

Central Oregon Public Health Quarterly

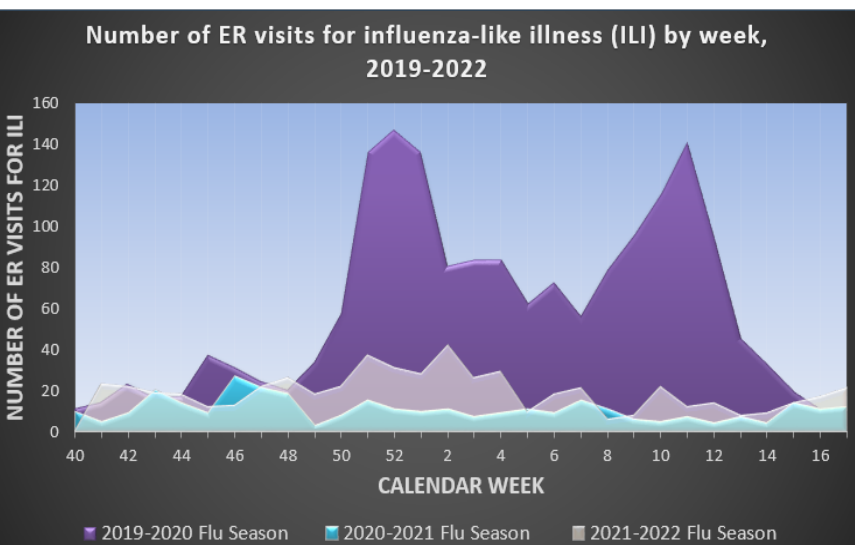
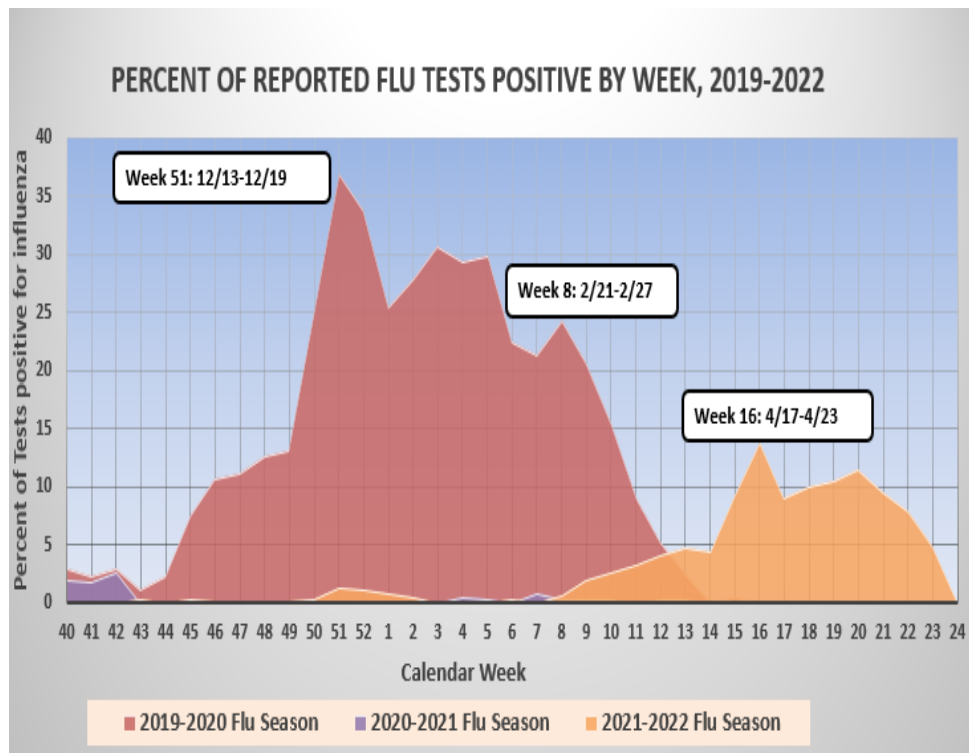
Communicable Disease Update for Crook, Deschutes, and Jefferson Counties
Second Quarter Report, 2022

24/7 Communicable Disease reporting lines: : Crook County: 541-447-5165 : Deschutes County: 541-322-7418 : Jefferson County: 541-475-4456

Overview of 2021-2022 Central Oregon Flu Season

Flu in Central Oregon (CO): Late Season Peaks

- According to data collected from **local Central Oregon (CO) labs**, the 2021-2022 flu season activity (in orange, right) peaked during calendar **week 16 (April 17th-23rd)**, followed by a sharp decline and then additional lesser peak around **week 20 (May 15th-21st)**
- While past flu seasons have generally peaked January or February, this year's late season rise in cases may be due to **changes to masking requirements for public indoor spaces and schools (lifted March 11th in OR; Note: flu season week 10=March 6th-12th)**
- This year's late peak is in stark contrast to last year's season (virtually non-existent {in purple, right}) ([why getting a flu vaccine remains important](#))



Emergency Room (ER) Visits in Central Oregon Due to ILIs: Higher than last season, but still relatively low circulation

- Total ER visits for ILI in CO:
 - 2021-2022: 818
 - 2020-2021: 300
 - 2019-2020: 1,800
- ER visits in CO due to ILI peaked **flu calendar week 2 (1/9-1/15/22): 42 visits**
- [Nationally, the CDC estimates that there were 8-13 million ILIs reported, 82-170,000 flu hospitalizations, & 5-14,000 deaths due to flu this current season](#)

No reported influenza outbreaks this season (2021-2022) in CO; 9 statewide

Number of flu outbreaks statewide reported past two flu seasons remains **low** compared to pre-pandemic trends

- 2021-2022: 9 (7=Long Term Care Facilities; 2=Daycares)
- 2020-2022: 1
- 2019-2020: 93

Statewide, there were no flu-associated pediatric deaths reported so far this [flu season in OR](#)

Nationwide # of Pediatric Flu Related Deaths:

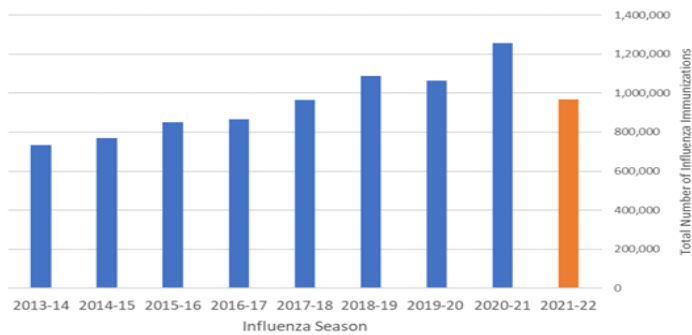
- 2021-2022 season: 32
- 2020-2021 season: 1
- 2019-2020 season: 199
- 2018-2019 season: 144

Statewide (OR) # of Pediatric Flu Related Deaths:

- 2021-2022 season: 0
- 2020-2021 season: 0
- 2019-2020 season: 3
- 2018-2019 season: 2

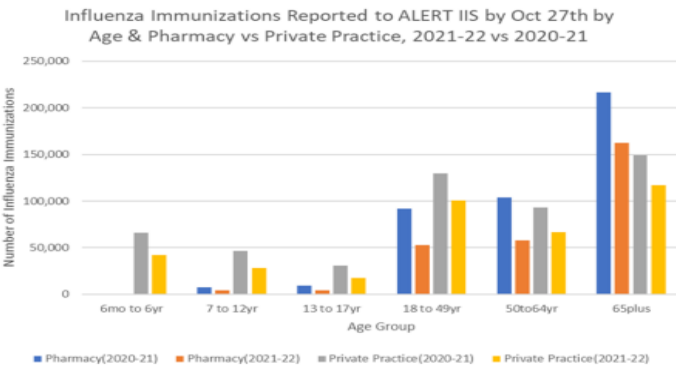
Reported Influenza Vaccinations Across Oregon

Oregon ALERT IIS Reported Influenza Immunizations as of Nov. 17th, Across Last Nine Seasons



According to the Oregon ALERT Immunization System ([tracking seasonal influenza immunizations on a weekly basis](#)), fewer influenza immunizations were given this season compared to the prior two seasons (see top figure on left):

- (2021-2022): ~970,000 immunizations
- (2020-2021): ~1,300,000 immunizations
- (2019-2020): ~1,100,000 immunizations



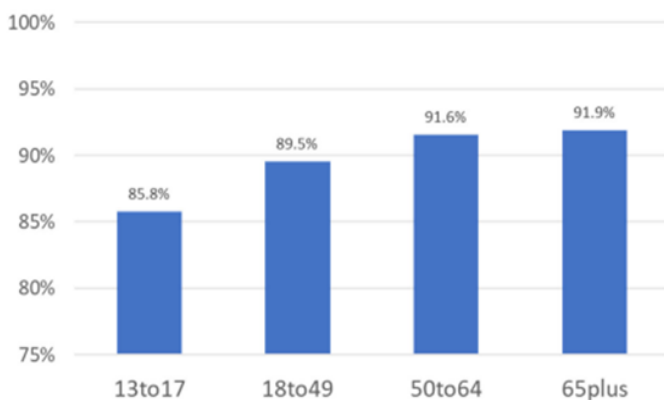
Comparison of Influenza Immunization Totals (2021-2022) vs. Previous Season: By Age Group & Place of Administration (Pharmacy/Private Practice)

- **Pharmacies** remain the primary area of administration for immunizations utilized for current & previous season
- Adult pharmacy influenza immunizations had a **1.2 times greater decline** than private practice immunizations this season (vs. previous)

Figures to left (pgs. 169 & 187) from: *OHA Flu Bites* {[as of 06/17/22](#)}

Statewide Co-Administration of Influenza & COVID-19 Immunizations

Percent of COVID-19 Immunization Among Oregonians Who Received an Influenza Immunization in the 2021-22 Season



Is COVID-19 having an impact on influenza immunization seeking?

- Co-administration of both flu & COVID-19 vaccines is one strategy **to increase population levels of both** (current [best practice](#) is the administration of all vaccines for which a person is eligible at same visit)
- During the 2021-2022 season, **~92% of adults** who received an influenza immunization had also received at least one COVID-19 immunization (see fig. on left)
- Only **6.5%** of adult influenza immunizations were **co-administered** with COVID-19 immunizations {*OHA Flu Bites*}

Figure source (pg. 199) : *OHA Flu Bites* {[as of 06/17/22](#)}

Global & Local Circulation of Influenza Viruses, 2021-2022 Season

[The FluNet Summary](#) {from 102 countries, areas or territories across the world (6/30/22)} has reported that during this season, among influenza viruses tested:

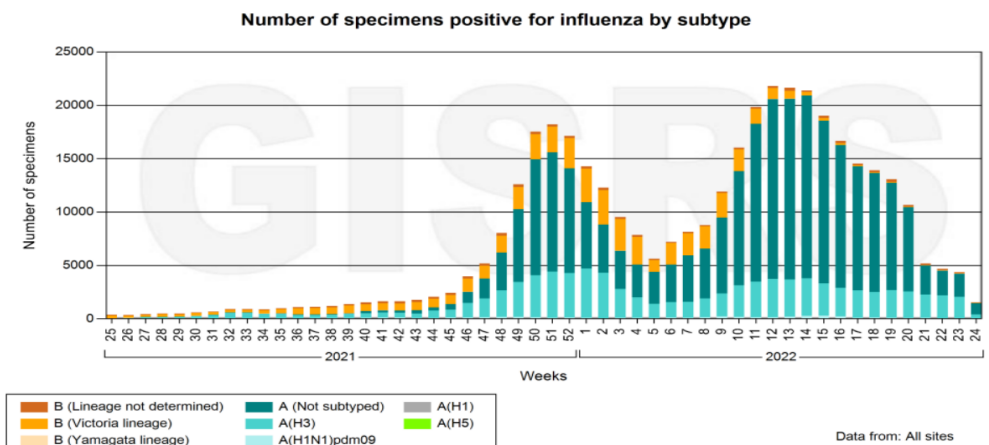
- **~98%** positive for influenza **A**
- **~2%** positive for influenza **B**

[Central Oregon influenza data](#) showed similar trends this season,* with local labs showing:

- **~99%** positive for influenza **A**
- **~1%** positive for influenza **B**

*[As of June 18th, 2022](#)

Global circulation of influenza viruses



Data source: FluNet (www.who.int/flu-net), GISRS

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Figure source: <https://www.who.int/tools/flu-net/flu-net-summary>

[FDA Forecasts: primary influenza strains to target in 2022-2023 season](#)