

DOH Social Vulnerability to COVID-19 Map

What is the WA DOH Social Vulnerability to COVID-19 map?

The Social Vulnerability Index (SVI) was created by the CDC to capture the ways in which demographic, social, and economic factors impact vulnerability to hazards. The original CDC SVI combines 15 factors to establish vulnerability; Washington's Department of Health has added the extra factor of health insurance coverage to its Social Vulnerability to COVID-19 map.

The Information by Location (IBL) is a web application that provides public access to data about environmental hazards, population characteristics and health outcomes - all in one place. Having data available in one place makes it easier for the public, local health departments, and policy makers to make connections between environmental exposures, population characteristics and health.

IBL uses the social vulnerability data to rank communities (census tracts) on a scale of 1-10 based on their overall vulnerability, with 1 being the least vulnerable and 10 being the most. To view this information, click [here](#) and select "Social Vulnerability to COVID-19" from the menu on the left.

Understanding the SVI provider spreadsheet

We have mapped the SVI for each provider enrolled in your jurisdiction (Updated: April 8, 2021). Your spreadsheet includes the following SVI information:

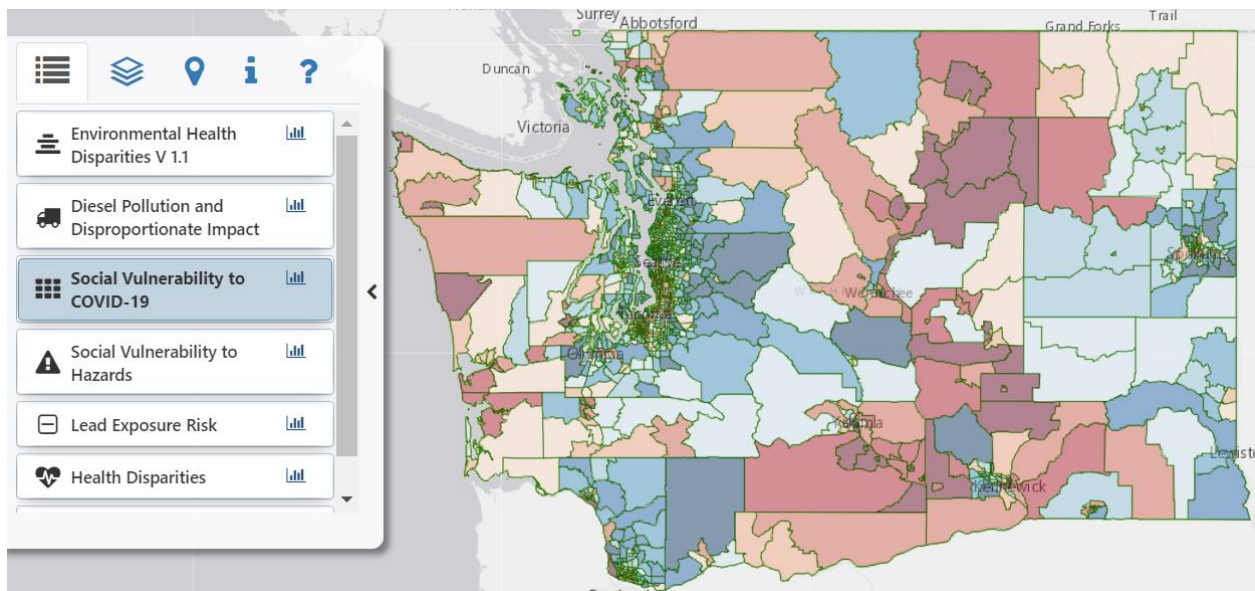
- Column H: **Overall SVI.**
 - This overall SVI rank rolls up all four themes and all other indicators for a "total" rank for the census tract.
- Column I: **SVI Theme 1: Household Composition and disability.**
 - This rank rolls up all the indicators in this category, including:
 - Population 65+ (Column M)
 - Population under 18 (Column N)
 - Population with a disability (Column O)
 - Single parent household (Column P)
- Column J: **SVI Theme 2: Housing Type and transportation**
 - This rank rolls up all the indicators in this category, including:
 - Housing with 10+ units (Column Q)
 - Mobile homes (Column R)
 - No private vehicle (Column S)
 - Overcrowded housing (Column T)
 - Population in group quarters (Column U)

- Column K: **SVI Theme 3: Race, ethnicity, and language**
 - This rank rolls up all the indicators in this category, including:
 - Limited English proficiency (Column V)
 - People of Color (Column W)
- Column L: **SVI Theme 4: Socioeconomic determinants**
 - This rank rolls up all the indicators in this category, including:
 - Medium household income (Column X)
 - No high school diploma (Column Y)
 - Population with no insurance (Column Z)
 - Population in poverty (Column AA)
 - Unemployed (Column AB)

Using the SVI tool

Open [IBL](https://doh.wa.gov/ibl) by clicking the link or entering doh.wa.gov/ibl in your browser.

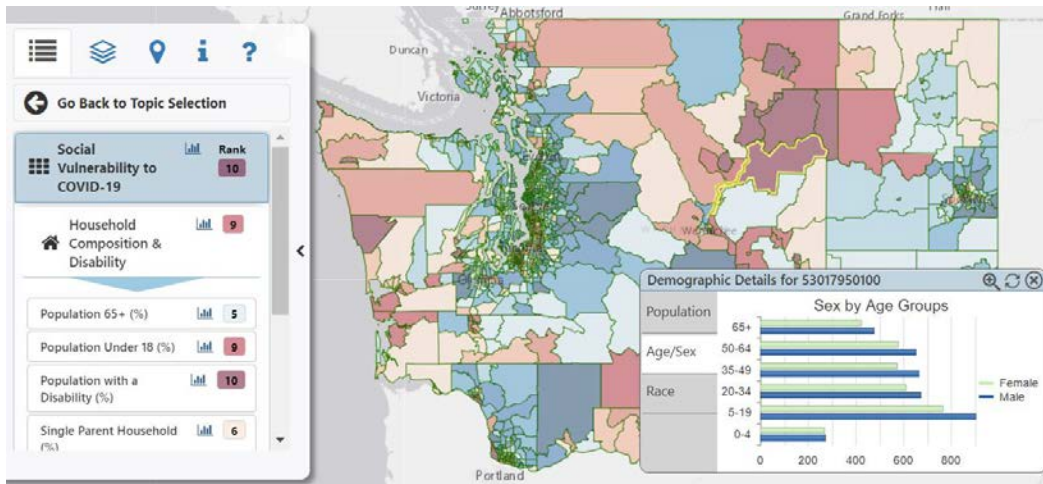
In the Information by Location tool, you will see a menu to the left of the map. Select the “Social Vulnerability to COVID-19” topic (not the Social Vulnerability to Hazards topic below). Once you have selected the map topic, the ranking colors will show for each census tract. The different colors represent how vulnerable each census tract is, with a scale located to the right of the dashboard. The most vulnerable census tracts are represented by a darker red. The least vulnerable census tracts are represented by a darker blue.



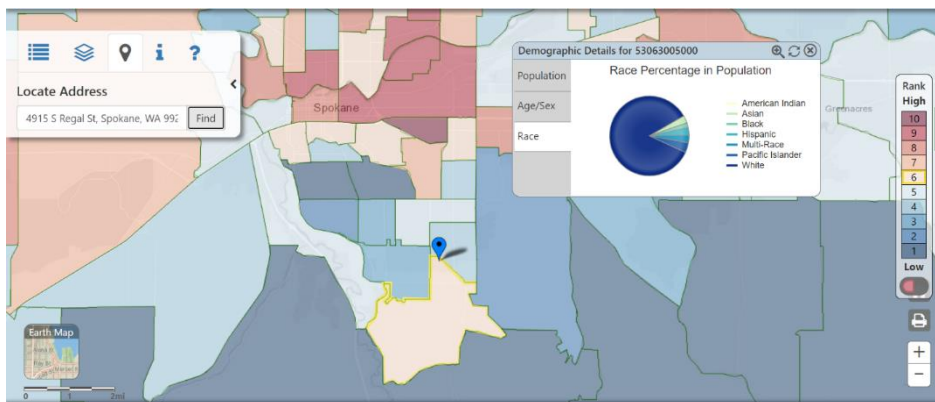
When you select the Social Vulnerability to COVID-19 topic, the menu will change to show the themes (groupings) of the individual data measures that make up the map. As you click on a theme or measure, the map will refresh with the rankings for that selection. If you want to see overall rankings, be sure that “Social Vulnerability to COVID-19” is highlighted on the menu.



Selecting a census tract on the map will show an overall ranking, as well as rankings for each measure and theme. It will also pop up a box with demographic information.



Selecting the middle menu tab allows you to enter an address or zip code, so you can see the location, vulnerability ranking, and demographics for any enrolled vaccination provider. A location pin will be dropped on the map at that location.



For more information about the Washington Tracking Network (WTN) and the Social Vulnerability to COVID-19 map, please visit the [WTN webpage](#) and watch the [How-to-Webinar](#) for using this tool to prioritize equitable COVID-19 vaccine distribution.

Examples of targeted strategies for different SVI indicators

Using this map or the provider SVI spreadsheet can allow providers to have more targeted interventions to address access barriers to vaccine. Here are some example strategies that could be implemented:

- **Scenario:** 7+ rank of people with limited English proficiency
 - Translate all announcements about the vaccination clinic
 - Ensure people with limited English proficiency can schedule an appointment through translated online scheduling or a phone line that has telephonic interpretation services
 - Have Communication Cards or I-Speak posters on site to facilitate communication
 - Hire or request volunteers who are bi-lingual
 - Partner with community organizations that serve and represent the communities you are trying to reach
 - Set-up telephonic interpretation services ahead of the clinic and train all staff and volunteers on how to use the service
 - Bring translated forms and patient education materials
 - Do outreach on culturally and linguistically relevant channels
- **Scenario:** 7+ rank of people without access to a private vehicle
 - Prioritize areas for mobile and community pop-up sites, or higher density of longer term provider locations near housing
 - Offer walk-up and walk-in appointments
 - Proactively offer transportation assistance
 - Offer transportation vouchers for second dose appointments
- **Scenario:** 7+ rank of people living in group homes, crowded housing, or in housing with more than 10+ units
 - Prioritize areas for mobile and community pop-up sites
 - Hold a pop-up site at a nearby apartment building or mobile home community
 - Do direct outreach to housing units to help register people for appointments

[Learn about other vaccine equity strategies \(PDF\).](#)

Additional vaccine equity resources

Provider Pro-equity Strategy Technical Assistance Drop-in Sessions

1st and 3rd Thursdays of every month, from 12:00 – 1:00 PM

Contact: equity@doh.wa.gov

COVID-19 Vaccine Equity & Engagement Webpage: [COVID-19 Vaccine Engagement: Washington State Department of Health](#)

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