Northwest Regional Respiratory Virus Surveillance - as of Saturday 10/07/23

Produced by: Whatcom County Health & Community Services

Virus	Percent of ED Visits	Threshold ▲	Status
COVID-19	2.14%	3.0%	Below Threshold
Influenza	0.13%	1.0%	Below Threshold
RSV	0.03%	0.3%	Below Threshold

Covid-19 Hospitalization Admission Rate for Whatcom County: **LOW** (<10 per 100,000 population)

Percent of Emergency Department Visits with COVID-19 Diagnosis

● 2021-2022 ● 2022-2023 ● 2023-2024
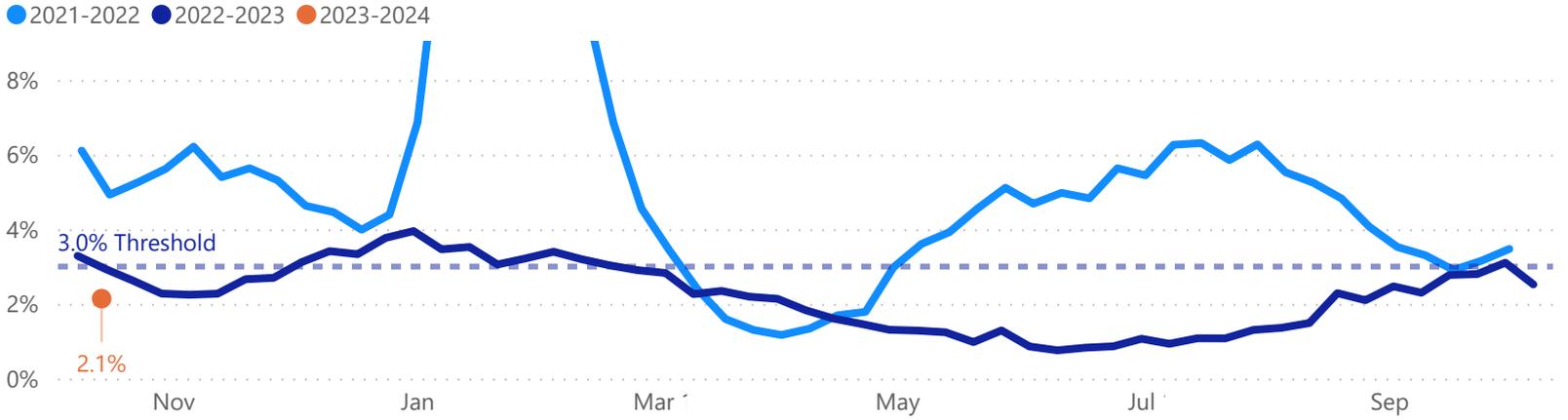
Percent of Emergency Department Visits with Influenza Diagnosis

● 2021-2022 ● 2022-2023 ● 2023-2024
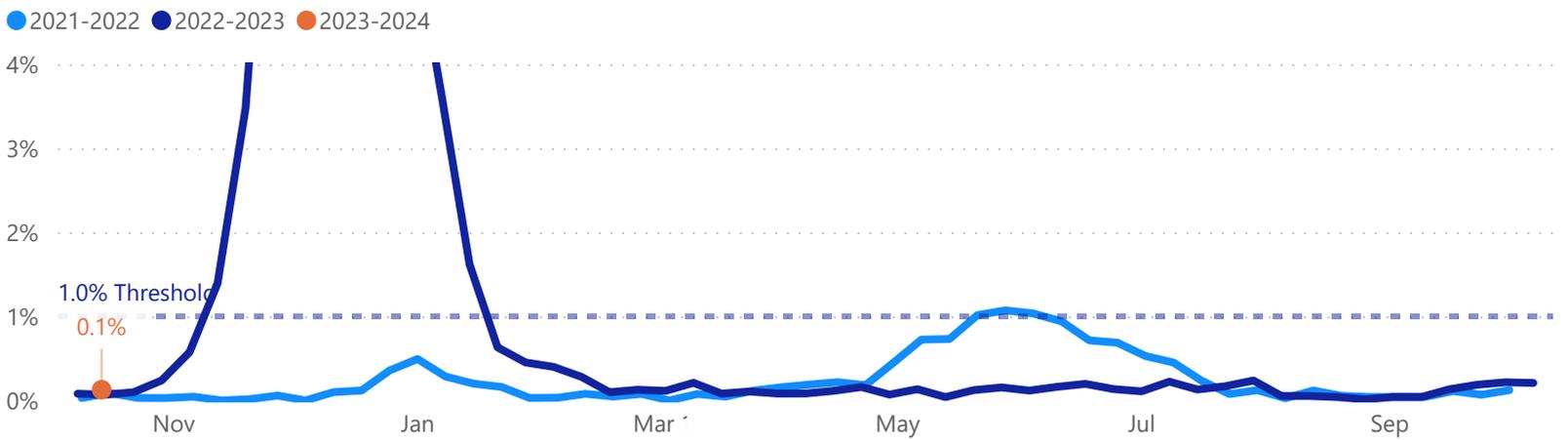
Percent of Emergency Department Visits with RSV Diagnosis

● 2021-2022 ● 2022-2023 ● 2023-2024
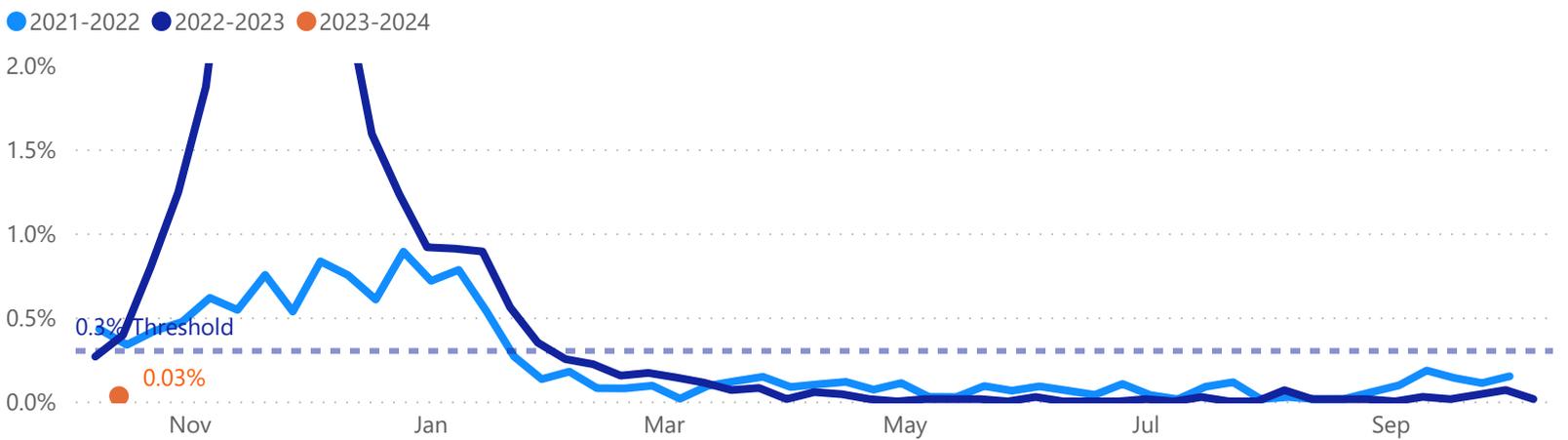
Data values are calculated by summing the number of weekly emergency department (ED) visits with a diagnosis of Covid-19, influenza, or RSV and dividing by the total number of weekly ED visits, for five counties in Northwest Washington: Whatcom, Skagit, San Juan, Island, and Snohomish. Epidemic threshold values were calculated using the Moving Epidemic Method applied to historical data from the five-county region. The thresholds for influenza and RSV were calculated from seasons 2017-2018, 2018-2019, 2019-2020, and 2022-2023. The threshold for Covid-19 was calculated based on a multi-wave model using data from 2020 to 2023.

Data Source: The data for emergency department visits are obtained from the Washington State Department of Health Rapid Information Health Network (RHINO) program. All non-federal emergency departments and their associated inpatient units report health care encounter data in near real-time to RHINO. The data are stored on the National Syndromic Surveillance Program (NSSP) Biosense ESSENCE platform.

For questions, please email: Health_Data@co.whatcom.wa.us