

## Local Measure and State Growth Subcomponent Calculation Details

- **Local Measures Subcomponent (20 points possible)**

- **Elementary Schools (K-5, K-6, K-8)**...This was a group measure shared by all teachers (and the principal) in the school based on student growth on NYS ELA & Math assessments. Student scores for the 2012-2013 and 2013-2014 school years were separated into 12 performance bands (Low Level 1, Mid Level 1, High Level 1, Low Level 2, Mid Level 2, High Level 2, Low Level 3, Mid Level 3, High Level 3, Low Level 4, Mid Level 4, High Level 4). The count of students increasing AT LEAST ONE performance band from 2012-13 to 2013-14 was then determined and divided by the total population of students taking assessments both years to determine the percentage of students demonstrating growth. This percentage was then compared to the chart in Appendix B of the APPR agreement to assign HEDI points for the Local Measures subcomponent. ALL schools in this category received the maximum 20 points possible for this subcomponent.
- **Secondary Schools (7-12, 9-12)**...This was a group measure shared by all teachers (and the principal) in each school based on student growth on the five “gatekeeper” Regents examinations (Algebra, ELA, Living Environment, Global History, US History). Students were grouped according to the number of attempts they had made at each assessment (first-time test takers, second-time test takers, and multiple-time test takers). The average score on each assessment was calculated for each group for the 2012-2013 and 2013-2014 school years. The change in average score for each group was compared to the chart in Appendix A of the APPR agreement to determine the HEDI points for each group (15 scores; 3 for each assessment). Those HEDI points were then averaged to determine the final score for the Local Measures subcomponent for the school.
- **K-2 Schools (School 57)**...This was a group measure shared by all teachers (and the principal) in the school based on student performance on AIMSweb. The AIMSweb assessment provides targets for expected Rate of Increase (ROI) for each exam/grade level. The actual ROI for each student was provided by the AIMSweb vendor based on student results for the fall and spring administrations. The number of students meeting or exceeding their expected ROI for the selected exams was determined and then divided by the total number of students completing the exams in order to determine the percentage of students meeting target. This percentage was then compared with the chart in Appendix A of the APPR agreement to assign HEDI points for the Local Measures subcomponent. School 57 received 4 HEDI points based on 46.3% of students meeting their AIMSweb targets.
- **K-12 Schools (School 58 and RIA)**...This was a group measure shared by all teachers (and the principal) in each school based on student growth on NYS ELA & Math assessments and student growth on the five “gatekeeper” Regents examinations (Algebra, ELA, Living Environment, Global History, US History). For grades 4-8, student scores on the ELA & Math assessments for the 2012-2013 and 2013-2014 school years were separated into 12 performance bands (Low Level 1, Mid Level 1, High Level 1, Low Level 2, Mid Level 2,

High Level 2, Low Level 3, Mid Level 3, High Level 3, Low Level 4, Mid Level 4, High Level 4). The count of students increasing AT LEAST ONE performance band from 2012-13 to 2013-14 was then determined and divided by the total population of students taking assessments both years to determine the percentage of students demonstrating growth. This percentage was then compared to the chart in Appendix B of the APPR agreement to assign HEDI points for the Local Measures subcomponent for these grade levels. Both schools received the maximum 20 points at all grade levels for this calculation. For secondary students, the students were grouped according to the number of attempts they had made at each Regents assessment (first-time test takers, second-time test takers, and multiple-time test takers). The average score on each assessment was calculated for each group for the 2012-2013 and 2013-2014 school years. The change in average score for each group was compared to the chart in Appendix A of the APPR agreement to determine the HEDI points for each group (15 scores; 3 for each assessment). Those HEDI points were then averaged to determine the HEDI points for the secondary grade levels. The HEDI points for 4-8 and 9-12 were then combined using a weighted average of the number of students at each grade level to arrive at the final HEDI points for the Local Measures subcomponent for each school (17 points for RIA, 16 points for School 58).

- **State Growth Subcomponent (20 points possible)**

- **Grades 4-8 ELA & Math Teachers...**the State Growth score was calculated by New York State and provided to the district for any teacher with 16 or more combined valid results on the NYS ELA & Math 4-8 Assessments.
  - These scores were used AS IS for all teachers except for a small subset of teachers that received a NYS-provided growth score AND a locally calculated state growth score based on targets and post-assessment results. In instances where the locally calculated score included MORE results than the state-provided score, a weighted average based on the number of students included in each score was calculated in order to arrive at the final State Growth score for these teachers (this impacted 9 teachers district wide).
- **All Other Teachers...**all other teachers developed SLOs according to the guidelines provided by the state and set targets for the students covered by their SLO. Student results on the end of course assessment designated for each course (which may have been a locally developed post assessment, Regents Exam, NYS Grade 3 ELA/Math, NYS Science 8, NYSESLA, NYSAA, or IEP Goals Met) were then compared with the target set by the teacher at the beginning of the course, and the percentage of students meeting target was divided by the total number of students with targets and valid end-of-course results to determine the percentage of students meeting their targets. This percentage was then compared with the chart in Appendix A of the APPR agreement to assign HEDI points for the State Growth subcomponent.