

Omicron COVID-19 Variant

CDC continues to recommend vaccination and boosters as the best protection against all variants of COVID-19, including Omicron. Across the USA, Omicron now makes up 73% of all cases and it is now the most common COVID-19 variant. Arizona has only reported

31 cases to date and none have been identifed yet from TON. Although Omicron variant appears to be highly contagious and can infect fully vaccinated persons, so far, it appears that most fully vaccinated persons experience mild illness and have good protection against severe illness.

Transmission Risk Level: extra precautions

Arizona, Pima County, and Tohono O'odham Nation have HIGH risk transmission levels. Arizona hospitals report that 94% of all intensive care units beds (ICU) are full and 42% of patients have COVID-19.

Increase your personal COVID-19 precautions: avoid crowds and indoor gatherings, especially where persons are unvaccinated. If you must be in public spaces indoors, wear a mask, regardless of your vaccination status. Incorporate extra precautions into all holiday plans. Celebrate outdoors, limit attendance, and try to get tested before any event.

COVID-19 Vaccination and boosters

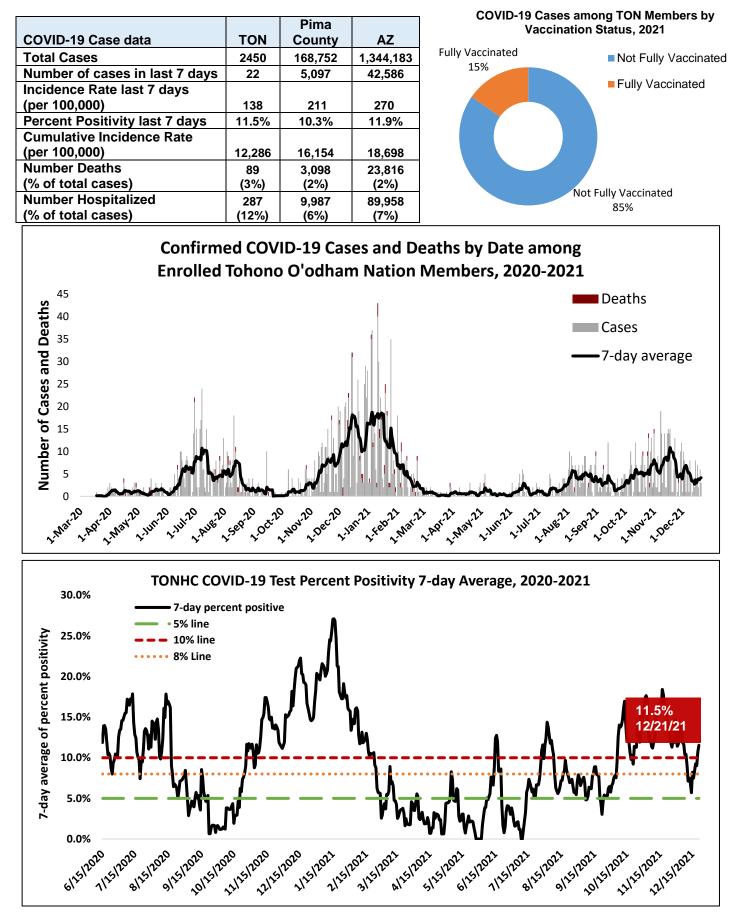
Vaccination remains the best protection. All persons ages 5 years and older should get COVID-19 vaccinations. All adults should get a booster vaccine 6 months after their primary series. Teens 16-17 years old may also get a booster 6 months after their Pfizer COVID-19 vaccines.

COVID-19 Cases				
	Enrolled Member of Tohono O'odham Nation	Enrolled Member of Another Tribe or Other	Total	
Residing within Boundaries of TON	1604	56	1660	
Residing outside Boundaries of TON	846	352	1198	
Total	2450	408	2858	

*Includes non-TON members tested at TONHC

**Total Pandemic Cases & Deaths include non-tribal community members

Wear a mask, physically distance, and wash your hands to protect Tohono O'odham Nation



TONHC Situation Update 12/22/2021 7:00 Wear a mask, physically distance, and wash your hands to protect Tohono O'odham Nation

TON COVID-19 Vaccination Program

COVID-19 Vaccine is available through TONHC to:

- TON members or other tribal members and TONHC patients
- Non-Native persons who work with or on the TON
- Non-Native persons who reside in a household with a tribal member or on the Nation

Appointments: Call TONHC clinics to make an appointment.

- Sells Hospital......520-383-7209
- San Xavier Health Center...520-547-8140
- San Simon Health Center...520- 362-7078
- Locate a vaccination site anywhere the USA: <u>www.vaccine.gov</u> Call 1-800-232-0233 (TTY 1-888-720-7489)

CDC currently recommends COVID-19 vaccination for:

- Children ages 5 years and older
- ALL ADULTS
- Women who are pregnant, breastfeeding, trying to get pregnant, or might become pregnant in the future,
- Persons infected with COVID-19 once they recover and/or have completed isolation.
- Persons who received monoclonal antibody treatments (mAB), 90 days after treatment.

Boosters: COVID-19 boosters are recommended for ALL ADULTS and teens 16-17 years old.

- All adults should get a COVID-19 vaccine booster.
- Persons aged 18 years and older who received Pfizer-BioNTech or Moderna COVID-19 vaccines should get a booster at least 6 months after completing their primary COVID-19 vaccine series (3 shots total).
- Persons aged 18 years and older who received Johnson & Johnson (Janssen) vaccine should get a booster at least 2 months the first dose (2 shots total).
- Adolescents ages 16 and 17 can get a booster at least 6 months after their initial Pfizer vaccination series. At this time, only the Pfizer-BioNTech COVID-19 vaccine is authorized and recommended for adolescents aged 16 and 17 years old.

Moderately to severely immunocompromised people

- Persons with weakened immune systems ages 12 years and older who received Pfizer-BioNTech or Moderna COVID-19 vaccines should receive a third dose 28 days after completing their primary COVID-19 vaccination series and a booster dose 6 months after the 3rd dose (4 shots total).
- Persons with weakened immune systems, ages 18 years and older, who received Johnson & Johnson (Janssen) vaccine COVID-19 vaccine should get a booster dose at least 2 months after their single-dose J&J/Janssen primary shot (total of 2 shots). There is no recommendation for more boosters at this time.

Any of the COVID-19 vaccines authorized in the United States may be used for adult booster doses.

TON COVID-19 Vaccination Program

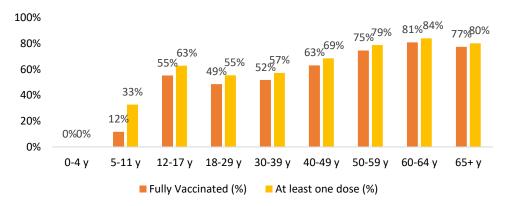
Vaccination Rates as of 12/15/2021

The following graphics show COVID-19 vaccination rates for persons who receive care through TONHC, and specifically among Tohono O'odham Nation Members. Data are retrieved internally from TONHC's Resource and Patient Management System (RPMS) and the Arizona State Immunization Information System (ASIIS). Vaccination data of TON members who received vaccinations through PIMC are also included.

COVID-19 Vaccinations	Completed COVID-19 Vaccine Series		At Least 1 COVID- 19 Vaccine Administered		Population
	Percent (%)	(n)	Percent (%)	(n)	(n)
US Population 5 years & over**	65%		77%		
American Indian/Alaska Native (TONHC/PIMC patients)	44%	9,870	50%	11,161	22,651*
Tohono O'odham Nation Member	51%	8,576	58%	9,686	16,787 [†]
Residing on TON	57%	5,608	65%	6,352	9,837#

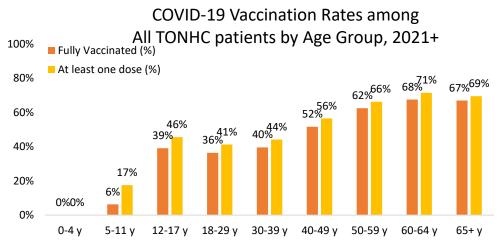
*American Indian/Alaska Native, vaccine eligible ages 5 years and older, at least 1 visit at TONHC in last 3 years, and TON members receiing vaccine through PIMC †Enrolled TON member, vaccine eligible ages 5 years and older, at least one visit at TONHC in last 3 years, and TON members receiving vaccine through PIMC #Enrolled TON members and non-members, vaccine eligible ages 5 years and older, at least one visit at TONHC in last 3 years, and TON members receiving vaccine through PIMC #Enrolled TON members and non-members, vaccine eligible ages 5 years and older, at least one visit at TONHC in last 3 years, residing on TON, including TON members receiving vaccine through PIMC

CDC | Data as of: December 15, 2021 6:00am ET. Posted: Wednesday, December 15, 2021 6:38 PM ET



COVID-19 Vaccination Rates among TON Members Living on the Reservation by Age Group

*TONHC patients with at least 1 visit in 3 years, residing on Tohono O'odham Nation, and members residing on TON vaccinated through PIMC



*TONHC patients with at least one visit in the last 3 years, any tribal affiliation

COVID-19 Vaccination rates are higher among residents of the Reservation compared to overall the TONHC patient population.

~80% of adults ages 60+ living on Reservation have received 1 or 2 vaccine doses.

~Half of young adults on the Reservation are fully vaccinated.

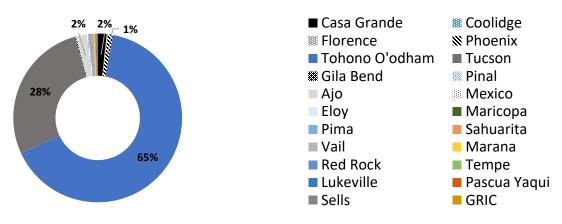
Vaccination for children ages 5-11 y began Nov 15, 2021.

685 persons have received booster doses (began in Nov 2021)

TONHC Situation Update 12/22/2021 7:00

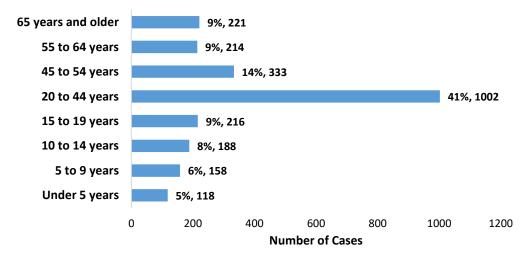
COVID-19 Data Summary

Region of Residence for COVID-19 Cases Among Members of The Tohono O'odham Nation



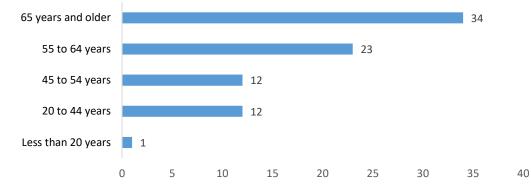
Characterisitics of COVID-19 cases among Tohono O'odham Members

Age Distribution of COVID-19 Cases among Tohono O'odham Members, 2020-2021

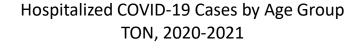


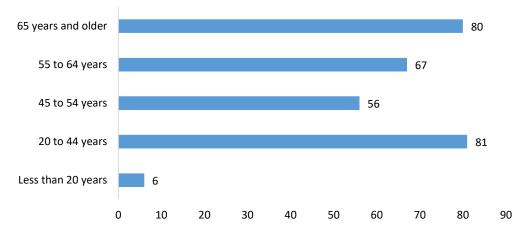
Median age of cases is 32 years (range 1 mo-100 years).

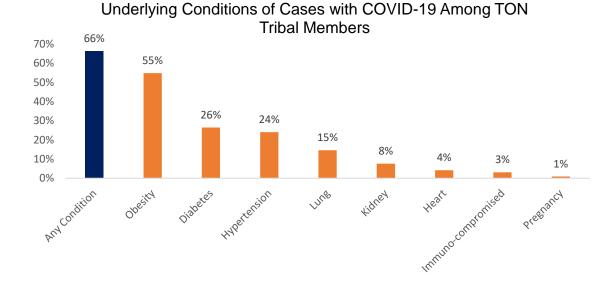
Deceased Covid-19 Cases by Age Group Tohono O'odham Nation Members, 2020-2021

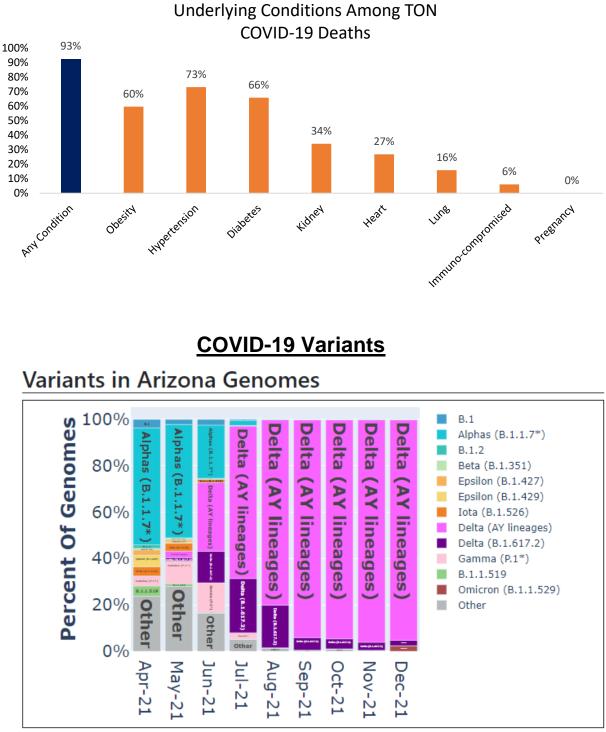


Median age of death is 61.5 years (range 14-100 years)





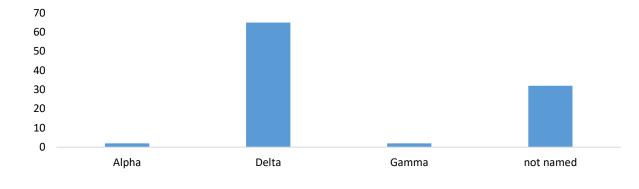




S Lineages are assigned by Pangolin (O'Toole et al *Virus Evolution*)

8 Dec 2021, AZDHS reported the first case of COVID-19 Omicron in Yavapai County, Arizona. 22 Dec 2021: AZDHS reported 31 cases of COVID-19 Omicron=1.3% of sequenced cases.

COVID-19 Variants reported from TONHC cases, Arizona Department of Health Services 2021



COVID-19 Laboratory Testing at TONHC

Total Covid-19 Tests Performed at TONCH through 12/22/2021	21636
Total Tests Performed in Past 7 Days	284

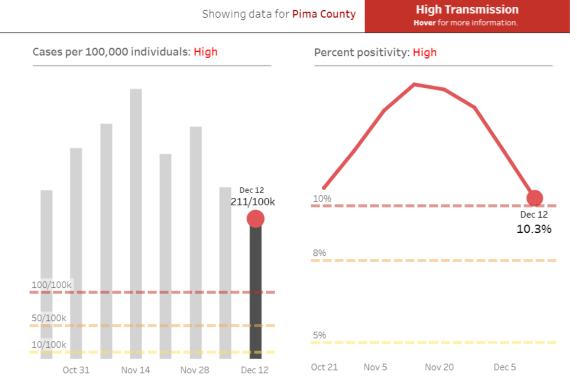
Testing Available at TONHC

COVID-19 testing began at TONHC on March 23, 2020. Same-day testing is available at San Xavier, Sells, and San Simon Health Centers. On-site same-day testing began on April 20, 2020. There are two different in-house testing platforms currently: same-day/rapid test for symptomatic patients or same-day PCR testing (testing for SARS CoV-2, Flu A, Flu B, and RSV using one swab, starting February 1, 2021). Send-out testing is for specific cases. Effective 8/1/21, in-house antibody testing was discontinued, and is no longer recommended by CDC.

Arizona COVID-19 School Benchmarks

CDC and AZDHS School Guidance Tool (2-Mar-21).

The Arizona Department of Health Developed Community Transmission to Reflect Level of Community Risk: CDC recommends the use of two measures of community burden to determine the level of community transmission. These measures assess the incidence and spread of COVID-19 in the community, not the school itself. Risk is dependent on community level transmission and implementation of school and community mitigation strategies.



Date Updated: 12/23/2021

Indicator	Low Transmission	Moderate Transmission	Substantial Transmission	High Transmission
Total new cases per 100,000 persons in the last 7 days	0 – 9	10 – 49	50 – 99	≥ 100
Percentage of nucleic acid amplification tests (NAATs) that are positive during the past 7 days	<5.0%	5.0% – 7.9%	8.0% – 9.9%	≥ 10.0%

Arizona Department of Health Services, <u>https://www.azdhs.gov/documents/preparedness/epidemiology-disease-control/infectious-disease-epidemiology/novel-coronavirus/schools/school-benchmarks.pdf</u>, accessed 3/11/21.

Sells Emergency Department

Door to transfer time, the amount of time it takes to transfer a patient to another facility for higherlevel care from the time they entered the emergency department, has increased dramatically for Sells Emergency Department since August 2021 due to COVID-19. As higher-level care hospitals continue to see increased COVID-19 cases, Sells ED patients will continue seeing increased wait times.

Month	Door-to-Transfer time for Sells Hospital ED	Total Visits
June 2021	262 minutes	753
July 2021	292 minutes	742
August 2021	402 minutes	859
September 2021	531 minutes	833
October 2021	439 minutes	761
November 2021	533 minutes	807

Sells Hospital uses the Arizona Surge Line for all COVID-19 transfers outside of TONHC. The Arizona Surge Line is a 24/7 toll-free statewide system activated 4/22/20 to keep hospitals and regions of Arizona from being overwhelmed by facilitating COVID-19 patient admission, transfer, and discharge to appropriate levels of care.

SELLS INPATIENT UNIT

To minimize possible exposure and conserve personal protective equipment, visitors are not allowed on the inpatient ward. Exceptions are for pediatric patients, patients in labor, and other special circumstances. In accordance with state enhanced surveillance advisory related to COVID-19, daily information is reported to Arizona State using EMResource.

Medical Bed Capacity through 12/22/2021	3
ICU	0
Negative Pressure Rooms	2 - inpatient ward, 1- Emergency Department
COVID-19 patients admitted to TONHC to date	3

PUBLIC HEALTH NURSING – CONTACT TRACING

Number of PHN contact tracings through 12/22/21 4761

TONHC public health nursing conducts case investigation and contact tracing (involves interviewing). Case investigations are initiated on everyone who tests positive for COVID-19.

Persons residing off Tohono O'odham Nation are contacted by health departments from their respective county of residence.

APPENDIX

Confirmed COVID-19 Cases and Absolute Change among Enrolled Tohono O'odham Nation Members by Week, 2020-2021*

Members by Week, 2020-2021*	Cumulative COVID-19 Cases Among Enrolled	Absolute Change [§] in
Week (2020-2021)	Tohono O'odham Tribal	Cumulative Case Counts
Week (2020-2021) June 24, 2020 – June 30, 2020	208	from Previous Week
July 1, 2020 – July 2, 2020	265	57
July 8, 2020 – July 14, 2020	324	59
July 15, 2020 – July 21, 2020	349	25
July 22, 2020 – July 28, 2020	382	33
July 29, 2020 – August 4, 2020	421	39
August 5, 2020 – August 4, 2020	468	47
August 12, 2020 – August 11, 2020	501	33
August 12, 2020 – August 10, 2020 August 19, 2020 – August 25, 2020	513	12
August 19, 2020 – August 23, 2020 August 26, 2020 – September 1. 2020	523	12
September 2, 2020 – September 1, 2020	532	9
September 2, 2020 – September 6, 2020 September 9, 2020 – September 15, 2020	546	14
	546	
September 16, 2020 – September 22, 2020		0
September 23, 2020 – September 29, 2020	547	1 2
September 30, 2020 – October 6, 2020	549	
October 7, 2020 – October 13, 2020	560	11
October 14, 2020 – October 20, 2020	566	6
October 21, 2020 – October 27, 2020	584	18
October 28, 2020 – November 3, 2020	597	13
November 4, 2020 – November 10, 2020	637	40
November 11, 2020 – November 17, 2020	687	50
November 18, 2020 – November 24, 2020	744	57
November 25, 2020 – December 1, 2020	805	61
December 2, 2020 – December 8, 2020	890	85
December 9, 2020 – December 15, 2020	1017	127
December 16, 2020 – December 22, 2020	1109	92
December 23, 2020 – December 29, 2020	1191	82
December 30, 2020 – January 5, 2021	1322	131
January 6, 2021 – January 12, 2021	1444	122
January 13, 2021 – January 19, 2021	1530	86
January 20, 2021 – January 26, 2021	1624	94
January 27, 2021 – February 2, 2021	1671	47
February 3, 2021 – February 9, 2021	1705	34
February 10, 2021 - February 16, 2021	1728	23
February 17, 2021 – February 23, 2021	1746	18
February 24, 2021 – March 2, 2021	1752	6
March 3, 2021 – March 9, 2021	1758	6
March 10, 2021 – March 16, 2021	1759	1
March 17, 2021 – March 23, 2021	1761	2
March 24, 2021 – March 30, 2021	1763	2
March 31, 2021 – April 6, 2021	1764	1

April 7, 2021 – April 13, 2021	1766	2
April 14, 2021 – April 20, 2021	1770	4
April 21, 2021 - April 27, 2021	1772	2
April 28, 2021 – May 4, 2021	1780	8
May 5, 2021 – May 11, 2021	1789	9
May 12, 2021 – May 18, 2021	1790	1
May 19, 2021 – May 25, 2021	1793	3
May 26, 2021 – June 1, 2021	1794	1
June 2, 2021 – June 8, 2021	1800	6
June 9, 2021 – June 15, 2021	1818	18
June 16, 2021 – June 22, 2021	1820	2
June 23, 2021 – June 29, 2021	1823	3
June 30, 2021 – July 6, 2021	1825	2
July 7, 2021 – July 13, 2021	1832	7
July 14, 2021 –July 20, 2021	1839	7
July 21, 2021 – July 27, 2021	1850	11
July 28, 2021 – August 3, 2021	1876	26
August 4, 2021 – August 10, 2021	1897	21
August 11, 2021 – August 17, 2021	1925	28
August 18, 2021 – August 24, 2021	1950	25
August 25, 2021 – August 31, 2021	1976	26
September 1, 2021 – September 7, 2021	1991	15
September 8, 2021 – September 14, 2021	2010	19
September 15, 2021 – September 21, 2021	2014	4
September 2, 2021 – September 28, 2021	2027	13
September 29, 2021 – October 5, 2021	2042	15
October 6, 2021 – October 12, 2021	2079	37
October 13, 2021 – October 19, 2021	2109	30
October 21, 2021 – October 26, 2021	2148	39
October 27, 2021 – November 2, 2021	2198	50
November 3, 2021 – November 9, 2021	2243	45
November 10, 2021 –November 16, 2021	2293	50
November 17, 2021 – November 23, 2021	2346	53
November 24, 2021 – November 30, 2021	2377	31
December 1, 2021 – December 7, 2021	2410	33
December 8, 2021 – December 14, 2021	2428	18
December 15, 2021 – December 21, 2021	2450	22

*changes due to added cases

Confirmed COVID-19 Cases and Absolute Change among Enrolled Tohono O'odham Nation Members Residing within the Tohono O'odham Nation by Week, 2020-2021*

Week (2020-2021)	Cumulative COVID-19 Cases Among Enrolled Tohono O'odham Tribal Members Residing within the Tohono O'odham Nation Boundary	Absolute Change [§] in Cumulative Case Counts from Previous Week
June 24, 2020 – June 30, 2020	87	
July 1, 2020 – July 2, 2020	116	29
July 8, 2020 – July 14, 2020	163	47
July 15, 2020 – July 21, 2020	182	19
July 22, 2020 – July 28, 2020	204	22
July 29, 2020 – August 4, 2020	234	30
August 5, 2020 – August 11, 2020	272	38
August 12, 2020 – August 18, 2020	299	27
August 19, 2020 – August 25, 2020	309	10
August 26, 2020 – September 1. 2020	319	10
September 2, 2020 – September 8, 2020	326	7
September 9, 2020 – September 15, 2020	340	14
September 16, 2020 – September 22, 2020	340	0
September 23, 2020 – September 29, 2020	340	0
September 30, 2020 – October 6, 2020	341	1
October 7, 2020 – October 13, 2020	349	8
October 14, 2020 – October 20, 2020	352	3
October 21, 2020 – October 27, 2020	358	6
October 28, 2020 – November 3, 2020	369	11
November 4, 2020 – November 10, 2020	402	32
November 11, 2020 – November 17, 2020	437	35
November 18, 2020 – November 24, 2020	485	48
November 25, 2020 – December 1, 2020	528	43
December 2, 2020 – December 8, 2020	589	61
December 9, 2020 – December 15, 2020	685	96
December 16, 2020 – December 22, 2020	747	62
December 23, 2020 – December 29, 2020	796	49
December 30, 2020 – January 5, 2021	884	88
January 6, 2021 – January 12, 2021	969	85
January 13, 2021 – January 19, 2021	1031	62
January 20, 2021 – January 26, 2021	1106	75
January 27, 2021 – February 2, 2021	1137	31
February 3, 2021 – February 9, 2021	1166	29
February 10, 2021 - February 16, 2021	1179	13
February 17, 2021 – February 18, 2021	1179	13
February 24, 2021 – February 23, 2021	1191	
March 3, 2021 – March 9, 2021	1195	4 4
March 10, 2021 – March 16, 2021	1200	1
March 17, 2021 – March 23, 2021	1202	2
March 24, 2021 – March 30, 2021	1204	2
March 31, 2021 – April 6, 2021	1204	0
April 7, 2021 – April 13, 2021	1204	0

April 14, 2021 – April 20, 2021	1207	3
April 21, 2021 - April 27, 2021	1207	0
April 28, 2021 – May 4, 2021	1211	4
May 5, 2021 – May 11, 2021	1220	9
May 12, 2021 – May 18, 2021	1221	1
May 19, 2021 – May 25, 2021	1223	2
May 26, 2021 – June 1, 2021	1224	1
June 2, 2021 – June 8, 2021	1228	4
June 9, 2021 – June 15, 2021	1244	16
June 16, 2021 – June 22, 2021	1245	1
June 23, 2021 – June 29, 2021	1246	1
June 30, 2021 – July 6, 2021	1247	1
July 7, 2021 – July 13, 2021	1253	6
July 14, 2021 –July 20, 2021	1258	5
July 21, 2021 – July 27, 2021	1263	5
July 28, 2021 – August 3, 2021	1282	19
August 4, 2021 – August 10, 2021	1294	12
August 11, 2021 – August 17, 2021	1312	18
August 18, 2021 – August 24, 2021	1324	12
August 25, 2021 – August 31, 2021	1339	15
September 1, 2021 – September 7, 2021	1344	5
September 8, 2021 – September 14, 2021	1353	9
September 15, 2021 – September 21, 2021	1355	2
September 2, 2021 – September 28, 2021	1363	8
September 29, 2021 – October 5, 2021	1370	7
October 6, 2021 – October 12, 2021	1395	25
October 13, 2021 – October 19, 2021	1409	14
October 21, 2021 – October 26, 2021	1436	27
October 27, 2021 – November 2, 2021	1465	29
November 3, 2021 – November 9, 2021	1488	23
November 10, 2021 – November 16, 2021	1520	32
November 17, 2021 – November 23, 2021	1544	24
November 24, 2021 – November 30, 2021	1555	11
December 1, 2021 – December 7, 2021	1572	17
December 8, 2021 – December 14, 2021	1585	13
December 15, 2021 – December 21, 2021	1604	19

*Changes due to added cases and reclassification of residence

TONHC COVID-19 Positive Test Results and Absolute Change by Week, 2020-2021

Week (2020-2021)	TONHC Cumulative Positive COVID-19 Test Results	Absolute Change [†] in Positive Test Results from Previous Week
June 24, 2020 – June 30, 2020	153	
July 1, 2020 – July 2, 2020	202	49
July 8, 2020 – July 14, 2020	251	49
July 15, 2020 – July 21, 2020	278	27
July 22, 2020 – July 28, 2020	302	24
July 29, 2020 – August 4, 2020	342	40

August 5, 2020 – August 11, 2020	382	40
August 12, 2020 – August 18, 2020	403	21
August 19, 2020 – August 25, 2020	416	13
August 26, 2020 – September 1. 2020	426	10
September 2, 2020 – September 8, 2020	431	5
September 9, 2020 – September 15, 2020	444	13
September 16, 2020 – September 22, 2020	445	1
September 23, 2020 – September 29, 2020	447	2
September 30, 2020 – October 6, 2020	449	2
October 7, 2020 – October 13, 2020	457	8
October 14, 2020 – October 20, 2020	464	7
October 21, 2020 – October 27, 2020	487	23
October 28, 2020 – November 3, 2020	505	18
November 4, 2020 – November 10, 2020	549	44
November 11, 2020 – November 17, 2020	604	55
November 18, 2020 – November 24, 2020	667	63
November 25, 2020 – December 1, 2020	725	58
December 2, 2020 – December 8, 2020	824	99
December 9, 2020 – December 15, 2020	962	138
December 16, 2020 – December 22, 2020	1066	104
December 23, 2020 – December 29, 2020	1148	82
December 30, 2020 – January 5, 2021	1276	128
January 6, 2021 – January 12, 2021	1409	133
January 13, 2021 – January 19, 2021	1497	88
January 20, 2021 – January 26, 2021	1584	87
January 27, 2021 – February 2, 2021	1630	46
February 3, 2021 – February 9, 2021	1664	34
February 10, 2021 - February 16, 2021	1689	25
February 17, 2021 – February 23, 2021	1706	17
February 24, 2021 – March 2, 2021	1711	5
March 3, 2021 – March 9, 2021	1723	12
March 10, 2021 – March 16, 2021	1729	6
March 17, 2021 – March 23, 2021	1731	2
March 24, 2021 – March 30, 2021	1736	5
March 31, 2021 – April 6, 2021	1739	3
April 7, 2021 – April 13, 2021	1743	4
April 14, 2021 – April 20, 2021	1747	4
April 21, 2021 - April 27, 2021	1748	1
April 28, 2021 – May 4, 2021	1755	7
May 5, 2021 – May 11, 2021	1764	9
May 12, 2021 – May 18, 2021	1765	1
May 19, 2021 – May 25, 2021	1768	3
May 26, 2021 – June 1, 2021	1768	0
June 2, 2021 – June 8, 2021	1774	6
June 9, 2021 – June 15, 2021	1792	18
June 16, 2021 – June 22, 2021	1794	2
June 23, 2021 – June 29, 2021	1798	4

June 30, 2021 – July 6, 2021	1800	2
July 7, 2021 – July 13, 2021	1803	3
July 14, 2021 –July 20, 2021	1810	7
July 21, 2021 – July 27, 2021	1823	13
July 28, 2021 – August 3, 2021	1853	30
August 4, 2021 – August 10, 2021	1878	25
August 11, 2021 – August 17, 2021	1906	28
August 18, 2021 – August 24, 2021	1932	26
August 25, 2021 – August 31, 2021	1965	33
September 1, 2021 – September 7, 2021	1978	13
September 8, 2021 – September 14, 2021	1996	18
September 15, 2021 – September 21, 2021	2005	9
September 2, 2021 – September 28, 2021	2019	14
September 29, 2021 – October 5, 2021	2035	16
October 6, 2021 – October 12, 2021	2075	40
October 13, 2021 – October 19, 2021	2102	27
October 21, 2021 – October 26, 2021	2141	39
October 27, 2021 – November 2, 2021	2183	42
November 3, 2021 – November 9, 2021	2236	53
November 10, 2021 – November 16, 2021	2285	50
November 17, 2021 – November 23, 2021	2333	48
November 24, 2021 – November 30, 2021	2369	36
December 1, 2021 – December 7, 2021	2405	36
December 8, 2021 – December 14, 2021	2422	17
December 15, 2021 – December 21, 2021	2452	30