

**BEFORE THE WASHINGTON  
UTILITIES AND TRANSPORTATION COMMISSION**

In the Matter of the Regulated Utility  
Response to the COVID-19 Pandemic

DOCKET U-200281

**ATTACHMENT A**

**TO**

**COMMENTS OF THE ENERGY PROJECT**

**April 30, 2021**

**Highlights: Top Zip Code Analysis**  
**Puget Sound Energy (PSE) Residential Arrearages &**  
**Public and Environmental Health Disparities**  
*as of December 2020*

**193/225**

*zip codes had arrearages  
that grew > 50% from  
Dec. 2019 to Dec. 2020*

The vast majority of PSE's 225 zip codes have experienced **substantial growth in residential arrearages** since prior to the pandemic in December 2019, however...

**21%**

*of all residential  
arrears are from the  
Top 10 zip codes*

**25%**

*of known low-income  
residential arrears are  
from the Top 10 zip codes*

A significant portion of residential and known low-income arrearages are **concentrated in a few zip codes**.

### **TOP FIVE ZIP CODES**

- PSE's top 5 zip codes have the highest correlation with *people of color* and *social vulnerability to COVID-19* of any of the IOUs.
- All five zip codes have areas designated as **Highly Impacted Communities (HIC)**.

## TOP FIVE ZIP CODES - IN DEPTH

### Summary of Tables

Of PSE's 225 zip codes, the top five zip codes with the highest total residential arrearages and highest known low-income (KLI) residential arrearages account for 12% and 12%, respectively, of the entire total for December 2020. The corresponding 90+ day arrearages for these zip codes also account for 12% and 12% of the entire total for December 2020. All five zip codes include areas classified as "Highly Impacted Communities" by the Washington State Department of Health (DOH).

**Table 1. Top 5 Zip Codes with Highest Arrearages (of 225 Zip Codes)<sup>1</sup>**  
as of December 2020

	ZC 1	ZC 2	ZC3	ZC 4	ZC 5	Sum & % of Dec. 2020 Residential (or KLI) Total
<b>Puget Sound Energy</b>	98003	98023	98032	98002	98312	
<i>Communities Served</i>	<i>Federal Way</i>	<i>Federal Way</i>	<i>Kent</i>	<i>Auburn</i>	<i>Bremerton</i>	
<b>Total Residential Arrearages</b>	\$ 1,015,983	\$ 944,294	\$ 772,834	\$ 733,719	\$ 719,028	\$4.19M (12%)
Per Capita Arrearages	\$ 258	\$ 310	\$ 233	\$ 255	\$ 276	N/A
90+ Day Arrearages	\$ 706,844	\$ 682,428	\$ 518,486	\$ 579,193	\$ 546,380	\$3.03M (12%)
<b>KLI Arrearages</b>	\$ 228,656	\$ 181,301	\$ 165,358	\$ 156,509	\$ 148,886	\$0.88M (12%)
90+ Day Arrearages	\$ 154,025	\$ 124,465	\$ 109,040	\$ 120,043	\$ 105,163	\$0.61M (12%)

Sources: U-200281, PSE Arrearage Data through December 2020, (Feb. 9, 2021), Sheets 7 & 8; UTC Staff Residential Arrearage Map Tool (per capita data).

-Darker shading within a row indicates a higher value.

**Table 2. Highly Impacted Communities & DOH Social and Health Vulnerability Measure Rankings in Top 5 Zip Codes**

Top 5 Zip Codes with Highest Arrears	Communities Served	Number of Census Tracts per Zip Code	% Growth in Arrearages (2019-2020)	Range of DOH Disparities Ranks				
				People of Color	Unemployed	Social Vulnerability to COVID-19	Pop. In Poverty ≤ 185% FPL	Highly Impacted Community
98003	<i>Federal Way</i>	15	212	8-10	3-9	6-10	4-9	Yes
98023	<i>Federal Way</i>	10	219	7-10	2-10	6-9	4-7	Yes
98032	<i>Kent</i>	13	146	8-10	4-10	7-10	5-10	Yes
98002	<i>Auburn</i>	8	314	7-9	2-9	8-10	6-10	Yes
98312	<i>Bremerton</i>	13	104	2-8	2-9	2-8	1-9	Yes

Sources: WA Dept. of Health (DOH) Environmental Health Disparities (EHD) Mapping tool. <sup>2</sup> <<<https://fortress.wa.gov/doh/wtrn/WTNIBL>>>; Washington Tracking Network Mapping tool <sup>3</sup>; Geography Division, U.S. Census Bureau, Geocorr 2018 (census tracts within zip codes).

-Highlighted cells indicate zip codes with a census tract that ranked 9 or 10 by DOH, on a scale of 1-10, or have been designated as HIC.

-Highly Impacted Communities (HIC) meet one of two criteria: 1) a census tract is at least partially covered by Tribal Lands, or 2) a census tract ranks 9 or 10 on the DOH Environmental Health Disparities Map.

-The percent growth data excludes arrearages from 1-30 days that PSE initially reported.

<sup>1</sup> The 30/60/90 residential vintage data totals \$34.86M, which is the total past due amount shown in Table 1. The residential 'total arrearages' reported by PSE are \$59.155M, but PSE has stated that total includes balances owed for less than 30 days. E-mail from Andrew Sellards of UTC Staff, April 2, 2021.

<sup>2</sup> DOH Environmental Disparities Mapping Tool. POC (OFM Data, sum of all ethnicities categories except White/Non-Hispanic), Unemployed (ACS Data, population age 16+ registered as unemployed), Pop. In Poverty (ACS Data, population living at or below 185% FPL).

<sup>3</sup> DOH Washington Tracking Network Mapping Tool. Social Vulnerability to COVID-19 (DOH summary of household composition & disability, housing type & transportation, race/ethnicity & language, and socioeconomic determinants).

**Highlights: Top Zip Code Analysis**  
**Avista Residential Arrearages &**  
**Public and Environmental Health Disparities**  
*as of December 2020*

**59/96**

*zip codes had arrearages  
that grew > 50% from  
Dec. 2019 to Dec. 2020*

The vast majority of Avista's 96 zip codes have experienced **substantial growth in residential arrearages** since prior to the pandemic in December 2019, however...

**57%**

*of all residential  
arrears are from the  
Top 10 zip codes*

**64%**

*of known low-income  
residential arrears are  
from the Top 10 zip codes*

A significant portion of residential and known low-income arrearages are **concentrated in a few zip codes**.

### **TOP FIVE ZIP CODES**

- The highest DOH Environmental Health Disparities (EHD) map rankings align well with the zip codes with highest arrearages. The higher the arrearage, the higher that zip code ranks for the selected disparities (e.g. higher percent of population in poverty, unemployment, etc.).
- All five zip codes have areas designated as **Highly Impacted Communities (HIC)**.

## TOP FIVE ZIP CODES - IN DEPTH

### Summary of Tables

Of Avista's 96 zip codes, the top five zip codes with the highest total residential arrearages and highest known low-income residential arrearages account for 36% and 43%, respectively, of the entire total for December 2020. The corresponding 90+ day arrearages for these zip codes also account for 36% and 43% of the entire total for December 2020. All five zip codes include areas classified as "Highly Impacted Communities" by the Washington State Department of Health (DOH).

**Table 1. Top 5 Zip Codes with Highest Arrearages (of 96 Zip Codes)  
as of December 2020**

	ZC 1	ZC 2	ZC 3	ZC 4	ZC 5	Sum & % of Dec. 2020 Residential (or KLI) Total
Avista	99207	99208	99205	99202	99223	
Communities Served	North-central Spokane	North-central Spokane	NW Spokane	East Spokane	SE Spokane	
<b>Total Residential Arrearages</b>	\$ 750,177	\$ 721,752	\$ 718,694	\$ 366,957	\$ 356,265	\$2.91M (36%)
Per Capita Arrearages	\$ 304	\$ 259	\$ 282	\$ 286	\$ 243	N/A
90+ Day Arrearages	\$ 593,961	\$ 487,139	\$ 522,162	\$ 292,729	\$ 234,105	\$2.13M (36%)
<b>KLI Arrearages</b>	\$ 461,659	\$ 320,024	\$ 366,483	\$ 222,081	\$ 139,756	\$1.51M (43%)
90+ Day Arrearages	\$ 407,272	\$ 272,286	\$ 319,732	\$ 199,389	\$ 114,001	\$1.31M (43%)

Sources: U-200281, Avista Arrearage Data through December 2020, (Feb. 1, 2021), Sheets 7 & 8; UTC Staff Residential Arrearage Map Tool (per capita data).

-Darker shading within a row indicates a higher value.

**Table 2. Highly Impacted Communities & DOH Social and Health Vulnerability Measure Rankings in Top 5 Zip Codes**

Top 5 Zip Codes with Highest Arrears	Communities Served	Number of Census Tracts per Zip Code	% Growth in Arrearages (2019-2020)	Census Tract Range of DOH Disparities Ranks				
				People of Color	Unemployed	Social Vulnerability to COVID-19	Pop. In Poverty ≤ 185% FPL	Highly Impacted Community
99207	North-central Spokane	9	167	5-6	6-10	6-10	10	Yes
99208	North-central Spokane	16	88	1-4	4-10	1-9	1-10	Yes
99205	NW Spokane	13	105	2-5	5-10	2-7	5-10	Yes
99202	East Spokane	12	171	1-7	4-10	4-10	6-10	Yes
99223	SE Spokane	12	65	1-5	1-8	1-7	1-7	Yes

Sources: WA Dept. of Health (DOH) Environmental Health Disparities (EHD) Mapping tool. <sup>1</sup> <<<https://fortress.wa.gov/doh/wtn/WTNIBL>>>; Washington Tracking Network Mapping tool <sup>2</sup>; Geography Division, U.S. Census Bureau, Geocorr 2018 (census tracts within zip codes).

-Highlighted cells indicate zip codes with a census tract that ranked 9 or 10 by DOH, on a scale of 1-10, or have been designated as HIC.

-Highly Impacted Communities (HIC) meet one of two criteria: 1) a census tract is at least partially covered by Tribal Lands, or 2) a census tract ranks 9 or 10 on the DOH Environmental Health Disparities Map.

<sup>1</sup> DOH Environmental Health Disparities Mapping Tool. POC (OFM Data, sum of all ethnicities categories except White/Non-Hispanic), Unemployed (ACS Data, population age 16+ registered as unemployed), Pop. In Poverty (ACS Data, population living at or below 185% FPL).

<sup>2</sup> DOH Washington Tracking Network Mapping Tool. Social Vulnerability to COVID-19 (DOH summary of household composition & disability, housing type & transportation, race/ethnicity & language, and socioeconomic determinants).

**Highlights: Top Zip Code Analysis**  
**PacifiCorp Residential Arrearages &**  
**Public and Environmental Health Disparities**  
*as of December 2020*

**32/33**

*zip codes had arrearages  
that grew > 50% from  
Dec. 2019 to Dec. 2020*

The vast majority of PacifiCorp's 33 zip codes have experienced **substantial growth in residential arrearages** since prior to the pandemic in December 2019, however...

**82%**

*of all residential  
arrears are from the  
Top 10 zip codes*

**85%**

*of known low-income  
residential arrears are  
from the Top 10 zip codes*

A significant portion of residential and known low-income arrearages are **concentrated in a few zip codes**.

### **TOP FIVE ZIP CODES**

- PacifiCorp has very high percent growth in arrearages for each zip code compared to other IOUs.
- 3 of the 5 zip codes have areas designated as **Highly Impacted Communities (HIC)** and all 5 zip codes have areas that rank highest by DOH in each of the social and health measures shown in Table 2: *people of color, unemployment, social vulnerability to COVID-19, and percent of population in poverty.*

## TOP FIVE ZIP CODES - IN DEPTH

### Summary of Tables

Of PacifiCorp's 33 zip codes, the top five zip codes with the highest total residential arrearages and highest known low-income residential arrearages account for 58% and 46%, respectively, of the entire total for December 2020. The corresponding 90+ day arrearages for these zip codes also account for 56% and 45% of the entire total for December 2020. Three of five zip codes include areas classified as "Highly Impacted Communities" by the Washington State Department of Health (DOH).

**Table 1. Top 5 Zip Codes with Highest Arrearages (of 33 Zip Codes)  
as of December 2020**

	ZC 1	ZC 2	ZC3	ZC 4	ZC 5	Sum & % of Dec. 2020 Residential (or KLI) Total
<b>PacifiCorp</b>	98902	98901	98908	99362	98903	
<i>Communities Served</i>	<i>Yakima</i>	<i>NE Yakima</i>	<i>W Yakima</i>	<i>Walla Walla</i>	<i>SW Yakima</i>	
<b>Total Residential Arrearages</b>	\$ 1,336,010	\$ 969,627	\$ 823,156	\$ 715,241	\$ 649,402	\$4.49M (58%)
Per Capita Arrearages	\$ 308	\$ 365	\$ 301	\$ 249	\$ 387	N/A
90+ Day Arrearages	\$ 746,346	\$ 576,363	\$ 443,248	\$ 377,057	\$ 350,334	\$2.49M (56%)
<b>KLI Arrearages</b>	\$ 154,362	\$ 128,198	\$ 38,315	\$ 108,132	\$ 67,064	\$0.49M (46%)
90+ Day Arrearages	\$ 99,953	\$ 86,848	\$ 24,507	\$ 65,983	\$ 39,104	\$0.32M (45%)

Sources: U-200281, PacifiCorp Arrearage Data through December 2020, (Feb. 24, 2021), Sheets 7 & 8; UTC Staff Residential Arrearage Map Tool (per capita data).

-Darker shading within a row indicates a higher value.

**Table 2. Highly Impacted Communities & DOH Social and Health Vulnerability Measure Rankings in Top 5 Zip Codes**

Top 5 Zip Codes with Highest Arrears	Communities Served	Number of Census Tracts per Zip Code	% Growth in Arrearages (2019-2020)	Range of DOH Disparities Ranks				
				People of Color	Unemployed	Social Vulnerability to COVID-19	Pop. In Poverty ≤ 185% FPL	Highly Impacted Community
98902	Yakima	10	116	6-10	1-10	5-10	5-10	Yes
98901	NE Yakima	10	297	4-10	3-10	4-10	4-10	Yes
98908	W Yakima	14	114	5-9	1-9	5-9	4-9	No
99362	Walla Walla	11	330	3-10	1-10	1-10	1-10	No
98903	SW Yakima	8	119	3-10	1-10	5-10	4-10	Yes

Sources: WA Dept. of Health (DOH) Environmental Health Disparities (EHD) Mapping tool. <sup>1</sup> <<<https://fortress.wa.gov/doh/wtn/WTNIBL>>>; Washington Tracking Network Mapping tool <sup>2</sup>; Geography Division, U.S. Census Bureau, Geocorr 2018 (census tracts within zip codes).

-Highlighted cells indicate zip codes with a census tract that ranked 9 or 10 by DOH, on a scale of 1-10, or have been designated as HIC.

-Highly Impacted Communities (HIC) meet one of two criteria: 1) a census tract is at least partially covered by Tribal Lands, or 2) a census tract ranks 9 or 10 on the DOH Environmental Health Disparities Map.

<sup>1</sup> DOH Environmental Health Disparities Mapping Tool. POC (OFM Data, sum of all ethnicities categories except White/Non-Hispanic), Unemployed (ACS Data, population age 16+ registered as unemployed), Pop. In Poverty (ACS Data, population living at or below 185% FPL).

<sup>2</sup> DOH Washington Tracking Network Mapping Tool. Social Vulnerability to COVID-19 (DOH summary of household composition & disability, housing type & transportation, race/ethnicity & language, and socioeconomic determinants).

**Highlights: Top Zip Code Analysis**  
**Cascade Natural Gas (CNG) Residential Arrearages &**  
**Public and Environmental Health Disparities**  
*as of December 2020*

**15/74**

*zip codes had arrearages  
that grew > 50% from  
Dec. 2019 to Dec. 2020*

Twenty percent of CNG's 74 zip codes have experienced **substantial growth in residential arrearages** since prior to the pandemic in December 2019, however...

**43%**

*of all residential  
arrears are from the  
Top 10 zip codes*

**N/A**

*of known low-income  
residential arrears are  
from the Top 10 zip codes*

A significant portion of residential arrearages are **concentrated in a few zip codes** (CNG's December data filing did not include known low-income data).

### **TOP FIVE ZIP CODES**

- Compared to the other IOUs, fewer zip codes have a very high percent growth in arrears from 2019 to 2020.
- 4 of the 5 zip codes have areas designated as **Highly Impacted Communities (HIC)**.



## TOP FIVE ZIP CODES - IN DEPTH

### Summary of Tables

Of CNG's 74 zip codes, the top five zip codes with the highest total residential arrearages account for 26% of the entire total for December 2020. The corresponding 90+ day arrearages for these zip codes also account for 28% of the entire total for December 2020. Four of the five zip codes include areas classified as "Highly Impacted Communities" by the Washington State Department of Health (DOH).

**Table 1. Top 5 Zip Codes with Highest Arrearages (of 74 Zip Codes)<sup>1</sup>  
as of December 2020**

	ZC 1	ZC 2	ZC 3	ZC 4	ZC 5	Sum & % of Dec. 2020 Residential (or KLI) Total
<b>Cascade (CNG)</b>	98902	99301	99362	98312	98225	
<i>Communities Served</i>	<i>SW Yakima</i>	<i>W Pasco</i>	<i>Walla Walla</i>	<i>Bremerton</i>	<i>Bellingham</i>	
<b>Total Residential Arrearages</b>	\$ 250,801	\$ 221,554	\$ 152,983	\$ 128,978	\$ 119,730	\$0.87M (26%)
Per Capita Arrearages	\$ 277	\$ 258	\$ 219	\$ 236	\$ 230	N/A
90+ Day Arrearages	\$ 114,911	\$ 88,004	\$ 60,281	\$ 58,050	\$ 49,523	\$0.37M (28%)
<b>KLI Arrearages</b>	unk.	unk.	unk.	unk.	unk.	unk.
90+ Day Arrearages	unk.	unk.	unk.	unk.	unk.	unk.

Sources: U-200281, CNG Arrearage Data through December 2020, (Feb. 16, 2021), Sheets 7 & 8<sup>1</sup>; UTC Staff Residential Arrearage Map Tool (per capita data).

-Darker shading within a row indicates a higher value.

**Table 2. Highly Impacted Communities & DOH Social and Health Vulnerability Measure Rankings in Top 5 Zip Codes**

Top 5 Zip Codes with Highest Arrears	Communities Served	Number of Census Tracts per Zip Code	% Growth in Arrearages (2019-2020)	Range of DOH Disparities Ranks				
				People of Color	Unemployed	Social Vulnerability to COVID-19	Pop. In Poverty ≤ 185% FPL	Highly Impacted Community
98902	<i>SW Yakima</i>	10	6	6-10	6-10	5-10	5-10	Yes
99301	<i>W Pasco</i>	11	-37	6-10	1-9	3-10	2-10	Yes
99362	<i>Walla Walla</i>	11	22	3-10	2-10	1-10	1-10	No
98312	<i>Bremerton</i>	13	13	2-8	2-9	2-8	1-9	Yes
98225	<i>Bellingham</i>	11	11	1-7	2-10	2-9	4-10	Yes

Sources: WA Dept. of Health (DOH) Environmental Health Disparities (EHD) Mapping tool. <sup>2</sup> <<<https://fortress.wa.gov/doh/wtn/WTNIBL>>>; Washington Tracking Network Mapping tool <sup>3</sup>; Geography Division, U.S. Census Bureau, Geocorr 2018 (census tracts within zip codes).

-Highlighted cells indicate zip codes with a census tract that ranked 9 or 10 by DOH, on a scale of 1-10, or have been designated as HIC.

-Highly Impacted Communities (HIC) meet one of two criteria: 1) a census tract is at least partially covered by Tribal Lands, or 2) a census tract ranks 9 or 10 on the DOH Environmental Health Disparities Map.

<sup>1</sup> The residential customer data (8b) and Known Low-Income (KLI) residential customer data (8c) are identical due to an SQL scripting issue. Andrew Sellards (UTC) stated that CNG will submit corrected KLI data with the next data filing (April 1, 2020).

<sup>2</sup> DOH Environmental Disparities Mapping Tool. POC (OFM Data, sum of all ethnicities categories except White/Non-Hispanic), Unemployed (ACS Data, population age 16+ registered as unemployed), Pop. In Poverty (ACS Data, population living at or below 185% FPL).

<sup>3</sup> DOH Washington Tracking Network Mapping Tool. Social Vulnerability to COVID-19 (DOH summary of household composition & disability, housing type & transportation, race/ethnicity & language, and socioeconomic determinants).

**Highlights: Top Zip Code Analysis**  
**Northwest Natural Gas (NWNNG) Residential Arrearages &**  
**Public and Environmental Health Disparities**  
*as of December 2020*

**20/22**

*zip codes had arrearages  
that grew > 50% from  
Dec. 2019 to Dec. 2020*

The vast majority of NWNNG's 22 zip codes have experienced **substantial growth in residential arrearages** since prior to the pandemic in December 2019, however...

**77%**

*of all residential  
arrears are from the  
Top 10 zip codes*

**87%**

*of known low-income  
residential arrears are  
from the Top 10 zip codes*

A significant portion of residential and known low-income arrearages are **concentrated in a few zip codes**.

### **TOP FIVE ZIP CODES**

- 4 of the 5 zip codes have areas designated as **Highly Impacted Communities (HIC)**.
- The top 5 zip codes also rank highly in the DOH Environmental Health Disparities (EHD) map, in terms of social and health metrics (e.g. higher percent of population in poverty, unemployment, etc.).

## TOP FIVE ZIP CODES - IN DEPTH

### Summary of Tables

Of Northwest Natural Gas's 22 zip codes, the top five zip codes with the highest total residential arrearages and highest known low-income residential arrearages account for 49% and 54%, respectively, of the entire total for December 2020. The corresponding 90+ day arrearages for these zip codes also account for 48% and 55% of the entire total for December 2020. Four of five zip codes include areas classified as "Highly Impacted Communities" by the Washington State Department of Health (DOH).

**Table 1. Top 5 Zip Codes with Highest Arrearages (of 22 Zip Codes)  
as of December 2020**

	ZC 1	ZC 2	ZC3	ZC 4	ZC 5	Sum & % of Dec. 2020 Residential (or KLI) Total
Northwest Natural Gas	98682	98662	98684	98661	98604	
Communities Served	<i>E Five Corners</i>	<i>Five Corners</i>	<i>Evergreen</i>	<i>E Vancouver</i>	<i>Battle Ground</i>	
<b>Total Residential Arrearages</b>	\$ 162,858	\$ 76,259	\$ 75,411	\$ 70,295	\$ 69,751	\$455K (49%)
Per Capita Arrearages	\$ 124	\$ 124	\$ 135	\$ 130	\$ 141	N/A
90+ Day Arrearages	\$ 61,544	\$ 36,664	\$ 33,063	\$ 38,518	\$ 27,886	\$198K (48%)
<b>KLI Arrearages</b>	\$ 2,768	\$ 911	\$ 1,096	\$ 1,001	\$ 582	\$6.4K (54%)
90+ Day Arrearages	\$ 1,534	\$ 425	\$ 889	\$ 403	\$ 345	\$3.6K (55%)

Sources: U-200281, NWNNG Arrearage Data through December 2020, (Feb. 1, 2021), Sheets 7 & 8; UTC Staff Residential Arrearage Map Tool (per capita data).

-Darker shading within a row indicates a higher value.

**Table 2. Highly Impacted Communities & DOH Social and Health Vulnerability Measure  
Rankings in Top 5 Zip Codes**

Top 5 Zip Codes with Highest Arrears	Communities Served	Number of Census Tracts per Zip Code	% Growth in Arrearages (2019-2020)	Range of DOH Disparities Ranks				
				People of Color	Unemployed	Social Vulnerability to COVID-19	Pop. In Poverty ≤ 185% FPL	Highly Impacted Community
98682	<i>E Five Corners</i>	16	91	3-7	1-9	3-9	3-10	Yes
98662	<i>Five Corners</i>	11	174	1-7	1-10	2-9	3-10	Yes
98684	<i>Evergreen</i>	7	128	5-7	2-8	3-9	3-8	Yes
98661	<i>E Vancouver</i>	16	230	4-9	2-10	4-10	5-10	Yes
98604	<i>Battle Ground</i>	11	76	1-3	2-9	1-5	1-7	No

Sources: WA Dept. of Health (DOH) Environmental Health Disparities (EHD) Mapping tool. <sup>1</sup> <<<https://fortress.wa.gov/doh/wtrn/WTNIBL>>>; Washington Tracking Network Mapping tool <sup>2</sup>; Geography Division, U.S. Census Bureau, Geocorr 2018 (census tracts within zip codes).

-Highlighted cells indicate zip codes with a census tract that ranked 9 or 10 by DOH, on a scale of 1-10, or have been designated as HIC.

-Highly Impacted Communities (HIC) meet one of two criteria: 1) a census tract is at least partially covered by Tribal Lands, or 2) a census tract ranks 9 or 10 on the DOH Environmental Health Disparities Map.

<sup>1</sup> DOH Environmental Health Disparities Mapping Tool. POC (OFM Data, sum of all ethnicities categories except White/Non-Hispanic), Unemployed (ACS Data, population age 16+ registered as unemployed), Pop. In Poverty (ACS Data, population living at or below 185% FPL).

<sup>2</sup> DOH Washington Tracking Network Mapping Tool. Social Vulnerability to COVID-19 (DOH summary of household composition & disability, housing type & transportation, race/ethnicity & language, and socioeconomic determinants).