

Diversity Index

DIVERSITY CATEGORIES

Each United States Census block group in the District shall be classified as being in diversity Category 1, Category 2, or Category 3. Categories shall be based on a calculation using the median household income, the percentage of non-White population, and the average level of adult educational attainment in the block group. A U.S. Census block group that is determined by the formula to be Category 3 but which has a non-White District student population greater than thirty-five percent (35%) shall be classified as Category 2.

Each student shall be classified as being in diversity Category 1, Category 2, or Category 3, based on the Category of the U.S. Census block group in which the student resides.

FACTORS FOR CENSUS BLOCK GROUP

The following factors for household income, educational attainment, and race, shall be computed for each Census block group in the school district, as set forth below.

Income - Median Household Income

This is the median household income of the U.S. Census block group. This is taken directly from Census American Community Survey (ACS).

Education – Weighted Average Level of Adult Educational Attainment

This is a weighted average level of adult educational attainment of the U.S. Census block group. It is computed from Census ACS data, using the following methodology:

Weight applied to educational attainment categories:

1	Finished grade 8 or less
2	Did not finish high school
3	Finished high school
3.5	Some college or an associate's degree
4	Bachelor's degree
5	Master's degree or professional degree
6	Doctorate

Using the weights above, the weighted average yields a number between 1.0 and 6.0, and shall be computed as follows.

Weighted Average of Level of Adult Educational Attainment =

$$\frac{\sum \text{over all the above categories (population of category} \times \text{weight per category)}}{\text{Total population}}$$

Race – Percentage of Population that is Non-White

This is defined as the percentage of residents in the U.S. Census block group whose race is specified as non-White. This single-percentage diversity measure is computed from ACS B02001.

Percentage non-White =

$$100 \times \frac{\text{Sum of non-White population}}{\text{Total population}}$$

COMBINING FACTORS TO YIELD CATEGORIES

Household Income + Educational Attainment + Race Factors, Unadjusted: The three measures detailed above will be combined to yield an integer classification code limited to values 1, 2 and 3, as set forth below.

Income Category =

Income \leq \$42,000	1
\$42,000 \leq Income \leq \$62,000	2
Income \geq \$62,000	3

Education Category (see categories above) =

Education Average \leq 3.5	1
3.5 \leq Education Average \leq 3.7	2
Education \geq 3.7	3

Race Category=

Percent white \leq 73	1
73 \leq Percent white \leq 88	2
Percent white \geq 88	3

Each category value is an integer 1, 2 or 3.

The three categories are combined by applying respective weights:

Combined Category* =

$$1 + .33 \times (\text{Income Category}) + .33 \times (\text{Education Category}) + .33 \times (\text{Percent White Category})$$

*A U.S. Census block group that is determined by the formula to be Category 3 but which has a non-White District student population greater than 35% shall be classified as Category 2.