

# Weekly Disease Surveillance Report



## 2021 Reporting Week 29 : July 18 – July 24

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.

### Okaloosa COVID-19 Surge—Get Vaccinated!

COVID-19 cases continue to surge and community transmission risk is HIGH for the third week in a row. The percent of all COVID-19 tests that are positive is at a level we have not seen since the major surge last December 2020 – January 2021.

With the introduction of the COVID-19 vaccines in December 2020, we began to see a shift in the age groups of people getting sick from COVID-19. With persons 65+ years having a “fully vaccinated” rate of 77.7%, fewer cases of COVID-19 are occurring in this age range. Since March 1, 2021, less than 10% of new COVID-19 cases have occurred in the 65+ age group, while nearly 40% of all new COVID-19 cases have occurred to people 25-44 years of age followed by individuals 45-64 years old at 23.5%.

#### Want to help put a stop to this current surge? Get vaccinated!

COVID-19 vaccines are **HIGHLY EFFECTIVE** and **SAFE**. Millions of doses have been given around the world safely. COVID-19 vaccines are free to all persons 12 years and older. Once fully vaccinated, persons with exposure to a case of COVID-19 who are well WILL NOT QUARANTINE and will continue to be able to go to work, school, and other community activities.

While this vaccine is extraordinary at its effectiveness for an individual, the protective effect of vaccines works best when all who are eligible get vaccinated, providing a blanket of protection around those who can't get vaccinated or those whose immune systems are weakened due to serious illness. In Okaloosa County, this includes 31,000+ children who are currently not eligible for the vaccine and nearly 6,000 people with weakened immune systems. Protect yourself and your family, friends, and neighbors — Make a plan to get vaccinated next week!

### Contact Us:

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## COVID-19 Snapshot

Week 29 Review		Difference from Wk28
Resident Case Count	531	+227
Resident Case Count per 100K Population	257.3	+110
Average Resident Cases per Day	75.9	+32.5
Percent Positivity	19.3%	+3.8
Deaths	1	-2
Cumulative Cases March 2020 - Feb 2021	18900	
Cumulative Cases March 2021 - Present	3531	
Cumulative Deaths March 2020 - Feb 2021	327	
Cumulative Deaths March 2021 - Present	53	

Data Source: Merlin Database

Week 29 Community Risk Level		
COVID-19 Community Risk Level	New Cases per 100K Population per Week	% Positivity per Week
<b>HIGH</b>	<b>257.3</b>	<b>19.3%</b>
<b>PREVIOUS WEEK RISK LEVEL: HIGH</b>		
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 29: July 18 - July 24

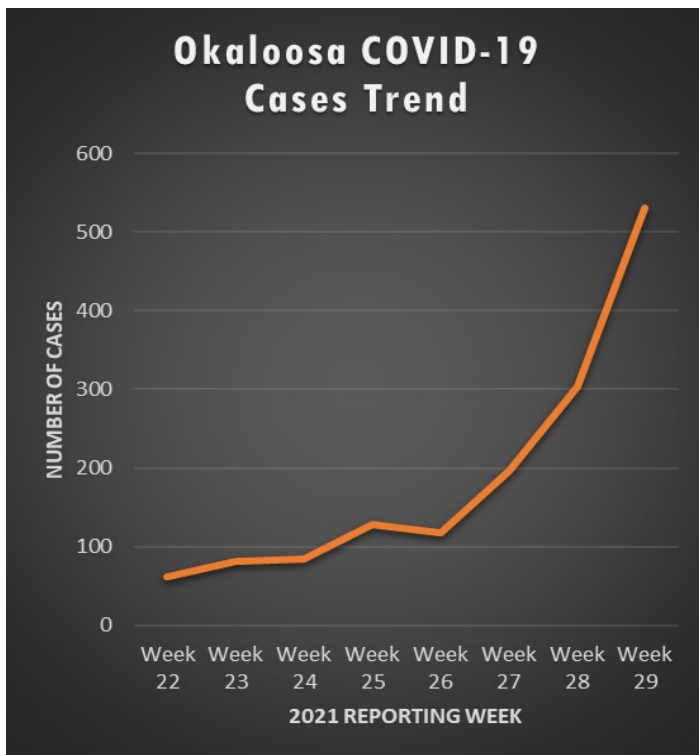


Figure 1: Trend of total COVID-19 cases by week. Data source: Merlin Database

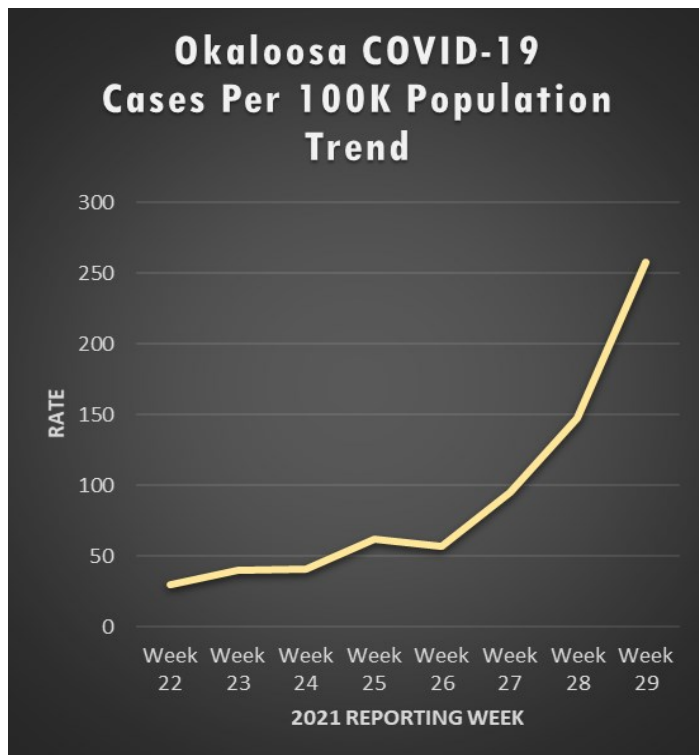


Figure 2: Trend of COVID-19 case rates by week. Data source: Merlin Database

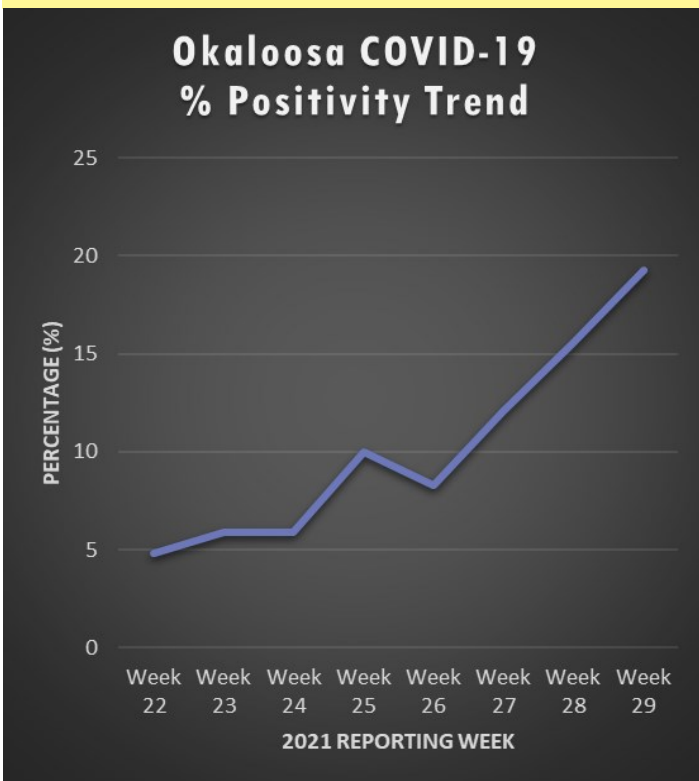


Figure 3: Trend of 7-day moving percent positivity of COVID-19 cases by week. Data source: Merlin Database

COVID-19 Cases by Age Group			
Age Group	Okaloosa Resident Cases since 03/01/21 through Week 29	% by Age Group	Difference from Week 28
0-11	259	7.5%	+34
12-14	85	2.5%	+14
15-24	589	17.2%	+72
25-44	1361	39.7%	+238
45-64	805	23.5%	+125
65-74	214	6.2%	+32
75-84	73	2.1%	+8
85+	46	1.3%	+8
<b>Total</b>	<b>3432</b>	<b>100%</b>	<b>531</b>

Data Source: Merlin Database



COVID-19 Fully Vaccinated = No Quarantine

# COVID-19 in Okaloosa County

Week 28: July 18 - July 24

## IMPACT OF COVID-19 VACCINATION IN OKALOOSA

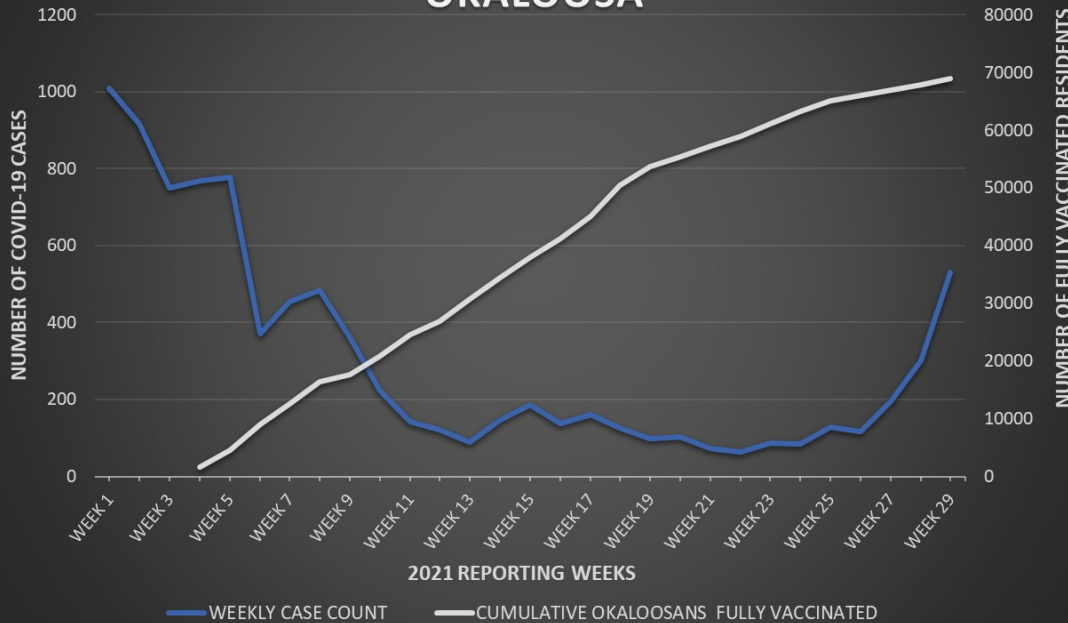


Figure 4:

Cumulative number of fully vaccinated Okaloosa residents as compared to COVID-19 cases per week. Data reported through previous Sunday.

Data Source: Merlin Database

**PERCENT OF BREAKTHROUGH INFECTION IN FULLY-VACCINATED CASES:**

**0.11%**

**PERCENT OF DEATHS IN FULLY-VACCINATED CASES:**

**0%**

## Vaccination Impact in Okaloosa

### Fully Vaccinated Okaloosa Residents by Age Group

Age Group	# Fully Vaccinated	% of Age Group Fully Vaccinated
12-14	816	11.0%
15-24	4842	19.5%
25-44	13867	23.6%
45-64	23463	46.8%
65-74	15040	75.7%
75-84	7950	77.9%
85 +	2903	80.9%
<b>Total 12+</b>	<b>68881</b>	<b>39.4%</b>

Data Source: Merlin Database

### COVID-19 Vaccinations: Okaloosa vs. US

	OKALOOSA	US
% of Population ≥ 12 Years of Age	39.4%	57.6%
% of Population ≥ 65 Years of Age	77.7%	79.8%

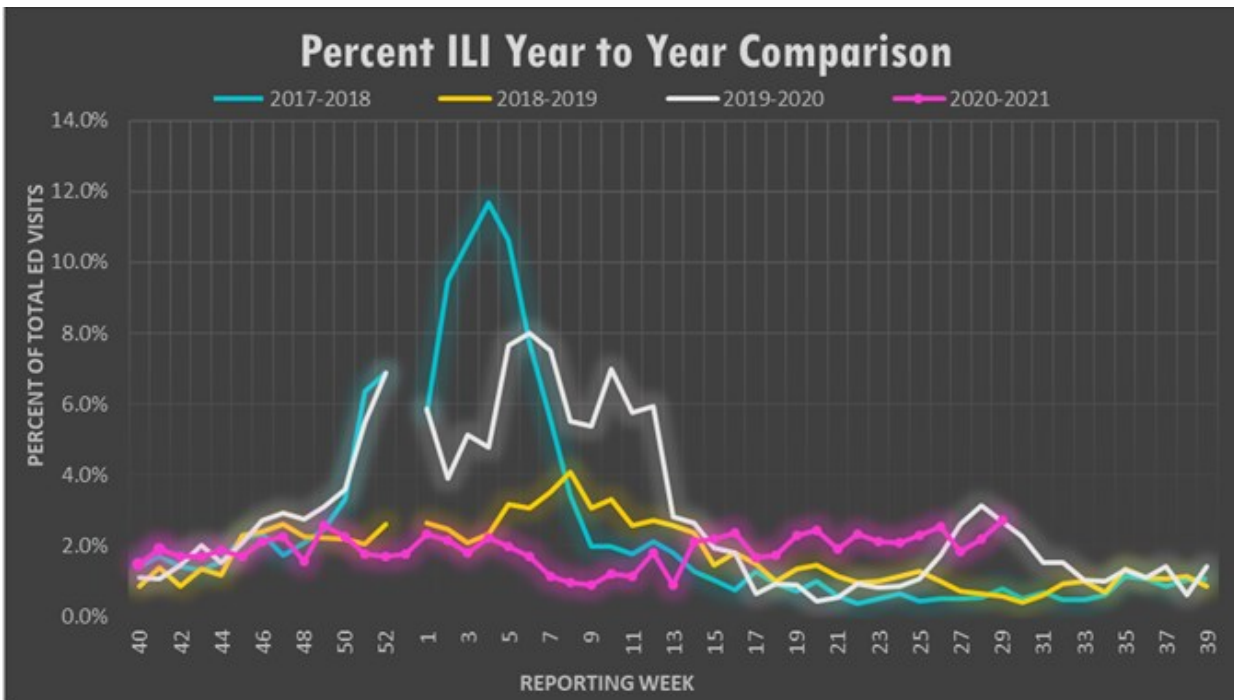
Data reported through previous Sunday. Data Source: CDC [COVID Data Tracker](#)



# Influenza-Like Illness

Week 29: July 18 - July 24

**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.



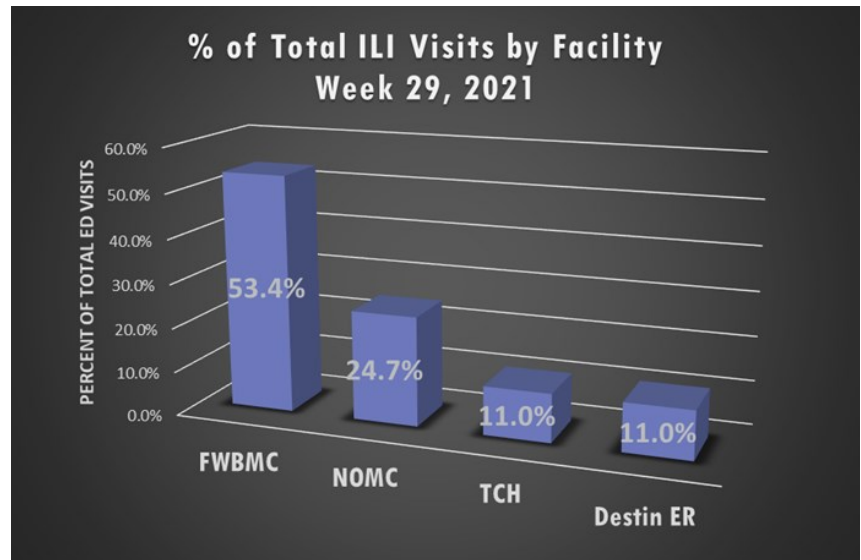
**Figure 5:** Annual comparison of the percent of all hospital ED visits due to ILI for Okaloosa county for the 2017-18, 2018-19, 2019-20, and 2020-21 influenza seasons by week. Data source: ESSENCE

**ANALYSIS:** During Week 29, flu reporting partners and ESSENCE (a syndromic surveillance system) reported an increase in ILI activity for Okaloosa County. The percentage of ILI ED visits in Okaloosa County increased from 2.18% during Week 28 to 2.70% during Week 29. Flu partners reported one positive rapid influenza test this week. Over the past three weeks, three out of 63 influenza specimens submitted to the state lab were positive (3 Influenza B unspecified). There was one reported ILI admission. No outbreaks or deaths were reported this week. The percentage of total ILI ED visits for Week 29 is higher than that of Week 29 last year.

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

% ILI by Age Group Week 29, 2021			
Age Range	ILI Visits	Total ED Visits	% Total ILI Visits
0-4	30	239	12.55%
5-19	7	307	2.28%
20-34	17	612	2.78%
35-54	11	696	1.58%
55-74	6	595	1.01%
75+	2	248	0.81%

Data Source: ESSENCE



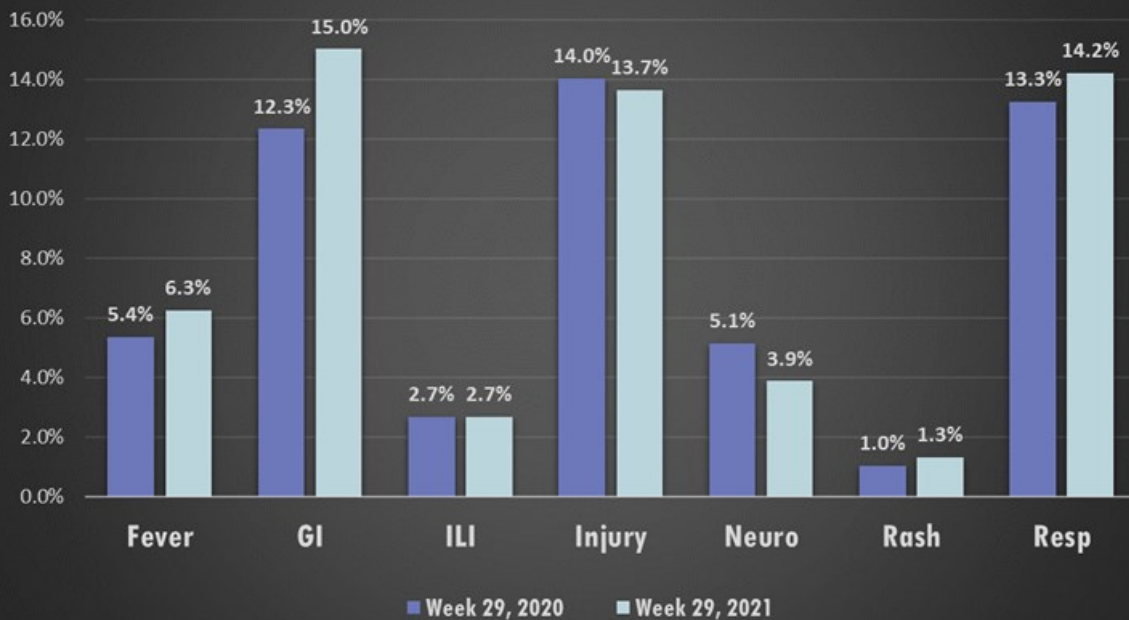
**Figure 6:** Hospital ED visits meeting ILI criteria stratified by facility. Percentages calculated based on total number of ILI ED visits. (n=73). Data source: ESSENCE



# Syndromic Surveillance

Week 29: July 18 - July 24

## Total ED Visits by Syndrome



**Figure 7:** Hospital Emergency Department (ED) visits from 2021 Week 29 by select syndrome category. Percentages calculated based on total number of ED visits (n=2703). Some syndrome categories are not represented; therefore, represented percentages will not total 100%.

Data source: ESSENCE

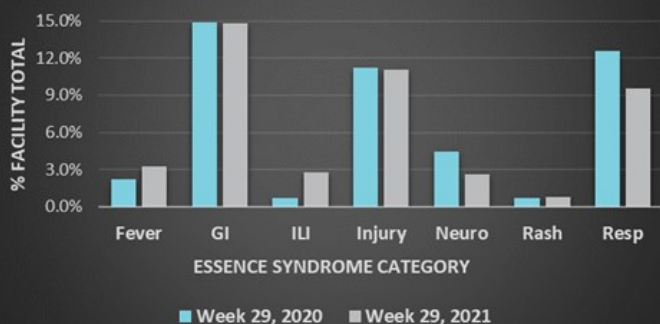
### Fort Walton Beach Medical Center ED Presentations



### Week 29—Fort Walton Beach Medical Center

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	46
5-19	INJURY	28
20-34	GI	50
35-54	INJURY	55
55-74	GI	48
75+	INJURY	20

### North Okaloosa Medical Center ED Presentations



### Week 29—North Okaloosa Medical Center

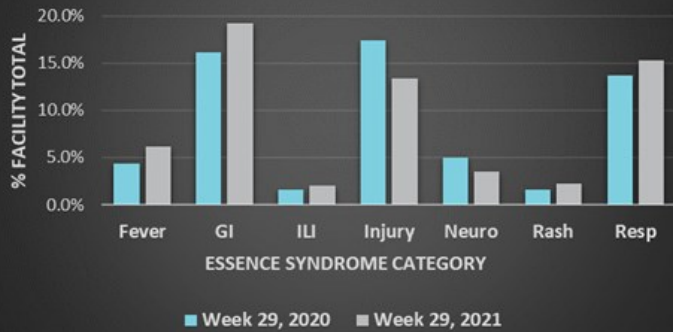
Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	12
5-19	GI	14
20-34	INJURY	24
35-54	GI	20
55-74	GI	31
75+	INJURY	7



# Syndromic Surveillance

Week 29: July 18 - July 24

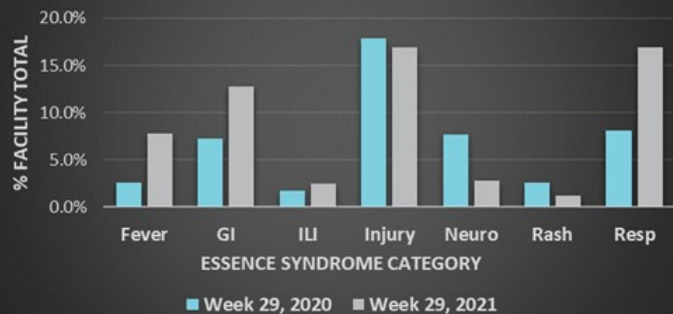
## Twin Cities Hospital ED Presentations



## Week 29—Twin Cities Hospital

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	5
5-19	GI	8
20-34	GI	18
35-54	GI	23
55-74	GI	19
75+	RESP	11

## DestinER ED Presentations



## Week 29—DestinER

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	19
5-19	INJURY	16
20-34	RESP	11
35-54	INJURY	18
55-74	GI	5
75+	RESP	3

## Week 29—Okaloosa County

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

Data Source: ESSENCE

