The Exclusion-Adjusted Cohort Graduation Indicator: A Mathematical Representation

The exclusion-adjusted cohort graduation indicator (EACGI) is a function of school S, cohort year Y, and graduation year Y_g . It accounts for in-transfers, out-transfers, retentions, and other exclusions. The mathematical representation is:

Students entering 9th grade for the first time in Y_c and graduating by Y_g + Students transferring into 10th grade in Y_c+1 and graduating by Y_g + Students transferring into 11th grade in Y_c+2 and graduating by Y_g + Students transferring into 12th grade in Y_c+3 and graduating by Y_g (Students entering 9th grade for the first time in Y_c) – (those excluded in $Y_c,...,Y_g$) + (Students transferring into 10th grade in Y_c+1) – (those excluded in $Y_c+1,...,Y_g$) + (Students transferring into 11th grade in Y_c+2) – (those excluded in $Y_c+2,...,Y_g$) + (Students transferring into 12th grade in Y_c+3) – (those excluded in $Y_c+3,...,Y_g$)