



DRINKING WATER STATE REVOLVING FUND

Office of Drinking Water

How to Complete the Community Impact Matrix

2023



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Webpage: www.doh.wa.gov/dwsrf

The screenshot shows a web browser window with the URL doh.wa.gov/community-and-environment/drinking-water/water-system-assistance/drinking-water-state-revolving-fund-dwsrf. The page header includes the Washington State Department of Health logo and navigation links for [About Us](#), [Contact Us](#), and [Newsroom](#). A search bar is also present.

The main navigation menu includes: [You & Your Family](#), [Community & Environment](#), [Licenses, Permits, & Certificates](#), [Data & Statistical Reports](#), [Emergencies](#), and [Public Health & Provider Resources](#).

In this section

- [Drinking Water](#)
- Capacity Development
- Customer Assistance Program
- [Drinking Water State Revolving Fund \(DWSRF\)](#)
 - DWSRF Profiles
 - Emergency Loan Program
 - Historical Cultural Review
 - Needs Assessment
- Group B

Drinking Water State Revolving Fund (DWSRF)

General Information

The Drinking Water State Revolving Fund (DWSRF) makes funds available to drinking water systems to pay for infrastructure improvements. This program is funded through federal and state money and subject to state laws and additional federal regulations.

The program provides:

- Low-interest construction loans to publicly (municipal) and privately owned drinking water systems. These loans cover capital improvements that increase public health and compliance with drinking water regulations.
- Construction loan repayments can range from 20 to 30 years. In some cases, partial loan forgiveness is offered.
- Planning and engineering loans to cover preconstruction work and activities such as water system plans, engineering designs, and cultural reviews.
- Consolidation Feasibility Study grants allow larger Group A community water systems such as cities, town, counties, public utility districts, and water districts to determine feasibility and capital improvements needed to consolidate

Scroll to Disadvantaged Community

The screenshot shows a web browser window with the URL doh.wa.gov/community-and-environment/drinking-water/water-system-assistance/drinking-water-state-revolving-fund-dwsrf. The browser's address bar and tabs are visible at the top. Below the browser window, a dark blue vertical bar is on the left side. A red arrow points from this bar to the 'Disadvantaged Community' menu item in a list of navigation options. The list includes: 'Are you eligible for DWSRF?', 'Disadvantaged Community', 'Lead Service Line Loan', 'Planning and Engineering', 'Consolidation Feasibility/Regionalization: August', 'Construction: October–November', 'Source Water Protection—Ongoing', and 'Emergency Loan Program'. Each item has a downward-pointing chevron icon on its right side. An 'Expand all' link is located at the top right of the list.

- [Are you eligible for DWSRF?](#)
- [Disadvantaged Community](#)
- [Lead Service Line Loan](#)
- [Planning and Engineering](#)
- [Consolidation Feasibility/Regionalization: August](#)
- [Construction: October–November](#)
- [Source Water Protection—Ongoing](#)
- [Emergency Loan Program](#)

Download and Open Community Impact Matrix Excel Spreadsheet

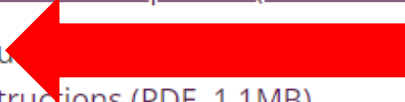
[Expand all](#)

Are you eligible for DWSRF?



Disadvantaged Community



- [ODW rulemaking webpage.](#)
- [DWAG June 5, 2023, presentation: DWSRF Updates \(see slides 23-39\).](#)
- [Community impact matrix \(xlsx\),](#)  if you may qualify as a disadvantaged community.
 - [Community Impact Matrix Instructions \(PDF, 1,1MB\)](#)
- [Disadvantaged community determination flow chart \(PDF, 119KB\).](#)

Lead Service Line Loan



Click on first link to open Washington Tracking Network (WTN) Map

The screenshot shows a Microsoft Excel spreadsheet with the following content:

1 Are you a disadvantaged community (DAC)?

2

3 1. Is your water system owned and operated by a federally recognized tribe in Washington State?

4 2. Does your water system serve residential connections?

5 If yes to Questions 1 and 2, you are a DAC.

6

7 3. Complete the four tables below. Add the scores for a combined score. If you score 5 or more points, you are a DAC.

8 3a. Household Composition and Disability Rank from the Department of Health's Environmental Health Disparities Map

Rank	Possible Score	Actual Score	EHD Map:	https://fortress.wa.gov/doh/wtn/WTNIBL/
Rank 9 or 10	5			
Rank 7 or 8	4			
Rank 5 or 6	3			
Rank 3 or 4	1			
Rank 1 or 2	0			

15

16 3b. Socioeconomic Determinant Rank from the Department of Health's Environmental Health Disparities Map

Rank	Possible Score	Actual Score	EHD Map:	https://fortress.wa.gov/doh/wtn/WTNIBL/
Rank 9 or 10	5			
Rank 7 or 8	4			
Rank 5 or 6	3			
Rank 3 or 4	1			
Rank 1 or 2	0			

23

24 3c. Average Annual Combined Water, Wastewater/Septic, and/or Stormwater User Charge as a percentage of the local or service area Annual Median Household Income (MHI).

25

Percent	Possible Score	Actual Score	MHI:	https://ofm.wa.gov/sites/default/files/public/dataresearch/economy/median_household_income_estimates.xlsx	https://ofm.wa.gov/washington-data-research/economy-and-labor-force/median-household-income-estimates
Greater than 2.0 to 2.5	5				
2.0 to 2.5	4				
1.5 to 1.9	3				

26

27

28

29

A red arrow points to the first URL in the 3a table.

Washington Tracking Network map

<https://fortress.wa.gov/doh/wtn/WTNIBL/>

Information by Location | Washin x +

fortress.wa.gov/doh/wtn/WTNIBL/

Apps HealthWeb - Home EHAPPS Drinking Water EPA Funding Laws SharePoint Admin HR Citrix Access DOH State Agencies Junk Mail CREST Other bookmarks

Environmental Health Disparities V 2.0

Diesel Pollution and Disproportionate Impact

Social Vulnerability Index

Lead Exposure Risk

Health Disparities

Planning for Health

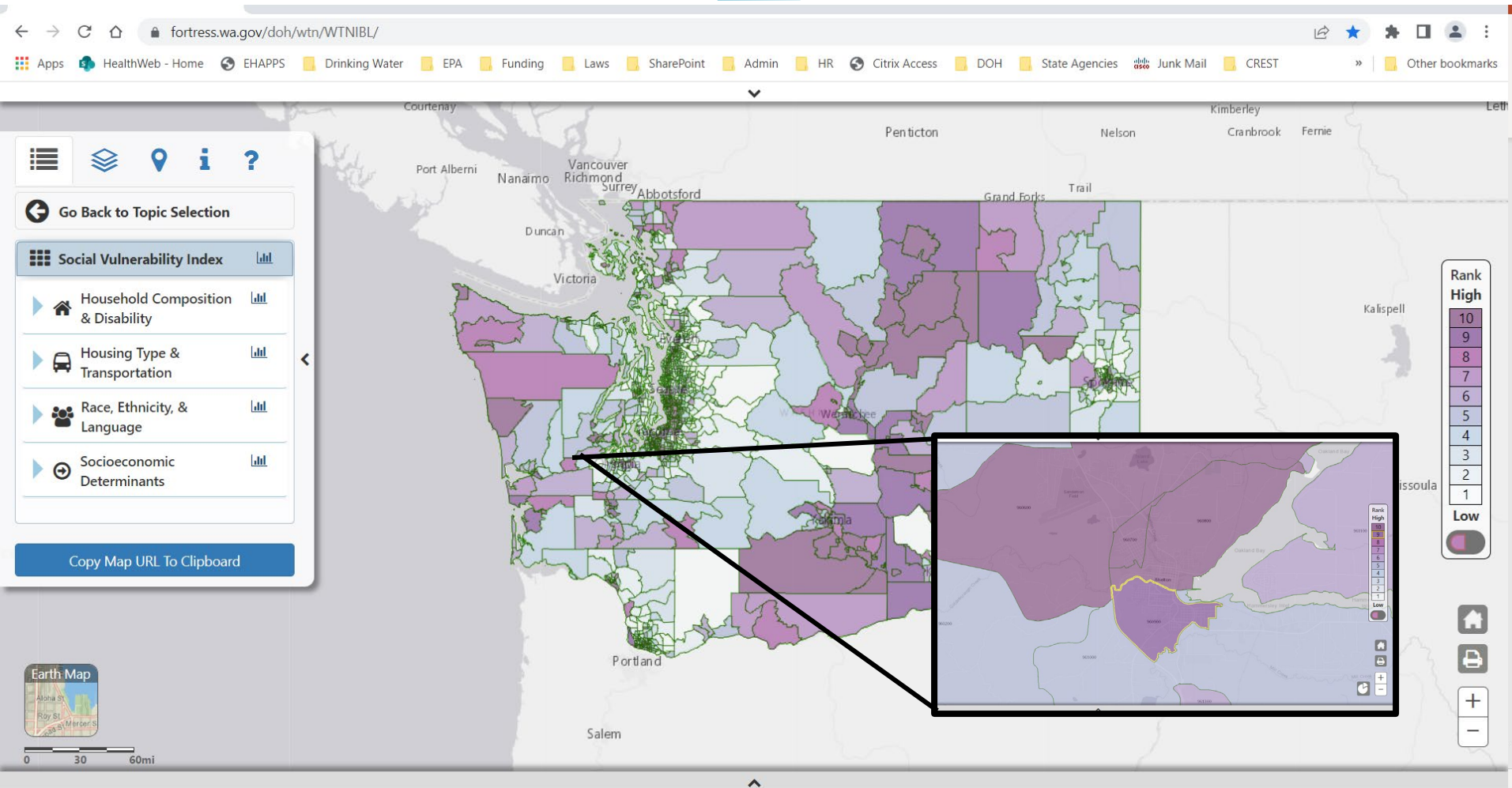
Copy Map URL To Clipboard

Click on “Social Vulnerability Index”

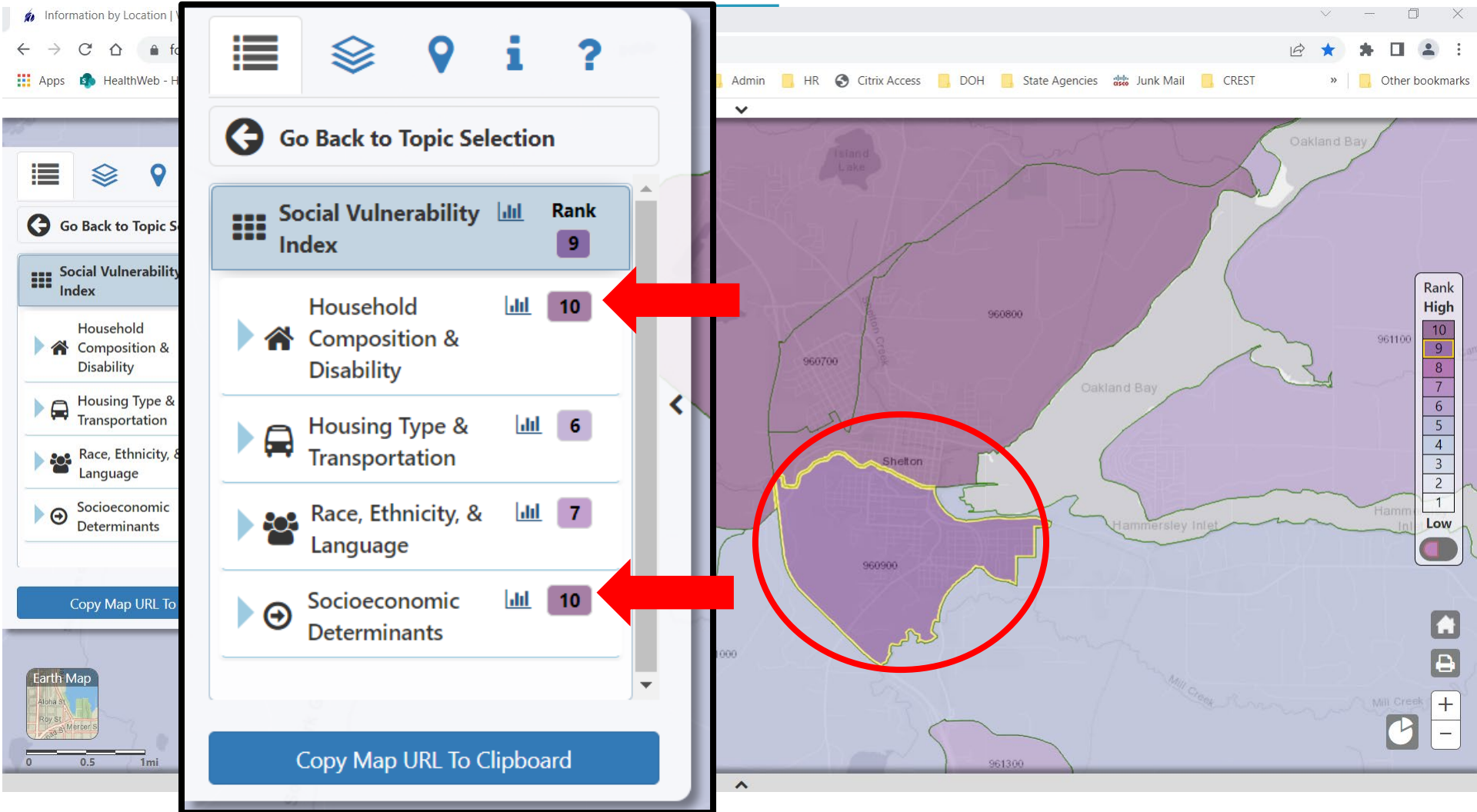
Earth Map

0 30 60mi

Zoom in to Desired Census Tract(s) and Select It



Read the “Household Composition & Disability” rating and “Socioeconomic Determinants” rating



Enter Points Based on The Two Ratings

Example_CommunityImpactMatrix_Shelton Category 1 • Last Modified: Fri at 2:59 PM

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6

7 3. Complete the four tables below. Add the scores for a combined score. If you score 5 or more points, you are a DAC. Censu

8 3a. Household Composition and Disability Rank from the Department of Health's Environmental Health Disparities Map

Rank	Possible Score	Actual Score
Rank 9 or 10	5	5
Rank 7 or 8	4	
Rank 5 or 6	3	
Rank 3 or 4	1	
Rank 1 or 2	0	

EHD Map: <https://fortress.wa.gov/doh/wtn/WTNIBL/>

9 Rank

10 Rank 9 or 10

11 Rank 7 or 8

12 Rank 5 or 6

13 Rank 3 or 4

14 Rank 1 or 2

15

16 3b. Socioeconomic Determinant Rank from the Department of Health's Environmental Health Disparities Map

Rank	Possible Score	Actual Score
Rank 9 or 10	5	5
Rank 7 or 8	4	
Rank 5 or 6	3	
Rank 3 or 4	1	
Rank 1 or 2	0	

EHD Map: <https://fortress.wa.gov/doh/wtn/WTNIBL/>

17 Rank

18 Rank 9 or 10

19 Rank 7 or 8

20 Rank 5 or 6

21 Rank 3 or 4

22 Rank 1 or 2

23

24 3c. Average Annual Combined Water, Wastewater/Septic, and/or Stormwater User Charge as a percentage of the local or ser

25 area Annual Median Household Income (MHI).

Percent	Possible Score	Actual Score

MHI: <https://ofm.wa.gov/sites/default/files/public/dataresearch>

Sheet1

7 3. Complete the four tables below. Add

8 3a. Household Composition and Disabili

	Possible Score	Actual Score
9 Rank		5
10 Rank 9 or 10	5	
11 Rank 7 or 8	4	
12 Rank 5 or 6	3	
13 Rank 3 or 4	1	
14 Rank 1 or 2	0	

15

16 3b. Socioeconomic Determinant Rank fro

	Possible Score	Actual Score
17 Rank		5
18 Rank 9 or 10	5	
19 Rank 7 or 8	4	
20 Rank 5 or 6	3	
21 Rank 3 or 4	1	
22 Rank 1 or 2	0	

23

Median Household Income Spreadsheet

1. Click on the link to the Median Household Income (MHI) on the Office of Financial Management website:
https://ofm.wa.gov/sites/default/files/public/dataresearch/economy/median_household_income_estimates.xlsx
2. Download the Excel file.
3. Open the file and locate the row for your county.
4. Scroll to the last column which currently is an estimate for 2022.
5. Note the annual MHI for your county.

A1 Washington State Median Household Income Estimates by County: 1989 to 2019; Preliminary estimates for 2021

1 Washington State Median Household Income Estimates by County: 1989 to 2019; Preliminary estimates for 2021
 2 and Projections for 2022 in Current Dollars

Census	Estimate																		Prelim. Estimate	Projection													
	Estimate																																
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006			2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Washington	31,183	33,417	34,379	35,882	36,679	37,895	38,997	40,568	42,399	44,514	45,776	44,120	45,761	46,039	46,967	49,585	50,004	53,522	56,141	57,858	55,458	54,888	55,500	56,444	57,284	60,153	63,439	65,000	66,879	67,847	75,882	84,155	86,343
Adams	24,604	28,024	27,301	28,328	31,277	29,537	29,604	31,806	31,795	34,073	33,888	35,292	37,839	38,306	38,934	39,235	39,105	41,298	42,299	42,455	41,102	40,656	41,068	42,354	43,541	45,712	47,646	49,000	50,866	52,663	55,571	58,478	
Asotin	22,897	24,206	25,110	26,251	27,359	27,873	28,288	29,813	31,499	32,477	33,524	32,590	35,920	37,013	37,080	37,140	37,657	39,768	40,558	42,945	40,035	39,820	40,171	41,703	42,174	43,368	46,107	47,881	50,207	52,487	55,157		
Benton	32,593	35,012	37,093	39,228	41,153	42,790	42,540	42,817	44,057	45,665	47,044	49,389	52,598	53,736	55,409	57,613	56,200	54,942	55,361	57,114	58,496	60,070	60,608	62,739	63,710	63,157	62,071	62,744	64,356	66,412	68,752		
Chelan	24,312	25,833	27,592	28,746	30,148	31,547	32,164	33,918	35,662	37,175	37,316	39,439	41,653	41,731	42,918	43,696	44,422	46,522	44,964	44,013	46,780	45,478	46,275	47,265	51,713	50,825	53,068	55,413	58,062	61,000	64,248		
Cllallam	25,434	27,329	27,861	28,578	29,340	29,951	31,163	32,559	34,770	36,012	36,887	44,824	45,454	46,241	48,817	47,767	55,664	57,571	54,712	62,623	65,652	65,975	68,397	69,921	71,922	71,659	80,407	76,929	83,790	87,397	92,882		
Clark	31,800	33,734	34,250	35,847	37,418	38,828	40,525	43,044	45,705	47,252	47,562	56,221	56,105	58,538	57,664	58,854	63,345	62,516	63,575	73,656	79,532	85,877	88,777	91,533	94,190	96,790	99,333	101,917	104,543	107,212	110,926		
Columbia	22,418	24,478	24,123	26,136	28,123	26,779	29,861	33,041	30,820	33,060	33,661	41,887	44,824	45,454	46,241	48,817	47,767	55,664	57,571	54,712	62,623	65,652	65,975	68,397	69,921	71,922	71,659	80,407	76,929	83,790	87,397	92,882	
Cowlitz	27,866	29,746	31,038	31,195	31,957	33,309	34,191	35,516	36,738	38,437	39,461	41,887	44,824	45,454	46,241	48,817	47,767	55,664	57,571	54,712	62,623	65,652	65,975	68,397	69,921	71,922	71,659	80,407	76,929	83,790	87,397	92,882	
Douglas	27,054	28,708	29,407	30,932	31,855	32,688	32,930	35,420	36,855	37,733	38,437	41,887	44,824	45,454	46,241	48,817	47,767	55,664	57,571	54,712	62,623	65,652	65,975	68,397	69,921	71,922	71,659	80,407	76,929	83,790	87,397	92,882	
Ferry	25,170	27,355	27,236	27,841	27,829	29,587	28,910	30,091	30,489	30,412	31,200	32,500	33,900	35,300	36,700	38,100	39,500	40,900	42,300	43,700	45,100	46,500	47,900	49,300	50,700	52,100	53,500	54,900	56,300	57,700	59,100	60,500	
Franklin	24,604	26,435	26,861	28,680	30,902	31,768	32,604	34,843	35,770	37,209	38,100	41,887	44,824	45,454	46,241	48,817	47,767	55,664	57,571	54,712	62,623	65,652	65,975	68,397	69,921	71,922	71,659	80,407	76,929	83,790	87,397	92,882	
Garfield	25,156	26,534	27,185	28,554	30,368	27,044	30,435	34,959	34,792	36,608	37,316	39,439	41,653	41,731	42,918	43,696	44,422	46,522	44,964	44,013	46,780	45,478	46,275	47,265	51,713	50,825	53,068	55,413	58,062	61,000	64,248		
Grant	22,372	24,216	25,463	26,996	29,172	29,978	30,384	32,738	33,977	35,692	36,887	44,824	45,454	46,241	48,817	47,767	55,664	57,571	54,712	62,623	65,652	65,975	68,397	69,921	71,922	71,659	80,407	76,929	83,790	87,397	92,882		
Grays Harbor	23,042	24,053	24,677	26,038	27,002	27,252	28,638	29,792	31,368	33,167	34,100	41,887	44,824	45,454	46,241	48,817	47,767	55,664	57,571	54,712	62,623	65,652	65,975	68,397	69,921	71,922	71,659	80,407	76,929	83,790	87,397	92,882	
Island	29,161	30,642	32,030	33,139	34,594	35,975	37,178	39,716	41,901	44,824	45,776	44,120	45,761	46,039	46,967	49,585	50,004	53,522	56,141	57,858	55,458	54,888	55,500	56,444	57,284	60,153	63,439	65,000	66,879	67,847	75,882	84,155	86,343
Jefferson	25,197	27,294	28,465	29,171	29,885	30,606	31,058	32,530	34,282	36,404	37,316	39,439	41,653	41,731	42,918	43,696	44,422	46,522	44,964	44,013	46,780	45,478	46,275	47,265	51,713	50,825	53,068	55,413	58,062	61,000	64,248		
King	36,179	38,633	39,831	41,647	42,234	43,810	45,397	46,726	48,271	51,266	52,100	56,221	56,105	58,538	57,664	58,854	63,345	62,516	63,575	73,656	79,532	85,877	88,777	91,533	94,190	96,790	99,333	101,917	104,543	107,212	110,926		
Kitsap	32,043	36,145	37,380	38,404	39,391	40,407	40,630	41,740	44,098	45,667	46,967	49,585	50,004	53,522	56,141	57,858	55,458	54,888	55,500	56,444	57,284	60,153	63,439	65,000	66,879	67,847	75,882	84,155	86,343	88,777	91,533	94,190	
Kittitas	20,489	21,773	22,793	23,828	25,126	26,061	27,089	28,626	29,775	31,495	32,477	33,524	32,590	35,920	37,013	37,080	37,140	37,657	39,768	40,558	42,945	40,035	39,820	40,171	41,703	42,174	43,368	46,107	47,881	50,207	52,487	55,157	
Klickitat	23,012	24,590	24,542	25,518	27,209	28,739	29,745	32,935	33,543	34,249	35,100	41,887	44,824	45,454	46,241	48,817	47,767	55,664	57,571	54,712	62,623	65,652	65,975	68,397	69,921	71,922	71,659	80,407	76,929	83,790	87,397	92,882	
Lewis	24,400	26,300	26,800	28,500	29,744	30,621	32,112	33,610	34,315	35,692	36,887	44,824	45,454	46,241	48,817	47,767	55,664	57,571	54,712	62,623	65,652	65,975	68,397	69,921	71,922	71,659	80,407	76,929	83,790	87,397	92,882		
Linn	24,604	26,435	26,861	28,680	29,777	28,941	31,844	35,152	35,838	36,106	37,209	41,887	44,824	45,454	46,241	48,817	47,767	55,664	57,571	54,712	62,623	65,652	65,975	68,397	69,921	71,922	71,659	80,407	76,929	83,790	87,397	92,882	
Mason	26,300	28,300	29,000	30,776	31,553	32,792	34,748	36,524	38,531	40,495	41,887	44,824	45,454	46,241	48,817	47,767	55,664	57,571	54,712	62,623	65,652	65,975	68,397	69,921	71,922	71,659	80,407	76,929	83,790	87,397	92,882		
Okanogan	20,300	22,000	22,500	25,074	25,999	25,495	27,576	28,047	29,598	31,200	32,477	33,524	32,590	35,920	37,013	37,080	37,140	37,657	39,768	40,558	42,945	40,035	39,820	40,171	41,703	42,174	43,368	46,107	47,881	50,207	52,487	55,157	
Pacific	20,000	22,000	22,500	25,074	25,999	25,495	27,576	28,047	29,598	31,200	32,477	33,524	32,590	35,920	37,013	37,080	37,140	37,657	39,768	40,558	42,945	40,035	39,820	40,171	41,703	42,174	43,368	46,107	47,881	50,207	52,487	55,157	
Pend Oreille	20,808	22,660	23,214	24,690	26,103	27,123	28,328	29,785	31,223	31,684	32,477	33,524	32,590	35,920	37,013	37,080	37,140	37,657	39,768	40,558	42,945	40,035	39,820	40,171	41,703	42,174	43,368	46,107	47,881	50,207	52,487	55,157	
Pierce	30,412	33,380	33,976	35,417	36,210	37,105	38,222	39,878	42,596	44,333	45,776	44,120	45,761	46,039	46,967	49,585	50,004	53,522	56,141	57,858	55,458	54,888	55,500	56,444	57,284	60,153	63,439	65,000	66,879	67,847	75,882	84,155	86,343
Snohomish	41,372	45,000	45,800	49,500	50,500	52,000	54,500	57,500	60,500	63,500	66,500	70,500	73,500	76,500	79,500	83,500	86,500	90,500	93,500	97,500	101,500	105,500	109,500	113,500	117,500	121,500	125,500	129,500	133,500	137,500	141,500	145,500	
Spokane	31,200	33,200	34,200	36,200	38,200	39,200	41,200	43,200	45,200	47,200	48,200	51,200	53,200	55,200	57,200	59,200	61,200	63,200	65,200	67,200	69,200	71,200	73,200	75,200	77,200	79,200	81,200	83,200	85,200	87,200	89,200	91,200	93,200
Strom	21,200	23,200	24,200	26,200	28,200	29,200	31,200	33,200	35,200	37,200	38,200	41,200	43,200	45,200	47,200	49,200	51,200	53,200	55,200	57,200	59,200	61,200	63,200	65,200	67,200	69,200	71,200	73,200	75,200	77,200	79,200	81,200	83,200
Thurston	23,200	25,200	26,200	28,200	29,200	31,200	33,200	35,200	37,200	39,200	40,200	43,200	45,200	47,200	49,200	51,200	53,200	55,200	57,200	59,200	61,200	63,200	65,200	67,200	69,2								

Combined Water Rate

- Identify the water and sewer/septic for your community for average usage or 401 cubic feet per month (cf/mo) or 3000 gallons per month (gal/mo).
- For septic systems, use annual maintenance costs for pumping and inspections.
- Identify monthly stormwater rate.
- There may not be a stormwater rate.
- Add monthly water rate to monthly sewer rate and monthly stormwater rate for Combined Water Rate.

Combined Water Rate Example

● Example: City of Shelton

- Monthly water service rate = \$16.46
- Monthly water consumption rate = \$0.0345 for up to 600 cf (4488 gal)
 - Assume 401 cf (3000 gal) per month
 - $\$0.0345 \times 401 \text{ cf} = \13.83
 - Total water monthly charge = $\$16.46 + \$13.83 = \mathbf{\$30.29}$
- Monthly sewer base rate = \$54.14
- Monthly sewer consumption rate = \$0.1084 for up to 400 cf
 - $\$0.01084 \times 401 \text{ cf} = \4.35
 - Total sewer monthly charge = $\$54.14 + \$4.35 = \mathbf{\$58.49}$
- Monthly storm drainage rate = **\$17.85**
- Combined Water Rate = $\$30.29 + \$58.49 + \$17.85 = \mathbf{\$106.63 \text{ per month}}$

Annual Combined Water Rate to Median Household Income

● Example: City of Shelton

- Monthly Combined Water Rate = \$106.63 per month
- Annual Combined Water Rate (ACWR) = \$106.63 x 12 months = \$1279.56
- MHI for my census block in City of Shelton = \$77,936
- ACWR compared to MHI = \$1279.56 divided by \$77,936 = 0.0164 multiplied by 100 = **1.64%**
- If X.X5, round up.
- If X.X4, round down.

Enter Points for ACWR to MHI

Example_CommunityImpactMatrix_Shelton Category 1 • Last Modified: Fri at 2:59 PM

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Clipboard Font Alignment Number Styles Cells Editing

Q31

Rank 1 or 2	Possible Score	Actual Score	MHI:
Greater than 2.0	5		https://ofm.wa.gov/sites/default/files/public/dataresearch/economy/median_household_income_estimates.xls
2.0 to 2.5	4		
1.5 to 1.9	3	3	
1.0 to 1.4	2		
0.5 to 0.9	1		

3d. Percent of people living below 300 percent of the Federal Poverty Level

Percent	Possible Score	Actual Score	US Census Bureau American Community Survey
Greater than 40	5		http://www.census.gov/popest/data/totals/nation/nation.html
40 to 30	4		
30 to 20	3		
20 to 10	2		
10 to 5	1	1	

Percent	Possible Score	Actual Score
Greater than 2.0	5	
2.0 to 2.5	4	
1.5 to 1.9	3	3
1.0 to 1.4	2	
0.5 to 0.9	1	

Combined Score 14 Yes a disadvantaged community

Data.Census.gov

- Visit <https://data.census.gov/>
- Search “Percent below poverty level in Washington”
- At top of map, click “Variable(s)”
 - Scroll down to select “Below poverty – Population for whom poverty status is determined – ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS – 300 percent of poverty level – Estimate
 - Click “Done”
- At top of map, click “Layer”
 - Scroll down to “Census Tract” and click on it
 - Zoom in to Washington State and the census tract(s) you want to review. Click on the census tract.
 - Click on “View Profile”

Select "Variable(s)" at the top of the Map

The screenshot displays the data.census.gov map interface. At the top, the browser address bar shows the URL: data.census.gov/map?q=poverty+in+Washington+in+2020&tid=ACSST5Y2020.S1701&cid=S1701_C03_043E&layer=VT_2020_040_00_PP_D1&mode=thematic&loc=47.3013,.... The search bar contains the text "poverty in Washington in 2020". The interface includes a navigation menu with "All", "Tables", "Maps", and "Pages" tabs, with "Maps" selected. A sidebar on the left lists 80 results, with the first result selected: "American Community Survey S1701 | POVERTY STATUS IN THE PAST 12 MONTHS". The main map area shows a map of Washington state with a legend for "Percent below poverty level—Population for whom poverty status is determined—ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS—300 percent of poverty level—Estimate in 2020". The legend includes a "No Data" category and a "Style" section for "State". A toolbar at the top of the map area contains various icons, with the "Variable(s)" icon circled in red. A black box highlights the toolbar area, and a red circle also highlights the "Variable(s)" icon within this box. The bottom right corner of the map shows the text "S1701 | 2020 ACS 5-Year Estimates Subject Tables" and a "50 mi" scale bar.

Scroll Down to “Percent below poverty level – Population for whom poverty status is determined – ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS – 300 percent of poverty level – Estimate”

American Community Survey

Below poverty level—Population for whom poverty status is determined—ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS—300 percent

2020 : ACS 5-Year Estimates Subject Tables

Variable(s) | Select | Clear Geos | Layer | Year | Basemap | Boundaries | Colors | Identify | Table | Notes | Share

Below poverty level—Population for whom poverty status is determ... ^

- Percent below poverty level—Population for whom poverty status is determined—ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS—125 percent of poverty level—Estimate
- Percent below poverty level—Population for whom poverty status is determined—ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS—150 percent of poverty level—Estimate
- Percent below poverty level—Population for whom poverty status is determined—ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS—185 percent of poverty level—Estimate
- Percent below poverty level—Population for whom poverty status is determined—ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS—200 percent of poverty level—Estimate
- Percent below poverty level—Population for whom poverty status is determined—ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS—300 percent of poverty level—Estimate
- Percent below poverty level—Population for whom poverty status is determined—ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS—400 percent of poverty level—Estimate
- Percent below poverty level—Population for whom poverty status is determined—ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS—500 percent of poverty level—Estimate
- Percent below poverty level—UNRELATED INDIVIDUALS FOR WHOM POVERTY STATUS IS DETERMINED—Estimate

Select "Layer" at top of the Map

The screenshot displays the Census Bureau's interactive map interface. The browser address bar shows the URL: `data.census.gov/map?q=poverty+in+Washington+in+2020&tid=ACSS5Y2020.S1701&cid=S1701_C03_043E&layer=VT_2020_040_00_PP_D1&mode=thematic&loc=47.3013,-121.2...`. The page title is "poverty in Washington in 2020". The interface includes a search bar, navigation tabs (All, Tables, Maps, Pages), and a sidebar with 80 results. The main map area shows a map of Washington state with a legend for "Percent below poverty level—Population for whom poverty status is determined—ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS—300 percent of poverty level—Estimate in 2020". The legend includes a "No Data" category and a "Geos: 1" category. The map interface includes a toolbar with various icons, and the "Layer" icon is highlighted with a red circle. A black box highlights the map title and toolbar area.

United States Census Bureau

poverty in Washington in 2020

Advanced Search

All Tables **Maps** Pages

Microdata Help FAQ Feedback

80 Results

View: 10 | 25 | 50

Download Table Data

SELECTION MAP

American Community Survey

S1701 | POVERTY STATUS IN THE PAST 12 MONTHS

2020: ACS 5-Year Estimates Subject Tables

American Community Survey

S1702 | POVERTY STATUS IN THE PAST 12 MONTHS OF FAMILIES

2020: ACS 5-Year Estimates Subject Tables

American Community Survey

S1703 | SELECTED CHARACTERISTICS OF PEOPLE AT SPECIFIED LEVELS OF POVERTY IN THE PAST 12 MONTHS

2020: ACS 5-Year Estimates Subject Tables

American Community Survey

S2201 | FOOD STAMPS/SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM (SNAP)

2020: ACS 5-Year Estimates Subject Tables

American Community Survey

B05010 | RATIO OF INCOME TO POVERTY LEVEL IN THE PAST 12 MONTHS BY NATIVITY OF CHILDREN UNDER 18 YEARS IN FAMILIES AND SUBFAMILIES BY LIVING ARRANGEMENTS AND NATIVITY OF PARENTS

2020: ACS 5-Year Estimates Detailed Tables

American Community Survey

B06012 | PLACE OF BIRTH BY POVERTY STATUS IN THE PAST 12 MONTHS IN THE UNITED STATES

2020: ACS 5-Year Estimates Detailed Tables

American Community Survey

Percent below poverty level—Population for whom poverty status is determined—ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS—300 percent of poverty level—Estimate in 2020

2020 : ACS 5-Year Estimates Subject Tables

Variable(s) Select Clear Geos Layer Year Basemap Boundaries Colors Identify Table Notes Share

American Community Survey

Percent below poverty level—Population for whom ... in 2020

Geos: 1

No Data 7

Styles

State

S1701 | 2020 ACS 5-Year Estimates Subject Tables

50 mi

80 Results
View: 10 | 25 | 50
Download Table Data
SELECTION MAP

American Community Survey
S1701 | POVERTY STATUS IN THE PAST 12 MONTHS
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
S1701 | POVERTY STATUS IN THE PAST 12 MONTHS
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
S1701 | POVERTY STATUS IN THE PAST 12 MONTHS
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
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2020: ACS 5-Year Estimates Subject Tables

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American Community Survey
S1701 | POVERTY STATUS IN THE PAST 12 MONTHS
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
S1701 | POVERTY STATUS IN THE PAST 12 MONTHS
2020: ACS 5-Year Estimates Subject Tables

Scroll down to
Census Tract map

Information by Location | Washin... x
1701: Percent below poverty... x
data.census.gov/map?q=poverty+in+Washington+in+2020&tid=ACST5Y2020.S1701&cid=S1701_C03_043E&layer=VT_2020_140_00_PY_D1&mode=thematic&loc=47...

United States Census Bureau
poverty in Washington in 2020
Advanced Search

All Tables **Maps** Pages

80 Results
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SELECTION MAP

American Community Survey
S1701 | POVERTY STATUS IN THE PAST 12 MONTHS
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
S1702 | POVERTY STATUS IN THE PAST 12 MONTHS OF FAMILIES
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
S1703 | SELECTED CHARACTERISTICS OF PEOPLE AT SPECIFIED LEVELS OF POVERTY IN THE PAST 12 MONTHS
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
S2201 | FOOD STAMPS/SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM (SNAP)
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
B05010 | RATIO OF INCOME TO POVERTY LEVEL IN THE PAST 12 MONTHS BY NATIVITY OF

Variable(s) Select Clear Geos Layer Year Basemap Boundaries Colors Identify Table Notes Share

Scroll in to the census tract(s) and click on one.

United States Census Bureau
poverty in Washington in 2020
Advanced Search

All Tables **Maps** Pages

80 Results
View: 10 | 25 | 50
Download Table Data

SELECTION MAP

American Community Survey
S1701 | POVERTY STATUS IN THE PAST 12 MONTHS
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
S1702 | POVERTY STATUS IN THE PAST 12 MONTHS OF FAMILIES
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
S1703 | SELECTED CHARACTERISTICS OF PEOPLE AT SPECIFIED LEVELS OF POVERTY IN THE PAST 12 MONTHS
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
S2201 | FOOD STAMPS/SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM (SNAP)
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
B05010 | RATIO OF INCOME TO POVERTY LEVEL IN THE PAST 12 MONTHS BY NATIVITY OF

Variable(s) Select Clear Geos Layer Year Basemap Boundaries Colors Identify Table Notes Share

Percent below poverty level

United States Census Bureau
poverty in Washington in 2020
Advanced Search

All Tables **Maps** Pages

80 Results
View: 10 | 25 | 50
Download Table Data

SELECTION MAP

American Community Survey
S1701 | POVERTY STATUS IN THE PAST 12 MONTHS
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
S1702 | POVERTY STATUS IN THE PAST 12 MONTHS OF FAMILIES
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
S1703 | SELECTED CHARACTERISTICS OF PEOPLE AT SPECIFIED LEVELS OF POVERTY IN THE PAST 12 MONTHS
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
S2201 | FOOD STAMPS/SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM (SNAP)
2020: ACS 5-Year Estimates Subject Tables

American Community Survey
B05010 | RATIO OF INCOME TO POVERTY LEVEL IN THE PAST 12 MONTHS BY NATIVITY OF

Variable(s) Select Clear Geos Layer Year Basemap Boundaries Colors Identify Table Notes Share

Percent below poverty level

Census Tract 9609, Mason County,...

View Profile

Select

Click on "View Profile"

Select "Income and Poverty"

data.census.gov/profile/Census_Tract_9609_Mason_County_Washington?g=1400000US53045960900

United States Census Bureau

Census Tract 9609; Mason County; Washington

Census Tract 9609; Mason County; Washington is a Census Tract located in Mason County, Washington

Share Profile

Income and Poverty
Median Household Income
\$59,391
S1901 | 2021 American Community Survey 5-Year Estimates

Housing
Total Housing Units
1,857
H1 | 2020 Decennial Census

Populations and People
Total Population
5,208
P1 | 2020 Decennial Census

Employment
Employment Rate
55.7%
DP03 | 2021 American Community Survey 5-Year Estimates

Families and Living Arrangements
Total Households
1,615
DP02 | 2021 American Community Survey 5-Year Estimates

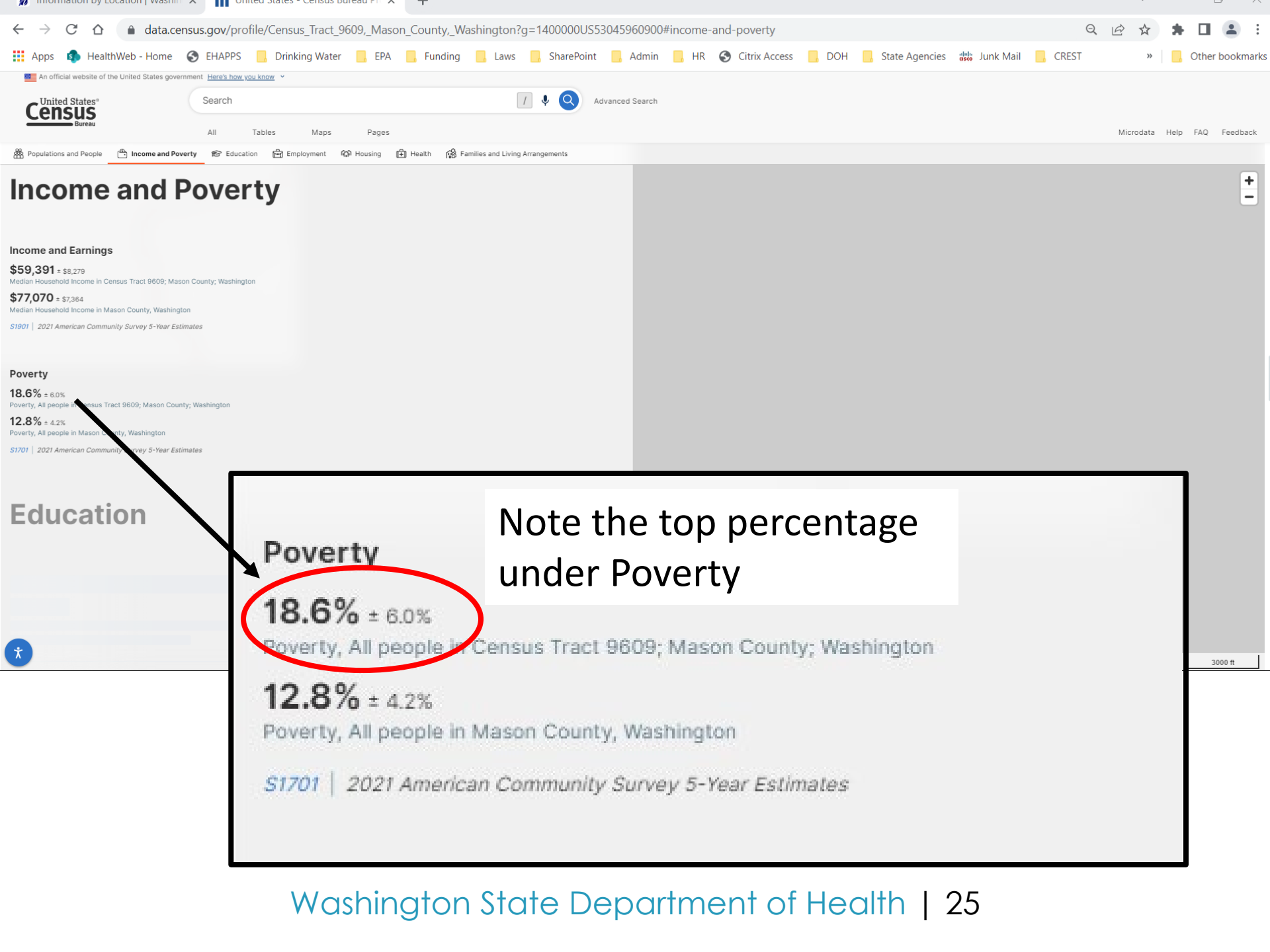
Income and Poverty
Median Household Income
\$59,391
S1901 | 2021 American Community Survey 5-Year Estimates

Housing
Total Housing Units
1,857
H1 | 2020 Decennial Census

Education
Bachelor's Degree or Higher
11.8%
S1501 | 2021 American Community Survey 5-Year Estimates

Health
Without Health Care Coverage
9.9%
S2701 | 2021 American Community Survey 5-Year Estimates

Display Sources



Income and Poverty

Income and Earnings

\$59,391 ± \$8,279
Median Household Income in Census Tract 9609; Mason County; Washington

\$77,070 ± \$7,364
Median Household Income in Mason County; Washington

S1901 | 2021 American Community Survey 5-Year Estimates

Poverty

18.6% ± 6.0%
Poverty, All people in Census Tract 9609; Mason County; Washington

12.8% ± 4.2%
Poverty, All people in Mason County; Washington

S1701 | 2021 American Community Survey 5-Year Estimates

Education

Note the top percentage under Poverty

18.6% ± 6.0%

Poverty, All people in Census Tract 9609; Mason County; Washington

12.8% ± 4.2%

Poverty, All people in Mason County; Washington

S1701 | 2021 American Community Survey 5-Year Estimates

Enter Points for Percent Poverty Level

32				
33	3d. Percent of people living below 300 per			
34	Percent	Possible Score	Actual Score	
35	Greater than	5		
36	40 ot 50	4		
37	30 to 39	3		
38	20 to 29	2		
39	10 to 19	1	1	
40				
41				



Combined Score Determines Disadvantaged Community

1	Are you a disadvantaged community (DAC)?			
2				
3	1. Is your water system owned and operated by a federally recognized tribe in Washington?			
4	2. Does your water system serve residential connections?			
5	If yes to Questions 1 and 2, you are a DAC.			
6				
7	3. Complete the four tables below. Add the scores for a combined score. If you score 5 or greater, you are a DAC.			
8	3a. Household Composition and Disability Rank from the Department of Health's Environmental Health Data System (EHDS)			
9	Rank	Possible Score	Actual Score	EHD Map: https://fortress.wa.gov/c
10	Rank 9 or 10	5	5	
11	Rank 7 or 8	4		
12	Rank 5 or 6	3		
13	Rank 3 or 4	1		
14	Rank 1 or 2	0		
15				
16	3b. Socioeconomic Determinant Rank from the Department of Health's Environmental Health Data System (EHDS)			
17	Rank	Possible Score	Actual Score	EHD Map: https://fortress.wa.gov/c
18	Rank 9 or 10	5	5	
19	Rank 7 or 8	4		
20	Rank 5 or 6	3		
21	Rank 3 or 4	1		
22	Rank 1 or 2	0		
23				
24	3c. Average Annual Combined Water, Wastewater/Septic, and/or Stormwater User Area Annual Median Household Income (MHI).			
25				
26	Percent	Possible Score	Actual Score	MHI: https://ofm.wa.gov/sites
27	Greater than 2.5	5		
28	2.0 to 2.5	4		
29	1.5 to 1.9	3	3	
30	1.0 to 1.4	2		
31	0.5 to 0.9	1		
32				
33	3d. Percent of people living below 300 percent of the Federal Poverty Level from the Bureau of Economic Analysis (BEA) American Community Survey			
34	Percent	Possible Score	Actual Score	Bureau American Community Survey https://data.census.gov
35	Greater than 40	5		
36	40 to 39	4		
37	30 to 29	3		
38	20 to 19	2		
39	10 to 9	1	1	
40				
41	Combined Score		14	Yes a disadvantaged community
42				
43				
44				
45				

Combined score 5 or greater indicates the water system is a disadvantaged community.

40					
41	Combined Score	14	Yes	a disadvantaged community	
42					

Discussion

- Does the matrix work for your water system?
- Should we rethink Poverty Level?
- Are there other criteria we should consider?

Contacts

Issue	Contact	Phone	Email
Disadvantaged Community (DAC) Comments			DWSRF@doh.wa.gov
Eligibility, Scope of Work, DAC Matrix, General Funding Questions	Jocelyne Gray	564-669-4893	Jocelyne.Gray@doh.wa.gov
WALT, Application, General Questions	Sara Herrera	360-236-3089	Sara.Herrera@doh.wa.gov
Cultural, Historical, and Environmental Reviews	Scott Kugel	509-329-2117	Scott.Kugel@doh.wa.gov
Technical Assistance	Chelsea Cannard		Chelsea.Cannard@doh.wa.gov
DWSRF Program Manager	Chris Pettit		Chris.Pettit@doh.wa.gov
Underwriting	Mike Copeland	360-236-3083	Michael.Copeland@doh.wa.gov

Questions?



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