

COVID-19 WEEKLY UPDATE

Thurston County



Time Period Covered: March 11, 2020 – April 16, 2023

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. Four 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 04/16/2023, a total of 62,745 Thurston County residents had been diagnosed with COVID-19 and 517 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 517 county residents who died from COVID-19 whose underlying condition status is known, 100% had an underlying condition.

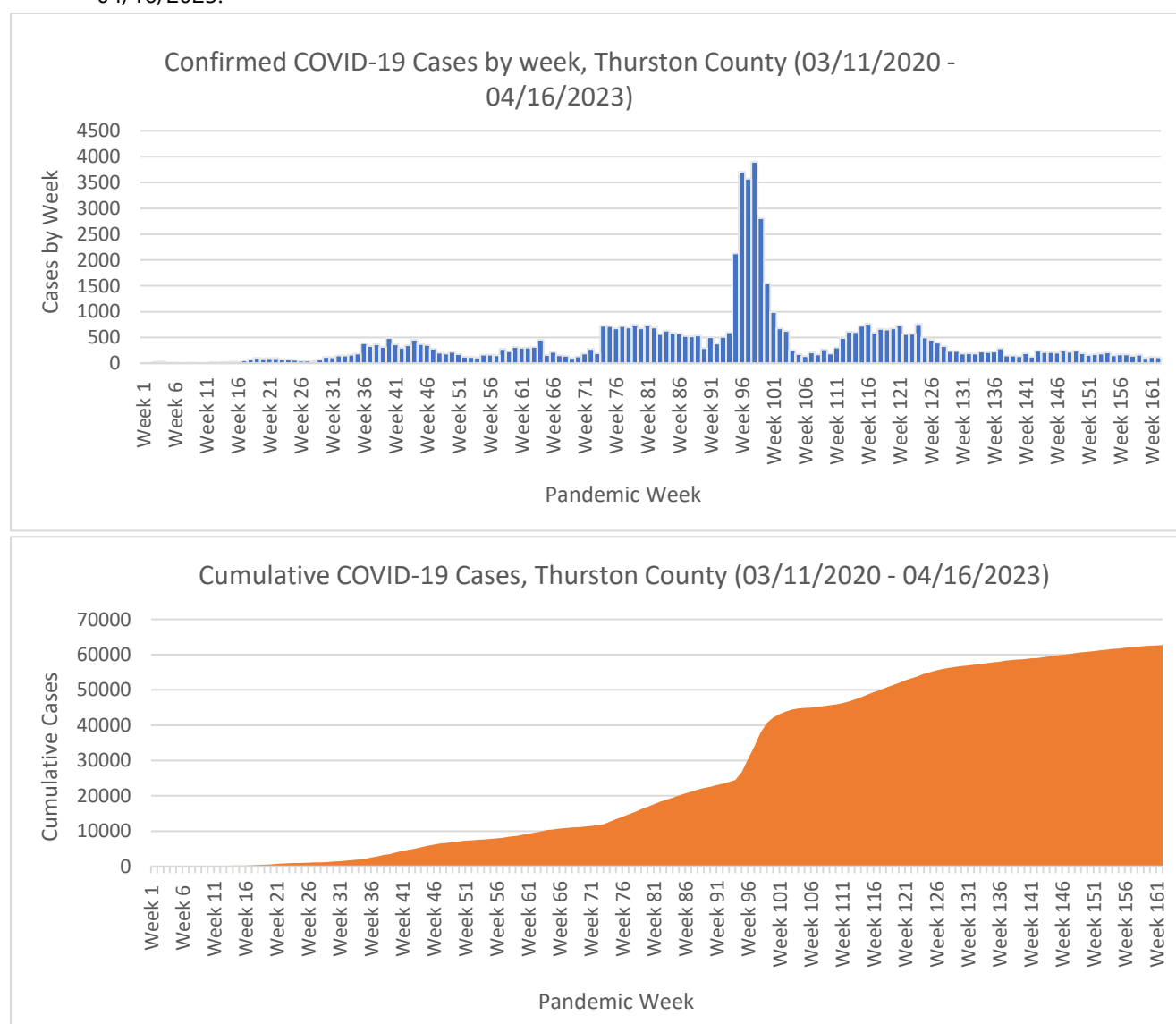
	Description	Past 7 Days	Total (cumulative)
Data current as of 04/11/2023	Seven-Day Percentage of Positive COVID-19 Tests (Date range: 03/26/2023 – 04/01/2023)	5.8%	N/A
Data current as of 04/11/2023	Seven-Day Total number of COVID-19 Tests (Date range: 03/26/2023 – 04/01/2023)	1,160	N/A
Data current as of 04/16/2023	Diagnosed with COVID-19 (confirmed/positive test)	115 residents	62,745 residents
	Hospitalized (Ever)	11	3,343
	Deaths	2 residents	517 residents
	COVID-19 Facility Outbreaks	0	9 ongoing (378 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 237, which combines Weeks 161 and 162.

Week (Monday-Sunday)	Total Diagnosed in Week	Total Breakthrough Cases in Week	Running Total Diagnosed (cumulative)	Running Total Breakthrough (cumulative)
Week 161 (04/03/2023 – 04/09/2023)	122	47	62,630	26,225
Week 162 (04/10/2023 – 04/16/2023)	115	7	62,745	26,232

- 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 04/16/2023.
- The second graph shows the running total or cumulative cases in the county current to 04/16/2023.

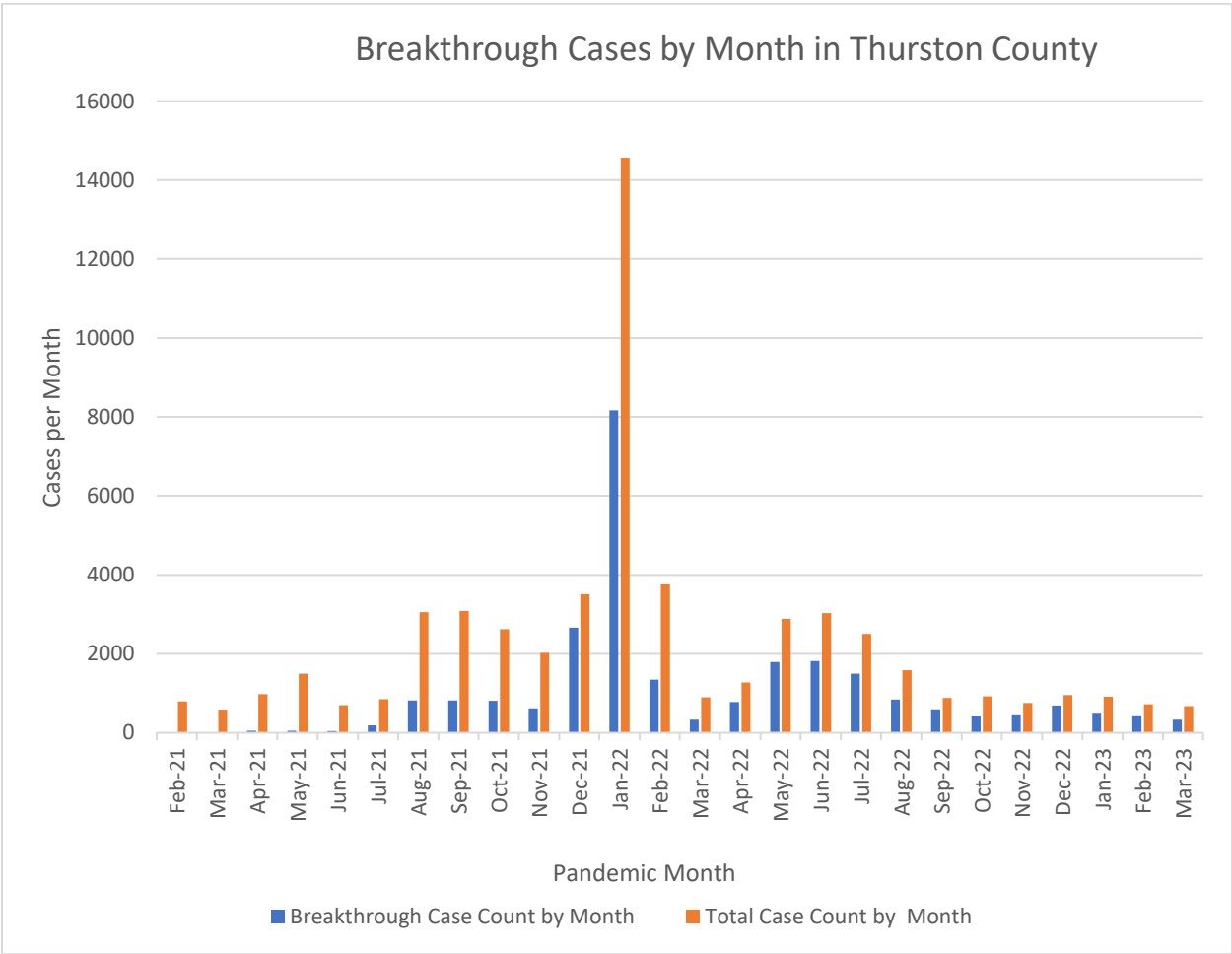
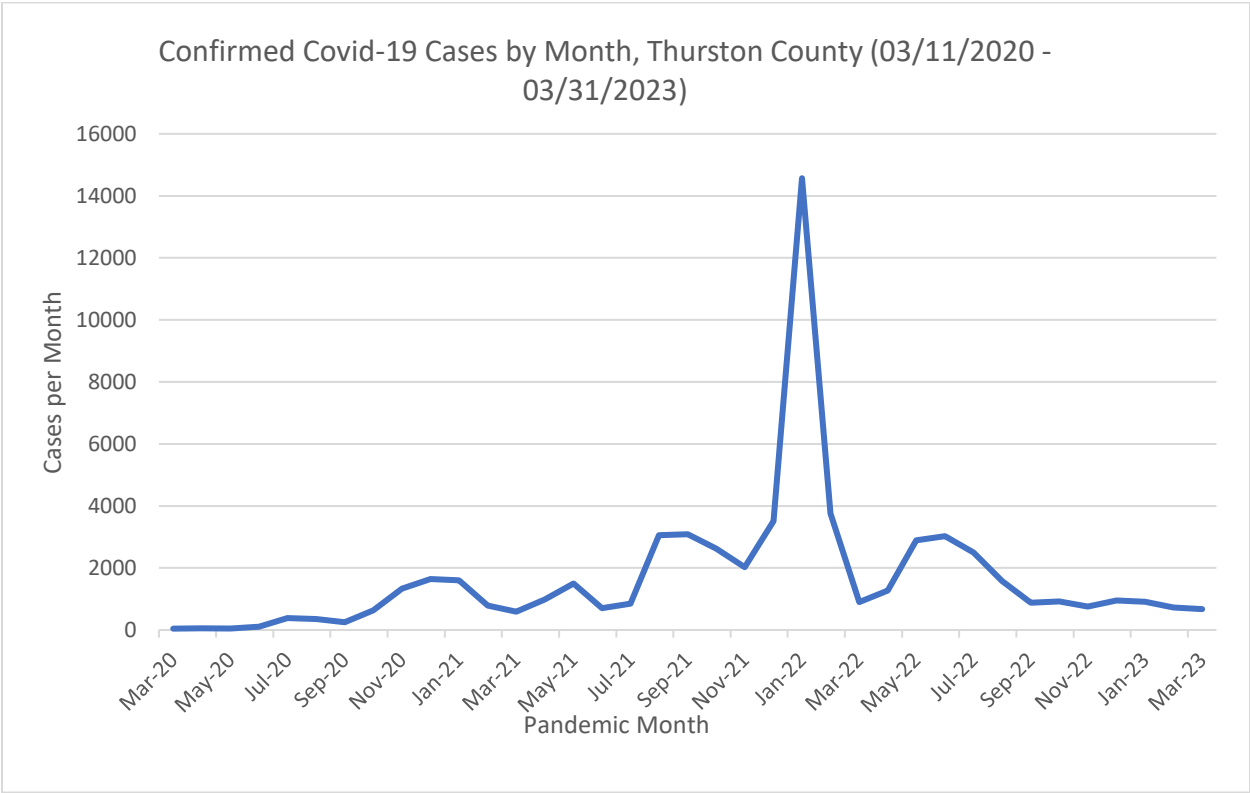


Monthly

- 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	4	7,257	4
March 2021	589	11	7,846	15
April 2021	981	48	8,827	63
May 2021	1,497	54	10,324	117
June 2021	701	43	11,025	160
July 2021	849	188	11,874	348
August 2021	3,057	818	14,931	1,166
September 2021	3,087	816	18,018	1,982
October 2021	2,623	807	20,641	2,789
November 2021	2,025	618	22,666	3,407
December 2021	3,508	2,667	26,174	6,074
January 2022	14,570	8,176	40,744	14,250
February 2022	3,756	1,345	44,500	15,595
March 2022	899	333	45,399	15,928
April 2022	1,273	781	46,672	16,709
May 2022	2,890	1,792	49,562	18,501
June 2022	3,031	1,818	52,593	20,319
July 2022	2,502	1,498	55,095	21,817
August 2022	1,586	843	56,681	22,660
September 2022	883	592	57,564	23,252
October 2022	922	437	58,486	23,689
November 2022	756	469	59,242	24,158
December 2022	951	691	60,193	24,849
January 2023	914	508	61,107	25,357
February 2023	725	444	61,832	25,801
March 2023	676	364	62,508	26,165
April 2023 (month not complete)	237	67	62,745	26,232

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



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 04/16/2023, there are:
 - 9 COVID-19 congregate care outbreaks are currently under investigation in Thurston County:
 - 1 in adult family home facility
 - 2 in assisted living facility
 - 1 in a congregate housing facility
 - 5 in nursing facility
 - 378 total COVID-19 facility outbreaks have occurred in Thurston County since March 2020

***Please Note:** Beginning January 1, 2023, Total Cases includes Confirmed, Probable, and Suspect cases in alignment with DOH and the revised [Healthcare Outbreak definition](#).

Facility Name	Cases in Staff	Cases in Residents	Total Cases*	Deaths
Adult Family Home (80)	0	1	1	0
Assisted Living (88)	1	1	2	0
Assisted Living (89)	0	1	1	0
Congregate Housing (29)	5	4	9	0
Nursing Facility (59)	5	13	18	0
Nursing Facility (61)	12	16	28	0
Nursing Facility (62)	1	6	7	0
Nursing Facility (63)	2	7	9	0
Nursing Facility (64)	0	4	4	0
	26	53	79	0

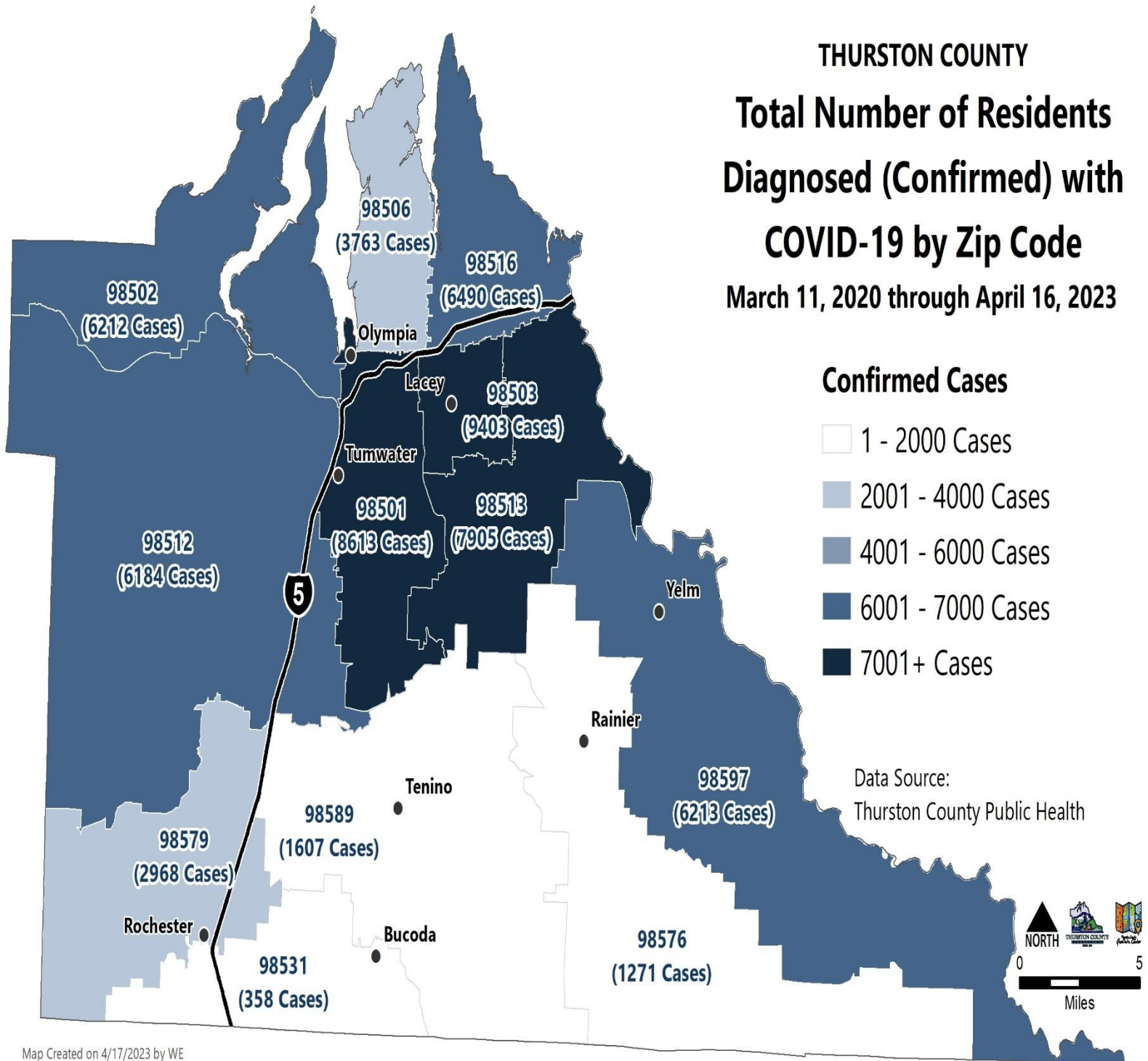
Geography

Many 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
- 98579
- 98589
- 98597

THURSTON COUNTY
Total Number of Residents
Diagnosed (Confirmed) with
COVID-19 by Zip Code
 March 11, 2020 through April 16, 2023



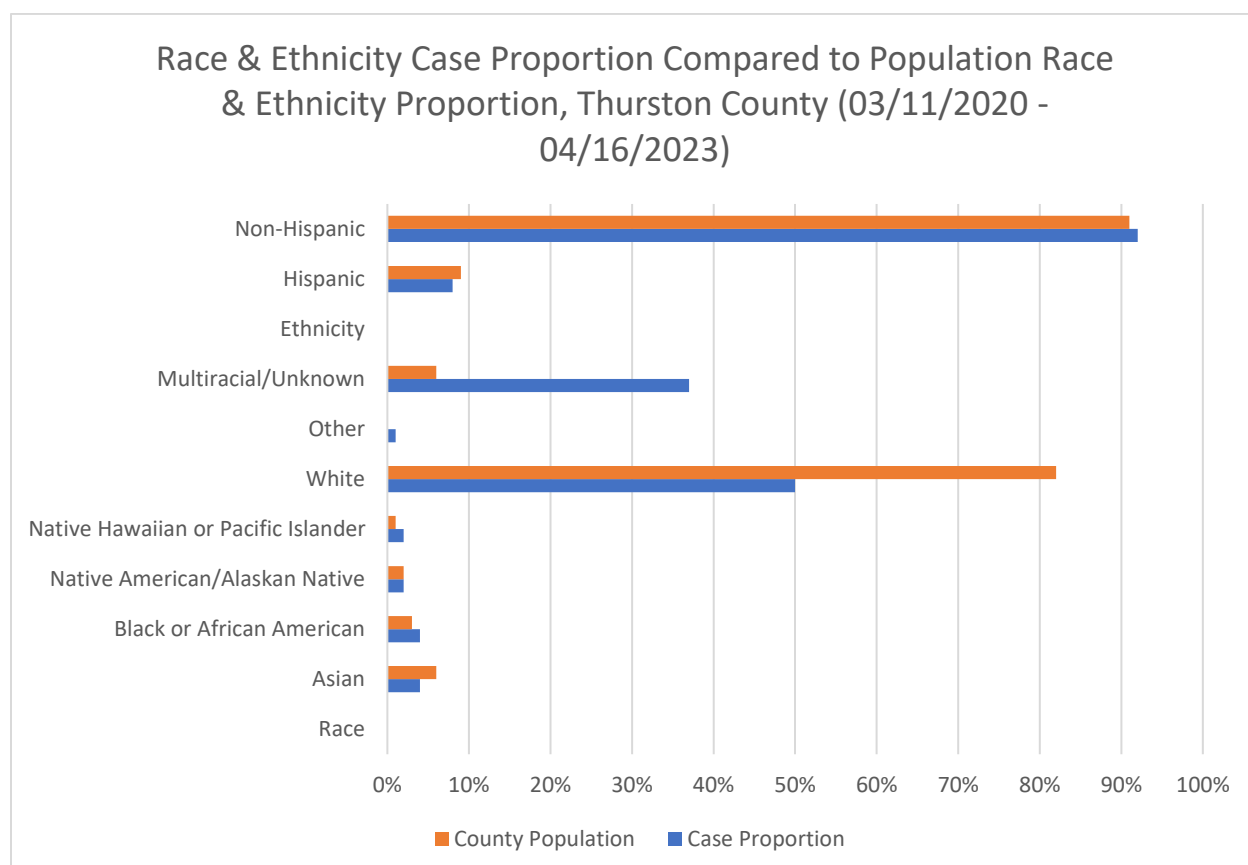
Map Created on 4/17/2023 by WE

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 and Black or African American are over-represented as a percent of COVID-19 confirmed cases when compared to the county's total population.

Thurston County As of 04/16/2023	Percent of Residents Diagnosed with COVID-19	Percent of Total County Population
Race		
Asian	4%	7%
Black or African American	4%	3%
Native American/Alaskan Native	2%	2%
Native Hawaiian or Pacific Islander	2%	1%
White	50%	81%
Other	1%	Not available
Multiracial/Unknown	37%	6%
Ethnicity		
Hispanic	8%	9%
Non-Hispanic	92%	91%



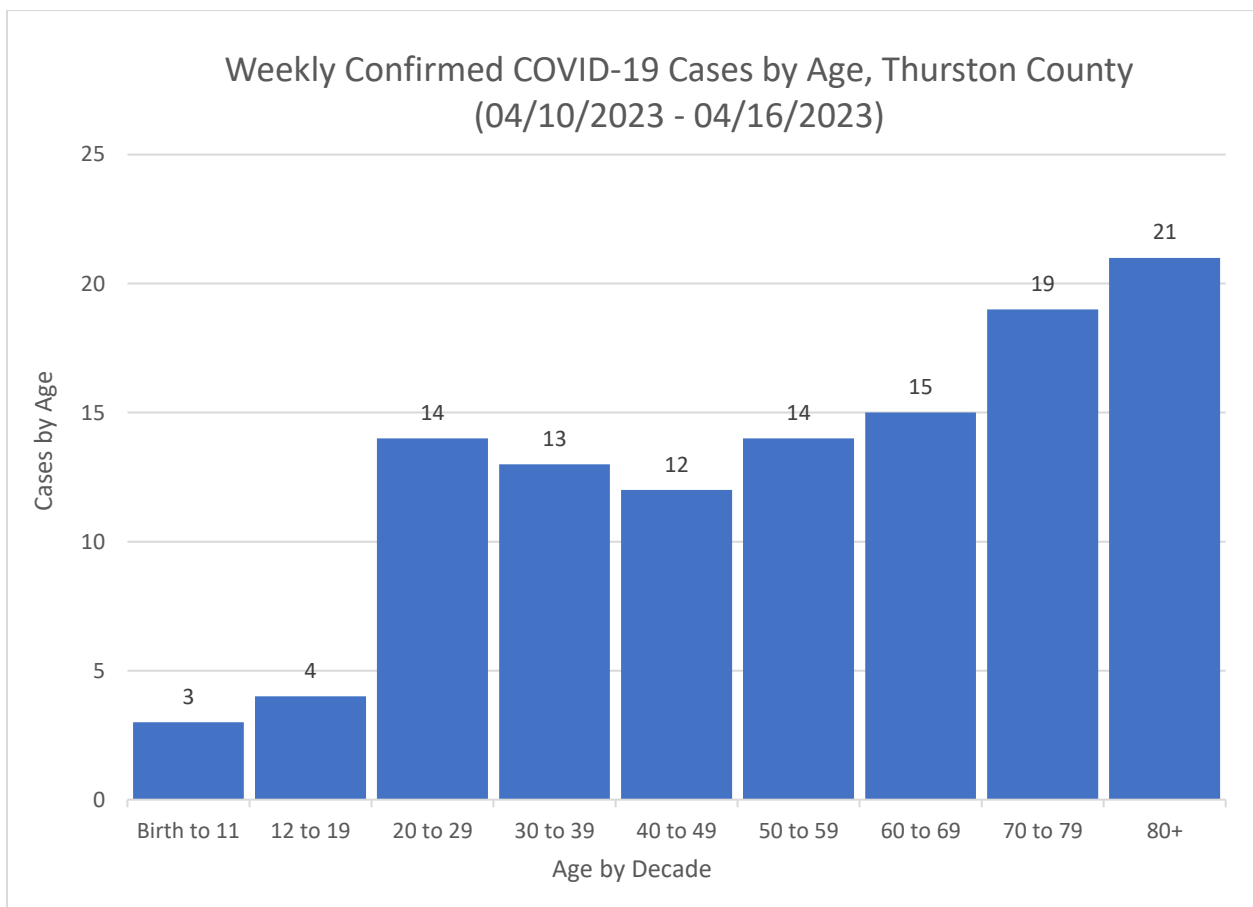
Age Weekly

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

04/10/23 to 04/16/23	Weekly Confirmed Cases by Age Group	
Birth to 11	3%	3 cases
12-19	3%	4 cases
20-29	12%	14 cases
30-39	11%	13 cases
40-49	10%	12 cases
50-59	12%	14 cases
60-69	13%	15 cases
70-79	17%	19 cases
80 and Older	18%	21 cases
Unknown	0%	0 cases

Unknown: Information unavailable at time of report.

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



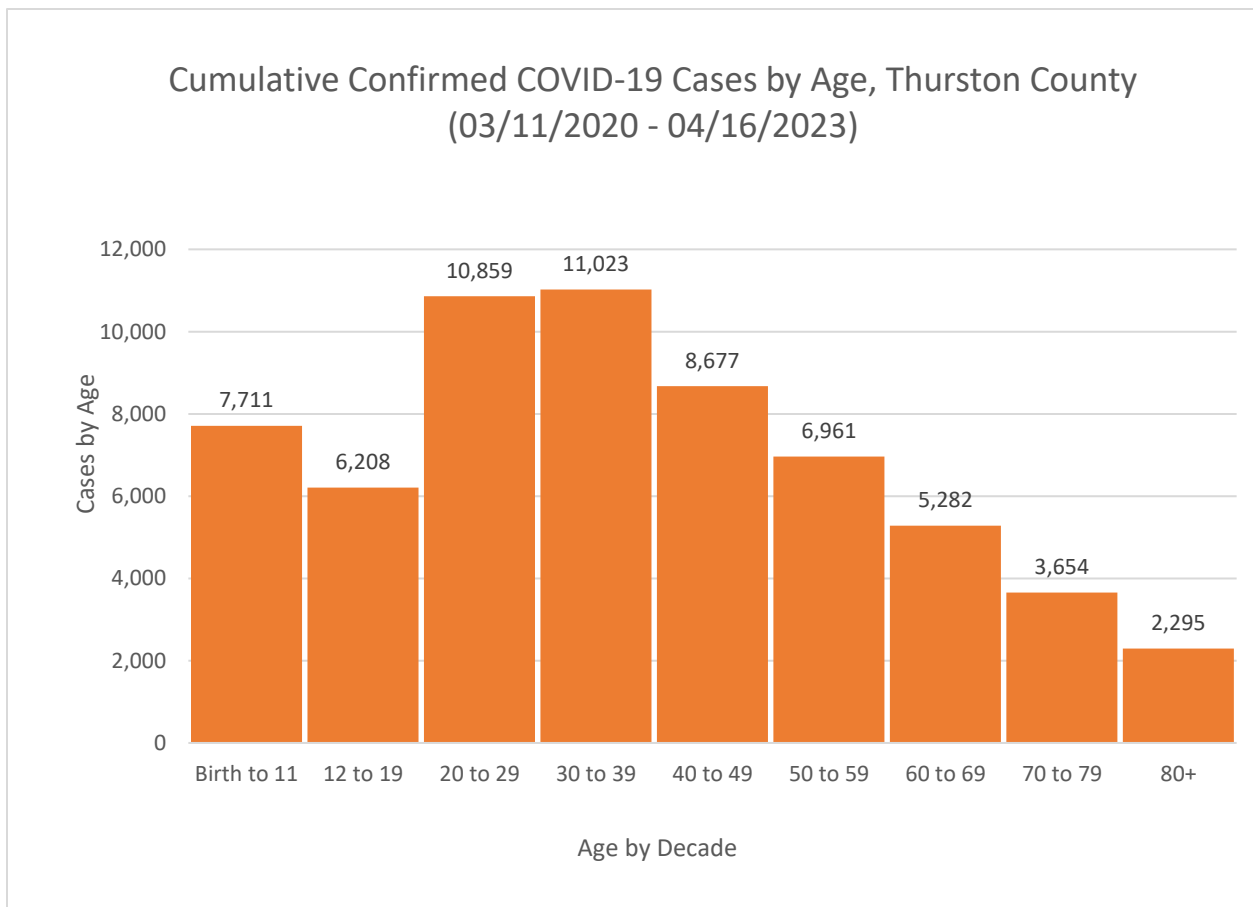
Age Cumulative

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

As of 04/16/23	Total Confirmed Cases by Age Group	
Birth to 11	12%	7,711 cases
12-19	10%	6,208 cases
20-29	17%	10,859 cases
30-39	18%	11,023 cases
40-49	14%	8,677 cases
50-59	11%	6,961 cases
60-69	8%	5,282 cases
70-79	6%	3,654 cases
80 and Older	4%	2,295 cases
Unknown	0%	75 cases

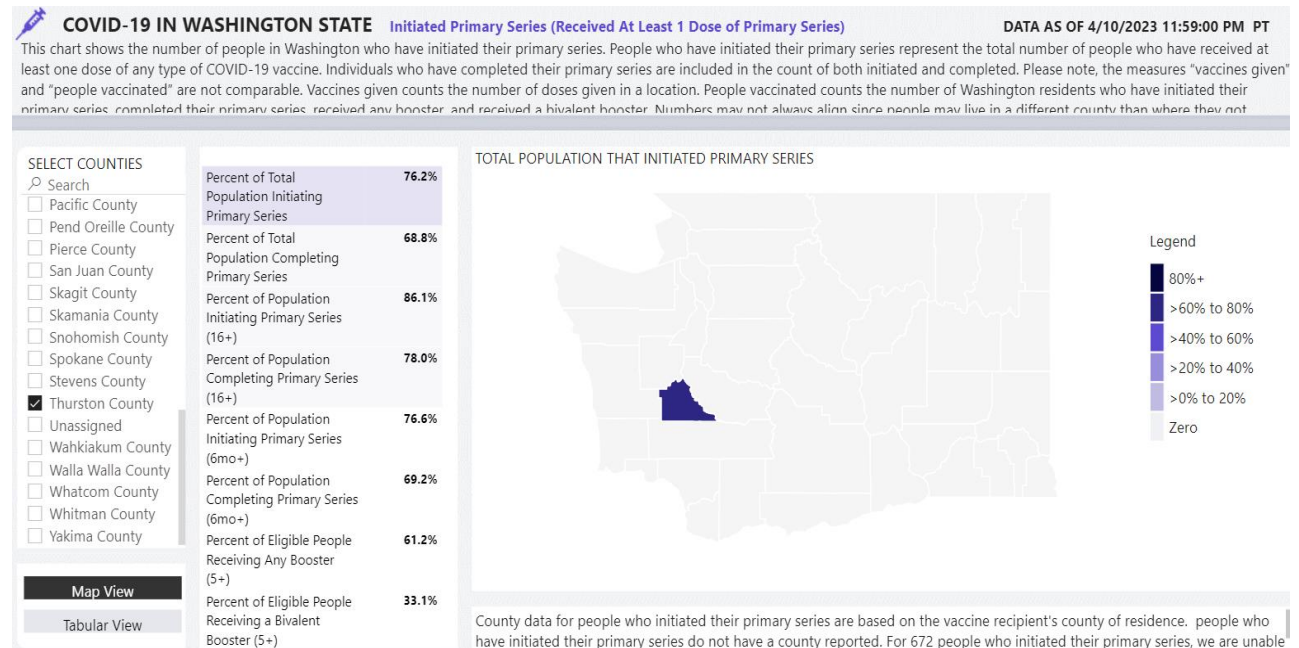
Unknown: Information unavailable at time of report.

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](#).

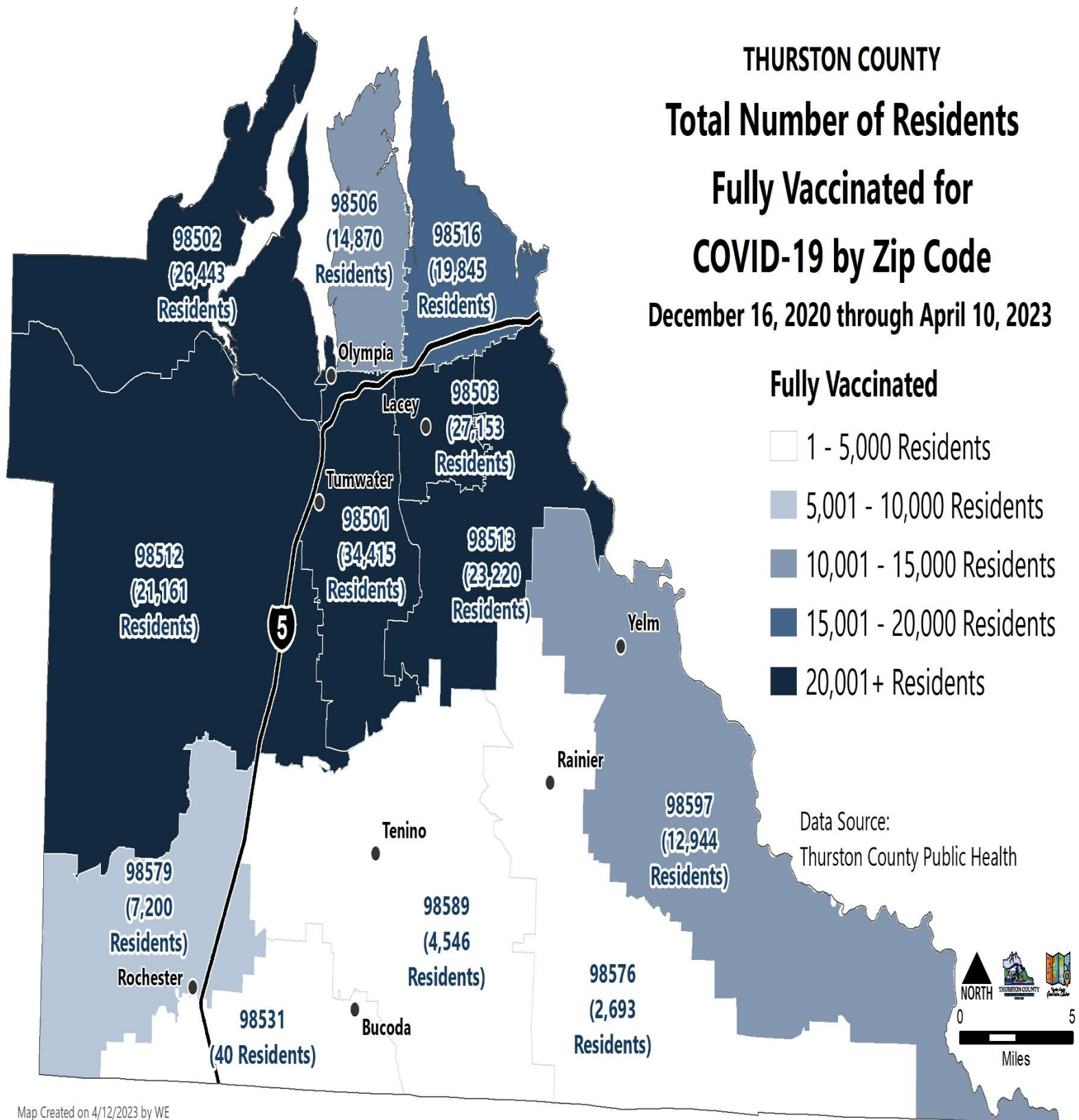
COVID-19 Vaccination by Geography

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.

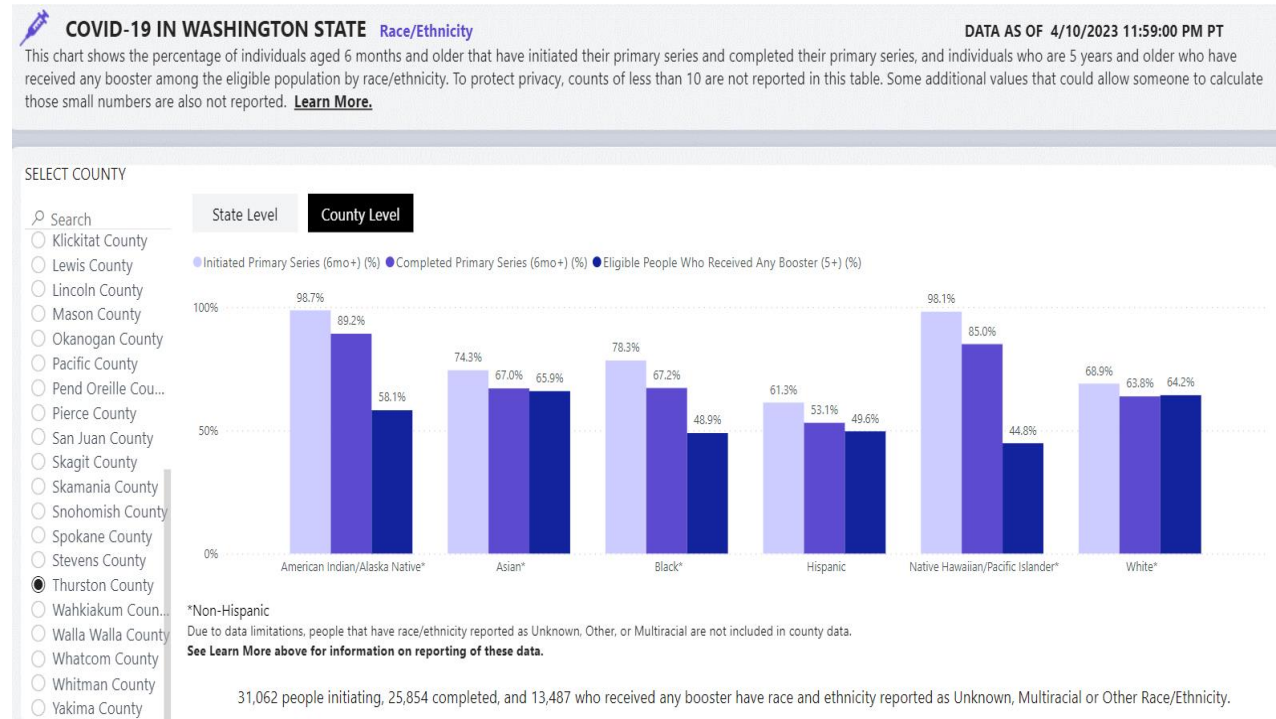
Thurston County As of 04/10/23	Residents Initiating Vaccination	Percent of Residents Initiating Vaccination	Fully Vaccinated Residents	Percent of Fully Vaccinated Residents	Total Population by Zip Code
Zip Code					
98501	37,639	85%	34,415	78%	74%
98502	29,231	85%	26,443	77%	74%
98503	30,343	76%	27,153	68%	64%
98506	16,153	82%	14,870	75%	71%
98512	23,058	70%	21,161	64%	61%
98513	25,967	71%	23,220	64%	60%
98516	22,514	81%	19,845	71%	66%
98531	43	2%	40	2%	1%
98576	2,974	55%	2,693	50%	48%
98579	7,806	58%	7,200	53%	51%
98589	4,914	59%	4,546	55%	52%
98597	14,701	57%	12,944	50%	47%
Unknown	6,380	Not Available	5,739	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.



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](#).

Thurston County Public Health and Social Services Department
Last edited 04/18/2023

COVID-19 Vaccination by Sex



COVID-19 IN WASHINGTON STATE Sex

DATA AS OF 4/10/2023 11:59 PM PT

This chart shows the percentage of individuals aged 6 months and older that have initiated their primary series and completed their primary series, and individuals aged 5 years and older who have received any booster among the eligible population by sex. [Learn More](#)



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 10 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 COVID-19 cases who tested positive by a viral test, AND
 - At least two of the cases have symptom onset dates (or positive test specimen collection dates if asymptomatic) within 7 days of each other, AND
 - Cases were epidemiologically linked in the congregate setting (e.g., cases share a work shift or building), AND
 - There is no evidence that transmission was more likely to have occurred in another setting (e.g., household) outside of the congregate setting.
- **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: <https://www.thurstoncountywa.gov/departments/public-health-and-social-services/disease-control-and-prevention/communicable-diseases/COVID-19>

Thurston County Public Health and Social Services Department

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