

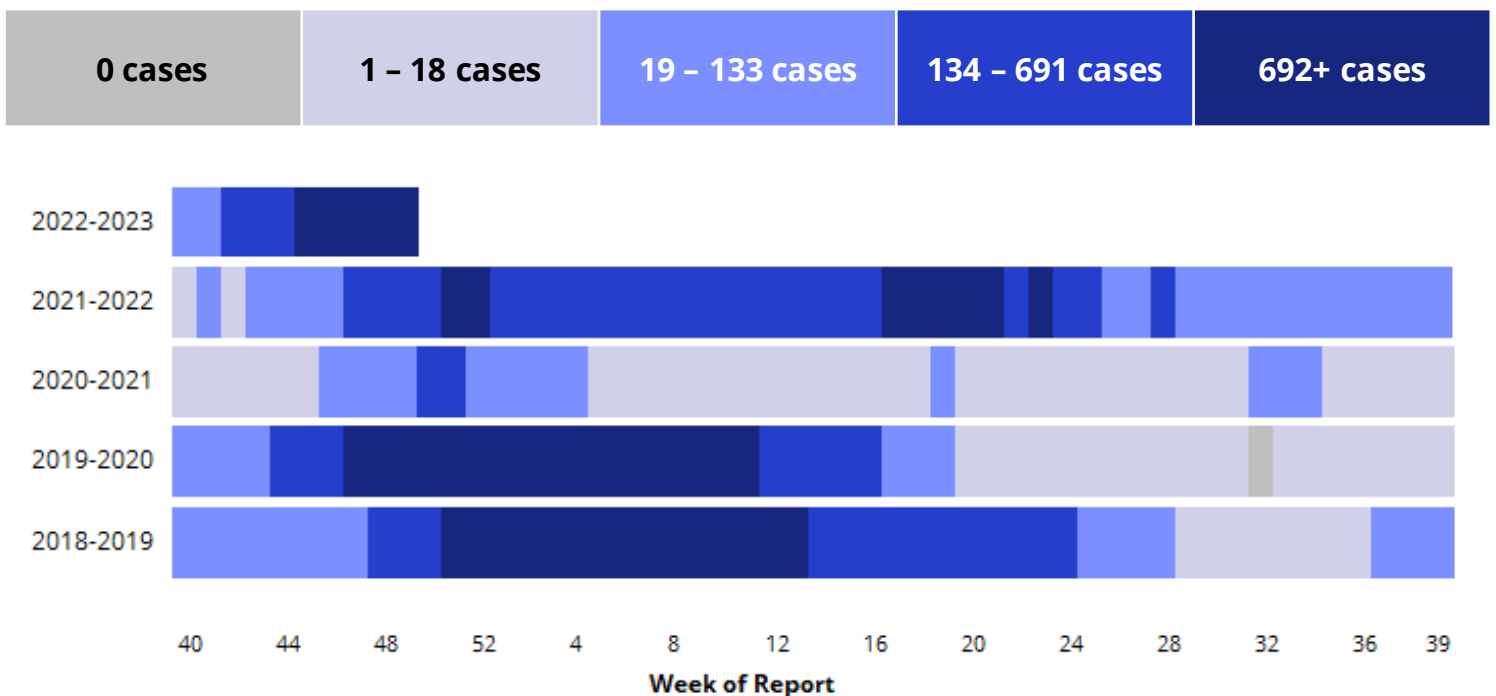
**2022–2023 Influenza Season (10/2/2022 – 9/30/2023)**

Please see the [interactive influenza dashboard](#) for more details on current and past seasons in Arizona.

### Influenza & RSV synopsis

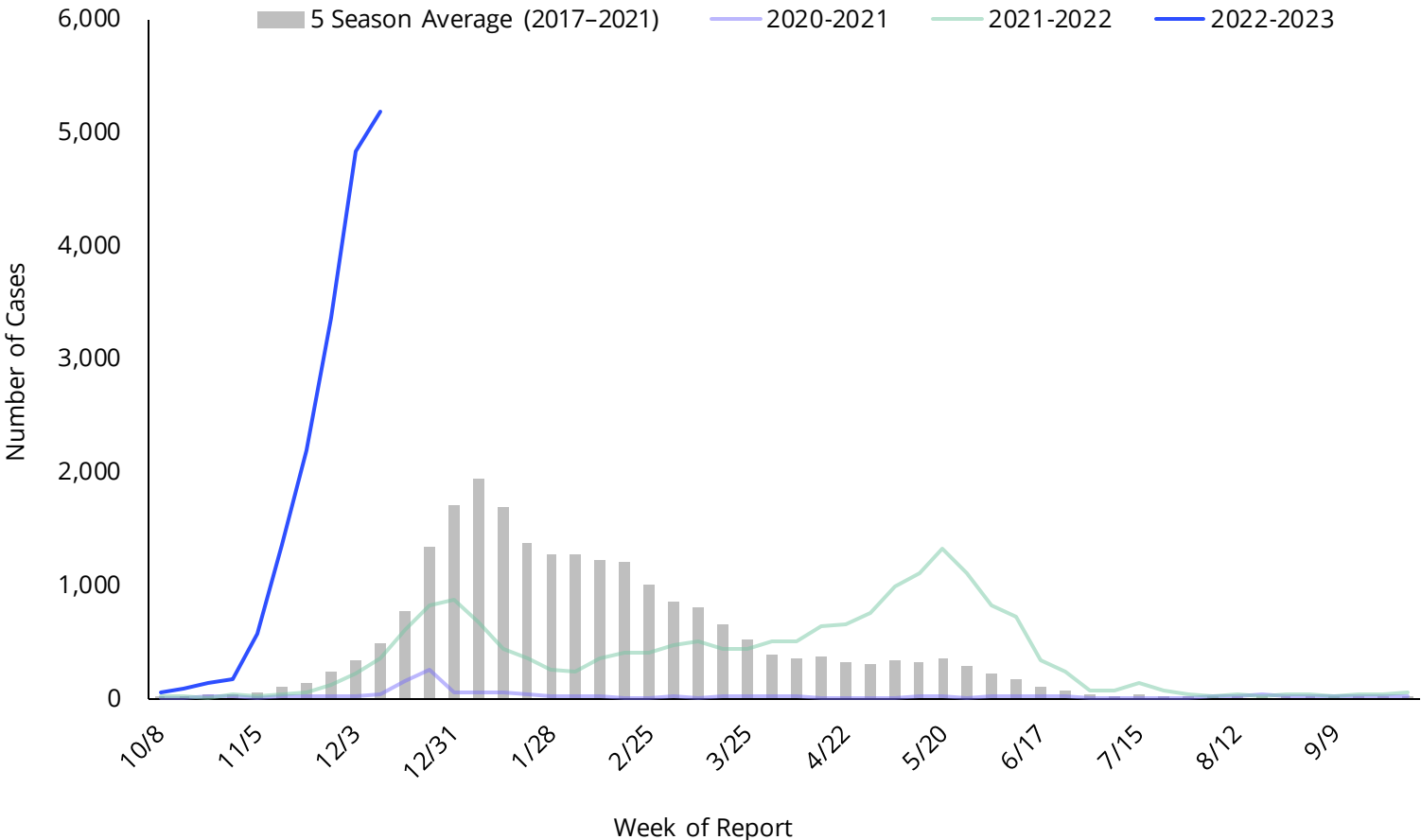
- Influenza and RSV activity is high and influenza continues to increase rapidly.
- To receive weekly updates, subscribe to the Flu & RSV report at [azhealth.gov/email](mailto:azhealth.gov@email).
- The cases included in this report represent a small proportion of the true number of cases of influenza. Many people do not visit the doctor when ill and doctors should not be expected to run tests on all patients exhibiting influenza-like symptoms.
- Two influenza-associated pediatric death has been reported for the 2022-2023 season. The cases were both PCR positive for Influenza A.

### Arizona Influenza Intensity Levels



# Laboratory-Confirmed Influenza Activity by Season

In the past week, there were **5,181 laboratory confirmed influenza cases**.



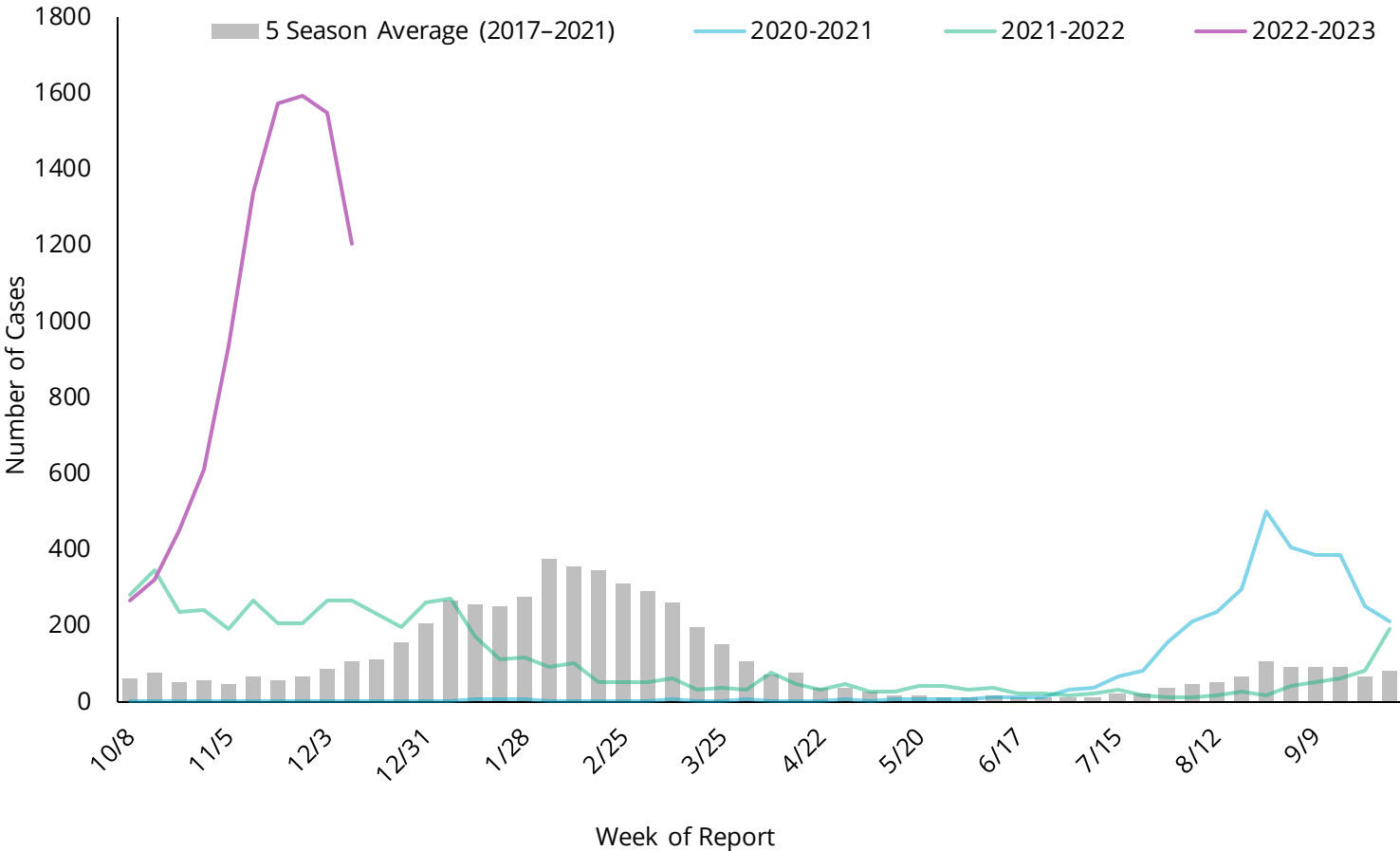
**Number of Lab-Confirmed Influenza Cases Reported, by Week of Report: 2017-2023**

Table 1: Reported Laboratory-Confirmed Influenza Cases Compared to Past Weeks and Seasons

	Cumulative Season Total	Current Week Total
<b>2022-2023</b>	17,928	5,181
<b>2021-2022</b>	862	352
<b>5 season average</b>	1,448	479
<b>% increase, compared to 2021-2022 season</b>	1980%	1372%
<b>% increase, compared to a typical influenza season</b>	1138%	982%
<b>% increase, compared to last week</b>	41%	7%

# Laboratory-Confirmed RSV Activity by Season

In the past week, there were **1,202 laboratory confirmed RSV cases**.



**Number of Lab-Confirmed RSV Cases Reported, by Week of Report: 2017-2023**

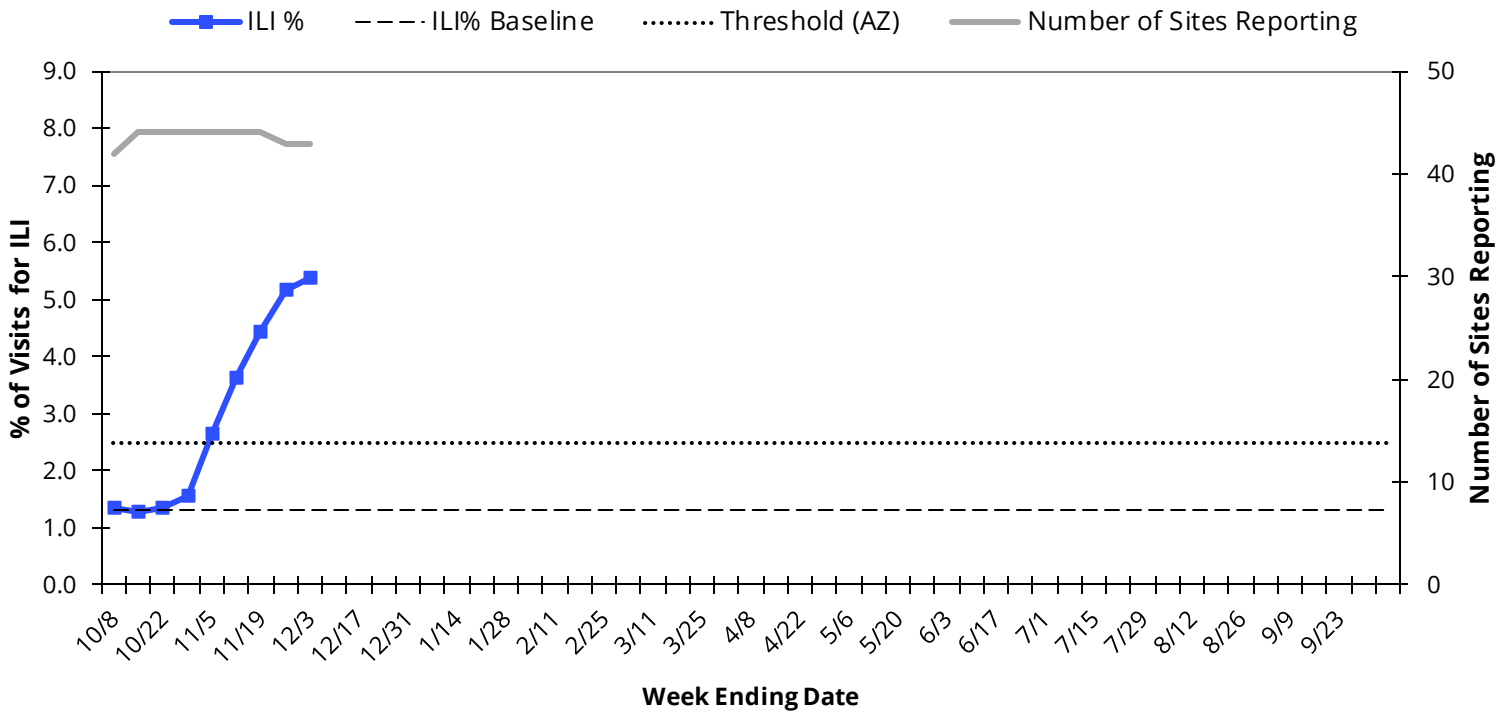
Table 2: Reported Laboratory-Confirmed RSV Cases Compared to Past Weeks and Seasons

	Cumulative Season Total	Current Week Total
<b>2022-2023</b>	9,830	1,202
<b>2021-2022</b>	2,503	267
<b>5 season average</b>	663	106
<b>% increase, compared to 2021-2022 season</b>	293%	350%
<b>% increase, compared to a typical season</b>	1382%	1036%

# Influenza-Like Illness (ILI) Surveillance from Sentinel Outpatient Providers

ILI percent was above the epidemic threshold at **5.4%** in week 48.

Percentage of Visits for ILI at Sentinel Providers, 2022-2023, Arizona



\*Note: The baseline is defined as the mean of the state ILI% in weeks in the 2018–2021 influenza seasons in which two or more consecutive weeks each accounted for less than 2% of the season’s total number of specimens testing positive for influenza at the Arizona State Public Health Laboratory. The epidemic threshold is defined as the mean plus two standard deviations.

## About the Data:

**2022–2023 Influenza Season:** The season is defined by surveillance weeks. The first day of the 2022–2023 influenza season was October 2, 2022, or week 40 and the 2022–2023 surveillance season will continue through September 30, 2023, or week 39.

**Intensity Levels:** Indicator of the intensity of flu activity in Arizona. The current season weekly case counts are classified into ranges that are calculated based on the average of the 5 previous season’s data (2017–2022).

**Influenza-associated Pediatric Deaths:** Influenza-associated pediatric deaths are reportable to the public health departments in Arizona. The 2008–2009 and 2009–2010 seasons showed an increase in influenza-associated deaths in children related to the circulation of the 2009 H1N1 strain. Zero to five deaths were reported in each of the other seasons since 2004.

**Influenza-like illness:** Defined as a fever of at least 100°F plus either a cough or a sore throat. In weeks when a relatively low number of enrolled facilities report data, the ILI proportion may not be as representative of Arizona activity as for other weeks. The state ILI baseline is 1.3% and the epidemic threshold is 2.5%\*.