

Dear chairs and members of the committee, My name is Ethan Sharygin and I am the Director of the Population Research Center (PRC) at Portland State University. I am testifying today about a new resource for the committee to consider when drawing district boundaries.

The 2020 Census PL94-171 Redistricting File contains data on the population of Oregon census blocks by race/ethnicity. The PRC invested time to combine these data with building footprints to create a high-resolution map that represents population by race as dots distributed within building footprints, which we believe allows for the best visual representation of clusters of population by race/ethnicity.

Here is the URL:

<https://pdxedu.maps.arcgis.com/apps/mapviewer/index.html?webmap=7b2ef4f9e7504cd4b0c80c71e8db5e03>. At far out zoom levels, dots are distributed randomly within tracts. At closer zoom levels, dots are distributed within blocks; at the highest zoom level, dots are distributed within building footprints. This avoids distributing population into public lands, commercial zones, or agricultural areas where people do not live. The Legislature's proposals can be toggled on/off by use of the 'Layers' tab on the far left of the screen.

It is our hope that this resource will be useful to the work of the committee.

Best regards,  
Ethan Sharygin

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