

Washington State Adjusted Redistricting Data, Readme

Introduction

The tables included herein have been created by the Washington State Redistricting Commission (SRC) and Office of Financial Management, Forecasting and Research Division (OFM).

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 SRC 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. These data were then passed to OFM.

OFM reviewed the geocoded location of each facility to make sure that they were in the correct census block as determined by 1) OFM active group quarter records, 2) 2020 census block counts of the group quarters population, and 3) aerial photography.

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 cases of Clallam Bay CC and Mission Creek CCW, the census reported group quarters population in adjacent vacant blocks. For these, OFM adjusted the PL 94-171 data by proportionally moving race and ethnicity specific population equivalent to the misassigned group quarters population into the block that contained the facility. See the "Block Adjustment Details" at the end of this document for details. 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 SRC data was assigned to only one of these blocks. In these cases, we proportionally allocated SRC's population by race and ethnicity to each of these blocks based on the total group quarters population of the blocks.

Lastly, when reviewing the facilities, it became apparent that some person records in the SRC data were incorrectly geocoded to nearby census blocks when they should have been assigned to the same census block as the facility. In total, OFM reassigned 105 person records to the same census block as the facility—Clallam Bay CC (6 persons), Coyote Ridge CC (3 persons), Stafford Creek CC (1 person), and Western State Hospital (95 persons).

OFM then subtracted the corrected facility population by race and ethnicity from the adjusted PL 94-171 data at the block level. They then added the corrected persons residence population by race and ethnicity, also at the block level.

Notes

Adjustments were made to the total population, not the voting age population. Values in this data set can be negative. Only one block has a negative total population, but it is more frequent 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. In two facilities, OFM allocated a facility to multiple blocks but had limited information on which people should be assigned to each block. 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 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

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Suggested Citation

Washington State 2020 Adjusted Redistricting Block Data.

Column Names

GEOID20	Geographic Code Identifier
TotalPop	Total Population (Adjusted)
GQPop	Population in Group Quarters (Adjusted)
HHPop	Population in Households (Adjusted)
WhiteAINH	White Alone Not Hispanic (Adjusted)
WhiteAIHi	White Alone Hispanic (Adjusted)
BlackAINH	Black Alone Not Hispanic (Adjusted)
BlackAIHi	Black Alone Hispanic (Adjusted)
AIANAINH	AIAN Alone Not Hispanic (Adjusted)
AIANAIHi	AIAN Alone Hispanic (Adjusted)
AsianAINH	Asian Alone Not Hispanic (Adjusted)
AsianAIHi	Asian Alone Hispanic (Adjusted)
NHOPIAINH	NHOPI Alone Not Hispanic (Adjusted)
NHOPIAIHi	NHOPI Alone Hispanic (Adjusted)
OtherAINH	Other Alone Not Hispanic (Adjusted)
OtherAIHi	Other Alone Hispanic (Adjusted)
TwoMoreNH	Two or More Races Not Hispanic (Adjusted)
TwoMoreHi	Two or More Races Hispanic (Adjusted)
UTotalPop	Unadjusted Total Population
UGQPop	Unadjusted Population in Group Quarters
UHHPop	Unadjusted Population in Households
UWhiteAINH	Unadjusted White Alone Not Hispanic
UWhiteAIHi	Unadjusted White Alone Hispanic
UBlackAINH	Unadjusted Black Alone Not Hispanic
UBlackAIHi	Unadjusted Black Alone Hispanic
UAIANAINH	Unadjusted AIAN Alone Not Hispanic
UAIANAIHi	Unadjusted AIAN Alone Hispanic
UAsianAINH	Unadjusted Asian Alone Not Hispanic
UAsianAIHi	Unadjusted Asian Alone Hispanic
UNHOPIAINH	Unadjusted NHOPI Alone Not Hispanic
UNHOPIAIHi	Unadjusted NHOPI Alone Hispanic
UOtherAINH	Unadjusted Other Alone Not Hispanic
UOtherAIHi	Other Alone Hispanic
UTwoMoreNH	Unadjusted Two or More Races Not Hispanic
UTwoMoreHi	Unadjusted Two or More Races Hispanic
Adjusted	Values have been adjusted in this block
OrigFacBlk	This block contains an Original Facility
DestBlk	Population was move to this block
PreSubtrct	GQ Population was removed from this block to correct Census misallocations
PreAdd	GQ Population was added to this block to correct Census misallocations

Block Adjustment Details

For Clallam Bay CC - 782 in Census population was moved from block 530090024003033 to block 530090024003216.

For Mission Creek CCW - 175 in Census population was moved from block 530459604011010 to block 530459604011011.

The address for Olympic CC is in block 530319507021054 but some of its population from block 530319507021045 as well.

The address for Western State Hospital in block 530530721053012 but some of its population from blocks 530530721053009 and 530530721053017 as well.