COVID-19 WEEKLY UPDATE

Thurston County

Time Period Covered: March 11, 2020 – April 10, 2022

Background

COVID-19 is an illness caused by the SARS-CoV-2 virus first identified in December 2019. Infection with the virus can cause severe illness and death. Treatment is largely supportive although in specific cases steroids, remdesivir an antiviral agent, and antibody therapy may have benefit. Mitigation measures including avoiding large gatherings, wearing masks in public spaces, maintaining a distance of 6 feet or more from non-household members, staying home when sick, respiratory etiquette, and hand hygiene have been helpful in slowing the spread of this disease. Immunity among those who have had COVID-19 is not yet understood. Three vaccines have been approved for use in the United States with several more in clinical trials.

Summary

The first person diagnosed (confirmed) with COVID-19 was reported for Thurston County on 3/11/2020. A person is diagnosed with COVID-19 if they have tested positive for the illness.

- As of 04/10/2022, a total of 45,689 Thurston County residents had been diagnosed with COVID-19 and 359 residents had died from health issues related to COVID-19.
- Among county residents who were ever hospitalized and whose underlying condition were known, 75% had an underlying condition. Among the 359 county residents who died from COVID- 19 whose underlying condition status is known, 100% had an underlying condition.

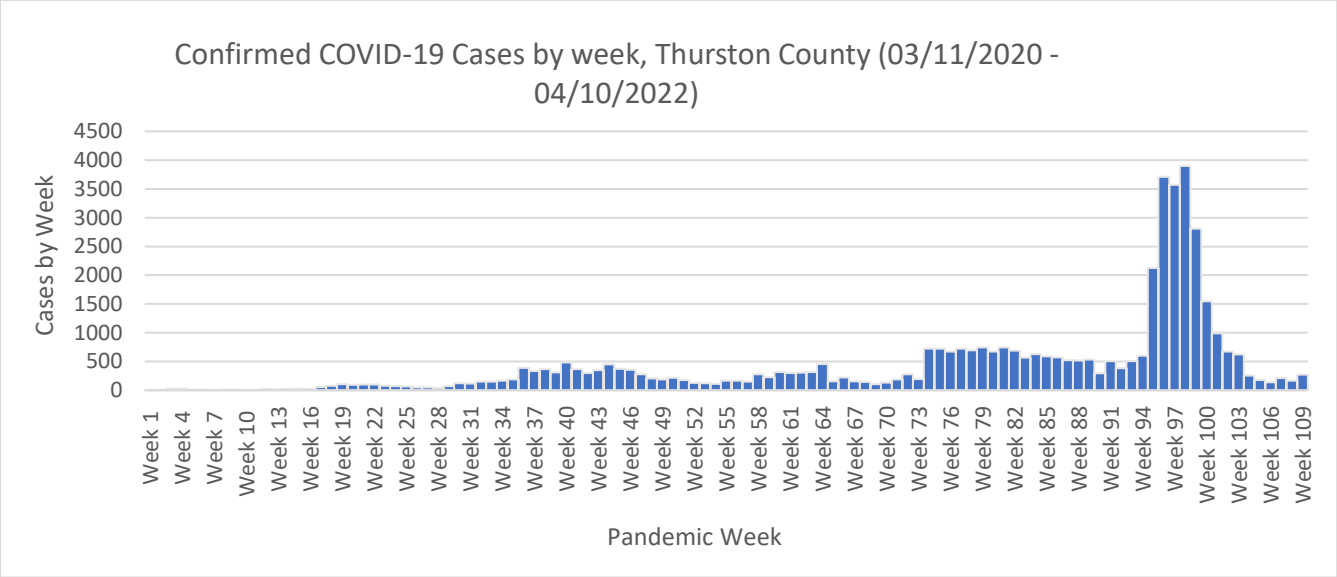
	Description	Past 7 Days	Total (cumulative)
Data current as of 03/29/2022	Seven-Day Percentage of Positive COVID-19 Tests (Date range: 03/23/2022 – 03/29/2022)	2.9%	N/A
Data current as of 03/29/2022	Seven-Day Total number of COVID-19 Tests (Date range: 03/23/2022 - 03/29/2022)	3,890	N/A
Data current as of 04/10/2022	Diagnosed with COVID-19 (confirmed/positive test)	272 residents	45,689 residents
	Hospitalized (Ever)	3	2,251
	Deaths	0 residents	359 residents
	COVID-19 Facility Outbreaks	2	8 ongoing (189 total)

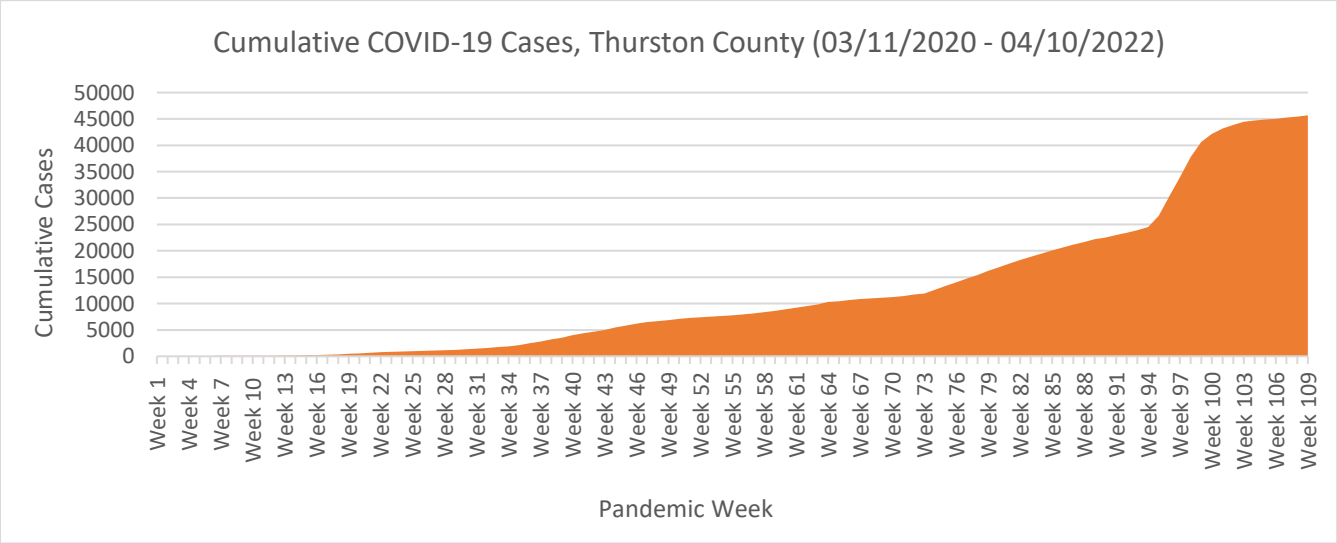
Weekly

- The highest number of confirmed cases in a single week, occurred week 98 with 3,899 residents diagnosed with COVID-19.
- The current Thurston County 14-day total for newly diagnosed COVID-19 cases is 442, which combines Weeks 108 and 109.

Week (Monday-Sunday)	Total Diagnosed in Week	Total Breakthrough Cases in Week	Running Total Diagnosed (cumulative)	Running Total Breakthrough (cumulative)
Week 108 (03/28/2022 – 04/03/2022)	170	50	45,417	11,714
Week 109 (04/04/2022 – 04/10/2022)	272	19	45,689	11,733

- The first graph below depicts confirmed cases per week since the first case was recorded in Thurston County on 03/11/2020 and is current to 04/10/2022.
- The second graph shows the running total or cumulative cases in the county current to 04/10/2022.



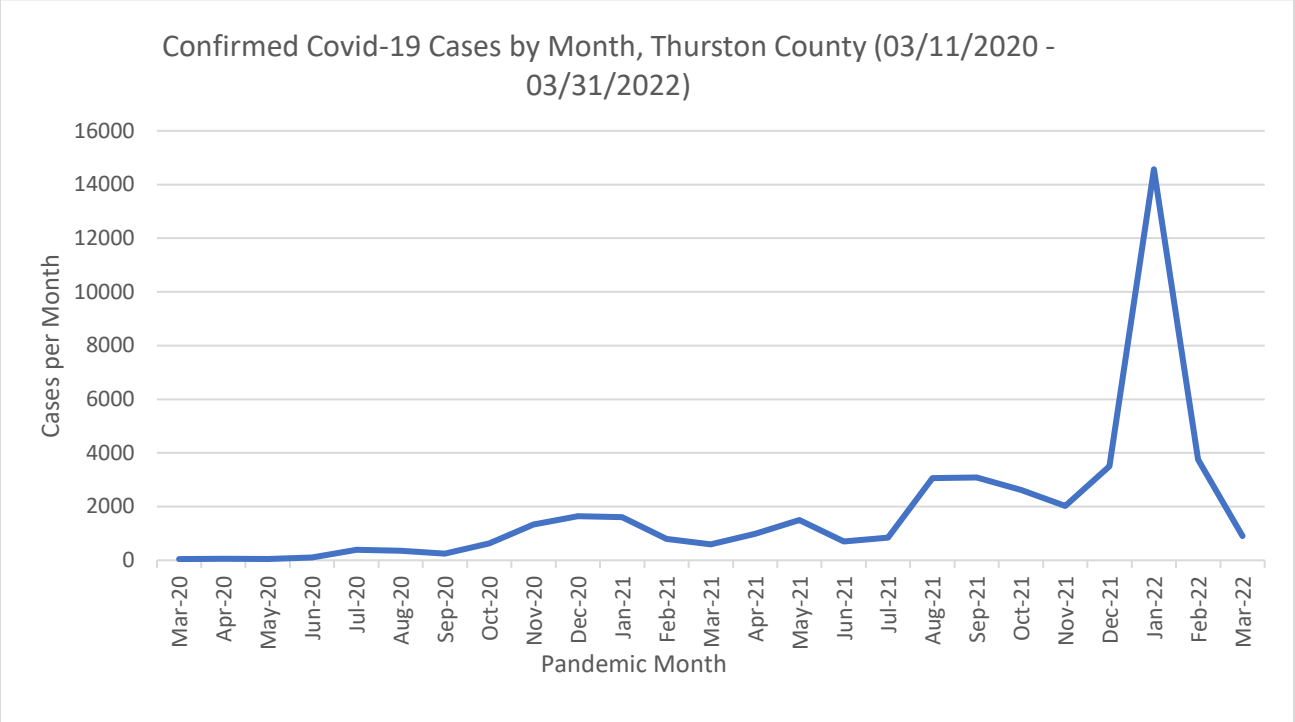


Monthly

- The highest number of confirmed cases in a single month, occurred in January 2022 with 14,570 residents diagnosed with COVID-19 and counting.

Month	Total Diagnosed in Month	Total Breakthrough Cases in Month*	Running Total Diagnosed (cumulative)	Running Total Breakthrough (cumulative)
March 2020	48	N/A	48	N/A
April 2020	59	N/A	107	N/A
May 2020	47	N/A	154	N/A
June 2020	109	N/A	263	N/A
July 2020	386	N/A	649	N/A
August 2020	352	N/A	1,001	N/A
September 2020	251	N/A	1,252	N/A
October 2020	633	N/A	1,885	N/A
November 2020	1,331	N/A	3,216	N/A
December 2020	1,645	N/A	4,861	N/A
January 2021	1,605	N/A	6,466	N/A
February 2021	791	2	7,257	2
March 2021	589	10	7,846	12
April 2021	981	46	8,827	58
May 2021	1,497	38	10,324	96
June 2021	701	37	11,025	133
July 2021	849	140	11,874	273
August 2021	3,057	561	14,931	834
September 2021	3,087	591	18,018	1,425
October 2021	2,623	615	20,641	2,040
November 2021	2,025	474	22,666	2,514
December 2021	3,508	2,080	26,174	4,594
January 2022	14,570	5,986	40,744	10,580
February 2022	3,756	900	44,500	11,480
March 2022	899	221	45,399	11,701
April 2022 **(month not complete)**	290	32	45,689	11,733

*Please note that breakthrough case totals are subject to change as additional data is confirmed.


Confirmed Covid-19 Cases by Month, Thurston County (03/11/2020 - 03/31/2022)
Cases per Month
16000
14000
12000
10000
8000
6000
4000
2000
0
Mar-20
Apr-20
May-20
Jun-20
Jul-20
Aug-20
Sep-20
Oct-20
Nov-20
Dec-20
Jan-21
Feb-21
Mar-21
Apr-21
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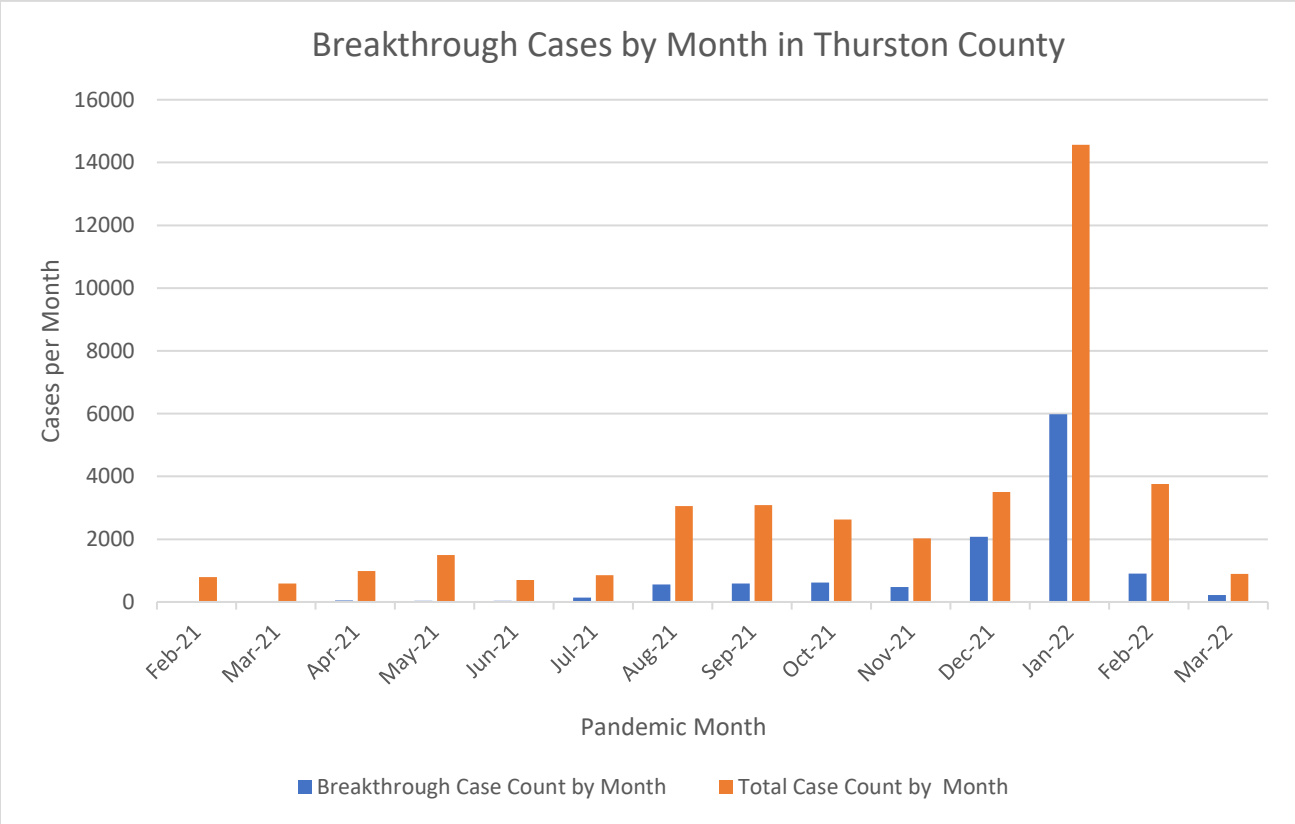
Feb-22
Mar-22
Pandemic Month


Breakthrough Cases by Month in Thurston County
Cases per Month
16000
14000
12000
10000
8000
6000
4000
2000
0
Feb-21
Mar-21
Apr-21
May-21
Jun-21
Jul-21
Aug-21
Sep-21
Oct-21
Nov-21
Dec-21
Jan-22
Feb-22
Mar-22
Pandemic Month
Breakthrough Case Count by Month
Total Case Count by Month

Outbreaks

The following summary provides details about COVID-19 outbreaks in congregate care setting in Thurston County. Outbreaks can involve county residents and individuals who are not from Thurston County.

- As of 04/10/2022, there are:
  - 8 COVID-19 congregate care outbreaks are currently under investigation in Thurston County:
    - 1 in adult family home
    - 2 in assisted living facility
    - 1 in correctional facility
    - 3 in nursing facility
    - 1 in supported living facility
  - 189 total COVID-19 facility outbreaks have occurred in Thurston County since March 2020

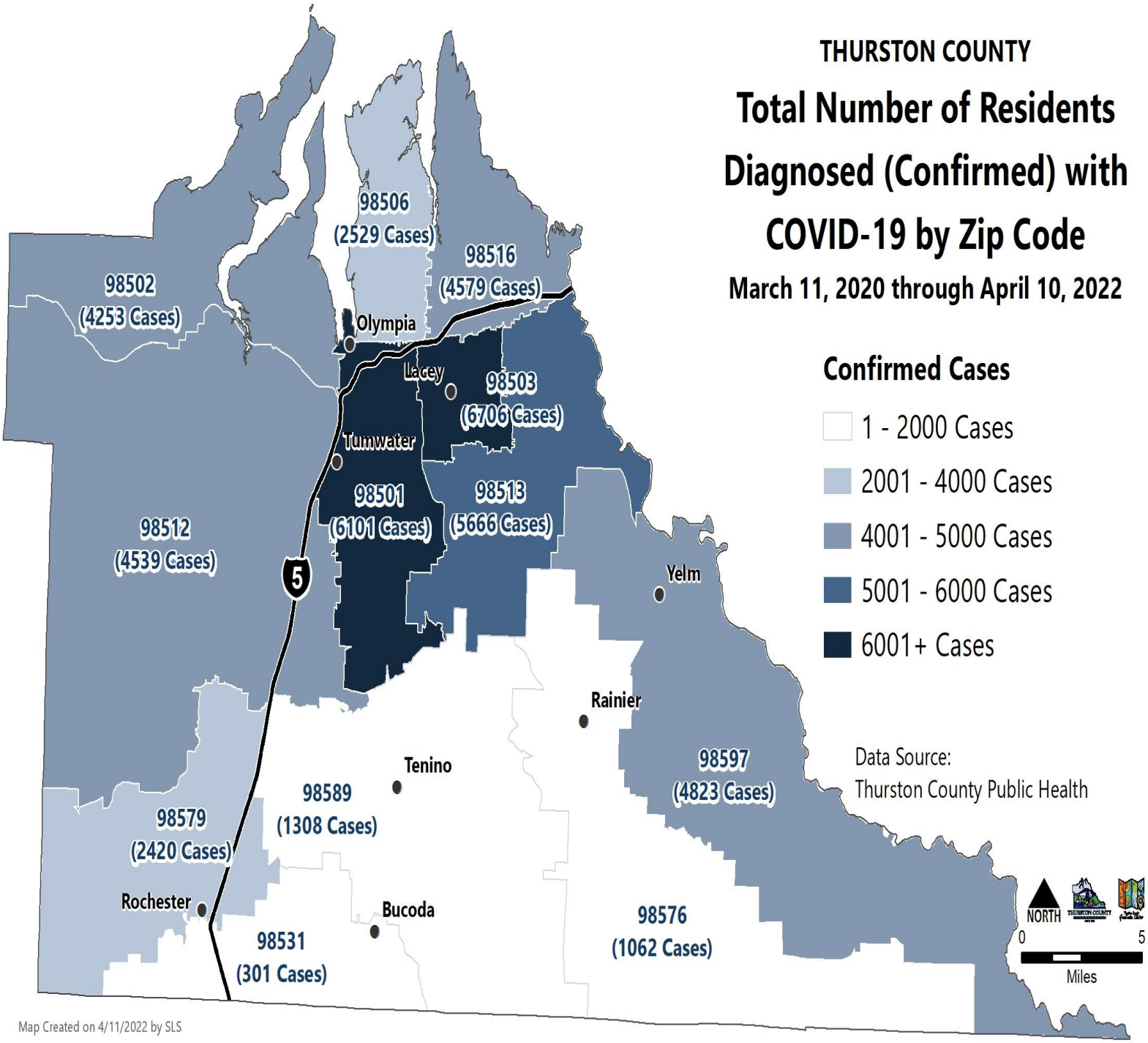
Facility Name	Cases in Staff	Cases in Residents	Total Cases	Deaths
Adult Family Home (36)	3	3	6	0
Assisted Living (31)	11	13	24	0
Assisted Living (33)	0	1	1	0
Corrections (6)	30	85	115	0
Nursing Facility (14)	31	12	43	0
Nursing Facility (16)	48	8	56	0
Nursing Facility (20)	0	1	1	0
Supportive Living (27)	4	4	8	0
	127	**127**	**254**	**0**

Geography

The majority of Thurston County residents live in unincorporated areas of the county, meaning they live outside of city or town limits. Zip codes provide a way to view county data by a geography that includes both cities/towns and unincorporated areas.

- The Thurston County Public Health and Social Services Department does consider the county to be experiencing community spread. Community spread means we are seeing some county residents diagnosed with COVID-19 and cannot identify how or where they became infected with the illness.
- Residents from across Thurston County have been diagnosed with COVID-19.
  - The zip codes that have seen an increase in number of confirmed cases since last week are:
    - 98501
    - 98502
    - 98503
    - 98506
    - 98512

- 98513
- 98516
- 98576
- 98579
- 98589
- 98597



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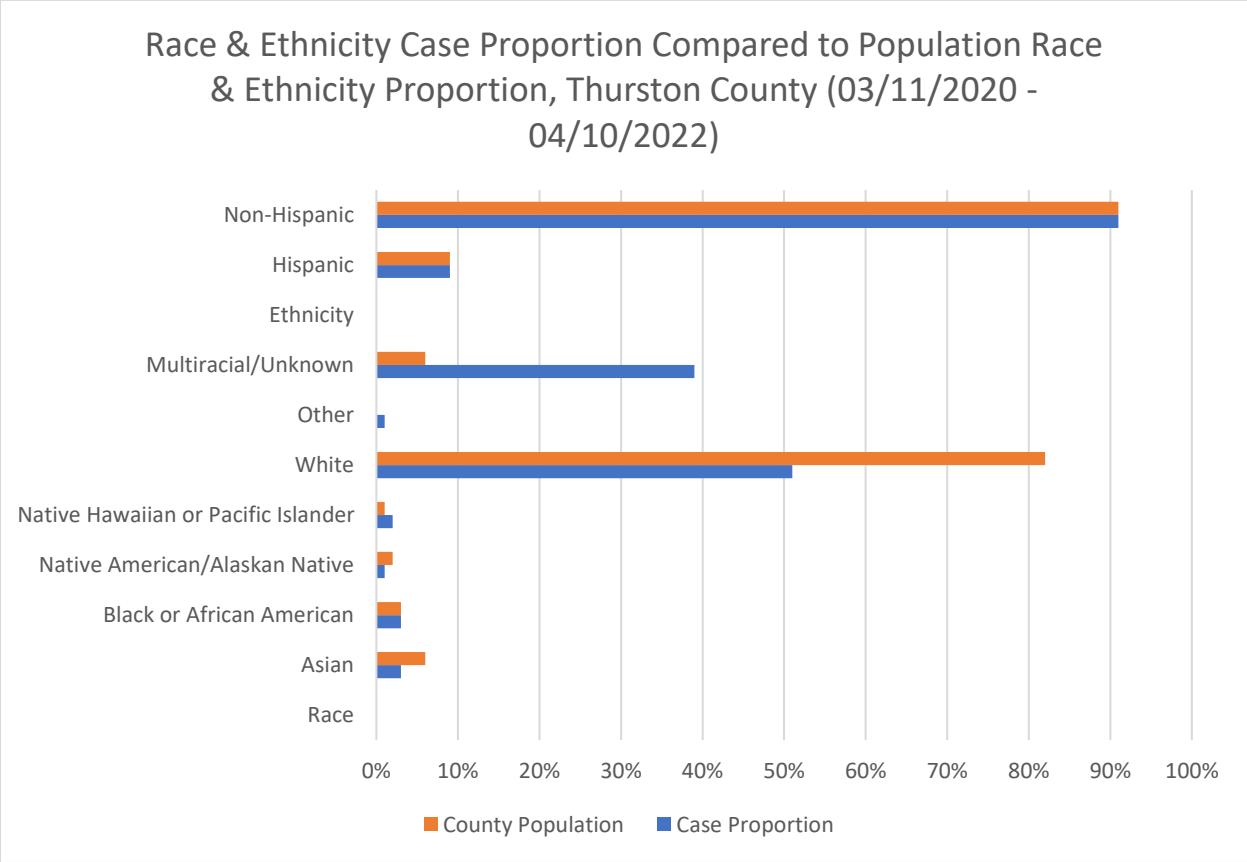
Race and Ethnicity

The main purpose of collecting data from individuals diagnosed with COVID-19 is to conduct a disease investigation that prevents further spread of the illness. Local disease investigations focus on identifying how an individual was exposed to COVID-19 and who they came into close contact with after being infected with COVID-19. Data on race and ethnicity are not connected to the spread of COVID-19 and may not be collected in every case.

- Thurston County residents who identify as Native Hawaiian or Pacific Islander are over-represented as a percent of COVID-19 confirmed cases when compared to the county's total population.

Thurston County **As of 04/10/2022**	**Percent of Residents Diagnosed with COVID-19**	**Percent of Total County Population**
Race		
Asian	3%	7%
Black or African American	3%	3%
Native American/Alaskan Native	1%	2%
Native Hawaiian or Pacific Islander	2%	1%
White	51%	81%
Other	1%	Not available
Multiracial/Unknown	39%	6%
Ethnicity		
Hispanic	9%	9%
Non-Hispanic	91%	91%



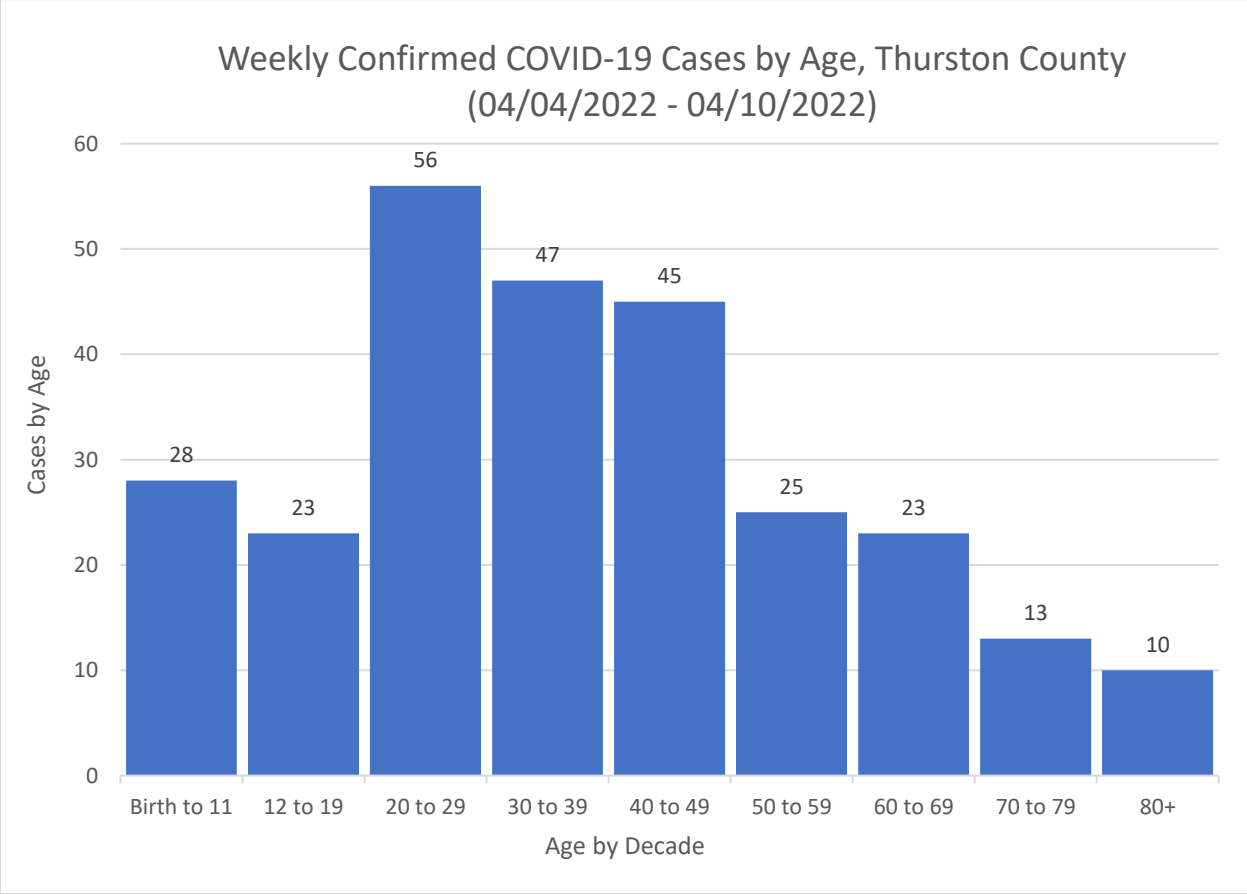
Age Weekly

The weekly age of Thurston County residents diagnosed with COVID-19 has shifted toward younger age groups.

04/04/22 to 04/10/22	Weekly Confirmed Cases by Age Group	
Birth to 11	10%	28 cases
12-19	8%	23 cases
20-29	21%	56 cases
30-39	17%	47 cases
40-49	17%	45 cases
50-59	9%	25 cases
60-69	8%	23 cases
70-79	5%	13 cases
80 and Older	4%	10 cases
Unknown	1%	2 cases

Unknown: Information unavailable at time of report.

Note: Percent may not add to total due to rounding.



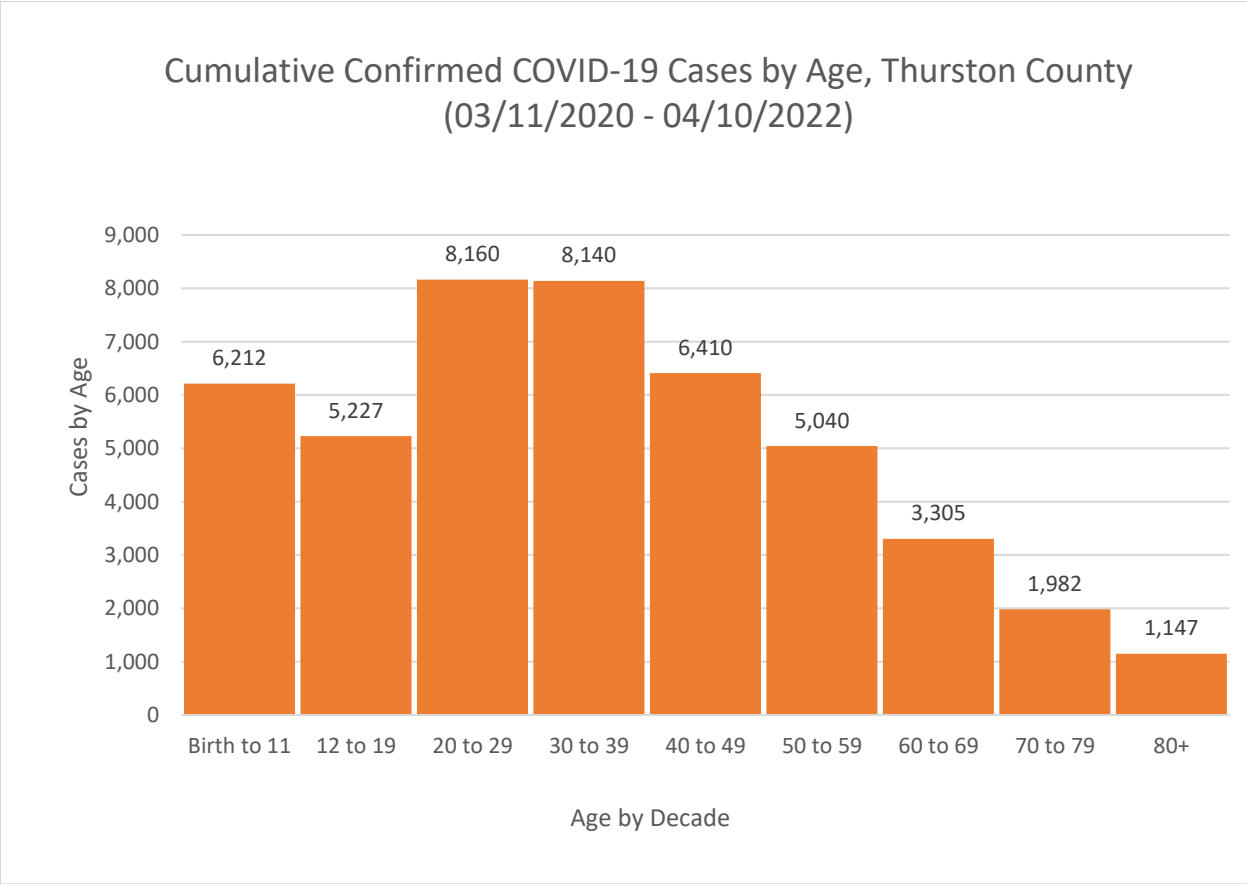
Age Cumulative

The cumulative age of Thurston County residents diagnosed with COVID-19 has shifted toward younger age groups.

As of 04/10/22	Total Confirmed Cases by Age Group	
Birth to 11	14%	6212 cases
12-19	11%	5227 cases
20-29	18%	8160 cases
30-39	18%	8140 cases
40-49	14%	6410 cases
50-59	11%	5040 cases
60-69	7%	3305 cases
70-79	4%	1982 cases
80 and Older	3%	1147 cases
Unknown	0%	66 cases

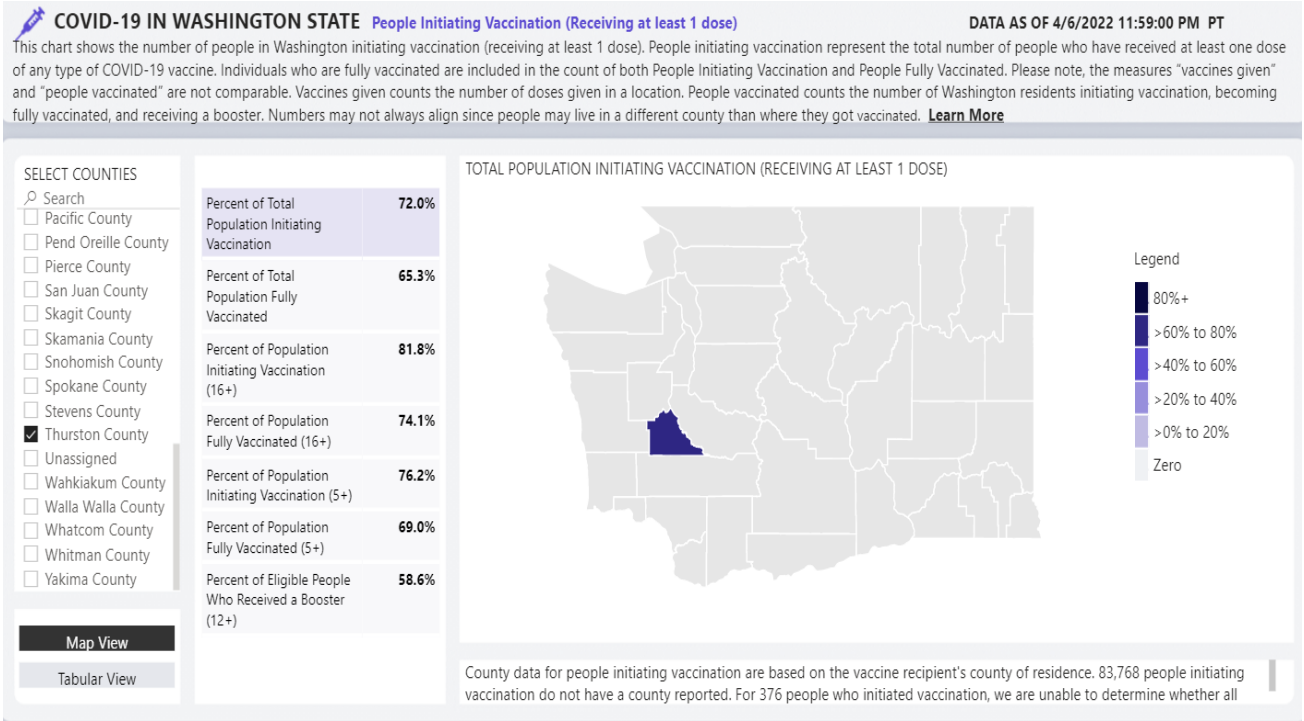
Unknown: Information unavailable at time of report.

Note: Percent may not add to total due to rounding.



COVID-19 Vaccination Summary

The first person who received a COVID-19 vaccine in Thurston County was on 12/15/2020. Residents initiating vaccination have received at least one dose. A person is fully vaccinated two weeks after their second dose in a 2-dose series, such as Pfizer or Moderna or two weeks after a single-dose vaccine, such as Johnson & Johnson (Janssen).



Data Source: Washington State Department of Health [COVID-19 Data Dashboard](#).

Department of Defense COVID-19 Vaccination Data specific to Thurston County

The Department of Defense (DoD) provides Thurston County with weekly updates of COVID-19 vaccinations. However, the federal government receives data from the Department of Defense (DoD), Veterans Affairs (VA), Bureau of Prisons, and potentially a few other sources that don't get automatically funneled to DOH state totals.

	Description	Total Vaccinations (cumulative)	Percent of Total Thurston County Population
Data current as of 04/11/2022	DoD Residents Initiating Vaccination	14,322	4.92%
Data current as of 04/11/2022	DoD Fully Vaccinated Residents	12,910	4.44%

Figures not found in the Washington State Immunization Information System. These figures are not included in the COVID-19 Vaccination Summary Table Above. The percentages in this table are in addition to the total population percentages in the COVID-19 Vaccination Summary table

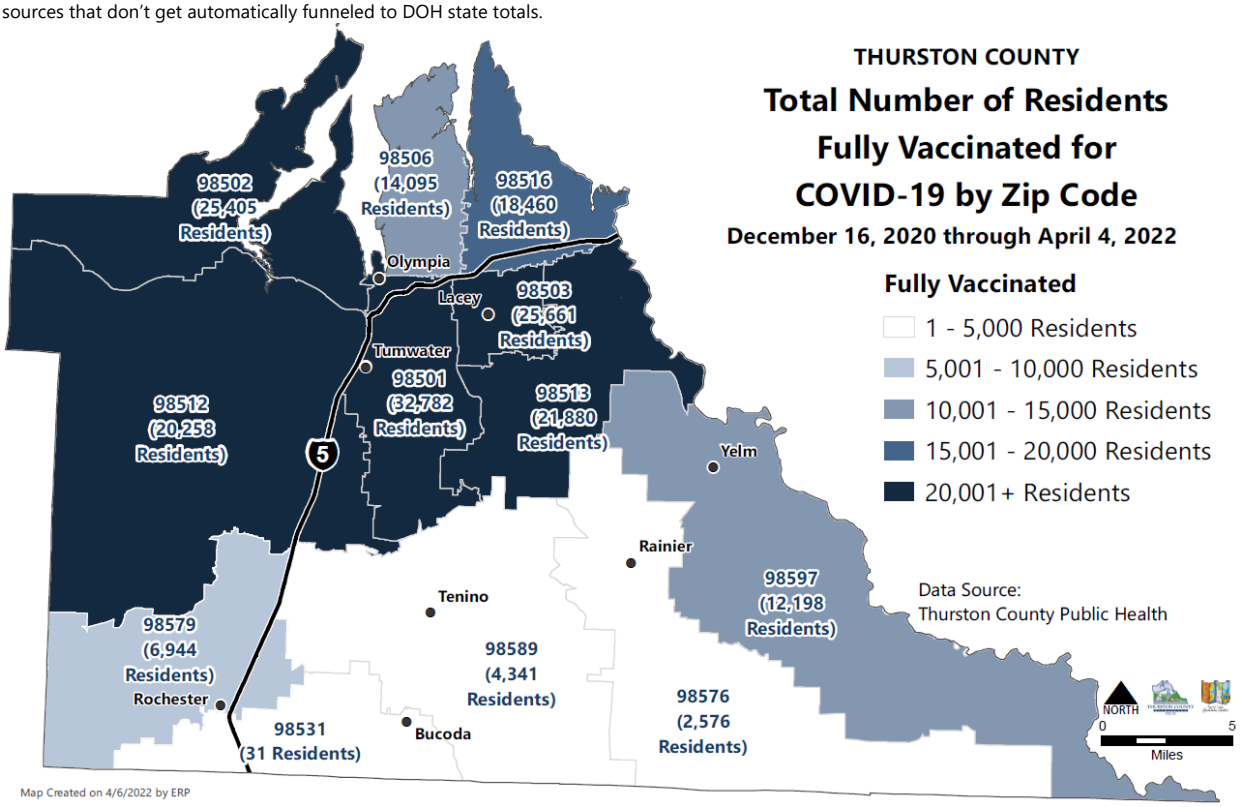
COVID-19 Vaccination by Geography

Most Thurston County residents live in unincorporated areas of the county, meaning they live outside of city or town limits. Zip codes provide a way to view county data by geography that includes both cities/towns and unincorporated areas.

***Please Note: Data is current as of April 4th, 2022.**

Thurston County As of 04/04/22*	Residents Initiating Vaccination	Percent of Residents Initiating Vaccination	Fully Vaccinated Residents	Percent of Fully Vaccinated Residents	Total Population by Zip Code
Zip Code					
98501	35,637	74%	32,782	74%	74%
98502	27,886	74%	25,405	74%	74%
98503	28,696	64%	25,661	64%	64%
98506	15,253	72%	14,095	72%	71%
98512	22,051	61%	20,258	61%	61%
98513	24,468	60%	21,880	60%	60%
98516	20,893	66%	18,460	66%	66%
98531	34	1%	31	1%	1%
98576	2,839	48%	2,576	48%	48%
98579	7,520	51%	6,944	51%	51%
98589	4,702	53%	4,341	53%	52%
98597	13,833	47%	12,198	47%	47%
Unknown	5,751	Not Available	5,232	Not Available	Not Available

Unknown: Information unavailable at time of report. Note: Percent may not add to total due to rounding. *Figures are not released for zip codes with less than 10 people being vaccinated. Data Source: Zip code data is from the Washington State Office of Financial Management Washington State Geospatial Open Data Portal : SAEP ZIP Code Tabulation Areas : SAEP ZIP Code Tabulation Areas website. Thurston County Public Health and Social Services (PHSS) has calculated these figures based on data provided by the Washington State Department of Health (DOH). DOH data is unable to incorporate COVID-19 vaccination data from the Department of Defense (DoD), Veterans Affairs (VA), Bureau of Prisons and potentially a few other sources that don't get automatically funneled to DOH state totals.



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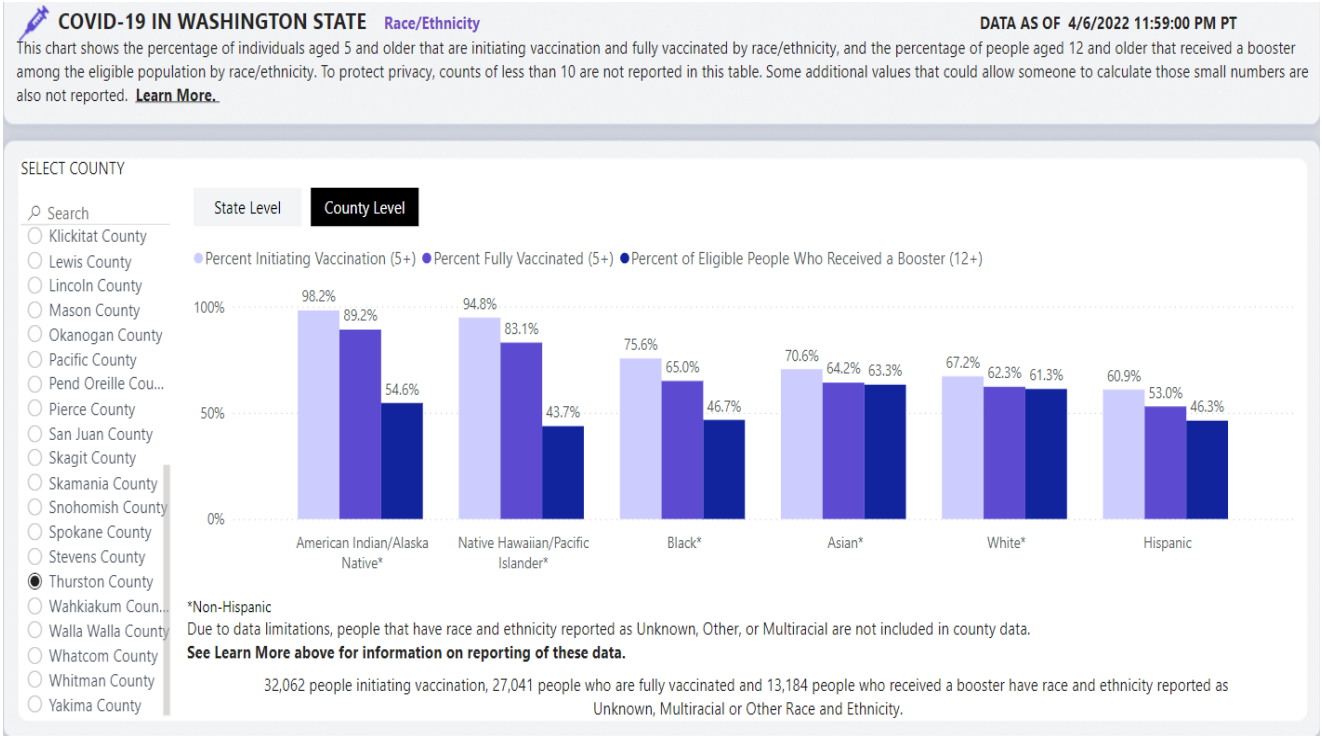
COVID-19 Vaccination by Race and Ethnicity



Data Source: Washington State Department of Health COVID-19 Data Dashboard.

COVID-19 Vaccination by Age

Data Source: Washington State Department of Health COVID-19 Data Dashboard.

COVID-19 Vaccination by Sex

Data Source: Washington State Department of Health COVID-19 Data Dashboard.

Data Sources

- Laboratory test data are from the Washington State Department of Health (DOH) 2019 Novel Coronavirus Outbreak (COVID-19) website and the Washington State Coronavirus Response (COVID-19) Risk Assessment Dashboard website.
- Diagnosed (Confirmed) with COVID-19 Cases, Hospitalizations, Deaths, Underlying Condition, Facility Outbreaks, Age, Race and Ethnicity data are from the Thurston County Public Health and Social Services Department, Division of Disease Control and Prevention.
- County population data are 2020 estimates for residents of all ages from the Washington State Office of Financial Management website.
- Total number of Vaccine Doses Given data is from the Washington State Department of Health (DOH) 2019 Novel Coronavirus Outbreak (COVID-19) website.
- Geography data is from the Thurston County Public Health and Social Services Department.
- Percent of Fully Vaccinated Residents of each zip code data is from the Washington State Office of Financial Management Washington State Geospatial Open Data Portal : SAEP ZIP Code Tabulation Areas : SAEP ZIP Code Tabulation Areas website.

Definitions

- Resident:
  - An individual is counted as a resident if they live within the geographic boundaries of Thurston County. People whose permanent residence or address of record is located in Thurston County would be included.
- Diagnosed with COVID-19 (Confirmed):
  - An individual is counted as diagnosed with COVID-19, also called a confirmed case, if they had a laboratory (viral) test for COVID-19 and the test was positive for the illness.
- Recovered/Recovering:
  - An individual diagnosed with COVID-19 is counted as recovered, if they are not hospitalized, and have been released from public health isolation. Individuals who recover from the symptoms of COVID-19 may have ongoing health problems or health problems in the future as a result of the illness.
- Hospitalized:
  - An individual is counted as hospitalized if they were hospitalized at any time starting from the day diagnosed with COVID-19 to the day they were released from public health isolation. Individuals who die due to COVID-19 are included in the count, if they were hospitalized while being monitored by Public Health.
- Deaths:
  - An individual is counted as a COVID-19 death if they were diagnosed with COVID-19 and died due to health complications related to the illness.
- Underlying Condition:
  - An individual is counted as having an underlying condition if, at the time of public health monitoring, a condition was identified through self-report by the individual, interviews, health care providers or medical records. Examples of underlying conditions of concern for COVID-19 are heart disease, diabetes, chronic lung disease, asthma, chronic liver disease and cancer.
- Congregate Care Setting:
  - Includes licensed facilities, such as nursing homes, assisted living, adult family homes, childcare centers, schools, homeless shelters, jail, detention and other similar group care or placement settings.
- Public Health Isolation:
  - Isolation means an individual was ill and required to separate themselves from other people to prevent the possible spread of COVID-19 by order of the Thurston County

Health Officer. Upon release from isolation, Public Health provides guidance on the current public health actions that should be followed for all residents (e.g. staying home, physical distancing when away from home, handwashing). Public health isolation can last 14 or more days and includes special requirements for health care workers/first responders.

- Outbreak:
  - An outbreak in long-term care facility is defined as:
    - Greater than or equal to 1 long-term care facilities and agencies-acquired COVID-19 infection in a resident, OR
    - Greater than or equal to 2 COVID-19 infections in health care workers who were on-site in the long-term care facility or agency at any time during their infectious period OR during their exposure period and has no other known or more likely exposure source.
  - An outbreak in a non-health care facility is defined as:
    - Two or more confirmed or probable COVID-19 cases with at least one case classified as confirmed, AND
    - At least two of the cases have symptom onset dates within 14 days of each other, AND
    - Plausible epidemiological evidence of transmission in a shared location other than a household is observed.
- Race:
  - Race means the racial group or groups an individual says best describe them. Officially recognized racial groups include Asian, Black/African American, Native American (American Indian/Alaska Native), Native Hawaiian or other Pacific Islander and White.
    - If an individual identifies as being of two or more racial groups, they are included in the Multiracial group.
    - Individuals can choose Other as a racial group.
- Ethnicity:
  - Hispanic is defined as an ethnicity and refers to an individual's culture or origin. An individual is described as either Hispanic or Non-Hispanic and can be of any race.
- Initiated Vaccination:
  - Residents initiating vaccination have received at least one dose.
- Fully Vaccinated:
  - A person is fully vaccinated two weeks after their second dose in a 2-dose series, such as Pfizer or Moderna or two weeks after a single-dose vaccine, such as Johnson & Johnson (Janssen).
- Breakthrough Case:
  - Vaccine breakthrough occurs when someone gets sick with a disease they are fully vaccinated against. For the COVID-19 vaccine, this means someone tests positive for COVID-19 two weeks or more after receiving the full series of an authorized COVID-19 vaccine.

Contact Information

For additional data or more information about COVID-19 contact:

Thurston County Public Health and Social Services Department

- Phone: 360-867-2500
- WA Relay: 711 or 800-833-6338
- COVID-19 Website: http://bit.ly/ThurstonCOVID-19