

Washington State Adjusted Redistricting Data, Readme

Introduction

The tables included herein have been created by the Washington State Redistricting Commission (WSRC), ESRI, and CityGate GIS. They are based on the U.S. Census Bureau's 2020 Redistricting Data Summary File, also known as the Public Law 94-171 file. In accordance with RCW 44.05.140, the population, race and ethnicity data were adjusted at the Census block level in a manner that reflects the last known place of residence of inmates incarcerated in state adult correctional facilities, persons committed to receive involuntary behavioral health treatment, and persons residing or placed in juvenile justice facilities.

Methodology

The WSRC collected the last known place of residence and race and ethnicity information from the Washington State Department of Corrections, the Department of Social and Health Services and the Department of Children, Youth, and Families. They cleaned the race and ethnicity information to more closely match the categories used in the PL 94-171 file. The facility's address and last known residence address of these records were geocoded to the Census block.

In some cases, the correct facility location was not in a 2020 census block containing group quarters population or with enough group quarters population. In the case of Olympic CC and Western State Hospital, the Census Bureau had correctly assigned facility's group quarters population to multiple blocks whereas the WSRC data was assigned to only one of these blocks.

This data set was passed to ESRI Olympia to adjust the PL 94-171 data contained in the "statewide20.gpkg" geopackage file used in WSRC redistricting tool "AutoboundEDGE". This adjusted geopackage was forwarded to the CityGate AutoBound EDGE developer for final implementation.

Notes

Adjustments were made to the total population, not the voting age population. Values in this data set can be negative in the race and ethnicity detail. Various factors contributed to this. What follows are some of those reasons. The facility data could be temporally out of sync with the Census. In addition, the race and ethnicity categories used by these facilities often do not match those used by the Census and were missing in some cases. All of these and other sources of error could result in too much of a facility's population being assigned to a single block or race/and ethnicity category. In addition, the Census data could be incorrect. There could have been counting errors. The Census also introduced increased Differential Privacy (DP) into this decade's counts. DP introduces random error into the data to protect individual privacy. At the block level, this error can be very large.

Contacts

For additional information, please contact the State Redistricting Commission GIS analyst, Justin Bennett: justin.bennett@redistricting.wa.gov

Suggested Citation

Washington State 2020 Adjusted Redistricting Data.

Column Names

Census Code	Field Name	Description	Adjusted
GEOID20	GEOID20	Geographic ID	
P0010001	TAPERSONS	Total Population	Y
P0010002	TA1RACE	Total:Population of one race	Y
P0010003	TAWHITEALN	Total:White alone	Y
P0010004	TABLACKALN	Total:Black or African American alone	Y
P0010005	TAAMINDALN	Total:American Indian and Alaska Native alone	Y
P0010006	TAASIANALN	Total:Asian alone	Y
P0010007	TANHPOALN	Total:Native Hawaiian and Other Pacific Islander alone	Y
P0010008	TAOTHERALN	Total:Some Other Race alone	Y
P0010009	TA2RACE	Total:Two or More Races	Y
P0020001	THISPNHISP	HISPANIC OR LATINO, AND NOT HISPANIC OR LATINO BY RACE Universe: Total population	
P0020002	TAHISPANIC	Total Hispanic or Latino	Y
P0020003	TNHISPANIC	Total Not Hispanic or Latino	Y
P0020004	TN1RACE	Not Hispanic or Latino: Population of one race	Y
P0020005	TNWHALN	Not Hispanic or Latino: White alone	Y
P0020006	TNBLKALN	Not Hispanic or Latino: Black or African American alone	Y
P0020007	TNAIANALN	Not Hispanic or Latino: American Indian and Alaska Native alone	Y
P0020008	TNASIANALN	Not Hispanic or Latino: Asian alone	Y
P0020009	TNNHPOALN	Not Hispanic or Latino: Native Hawaiian and Other Pacific Islander alone	Y

P0020010	TNOTHRALN	Not Hispanic or Latino: Some Other Race alone	Y
P0020011	TN2MRACES	Not Hispanic or Latino: Two or More Races	Y
H0010001	TAHOUSING	OCCUPANCY STATUS Universe: Housing units Total	
H0010002	TAHOCCUPID	Occupied	
H0010003	TAHVACANT	Vacant	
P00050001	TAGRPQRTR	Total Group Quarters Population	