

2024–2025 Respiratory Season (9/29/2024 – 9/27/2025)

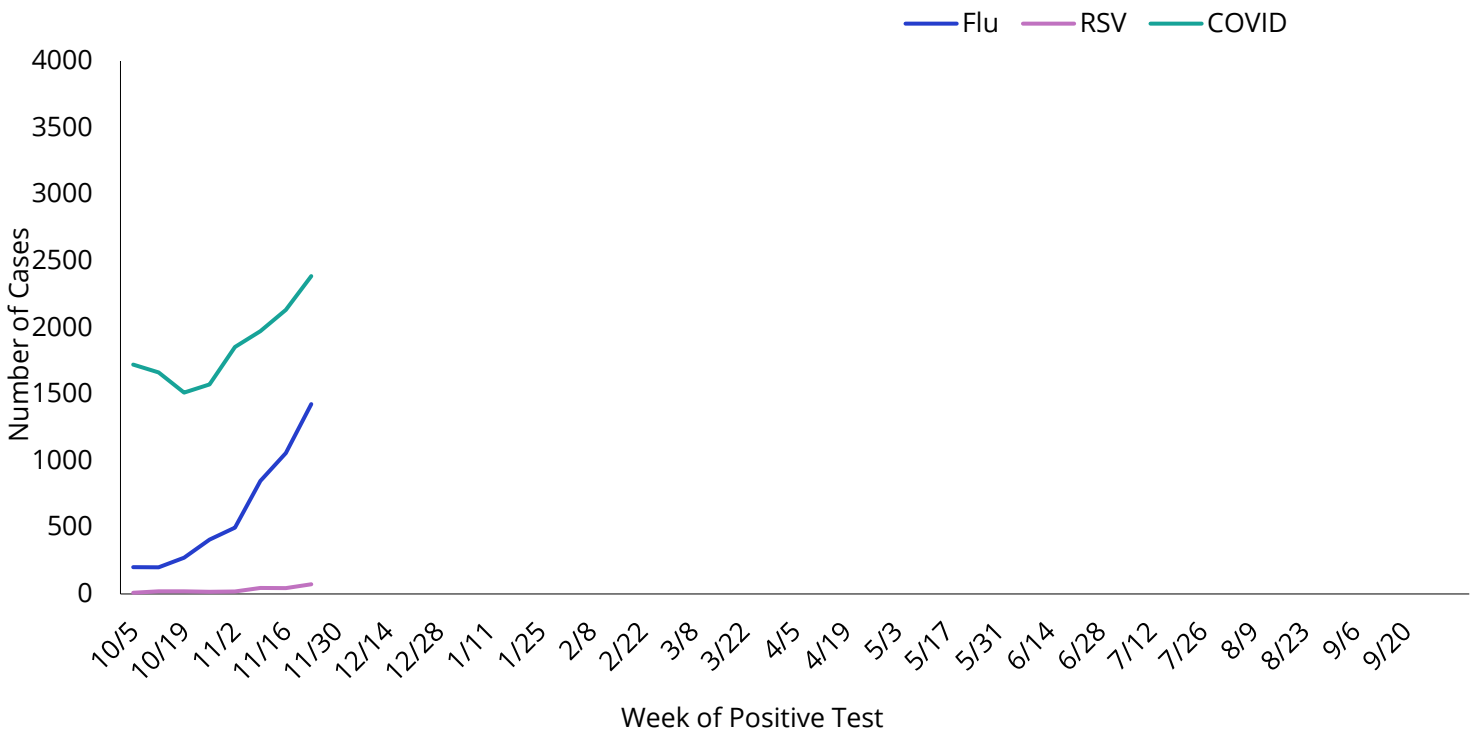
Please see the interactive respiratory dashboards: [Flu](#), [RSV](#), & [COVID-19](#).

Respiratory Season Synopsis

- Influenza activity is increasing and is above the 5-season average. RSV and COVID-19 activity is increasing but remains low and below the typical average.
- To receive weekly updates, subscribe to the Respiratory Virus Summary 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 respiratory diseases. Many people do not visit the doctor when ill and doctors should not be expected to run tests on all patients exhibiting respiratory symptoms.

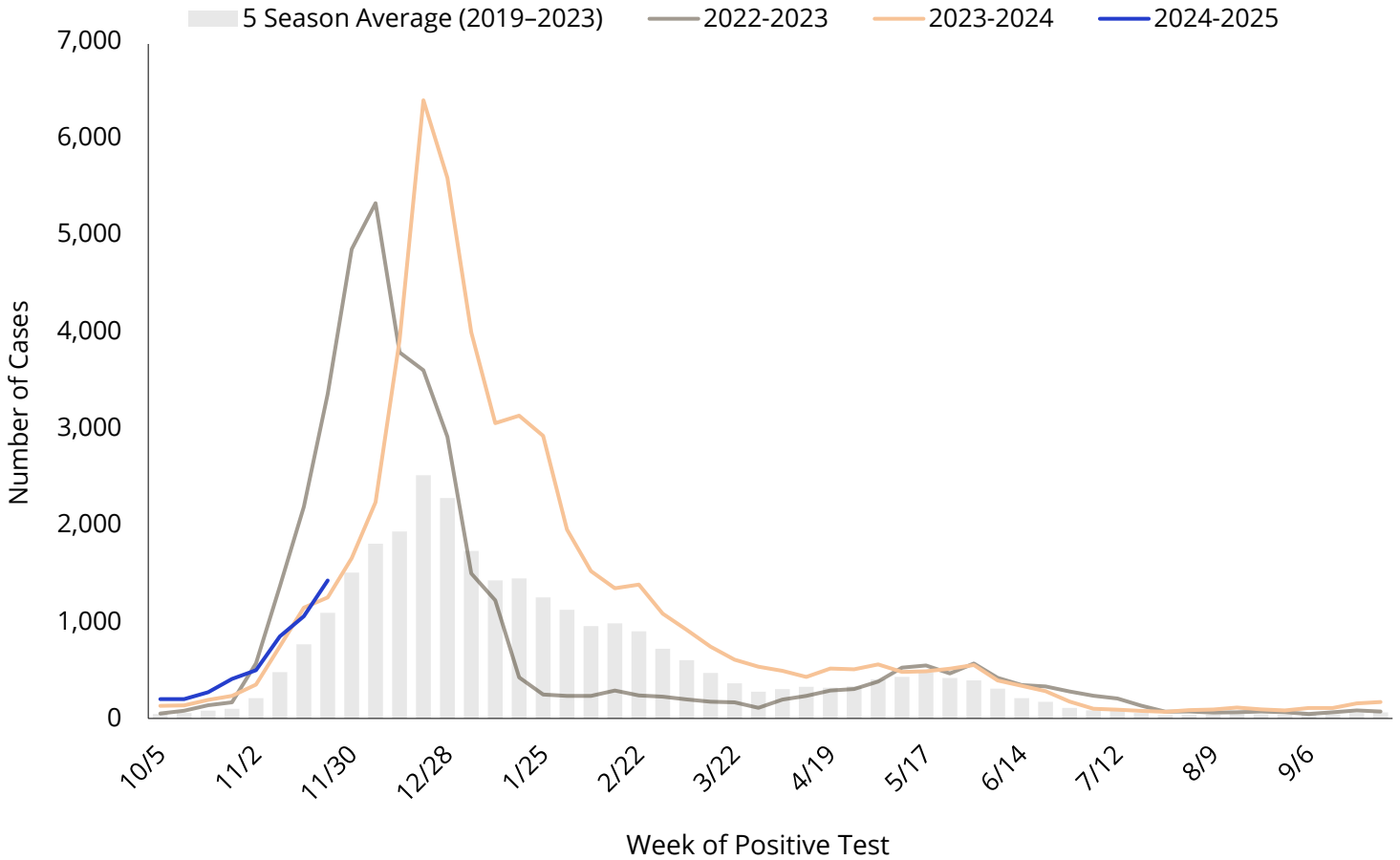
Respiratory Season Activity (Flu, RSV, COVID-19) 2024-2025

Laboratory-Confirmed Respiratory Cases



Laboratory-Confirmed Influenza Activity by Season

In the past week, there were **1,425 laboratory confirmed** influenza cases.

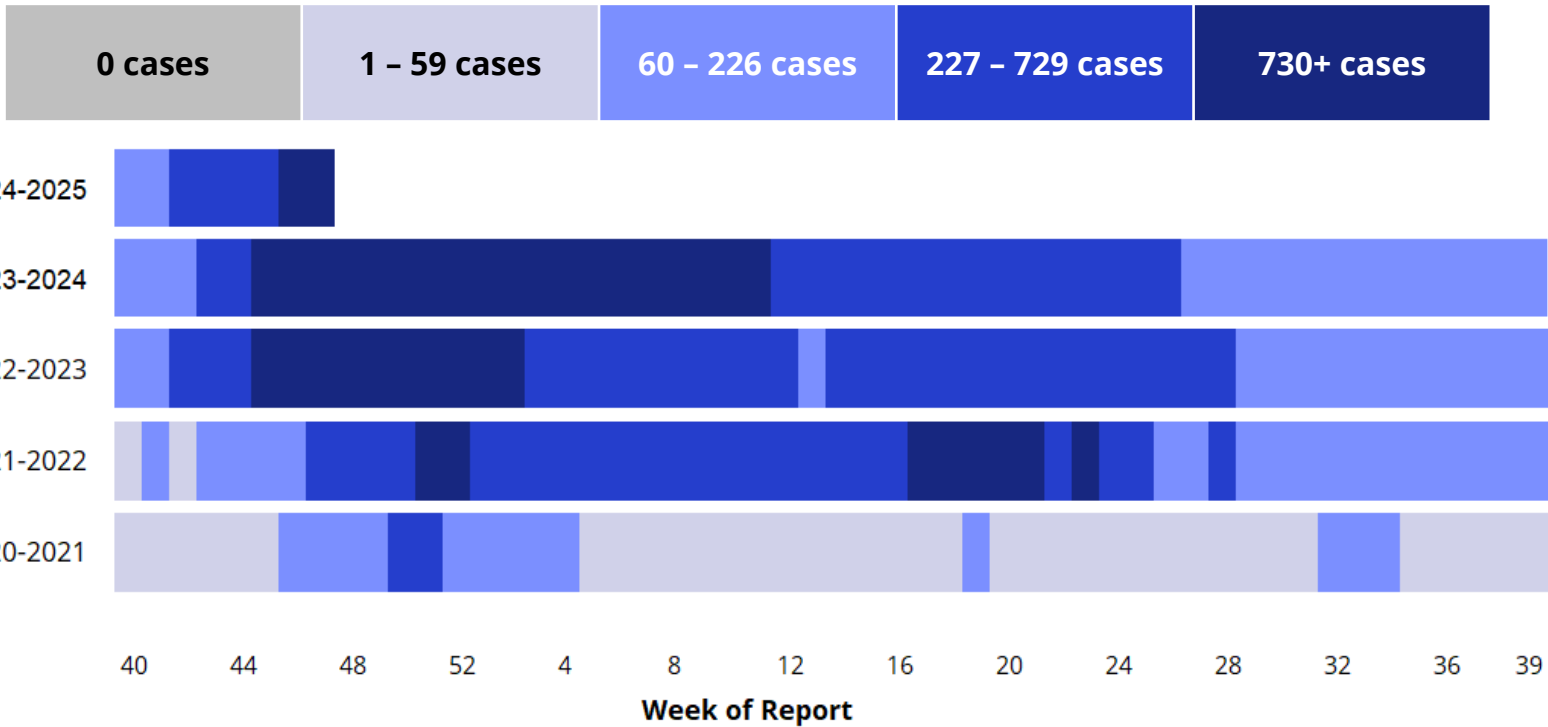


Number of Lab-Confirmed Influenza Cases Reported, by Week of Test: 2019–2024

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

	Cumulative Season Total	Current Week Total
2024-2025	4,909	1,425
2023-2024	4,184	1,251
5 season average	2,832	1,092
% increase, compared to 2023-2024 season	17%	14%
% increase, compared to a typical influenza season	73%	30%
% increase, compared to last week	41%	35%

Arizona Influenza Intensity Levels

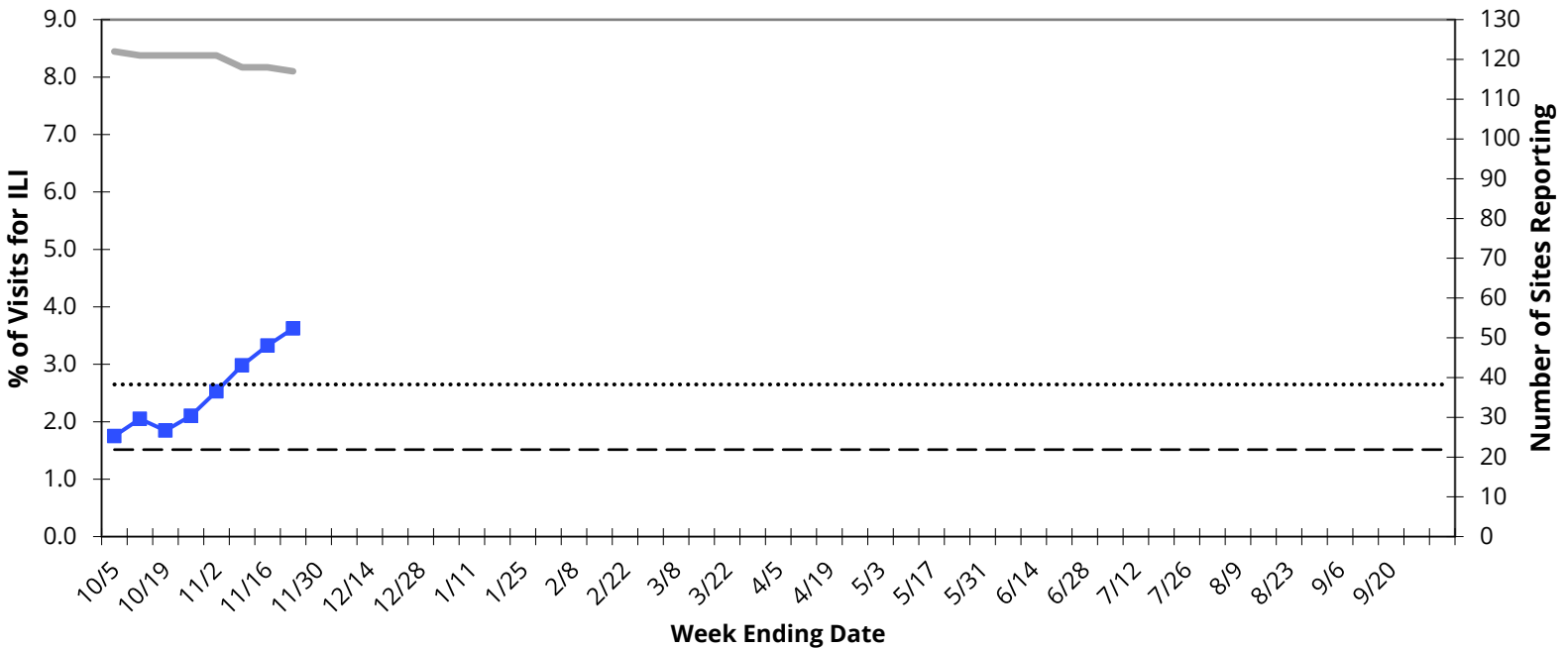


Influenza-Like Illness (ILI) Surveillance from Sentinel Outpatient Providers

ILI percent was above the epidemic threshold at **3.6%** in week 47*.

Percentage of Visits for ILI at Sentinel Providers, 2024-2025, Arizona

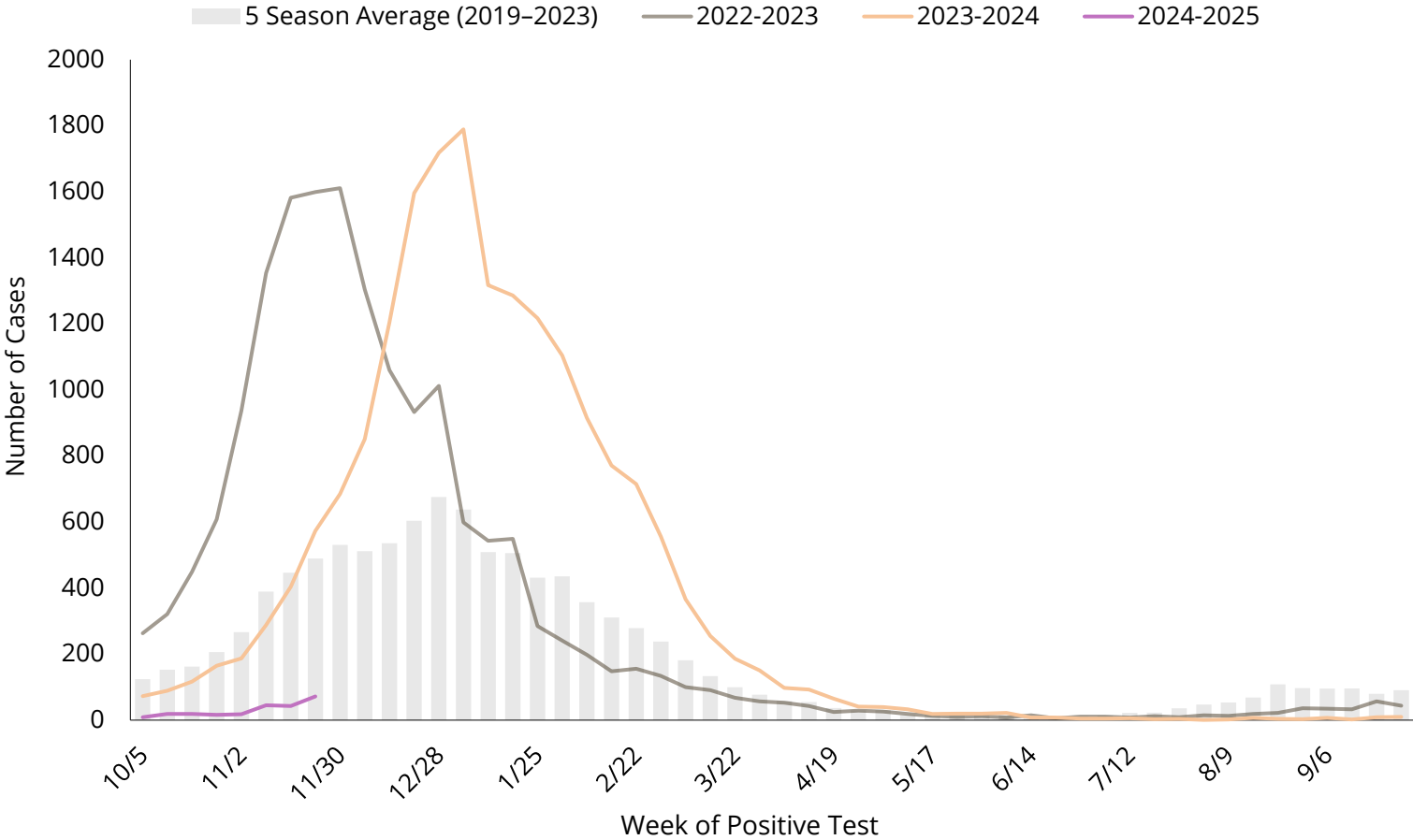
■ ILI % - - - ILI% Baseline Threshold (AZ) — Number of Sites Reporting



*Note: The baseline is defined as the mean of the state ILI% in weeks in the 2021–2024 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.

Laboratory-Confirmed RSV Activity by Season

In the past week, there were **72 laboratory confirmed RSV cases**.



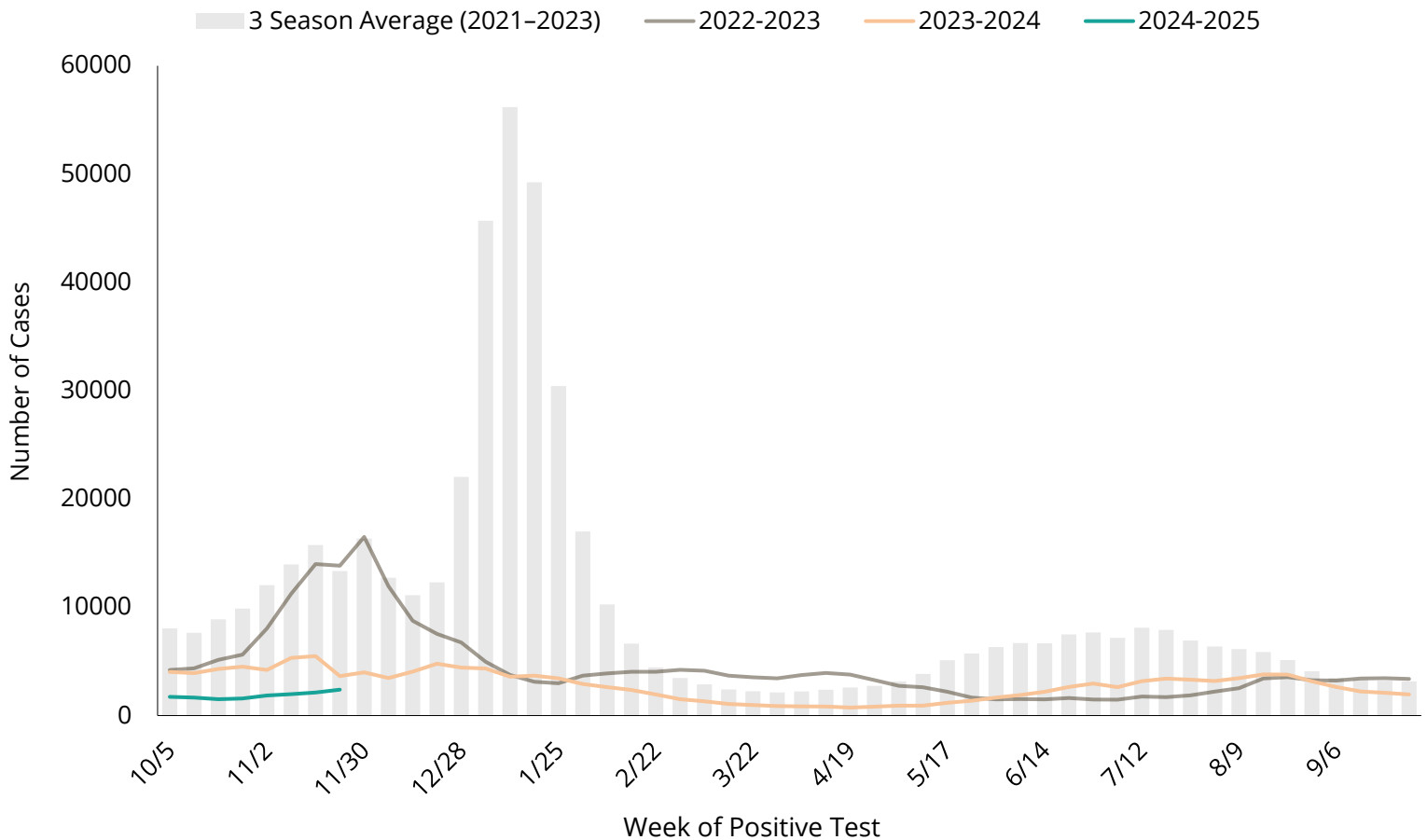
Number of Lab-Confirmed RSV Cases Reported, by Week of Test: 2019-2024

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

	Cumulative Season Total	Current Week Total
2024-2025	241	72
2023-2024	1,896	573
5 season average	2,238	490
% increase, compared to 2023-2024 season	-87%	-87%
% increase, compared to a typical season	-89%	-85%
% increase, compared to last week	43%	67%

Laboratory-Confirmed COVID-19 Activity by Season

In the past week, there were **2,386** laboratory confirmed COVID-19 cases.



Number of Lab-Confirmed COVID Cases Reported, by Week of Test: 2021-2024

Table 3: Reported Laboratory-Confirmed COVID-19 Cases Compared to Past Weeks and Seasons

	Cumulative Season Total	Current Week Total
2024-2025	14,813	2,386
2023-2024	35,404	3,640
3 season average	89,502	13,341
% increase, compared to 2023-2024 season	-58%	-34%
% increase, compared to a typical season	-83%	-82%
% increase, compared to last week	19%	12%

About the Data:

2024–2025 Respiratory Season: The season is defined by surveillance weeks. The first day of the 2024–2025 respiratory season was September 29, 2024, or week 40 and the 2024–2025 surveillance season will continue through September 27, 2025, 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 (2019-2024).

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 six deaths were reported in each of the other seasons since 2004.

Influenza-like illness: Defined as a fever of at least 100°F plus cough and/or 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 1.5% and the epidemic threshold is 2.6%*. Because of the non-specific symptoms of ILI, multiple viruses, including COVID-19, may impact the percentages.