Preliminary 2020 Population Data for City of Pittsburgh Neighborhoods and Change in Population by Race since 2010

August 23, 2012

UCSUR has compiled preliminary data for the 2020 population by race of city of Pittsburgh neighborhoods. Data was compiled from Census (PL 94-171) Redistricting Data Summary Files and includes total population, population by major race category, and the Hispanic or Latino population for 89 city of Pittsburgh neighborhoods or neighborhood groups. The data is matched to comparable 2010 data by neighborhood. More information on the Census (PL 94-171) Redistricting Data Summary Files is available at: https://www.census.gov/programs-surveys/decennial-census/about/rdo/summary-files.html

The decennial census and the PL 94-171 Redistricting Data does not directly provide demographic data for city of Pittsburgh neighborhoods. 2010 neighborhood-level data was aggregated from demographic data for Census block groups to match neighborhoods as defined by the City of Pittsburgh Department of City Planning. For the 2020 Decennial Census, because of changes in census geography, not all city neighborhoods can be identified as a unique set of block groups. Where a city neighborhood could not be uniquely identified by either a group of census tracts or census block groups, data was aggregated from census blocks - the smallest level of census geography. A preliminary index of census blocks to city-defined neighborhoods was created for this compilation and is available here. This index was created to match as closely as possible neighborhood boundaries as defined prior to the 2020 Census and facilitate comparison to 2010 neighborhood data. This data is labeled preliminary pending any adjustments the city of Pittsburgh may make to the geographic boundaries or definitions of existing neighborhoods.

Data for two city neighborhoods: Arlington and Arlington Heights, is combined resulting in data for 89 neighborhoods or neighborhood groups. For both 2010 and 2020, 10 variables were extracted from the PL 94-171 data. These variables include total population, population by major race group and the Hispanic or Latino population of each area. In addition, the dataset includes a set of calculated variables showing the difference between 2010 and 2020 for each variable. A complete variable list is below.

Because the decennial census is a complete enumeration of the population, no sample or specific measurement error is associated with this data. However, beginning with the 2020 Decennial Census, the Census Bureau implemented a new disclosure avoidance system (DAS) designed to protect the data collected on any individual or household. More information on the Census Bureau's Disclosure Avoidance System is available at: https://www.census.gov/about/policies/privacy/statistical_safeguards.html.

For all levels of geography below state population totals, the disclosure avoidance system added statistical noise to the aggregate data reported by the census. As a result, the population data compiled here will not reflect actual population totals for each neighborhood. This statistical noise is most likely to impact smaller areas and in particular smaller city neighborhoods. In particular, in 2020, 11 city neighborhoods have total populations under 500. These neighborhoods include: Chateau, South Shore, St. Clair, West End, North Shore, Hays, Esplen, Ridgemont, Mt. Oliver (city neighborhood), East Carnegie and Chartiers City. For these neighborhoods, the total population levels in 2020, and the changes in total population between 2010 and 2020 are likely to be impacted by the new disclosure avoidance system. For larger neighborhoods, reported data on population subgroups may also be impacted.

Questions or comments on the neighborhood-level data compiled here should be addressed to:

Christopher Briem
Program in Urban and Regional Analysis
University Center for Social and Urban Research
University of Pittsburgh
cbriem@pitt.edu
(412) 624-3791

Variable list for Preliminary 2020 Population Data for City of Pittsburgh Neighborhoods and Change in Population by Race since 2010.

Variable	Census Variable	Census Data Source
2010_Total_Population	P0010001	2010 PL 94-171
2010_OneRace_Population	P0010002	2010 PL 94-171
2010_White_Alone_Population	P0010003	2010 PL 94-171
2010_Black_Alone_Population	P0010004	2010 PL 94-171
2010_American_Indian_and_Alaska_Native_alone_population	P0010005	2010 PL 94-171
2010_Asian_Alone_Population	P0010006	2010 PL 94-171
2010_Native_Hawaiian_and_Other_Pacific_Islander_alone_Population	P0010007	2010 PL 94-171
2010_Any_other_single_race_alone_Popualtion	P0010008	2010 PL 94-171
2010_Population_two_or_more_races	P0010009	2010 PL 94-171
2010_Hispanic_or_Latino_Population	P0020002	2010 PL 94-171
2020_Total_Population	P0010001	2020 PL 94-171
2020_OneRace_Population	P0010002	2020 PL 94-171
2020_White_Alone_Population	P0010003	2020 PL 94-171
2020_Black_Alone_Population	P0010004	2020 PL 94-171
2020_American_Indian_and_Alaska_Native_alone_population	P0010005	2020 PL 94-171
2020_Asian_Alone_Population	P0010006	2020 PL 94-171
2020_Native_Hawaiian_and_Other_Pacific_Islander_alone_Population	P0010007	2020 PL 94-171
2020_Any_other_single_race_alone_Popualtion	P0010008	2020 PL 94-171
2020_Population_two_or_more_races	P0010009	2020 PL 94-171
2020_Hispanic_or_Latino_Population	P0020002	2020 PL 94-171

Constructed Variables include:

Change_2010_to_2020_Total_Population
Change_2010_to_2020_OneRace_Population
Change_2010_to_2020_White_Alone_Population
Change_2010_to_2020_Black_Alone_Population
Change_2010_to_2020_American_Indian_and_Alaska_Native_alone_population
Change_2010_to_2020_Asian_Alone_Population
Change_2010_to_2020_Native_Hawaiian_and_Other_Pacific_Islander_alone_Population
Change_2010_to_2020_Any_other_single_race_alone_Popualtion
Change_2010_to_2020_Population_two_or_more_races
Change_2010_to_2020_Hispanic_or_Latino_Population