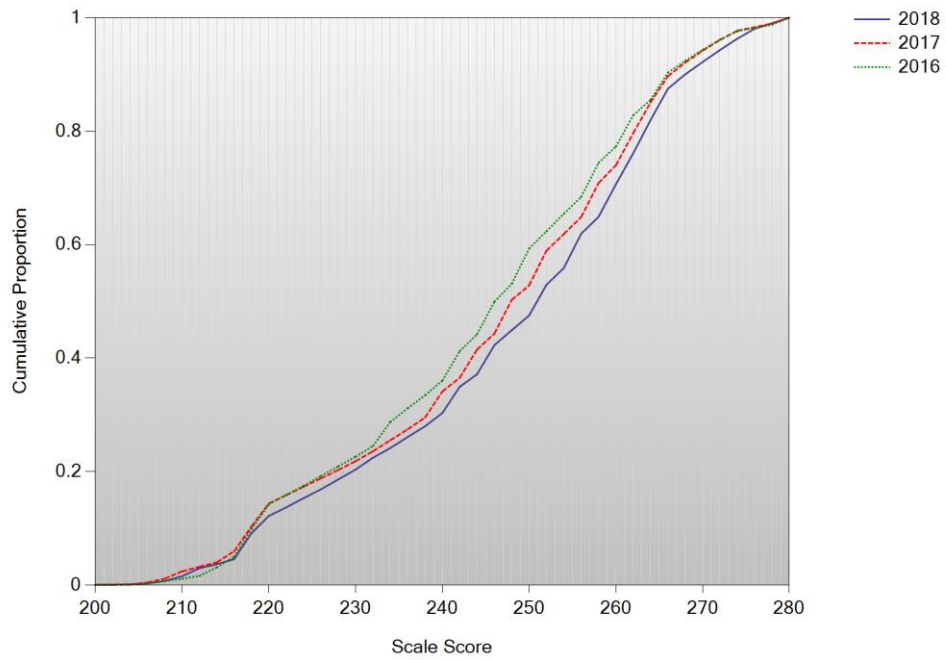


**Figure N-4. 2018 Legacy MCAS Cumulative Distribution Plot –  
Chemistry Grade HS**



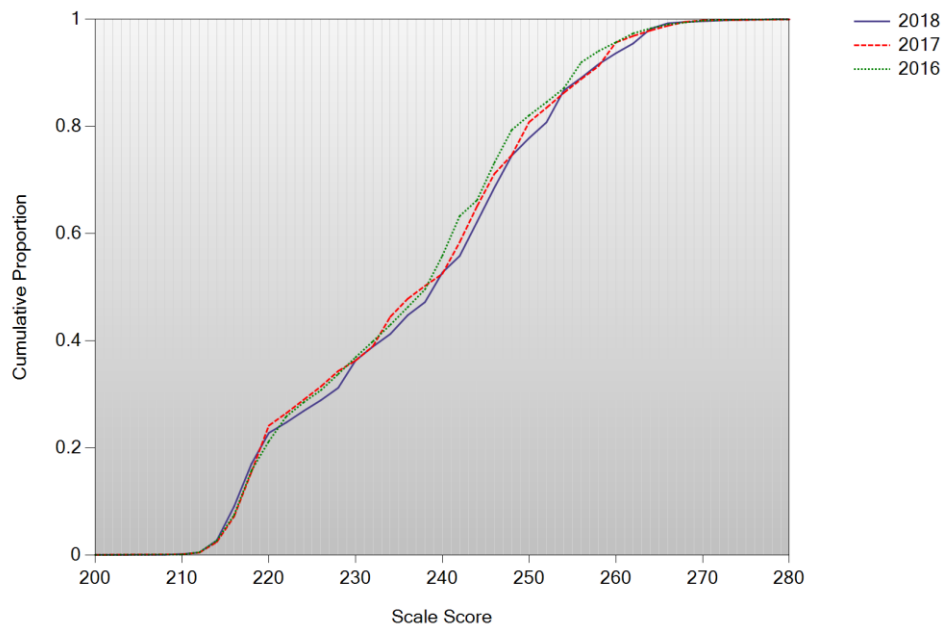
**Figure N-5. 2018 Legacy MCAS Cumulative Distribution Plot –  
Introductory Physics Grade HS**

**Cumulative Scale Score Distributions: Physics Grade**

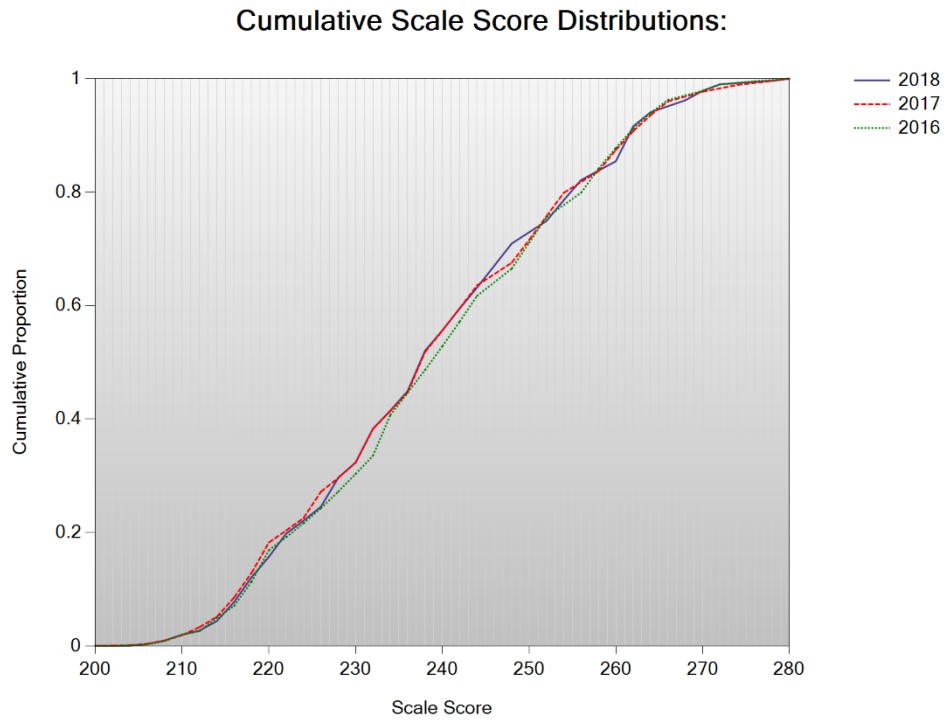


**Figure N-6. 2018 Legacy MCAS Cumulative Distribution Plot –  
Technology and Engineering Grade HS**

**Cumulative Scale Score Distributions: Technology and Engineering Grade**



**Figure N-7. 2018 Legacy MCAS Cumulative Distribution Plot – Science Grade 5**



**Figure N-8. 2018 Legacy MCAS Cumulative Distribution Plot – Science Grade 8**

