

Weekly Disease Surveillance Report

2022 Reporting Week 05: January 30 — February 5



This weekly report is produced by the DOH-Okaloosa Epidemiology Section to provide situational awareness to community partners. Data is subject to change as additional information is gathered.

Influenza (Flu) and COVID-19 Continue to Decrease

Much like last week, COVID-19 and influenza-like illness (ILI) activity continues to decrease while the COVID-19 community risk level remains HIGH. Similarly, ILI remains elevated compared to previous flu seasons. As of February 8 in Okaloosa County, 18.2% of all hospital beds and 17.5% of ICU beds were occupied by COVID-19 patients. Of the hospitalized individuals, 44.1% are unvaccinated. Less medical facilities are reporting staffing shortages as the number of cases trend downwards.

On December 27, the CDC [updated the COVID-19 isolation and quarantine recommendations](#) for the general population. Since that time, CDC has provided [background information](#) for reduction of isolation and quarantine timeframes and [further information on quarantine and isolation guidelines](#). [Guidance for managing healthcare personnel](#) with COVID-19 exposure or infection was also updated to enhance protection for staff, patients, and visitors.

COVID-19 Booster Shots and Monoclonal Antibody Resources

The CDC has updated their guidance on COVID-19 [vaccinations](#) and, specifically, [booster](#) shots. Please continue to promote the COVID-19 vaccine as it is highly effective at preventing severe disease and death.

PLEASE NOTE: On [January 24, 2022](#), the U.S. Food and Drug Administration reissued the emergency use authorizations for Eli Lilly's bamlanivimab-etesevimab and Regeneron's REGEN-COV monoclonal antibody therapy treatments, which states that these treatments are not authorized for use in any U.S. state, territory, or jurisdiction at this time. Unfortunately, as a result of this abrupt decision made by the federal government, all state-supported monoclonal antibody therapy treatment sites will be closed until further notice. The full Florida Department of Health press release can be found [here](#).

Contact Us:

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in Okaloosa County**

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COVID-19 Snapshot

Week 05 Review		Difference from Wk04
Resident Case Count	1426	-1271
Resident Case Count per 100K Population	690.8	-615.8
Average Resident Cases per Day	203.7	-181.6
Percent Positivity	28.1%	-5.3

Data Source: Merlin Database

The Florida Department of Health (FDOH) provides the Centers for Disease Control and Prevention (CDC) with county COVID-19 data, including deaths.

Please visit the [COVID-19 Community Profile Report](#) webpage to obtain death data by downloading the most recent excel file and locating Okaloosa on the 'Counties' tab.

For questions related to COVID-19 death data, please contact the FDOH Office of Communications at 850-245-4111 or NewsMedia@flhealth.gov.

Week 05 Community Risk Level		
COVID-19 Community Risk Level	New Cases per 100K Population per Week	% Positivity per Week
HIGH	690.8	28.1%
PREVIOUS WEEK RISK LEVEL: HIGH		
Low	<10	<5%
Moderate	10-49	5-7.9%
Substantial	50-99	8-9.9%
High	>100	>10%

Community risk level is the color of the higher risk level for the two indicators.

Data Source : CDC [Community Indicators at the County Level](#)



COVID-19 Fully
Vaccinated =
No Quarantine

COVID-19 in Okaloosa County

Week 05: January 30 — February 5

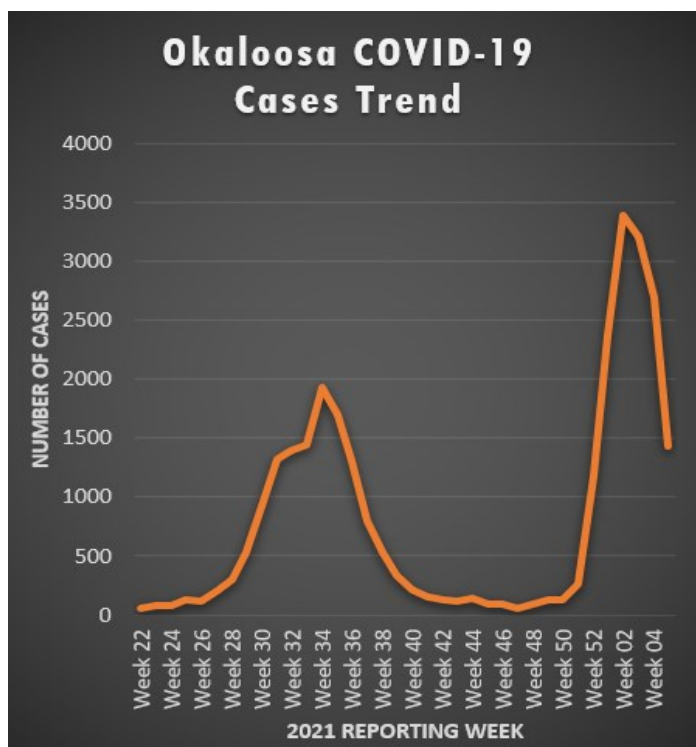


Figure 1: Trend of total COVID-19 cases by week. Data source: Merlin Database

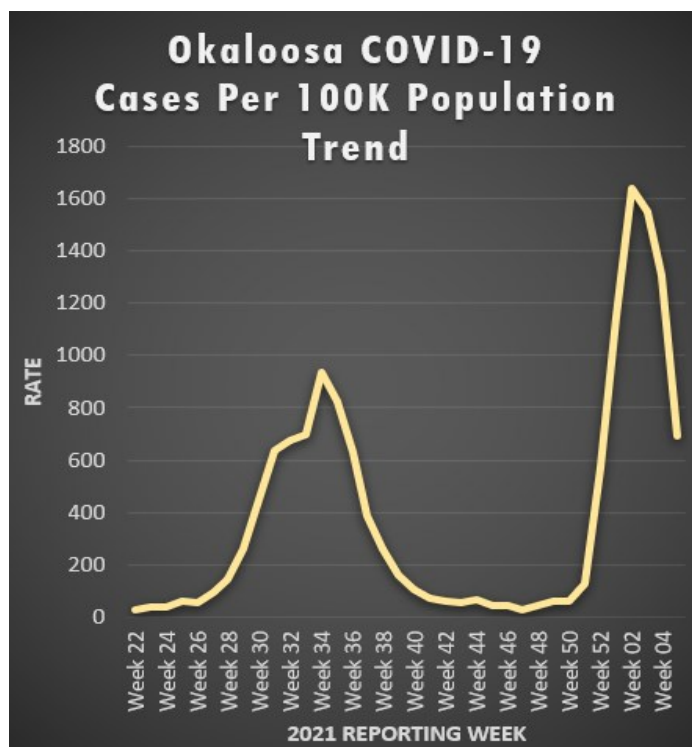


Figure 2: Trend of COVID-19 case rates by week. Data source: Merlin Database

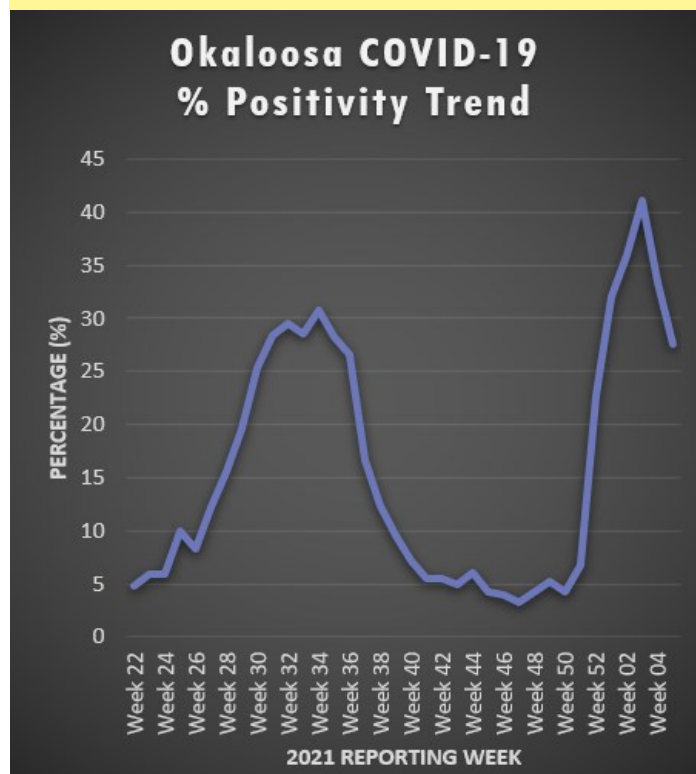


Figure 3: Trend of 7-day moving percent positivity of COVID-19 cases by week. Data source: Merlin Database

COVID-19 Cases by Age Group			
Age Group	Okaloosa Resident Cases since 03/01/21 through Week 05	% by Age Group	Difference from Week 04
0-11	3652	11.8%	+160
12-14	1222	3.9%	+41
15-24	4693	15.1%	+172
25-44	11173	36.0%	+495
45-64	7179	23.1%	+350
65-74	1917	6.2%	+120
75-84	851	2.7%	+62
85+	373	1.2%	+26
Unknown	5	0.0%	0
Total	31065	100%	+1426

Data Source: Merlin Database



COVID-19 Fully
Vaccinated =
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COVID-19 in Okaloosa County

Week 05: January 30 — February 5

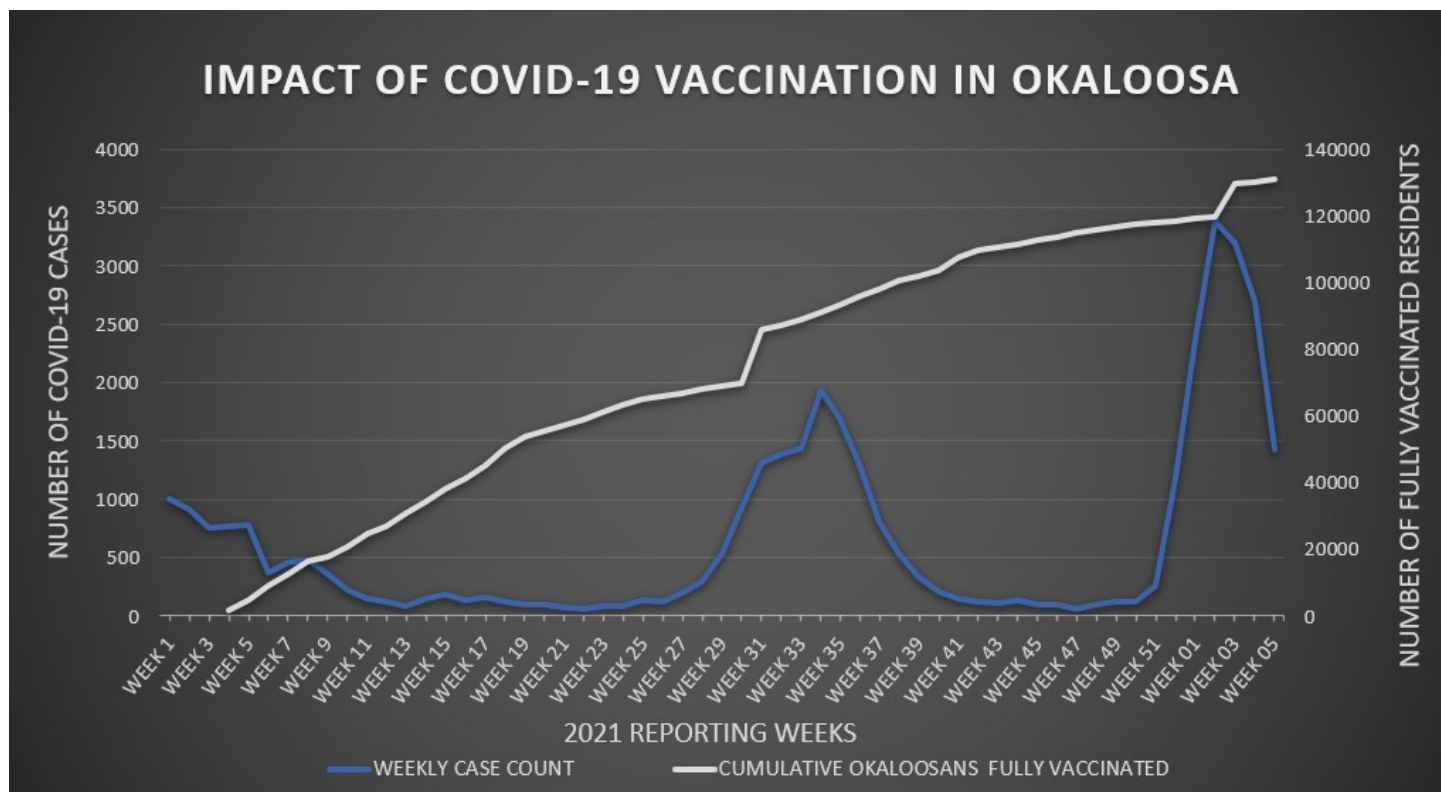


Figure 4: Cumulative number of fully vaccinated Okaloosa residents as compared to COVID-19 cases per week. Data reported through previous Sunday.
Data Source: Merlin & CDC [COVID Data Tracker](#)

VACCINATION DATA RESOURCE

The CDC COVID Data Tracker presents county level vaccination data that includes vaccinations from:

- FL SHOTS, including FL Department of Health, retail pharmacies, & long-term care facilities,
- Participants in the Federal Dialysis Center Program,
- Health Resources & Services Administration partner sites, &
- Federal entities such as Department of Defense, Veterans Health Administration, Indian Health Service, & Bureau of Prisons.

Percentage of Breakthrough Infection
in Fully-Vaccinated Individuals:

5.43%

Data Source: Merlin & CDC [COVID Data Tracker](#)

COVID-19 VACCINATIONS

Fully-Vaccinated Groups	OKALOOSA	US
% of Population ≥ 5 Years of Age	66.4%	68.1%
% of Population ≥ 12 Years of Age	72.3%	72.7%
% of Population ≥ 18 Years of Age	75.1%	74.3%
% of Population ≥ 65 Years of Age	94.3%	88.4%

Data reported through previous Sunday. Data Source: CDC [COVID Data Tracker](#)



Influenza-Like Illness

Week 05: January 30 — February 5

Influenza-like Illness (ILI) is defined as fever greater than or equal to 100°F AND cough and/or sore throat in the absence of another known cause.

Percent ILI Year to Year Comparison

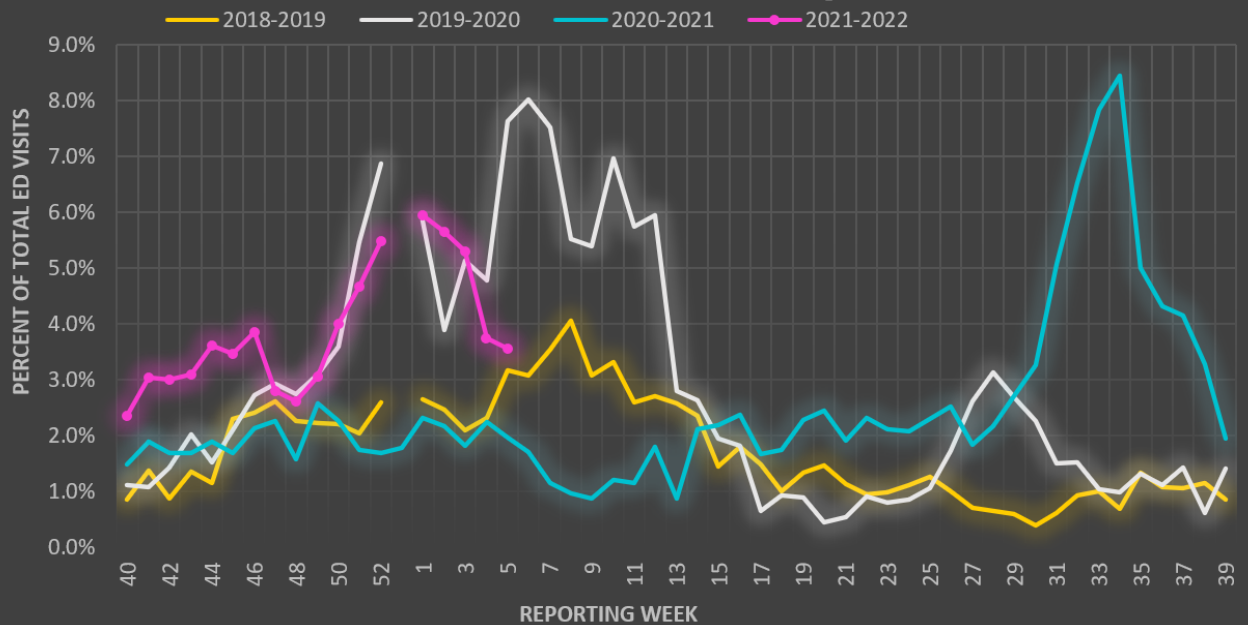


Figure 5:

Annual comparison of the percent of all hospital ED visits due to ILI for Okaloosa County for the 2018-19, 2019-20, 2020-21, and 2021-22 influenza seasons by week.

Data source: ESSENCE

ANALYSIS: During Week 05, flu reporting partners and ESSENCE (a syndromic surveillance system) reported a decrease in ILI activity for Okaloosa County. The percentage of ILI ED visits in Okaloosa County decreased from 3.74% during Week 04 to 3.56% during Week 05. Flu partners reported no positive rapid influenza tests this week. Over the past three weeks, 19 out of 244 influenza specimens submitted to the state lab were positive (19 Influenza A unspecified). There were no ILI admissions, outbreaks, or deaths reported this week. The percentage of total ILI ED visits for Week 05 is higher than that of Week 05 last year.

Note: Other respiratory syndromes can be represented by increased ILI case numbers. Data Source: ESSENCE

% ILI by Age Group Week 05, 2022

Age Range	ILI Visits	Total ED Visits	% Total ILI Visits
0-4	11	129	8.53%
5-19	11	221	4.98%
20-34	19	444	4.28%
35-54	13	450	2.89%
55-74	13	520	2.50%
75+	7	313	2.24%

Data Source: ESSENCE

% of Total ILI Visits by Facility Week 05, 2022

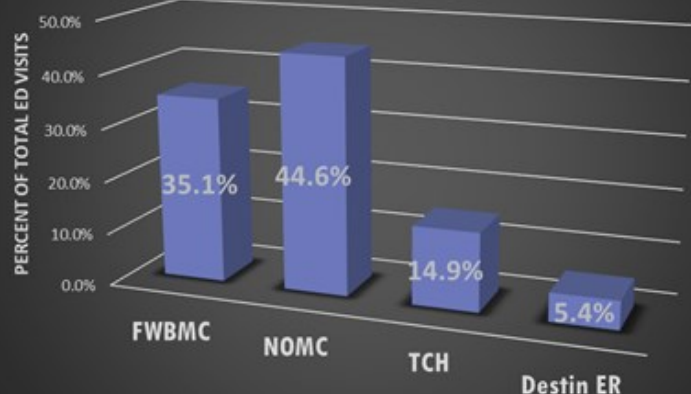


Figure 6: Hospital ED visits meeting ILI criteria stratified by facility. Percentages calculated based on total number of ILI ED visits. (n=74). Data source: ESSENCE



Syndromic Surveillance

Week 05: January 30 — February 5

Total ED Visits by Syndrome

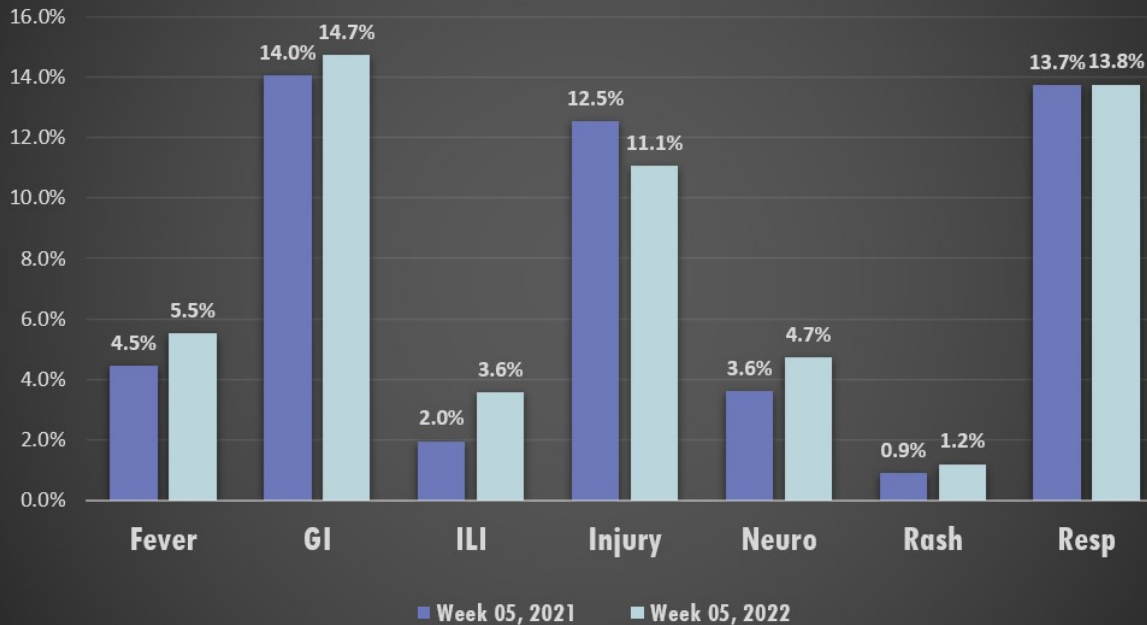


Figure 7: Hospital Emergency Department (ED) visits from 2022 Week 05 by select syndrome category. Percentages calculated based on total number of ED visits (n=2079). Some syndrome categories are not represented; therefore, represented percentages will not total 100%.

Data source: ESSENCE

Fort Walton Beach Medical Center ED Presentations



Week 05—Fort Walton Beach Medical Center

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	29
5-19	GI	24
20-34	GI	37
35-54	GI	39
55-74	GI	32
75+	NEURO	19

North Okaloosa Medical Center ED Presentations



Week 05—North Okaloosa Medical Center

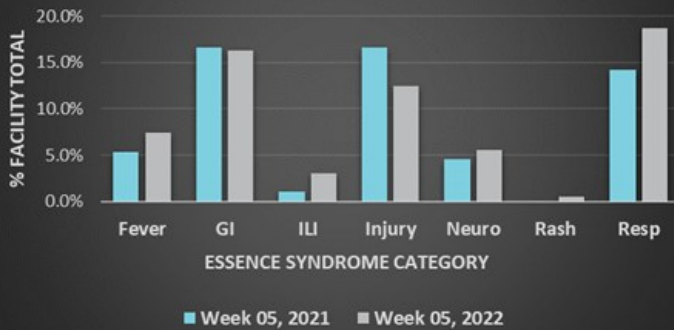
Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	5
5-19	INJURY	10
20-34	GI	20
35-54	GI	18
55-74	RESP	24
75+	RESP	15



Syndromic Surveillance

Week 05: January 30 — February 5

Twin Cities Hospital ED Presentations



Week 05—Twin Cities Hospital

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER, RESP	5, 5
5-19	FEVER, RESP	7, 7
20-34	GI	13
35-54	GI, RESP	17, 17
55-74	RESP	19
75+	RESP	12

DestinER ED Presentations



Week 05—Destin ER

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	3
5-19	RESP	5
20-34	GI	3
35-54	GI, NEURO, RASH	2, 2, 2
55-74	INJURY	7
75+	INJURY, RESP	3, 3

Week 05—Okaloosa County

Age Group	Top Syndrome
0-4	FEVER
5-19	GI
20-34	GI
35-54	GI
55-74	RESP
75+	RESP



Data Source: ESSENCE