Update to 2019-2020 Report Card Information

The U.S. Department of Education has provided states the ability to seek one-year waivers from the Every Student Succeeds Act's (ESSA) testing and accountability requirements. The Ohio General Assembly subsequently passed emergency legislation canceling the spring administration of Ohio's State Tests and waiving report card requirements other than reporting of some limited, available data. The legislation also put in place a "Safe Harbor" period for many elements of the accountability system. Accordingly, the Ohio Department of Education sought and received a federal ESSA waiver for the 2019-2020 school year.

This technical document details how the measure or calculation works in a typical school year. Ohio School Report Cards, Dropout Prevention and Recovery report cards and Career-Technical Planning District report cards all have multiple measures that use assessment data that are not available or are substantially limited this year.

Please visit the Report Card FAQ website for more information about data availability for the 2019-2020 report cards.

Contact accountability@education.ohio.gov with additional questions.

Understanding Annual Measurable Objectives

Description: **Annual Measurable Objectives (AMOs)** measure the academic performance of specific groups of students, such as racial and demographic groups. Each of these groups is compared to the expected performance goals for that subgroup to determine if gaps exist. Ohio has made strides over the years to reduce these gaps. However, much work still is needed to *eliminate* achievement gaps and bring all students up to the same high level of achievement.

Subgroups: In 2020, the Gap Closing grade consists of four domains: ELA, math, graduation rate, and English Language Proficiency (ELP) progress for English Learners. Each measured domain is weighted equally to assign an overall grade on the Report Card. In 2020, a school or district is evaluated for a subgroup as long as there are at least 15 students in the subgroup. The English language proficiency domain evaluates only the broad category of English Learners. The other three domains evaluate these student groups if there are enough in the school or district:

- All Students;
- American Indian/Alaskan Native;
- Asian/Pacific Islander;
- Black, non-Hispanic;
- Hispanic;
- Multiracial;
- White, non-Hispanic;
- Economically Disadvantaged;
- Students with Disabilities; and
- English Learners

AMO Goals: As written in Ohio's ESSA plan, there are different AMO's set for ELA, math, and graduation rate for each student group. ELA and Math AMOs are measured through a Performance Index (PI) score calculation that differentiates tests by proficiency level (see separate documentation on this calculation). They include grades 3-8 state tests as well as first-time EOC tests. Graduation rate AMOs are set based on each subgroup's Four-Year-Adjusted-Cohort graduation rate. The fourth domain—English Language Proficiency—is measured through the percent of English Learners making adequate progress towards English Language Proficiency, defined as either a 1- or 2-point annual increase in the number of points earned on the OELPA (For more information, see separate technical documentation on ELP Improvement). The current year AMOs and the long-term goals expected by the 2025-2026 school year are reproduced below.

Target AMO's								
Group	2019-2020 ELA PI	2025-2026 ELA PI	2019-2020 Math PI	2025-2026 Math PI	2019-2020 Grad Rate	2025-2026 Grad Rate	2019-2020 ELP Progress	2025-2026 ELP Progress
All Students	87.8	100.0	88.2	100.0	87.0%	93.0%	--	--
Economically Disadvantaged	74.0	83.8	74.3	84.0	77.1%	85.7%	--	--
Students with Disabilities	62.0	76.3	62.8	76.8	75.4%	84.6%	--	--
English Learners	69.4	80.9	73.4	83.4	63.5%	77.2%	57.0%	75.0%
Black	67.4	79.7	65.6	78.5	72.0%	82.5%	--	--
American Indian or Alaskan Native	81.0	88.1	79.4	87.1	81.1%	88.2%	--	--
Asian or Native Hawaiian/Other Pacific Islander	93.2	95.8	98.0	98.8	89.8%	93.0%	--	--
Hispanic or Latino	75.0	84.4	75.4	84.6	77.6%	86.0%	--	--
Multiracial	80.7	88.0	80.2	87.6	82.2%	88.9%	--	--
White	87.8	92.4	89.0	93.1	89.6%	93.0%	--	--

Grades: Each school or district is assigned a subcomponent score for ELA, math, graduation, and ELP. Within each subcomponent, each subgroup meeting the minimum N-size in the current year is evaluated. There are three opportunities for a subgroup to earn points towards the Gap Closing grade.

1) Meet the Current Year Interim Goal
If the subgroup's current year ELA PI, Math PI, Graduation rate, or ELP Progress percent is greater than or equal to the interim (2019-2020) goal, then 100 points are assigned.

2) Move Closer to the Long-Term Goal
If a subgroup's current year ELA PI, Math PI, Graduation rate, or ELP Progress percent is less than the interim goal, a subgroup still is able to earn full points. A school or district's subgroup is expected to close the current year gap by 10%. If this is accomplished, 100 points are earned. If this is not done, then partial points are assigned as follows. Each calculation uses the same formula, but for purposes of the example, the graduation rate is used:

$$\left(\frac{\text{Current Year Grad Percentage} - \text{Previous Year Grad Percentage}}{\text{AMO 2026 Goal} - \text{Current Year Grad Percentage}} \right) \times 1000 = \left(\frac{\text{Amount of Improvement}}{\text{Current Year Gap}} \right) \times 1000 = \text{Points}$$

Note that an "improvement" calculation only will be done if the subgroup's was evaluated in the preceding year. For the purposes of the 2019-2020 Report Card, this means that a school or district's subgroup must have contained at least 20 students in 2019 for points to be calculated under this option.

3) *Value-Added*

For math and ELA only, ODE will receive value-added gains from SAS, its value-added vendor. These gains will be used as another way for a subgroup to show improvement and meet the AMO. If a subgroup's composite math or composite ELA value-added score equals +1.0 or higher, then the AMO is met and 100 points are assigned.

A subcomponent score is the sum of all points for all evaluated subgroups in an LEA or school divided by the total possible points based on number of the subgroups assessed for that subcomponent and reported as a percentage. To arrive at the overall AMO letter grades, the three subcomponent percentages are averaged together. 100 points is the maximum that can be earned by any single subgroup in a domain while 0 is the minimum.

To arrive at the overall Gap Closing letter grade, the four subcomponent percentages are averaged together. Preliminary letter grades are then assigned using the following grading scale.

Score	Letter Grade
90% - 100%	A
80% - 89.9%	B
70% - 79.9%	C
60% - 69.9%	D
Less than 60%	F

Demotions: <u>Participation</u>: All districts and schools are expected to assess at least 95 percent of their students on the state assessments. Any school or district with a less than a 95 percent participation rate for any subgroup in ELA or math will be demoted one letter grade on the final Gap Closing grade. When issuing the demotion, 10 points are deducted from the preliminary score. If a school or district earns 100% of the possible points, 10.1 points are deducted to reduce the grade to the top of the "B" range.

<u>Subgroups</u>: A district or school cannot earn an "A" as the final letter grade if one of its subgroups is significantly behind. If any subgroup earns fewer than 60 points on its PI score or has a graduation rate below 70.0%, the district or school will have its "A" grade demoted to a "B".

Districts or schools may be demoted only once due to participation or low subgroup performance. There are not multiple demotions and the grade only is reduced by one letter.

Example: The following example displays how a sample LEA's Gap Closing grade is calculated. Note that when assigning points earned by a subgroup, the points are calculated using the all methodologies described above, and the calculation that yields the highest number of points is used. In this example, the LEA received a preliminary score of 91.6%. The preliminary grade was demoted because of low subgroup performance (highlighted in yellow). This document is meant to be used as an ==EXAMPLE== and ==2019== gap closing targets are used in the columns. The actual calculations for 2020 will use the 2020 targets.

Subgroup	Student #	2019 PI Score	2019 Goal ELA	2019 Goal Met/Not Met	Points from Meeting 2019 Goal	2026 Goal ELA	2017-18 PI	Improvement (2019 PI - 2018 PI)	Long Term Gap (2026 Goal - 2019 PI)	Improvement Points Earned	Value Added Gain	VA Points Earned	Points Earned	How Points Earned	AMO Average
All Students	10,110	88.5	85.8	MET	100	100.0	87.2	1.3	11.5	0.0	+0.7	0	100.0	2019 AMO Met	88.7+82.0+ 87.8+100= 358.5 Points
Black	4,630	60.5	65.4	NOT MET	0	79.7	61.0	-0.5	19.2	0.0	+1.2	100	100.0	VA Growth	
AM. Ind/AK Ntv	4	NR	79.8	NR	NR	88.1	NR	NR	NR	NR	NR	NR	NR	Subgroup <20	
Asian/P Isl	671	92.9	92.8	MET	100	95.8	93.0	-0.1	2.9	0.0	+1.4	100	100.0	2019 AMO Met	
Hispanic	383	70.9	73.4	NOT MET	0	84.4	70.0	0.9	13.5	66.7	-0.6	0	66.7	Gap Cut <10%	
Multiracial	879	78.0	79.5	NOT MET	0	88.0	77.2	0.8	10.0	80.0	+2.5	100	100.0	VA Growth	
White	3543	88.0	87.1	MET	100	92.4	87.3	0.7	4.4	0.0	-0.2	0	100.0	2019 AMO Met	
Econ. Disad.	6,712	67.9	72.4	NOT MET	0	83.8	67.4	0.5	15.9	31.4	+0.8	0	31.4	Gap Cut <10%	
SWD	1,974	47.2	59.6	NOT MET	0	76.3	45.1	2.1	29.1	72.2	+4.1	100	100.0	VA Growth	
EL	73	35.0	67.5	NOT MET	0	80.9	30.0	5.0	45.9	100.0	-1.6	0	100.0	Gap Cut >10%	
Total Points Earned By All Subgroups													798.1	88.7 ELA Points	
Total Possible Points													900		

ELA AMO Calculation – EXAMPLE ONLY using 2019 Targets. Actual 2020 calculations will use 2020 targets.

Updated 1/1/2020

														Preliminary Grade
MATH AMO Calculation – **EXAMPLE ONLY using 2019 Targets. Actual 2020 calculations will use 2020 targets.**														
Subgroup	Student #	2019 PI Score	2019 Goal Math	2019 Goal Met/Not Met	Points from Meeting 2019 Goal	2026 Goal Math	2017-18 PI	Improvement (2019 PI - 2018 PI)	Long Term Gap (2026 Goal - 2019 PI)	Improvement Points Earned	Value Added Gain	VA Points Earned	Points Earned	How Points Earned	
All Students	10,110	84.0	86.2	NOT MET	0	100.0	82.9	1.1	16.0	68.7	+3.5	100	100.0	VA Growth	358.5/4= 89.6 = "B"
Black	4,630	60.5	63.5	NOT MET	0	78.5	59.3	1.2	18.0	66.7	-1.5	0	66.7	Gap Cut <10%	
AM. Ind/AK Ntv	4	NR	78.1	NR	NR	87.1	NR	NR	NR	NR	NR	NR	NR	Subgroup <20	
Asian/P Isl	671	97.2	97.9	NOT MET	0	98.8	97.1	0.1	1.6	62.5	+1.4	100	100.0	VA Growth	
Hispanic	383	74.0	73.8	MET	100	84.6	73.1	0.9	10.6	0.0	-0.6	0	100.0	2019 AMO Met	
Multiracial	879	77.2	78.9	NOT MET	0	87.6	71.9	5.3	10.4	100.0	+2.5	100	100.0	Gap Cut >10%	
White	3543	89.0	88.3	MET	100	93.1	87.3	1.7	4.1	0.0	-0.2	0	100.0	2019 AMO Met	
Econ. Disad.	6,712	67.9	72.7	NOT MET	0	84.0	67.4	0.5	16.1	31.1	+1.3	0	31.1	Gap Cut <10%	
SWD	1,974	60.5	60.5	MET	100	76.8	58.3	2.2	16.3	0.0	+4.1	100	100.0	2019 AMO Met	
EL	73	48.6	71.8	NOT MET	0	83.4	47.2	1.4	34.8	40.2	-1.6	0	40.2	Gap Cut <10%	
Total Points Earned By All Subgroups													738.0	**82.0 Math Points**	
Total Possible Points													900		

	Final Grade
GRADUATION AMO Calculation – **EXAMPLE ONLY using 2019 Targets. Actual 2020 calculations will use 2020 targets.**	

Updated 1/1/2020

Subgroup	Student #	2019 Grad Rate	2019 Goal Grad	2019 Goal Met/Not Met	Points from Meeting 2019 Goal	2026 Goal Grad.	2017-18 Grad. Rate	Improvement (2019 Grad. - 2018 Grad.)	Long Term Gap (2026 Goal - 2019 Grad.)	Improvement Points Earned	Points Earned	How Points Earned	
All Students	997	86.0%	86.0%	MET	100	93.0%	82.9%	3.1%	7.0%	100.0	100.0	2019 AMO Met	Although there is low subgroup performance, no demotions are made as the prelim. grade is not an "A". FINAL GRADE = "B"
Black	367	68.5%	70.3%	NOT MET	0	82.5%	59.3%	9.2%	14.0%	100.0	100.0	Gap Cut >10%	
AM. Ind/AK Ntv	1	NR	79.9%	NR	NR	88.2%	NR	NR	NR	NR	NR	Subgroup <20	
Asian/P Isl	61	87.6%	89.3%	NOT MET	0	93.0%	86.2%	1.4%	5.4%	100.0	100.0	Gap Cut >10%	
Hispanic	19	NR	76.2%	NR	0	86.0%	NR	NR	NR	NR	NR	Subgroup <20	
Multiracial	99	77.2%	81.0%	NOT MET	0	88.9%	76.8%	0.4%	11.7%	34.2	34.2	Gap Cut <10%	
White	445	88.0%	89.1%	NOT MET	0	93.0%	87.3%	0.7%	5.0%	100.0	100.0	Gap Cut >10%	
Econ. Disad.	673	78.2%	75.7%	MET	100	85.7%	77.4%	0.8%	7.5%	100.0	100.0	2019 AMO Met	
SWD	145	47.2%	73.8%	NOT MET	0	84.6%	44.2%	3.0%	37.4%	80.2	80.2	Gap Cup <10%	
EL	18	NR	61.2%	NR	NR	77.2%	NR	NR	NR	NR	NR	Subgroup <20	
Total Points Earned By All Subgroups											614.4	**87.8 Grad. Points**	
Total Possible Points											700		

EL PROGRESS AMO Calculation – EXAMPLE ONLY using 2019 Targets. Actual 2020 calculations will use 2020 targets.												
Subgroup	Student #	2019 EL Progress %	2019 Goal EL Progress	2019 Goal Met/Not Met	Points from Meeting 2019 Goal	2026 Goal EL Progress	2018 EL Progress %	Improvement (2019 Prog. - 2018 Prog.)	Long Term Gap (2026 Goal - 2019 Prog. %)	Improvement Points Earned	Points Earned	How Points Earned
English Learners	97	57.0%	54.0%	MET	100	75.0%	56.9%	0.1%	18.0%	5.6	100.0	2019 AMO Met
Total Points Earned By the Subgroup											100.0	**100 EL Progress Points**
Total Possible Points											100	

Updated 1/1/2020