

Weekly Disease Surveillance Report



2021 Reporting Week 45: November 7 — November 13

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 Trends Favorable

Influenza-like illness (ILI) activity in Okaloosa has plateaued this week at 3.47%. ILI continues to trend higher than our normal numbers, but this plateau is nearing usual numbers at this time. Providers are encouraged to review CDC's [Seasonal Influenza Vaccination Resources for Health Professionals](#) for counseling on co-administration of COVID-19 and flu vaccines, patient education, and the 2021-22 flu vaccine composition.

Okaloosa COVID-19 trends showed a welcomed decrease during Week 45. The positivity rate and number of COVID-19 cases decreased for the week, dropping the community risk level to MODERATE. COVID-19 vaccinations continue to show positive trends with fully-vaccinated Okaloosans currently at 63.1% (112,754 individuals). The COVID-19 vaccine is highly effective at preventing severe disease and death.

COVID-19 Booster Shots and Monoclonal Antibody Resources

On October 21, 2021, the [CDC Expanded Eligibility for COVID-19 Booster Shots](#). The CDC recommends that certain people are now eligible to receive a COVID-19 **booster** shot, including those who received Moderna and J&J/Janssen COVID-19 vaccines.

Additionally, CDC continues to recommend that [moderately and severely immunosuppressed people](#) who completed either the Moderna or Pfizer vaccine series get a **third dose** of the same mRNA vaccine at least 28 days after the second dose as they may not build the same level of immunity to 2-dose vaccine series compared to people who are not immunocompromised.

FREE [Monoclonal Antibody Treatments](#) are available in Okaloosa for use in adult and pediatric patients (12 and older) who have either been diagnosed or exposed to someone with COVID-19 and are at high risk for progression to severe illness, hospitalization, or death from COVID-19. Please follow the link for all locations.

Contact Us:

**Florida Department of Health
in Okaloosa County**

Epidemiology Section

**24/7 Disease Reporting:
850-833-9065**

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850-833-7577**

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COVID-19 Snapshot

Week 45 Review		Difference from Wk44
Resident Case Count	94	-42
Resident Case Count per 100K Population	45.5	-20.4
Average Resident Cases per Day	13.4	-6
Percent Positivity	4.3%	-1.7%

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 45 Community Risk Level		
COVID-19 Community Risk Level	New Cases per 100K Population per Week	% Positivity per Week
MODERATE	45.5	4.3%
PREVIOUS WEEK RISK LEVEL: SUBSTANTIAL		
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 45: November 7 - November 13

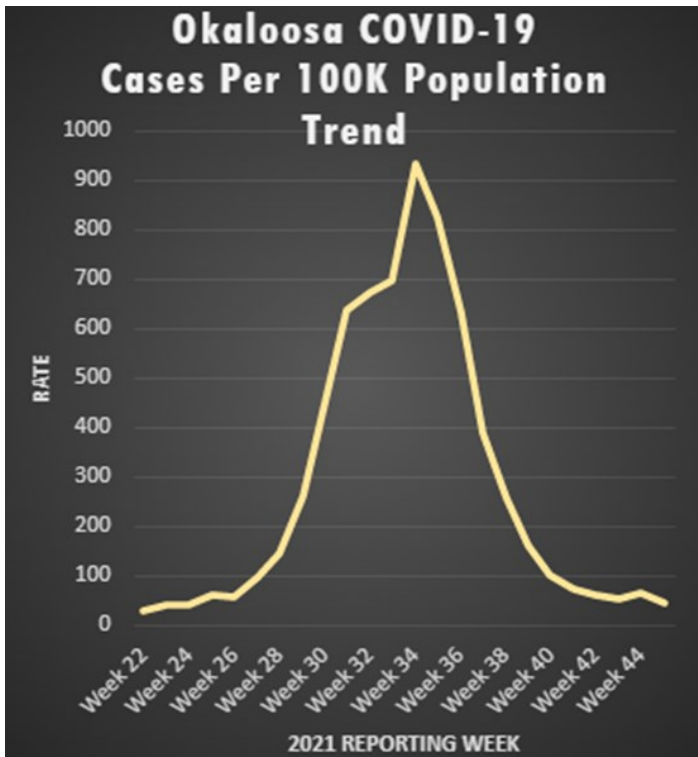


Figure 1: Trend of total COVID-19 cases by week. Data source: Merlin Database

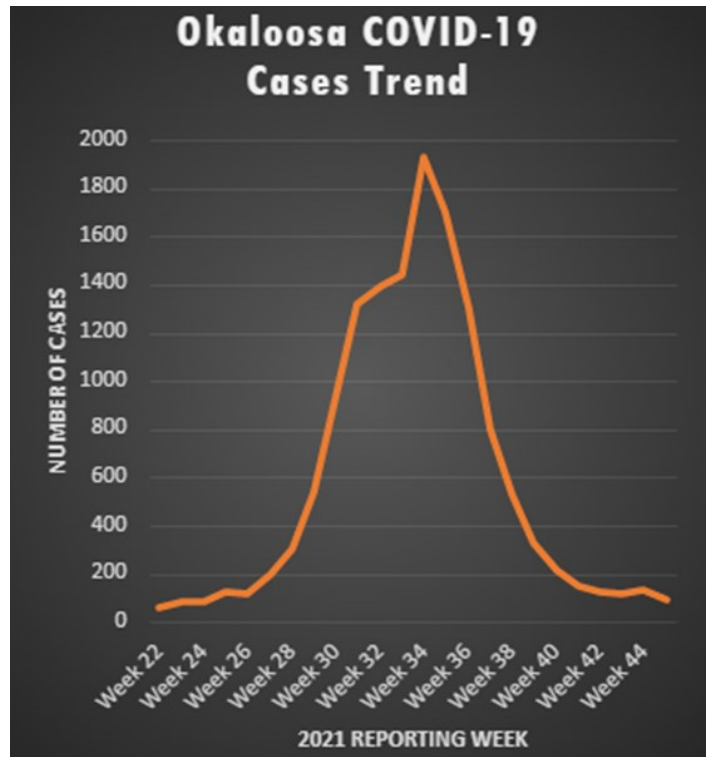


Figure 2: Trend of COVID-19 case rates by week. Data source: Merlin Database

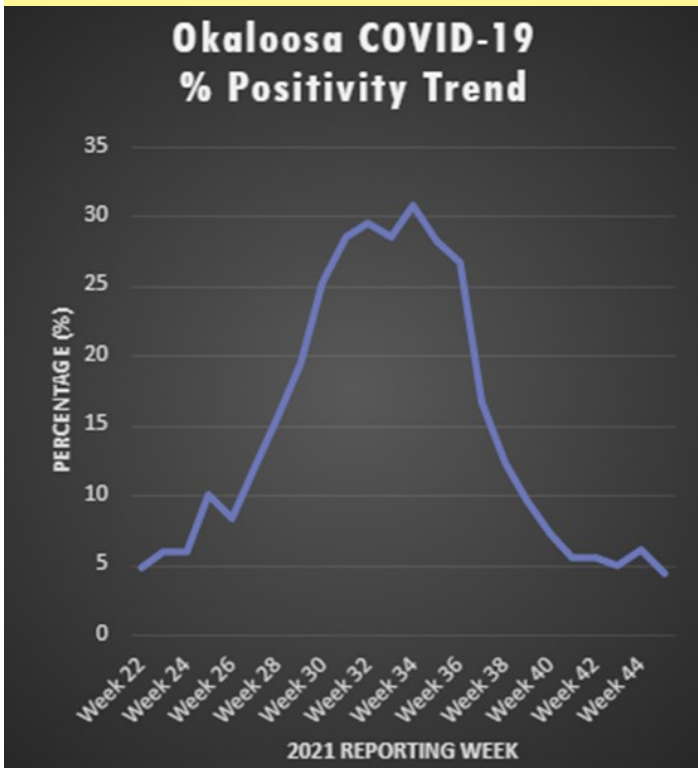


Figure 3: Trend of 7-day moving percent positivity of COVID-19 cases by week. Data source: Merlin Database

COVID-19 Cases by Age Group			
Age Group	Okaloosa Resident Cases since 03/01/21 through Week 45	% by Age Group	Difference from Week 44
0-11	2051	12.9%	+13
12-14	708	4.5%	+1
15-24	2448	15.4%	+14
25-44	5427	34.1%	+29
45-64	3659	23.0%	+21
65-74	977	6.1%	+10
75-84	407	2.6%	+3
85+	213	1.3%	+3
Unknown	6	0.0%	0
Total	15896	100%	+94

Data Source: Merlin Database



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COVID-19 in Okaloosa County

Week 45: November 7 - November 13

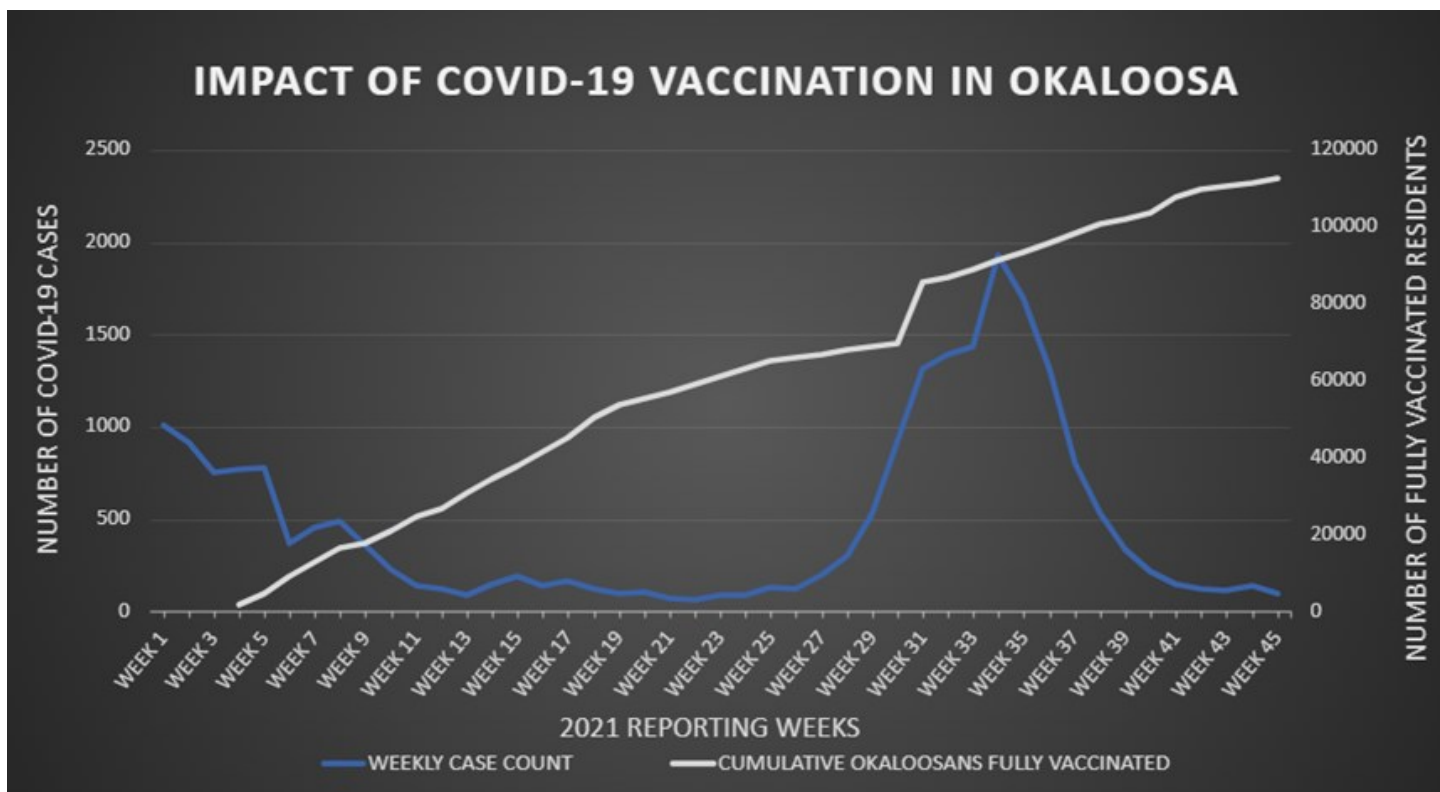


Figure 4: Cumulative number of fully vaccinated Okaloosa residents as compared to COVID-19 cases per week. Data reported through previous Sunday.
Data Source: Merlin & CDC [COVID Data Tracker](#)

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, and long-term care facilities,
- Dialysis centers participating in the Federal Dialysis Center Program,
- Health Resources and Services Administration partner sites, and
- Federal entities such as Department of Defense, Veterans Health Administration, Indian Health Service and Bureau of Prisons.

Percentage of
Breakthrough
Infection in
Fully-Vaccinated
Individuals:

1.33%

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

COVID-19 VACCINATIONS

Fully-Vaccinated Groups	OKALOOSA	US
% of Population ≥ 12 Years of Age	63.1%	68.8%
% of Population ≥ 18 Years of Age	65.7%	70.5%
% of Population ≥ 65 Years of Age	89.7%	86.0%

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



Influenza-Like Illness

Week 45: November 7 - November 13

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.

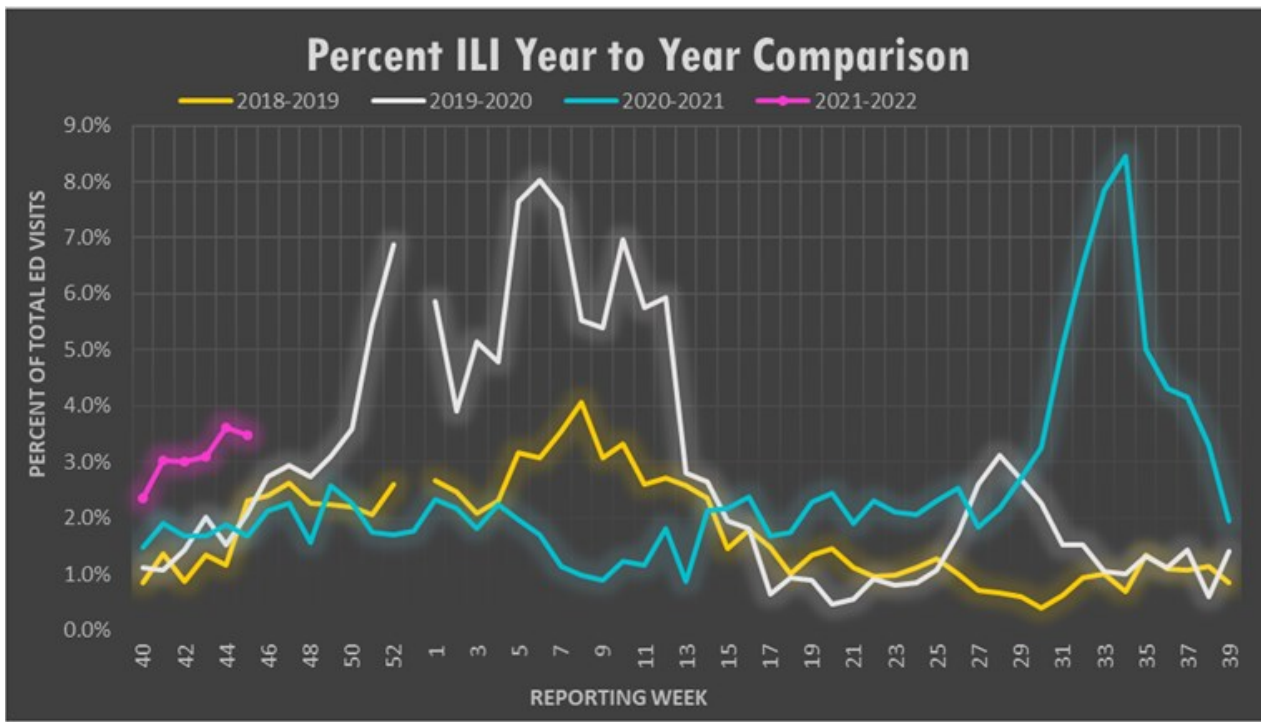


Figure 5: Annual comparison of the percent of all hospital ED visits due to ILI for Okaloosa county for the 2017-18, 2018-19, 2019-20, and 2020-21 influenza seasons by week. Data source: ESSENCE

ANALYSIS: During Week 45, flu reporting partners and ESSENCE (a syndromic surveillance system) reported a plateau in ILI activity for Okaloosa County. The percentage of ILI ED visits in Okaloosa County decreased slightly from 3.61% during Week 44 to 3.47% during Week 45. Flu partners reported no positive rapid influenza tests this week. Over the past three weeks, 14 out of 135 influenza specimens submitted to the state lab were positive (4 Influenza A unspecified, 10 Influenza B unspecified). There were no ILI admissions, outbreaks, or deaths reported this week. The percentage of total ILI ED visits for Week 45 is higher than that of Week 45 last year.

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

% ILI by Age Group Week 45, 2021			
Age Range	ILI Visits	Total ED Visits	% Total ILI Visits
0-4	25	171	14.62%
5-19	20	276	7.25%
20-34	12	408	2.94%
35-54	5	471	1.06%
55-74	6	440	1.36%
75+	2	246	0.81%

Data Source: ESSENCE

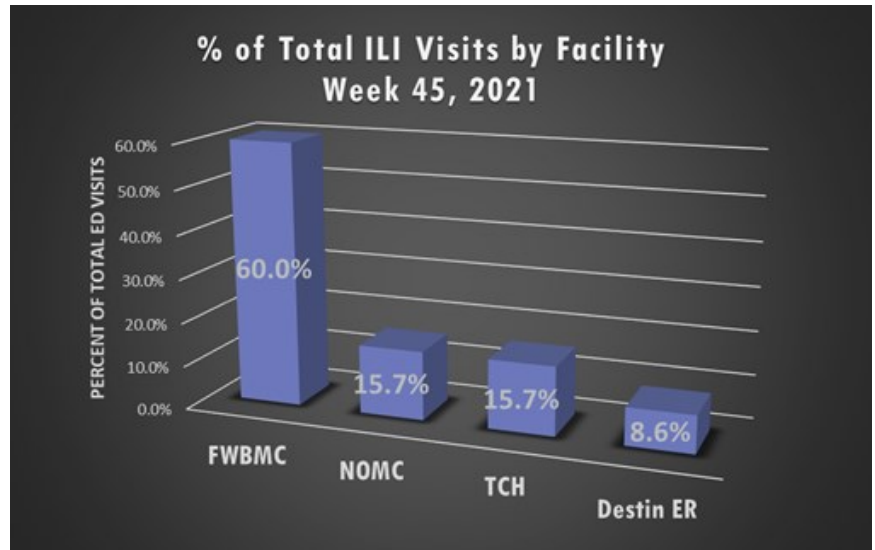


Figure 6: Hospital ED visits meeting ILI criteria stratified by facility. Percentages calculated based on total number of ILI ED visits. (n=70). Data source: ESSENCE



Syndromic Surveillance

Week 45: November 7 - November 13

Total ED Visits by Syndrome

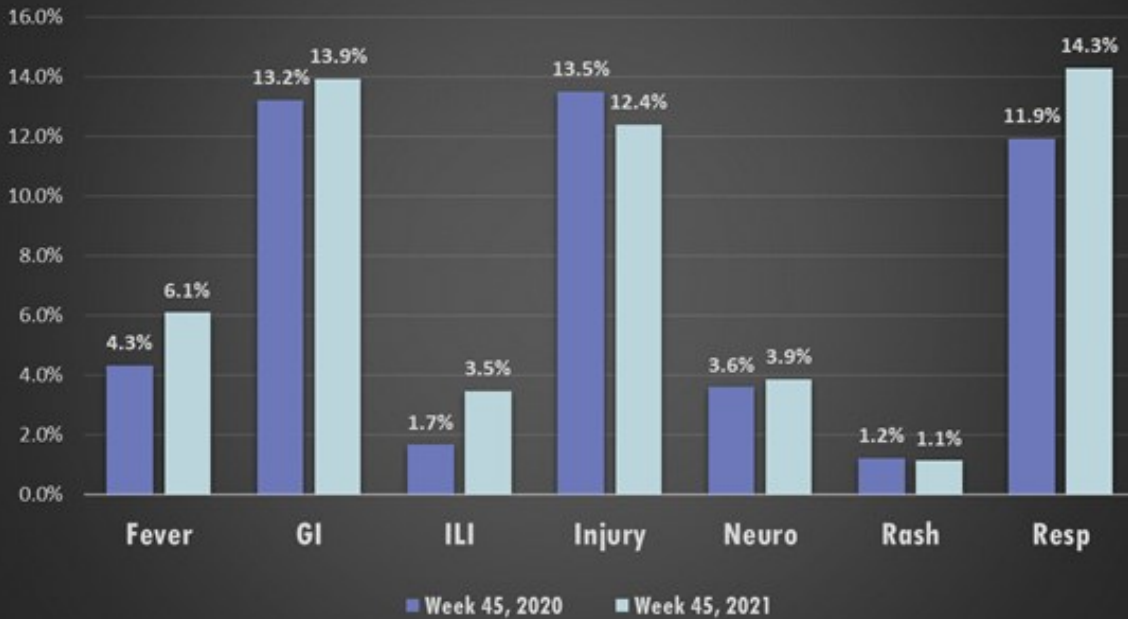
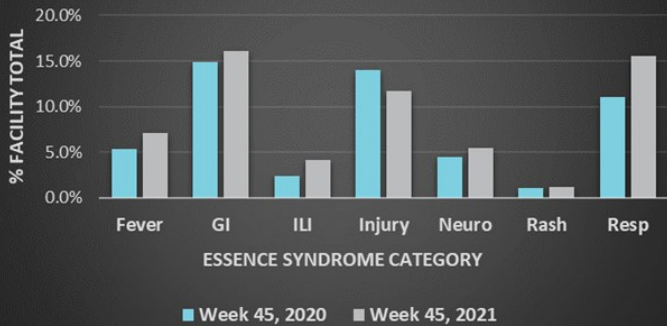


Figure 7: Hospital Emergency Department (ED) visits from 2021 Week 45 by select syndrome category. Percentages calculated based on total number of ED visits (n=2017). Some syndrome categories are not represented; therefore, represented percentages will not total 100%.

Data source: ESSENCE

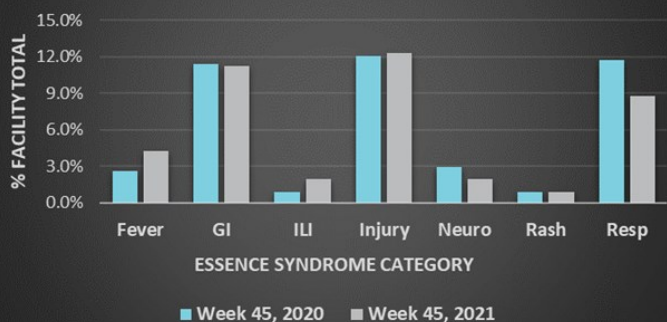
Fort Walton Beach Medical Center ED Presentations



Week 45—Fort Walton Beach Medical Center

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	32
5-19	RESP	33
20-34	GI	44
35-54	INJURY	32
55-74	GI	34
75+	INJURY	17

North Okaloosa Medical Center ED Presentations



Week 45—North Okaloosa Medical Center

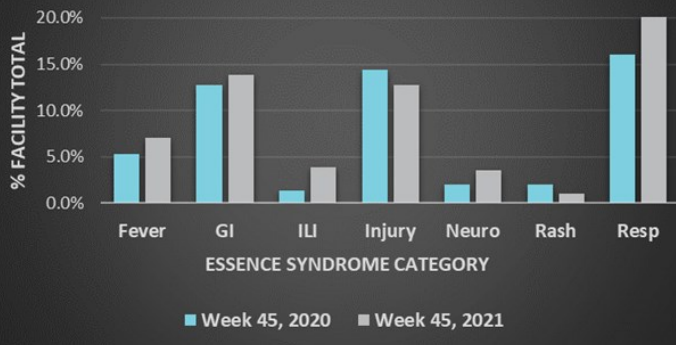
Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	10
5-19	INJURY	13
20-34	INJURY	18
35-54	INJURY	14
55-74	GI	24
75+	RESP	12



Syndromic Surveillance

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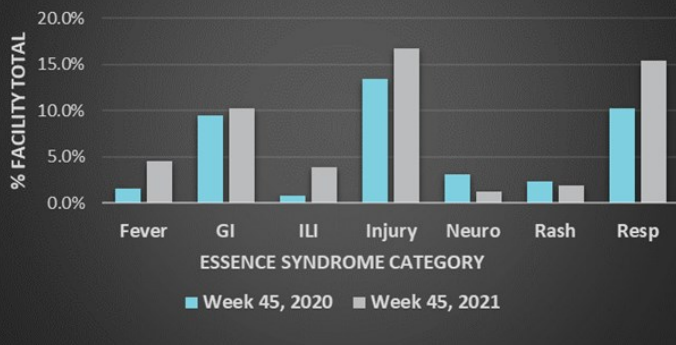
Twin Cities Hospital ED Presentations



Week 45—Twin Cities Hospital

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	6
5-19	RESP	13
20-34	RESP	9
35-54	GI	12
55-74	GI, RESP	14, 14
75+	RESP	7

DestinER ED Presentations



Week 45—DestinER

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER, RESP	4, 4
5-19	RESP	6
20-34	INJURY	4
35-54	INJURY	8
55-74	INJURY	7
75+	RESP	7

Week 45—Okaloosa County

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



Data Source: ESSENCE