

Diversity Index and Categories

DIVERSITY CATEGORIES

Each United States Census block group in the District ~~district~~ will be classified defined as being in a Category 1, Category 2, or Category 3 by combining the median household income, the percentage of non-white population, and the average level of adult educational attainment in the block group to yield a single category. Census block groups that are determined by the formula to be a Category 3 but which have a JCPS non-white minority student population greater than 35% shall be classified as a Category 2.

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

FACTORS FOR CENSUS BLOCK GROUP

The following socio-economic and race factors ~~“factors”~~ will be computed for each Census block group in the District ~~school-district~~:

~~Computation of Socio-Economic Factors and Race Factor~~

Socio-Economic Factor. Household Income:

The Household Income Factor ~~This~~ is taken directly from Census American Community Survey (ACS) B19013.

Socio-Economic Factor, “Educational Average”:

The Educational Average Factor ~~This~~ is a weighted average of the level of educational attainment computed from Census ACS matrix B! 5002, using the following methodology:

“Weight” per 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 associate degree |
| 4 | Bachelor’s degree |
| 5 | Masters or professional degree |
| 6 | Doctorate |

Using the weights above the weighted “average” is computed as follows. The average yields a decimal number between 1.0 and 6.0

“Education Average” =

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

Race Factor “Percent non-white”:

For the purpose of combining a race ~~“race”~~ factor with multiple other factors, a single-numeral measure of race will be used. This single-percentage diversity measure is computed from ACS B02001.

“Percent non-white” = $100 \times \frac{\text{Sum of non-white population}}{\text{Total population}}$

Combining Factors to Yield Categories

Socio-Economic **Factor: Household Income** + Socio-Economic **Factor: Educational Average** + Race **Factor: Classification**, 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: Socio-Economic

Combination Category* =

$1 + .23 \times (\text{Income Category}) + .33 \times (\text{Education Category}) + .33 \times (\text{Percent White Category})$

*A census block group calculated as a Category 3 which has a JCPS minority (non-white) student population of greater than 35% shall be a Category 2 block group.

DIVERSITY INDEX

The Diversity Index shall be calculated in the following manner and reported annually:

Diversity Index = $(\% \text{ category } 1 * 1) + (\% \text{ category } 2 * 2) + (\% \text{ category } 3 * 3)$ Diversity Index = $(50\% * 1) + (33\% * 2) + (17\% * 3) = 1.7$

UPDATES TO CENSUS BLOCK GROUP INFORMATION

The data used to classify the categories of Census block groups shall be updated as soon as possible after the release of data from the decennial U.S Census.