

Deschutes County Health Services

COVID-19 Public Health Update

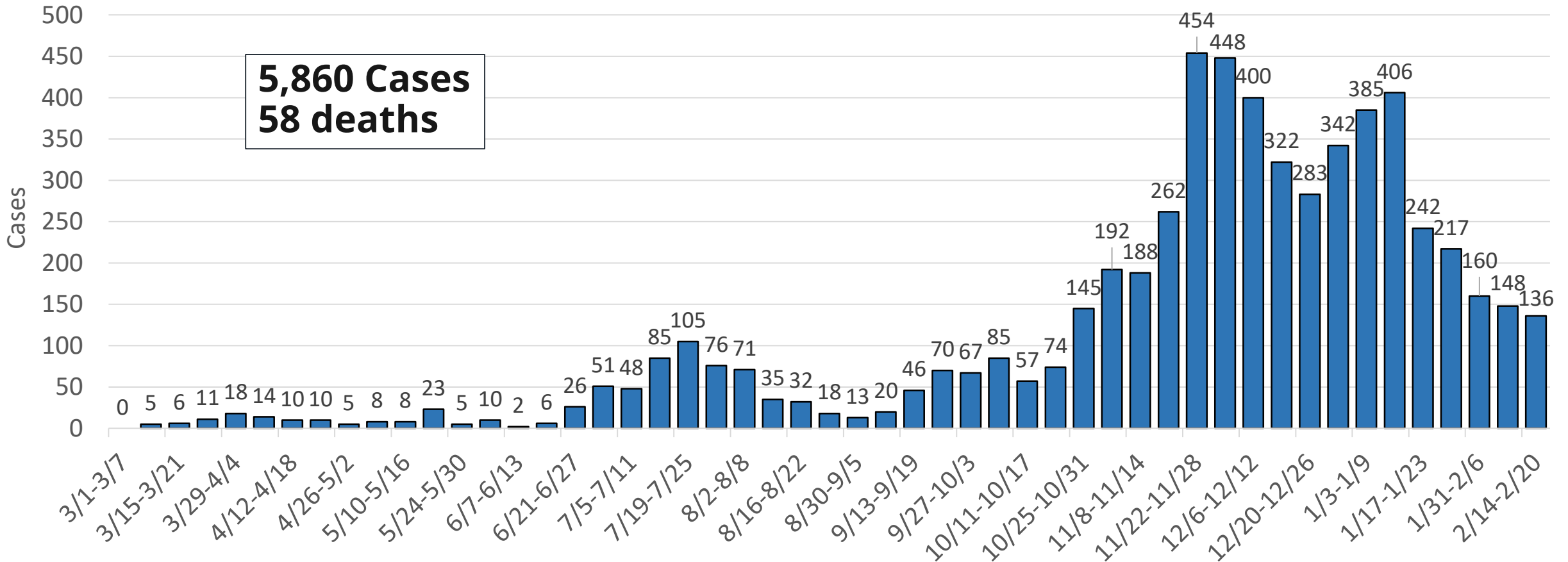
George Conway
Health Services Director

Nahad Sadr-Azodi
Public Health Director



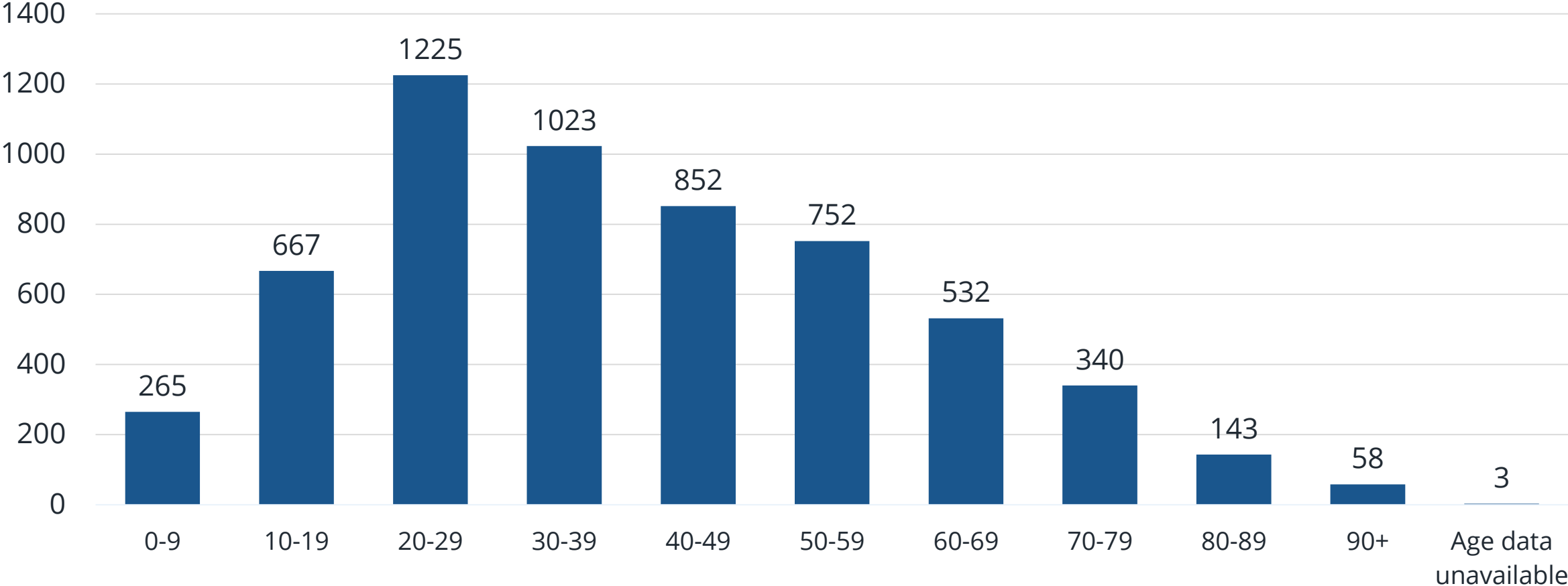
BoCC meeting | February 24, 2021

Deschutes County Cases by Week

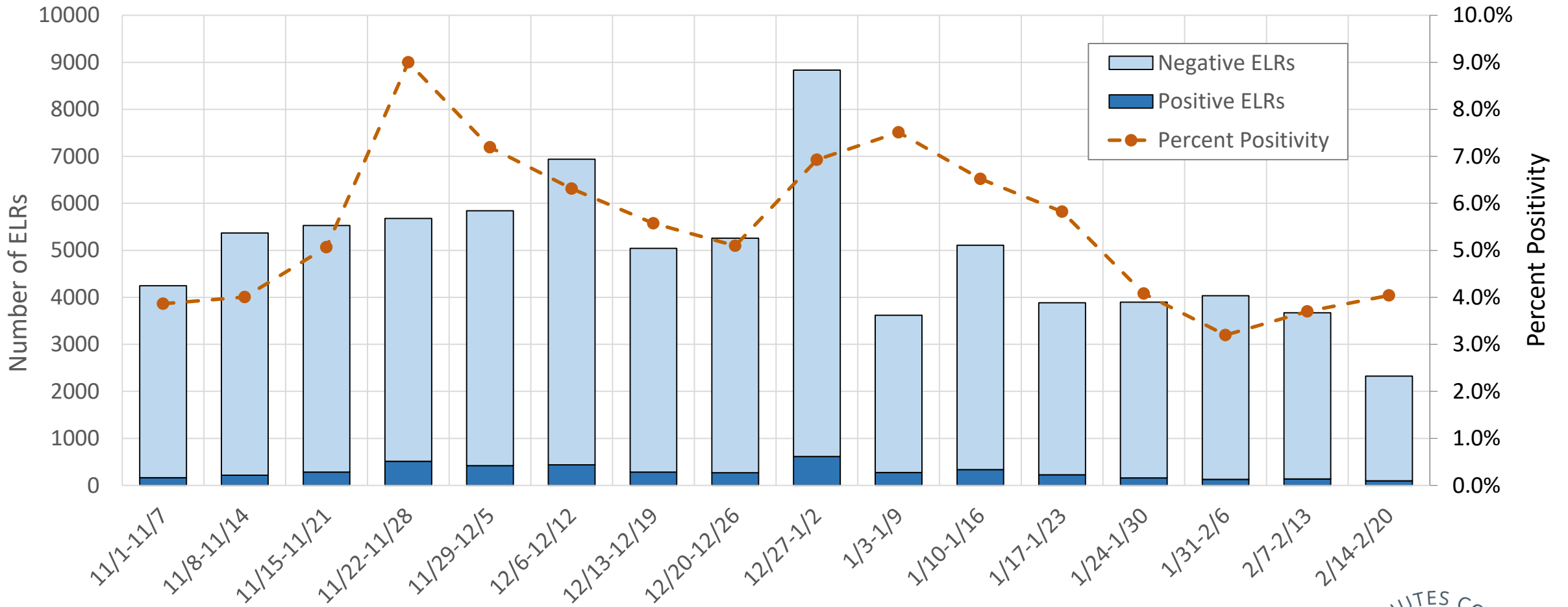


Data for this week is not yet shown. Data are shown based on the date a case first became identified as a case.

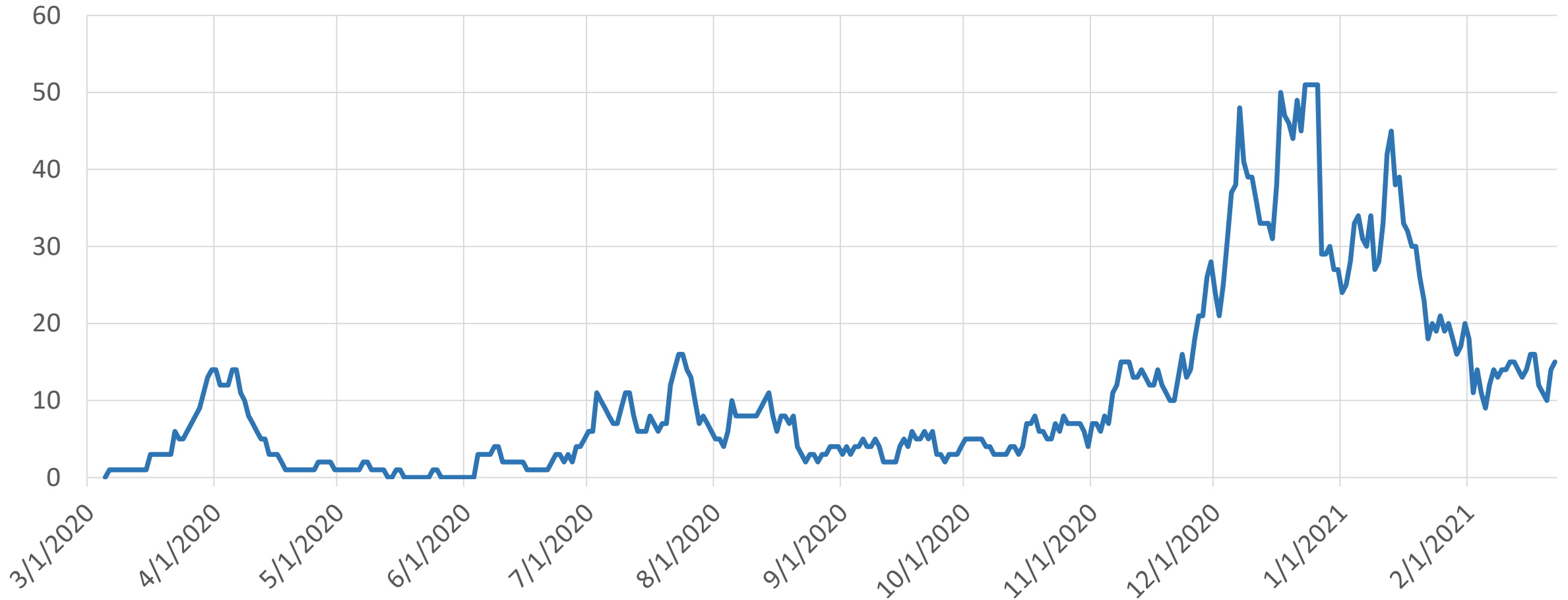
Deschutes County Cases by Age Group



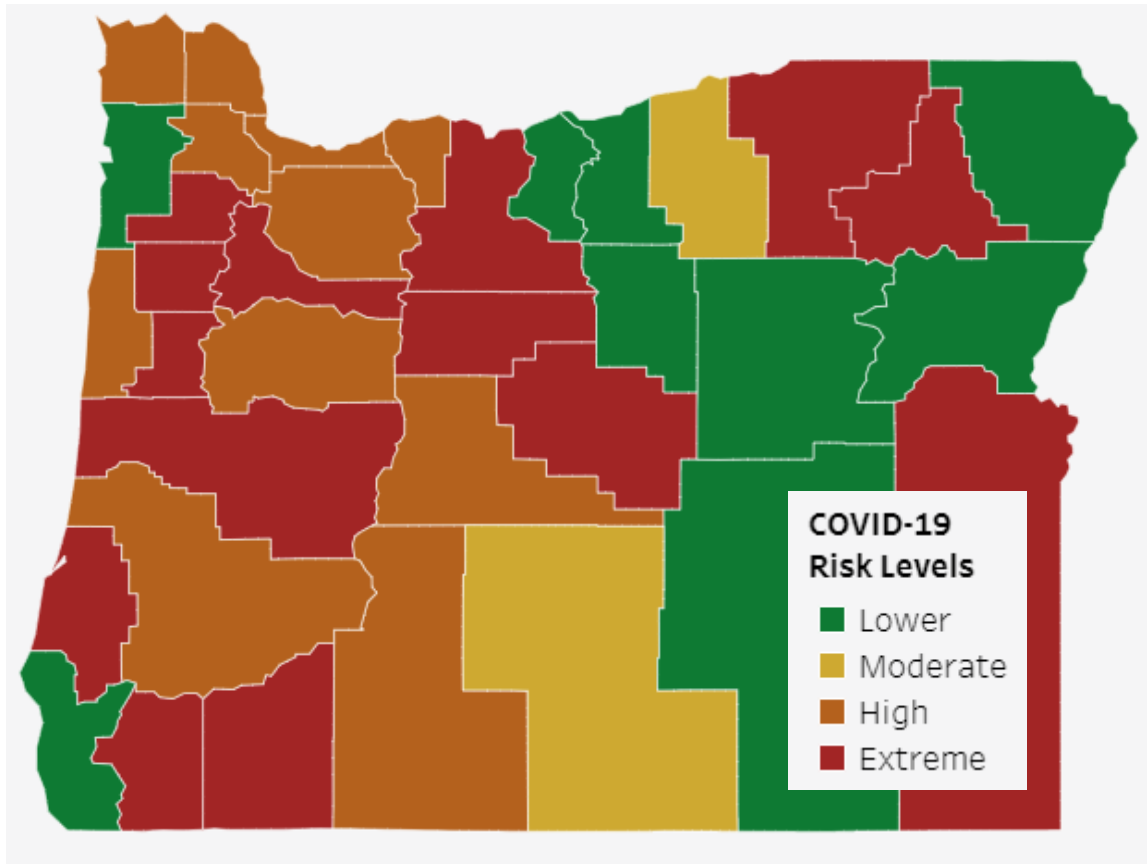
Deschutes County COVID Electronic Laboratory Reports (ELRs) by Week



Daily Count of COVID-19 Patients Currently Hospitalized (St. Charles Health System Data)



Risk-based Framework for Counties



Deschutes County Risk Level Data

Dates (2-Week Period)	Risk Level Week Type	Risk Level	Case Count (2-Week Period)	Cases per 100,000 Population (2-week Period)
1/24-2/6	Movement Week	High Risk	377	195.3
1/31-2/13	Warning Week	High Risk	308	159.6
2/7-2/20	Movement Week	High Risk	284	147.1

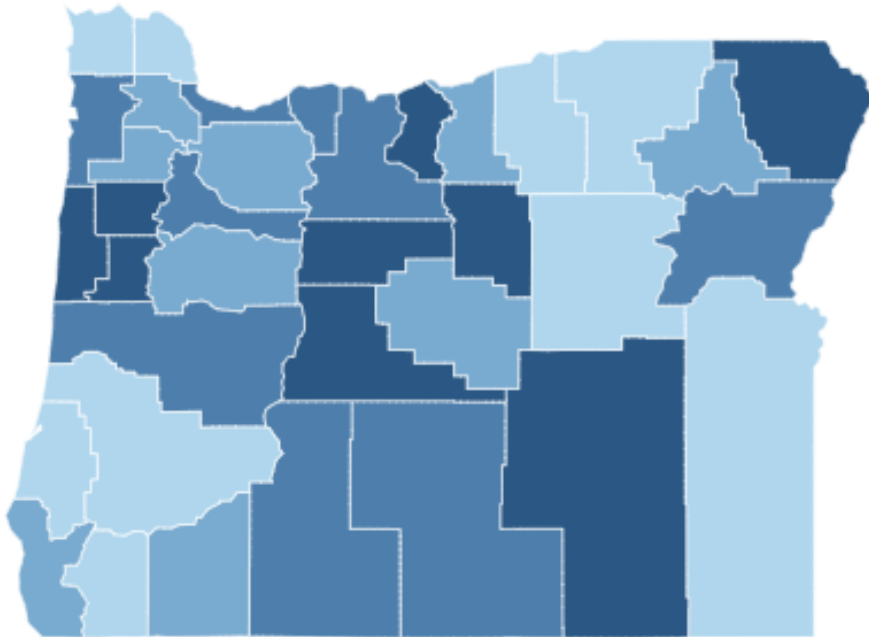


Deschutes County currently falls in the “high risk” category due to substantial spread of COVID-19.

COVID-19 Vaccine

COVID-19 Vaccination Data

Vaccination Rates per 10,000 population, by county of residence*



People vaccinated per 10,000: lighter colors represent counties with lower vaccination rates, while darker colors represent counties with higher vaccination rates.

Deschutes County COVID-19 Vaccination Data as of 2/22/21

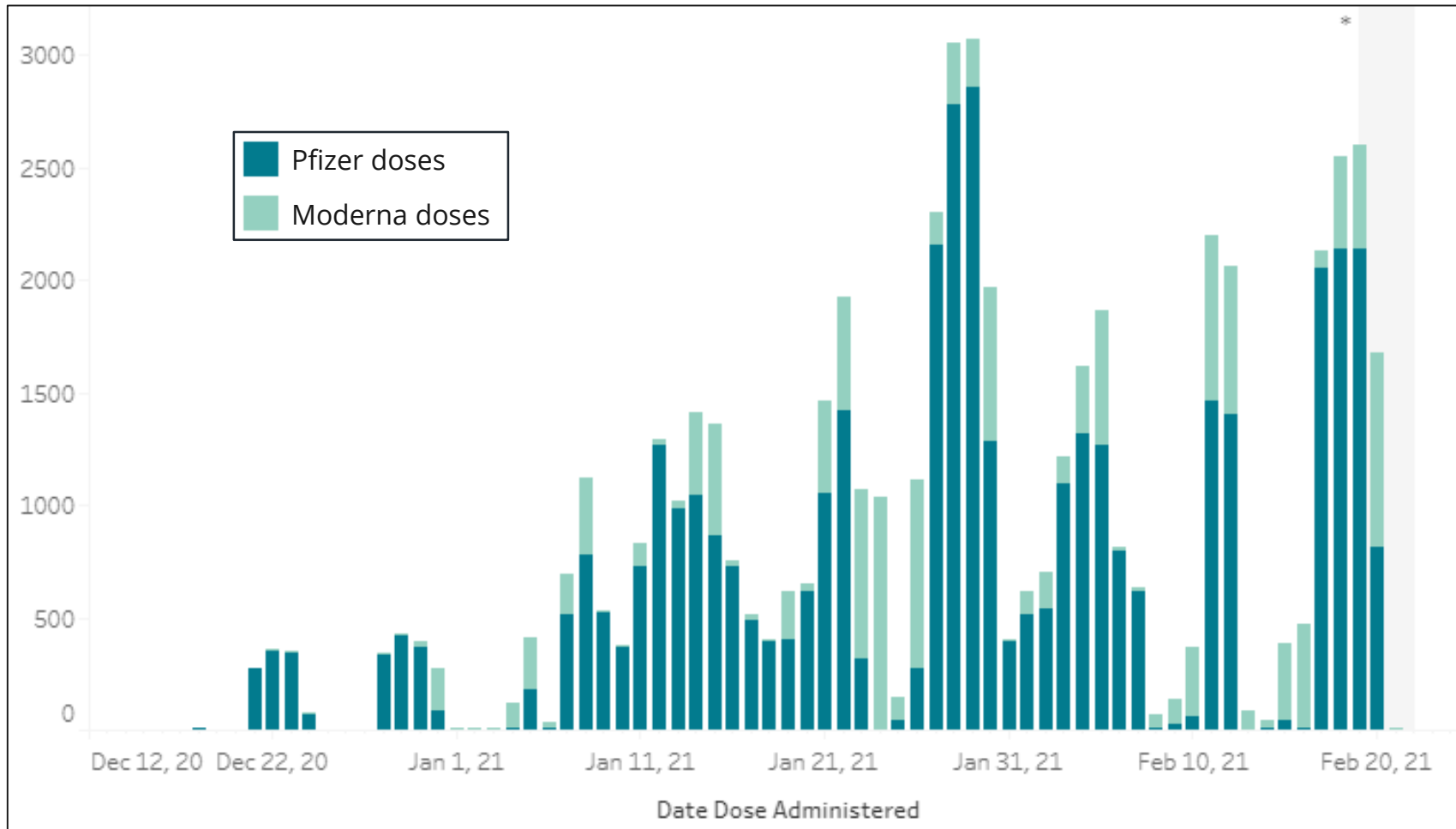
# people with vaccination series in progress	7,747
# people fully vaccinated	23,402
# people with vaccination series in progress or fully vaccinated per 10,000 population	1,613.9

*Includes people with vaccination series in progress or fully vaccinated

Data as of 2/22/21



Total vaccine doses administered to Deschutes County residents by date and manufacturer



Doses administered during the most recent three days may not yet be included in the graph above. Interactive graph available from Oregon Health Authority [here](#).



Vaccine distribution this week

Week of Feb. 22: 3,140 first-dose vaccines
All appointments are now full

Now eligible: Adults 70 years and older

Remains eligible: Phase 1A and Phase 1B,
Group 1

We don't have enough vaccines yet for everyone who is eligible and wants to receive a vaccine.



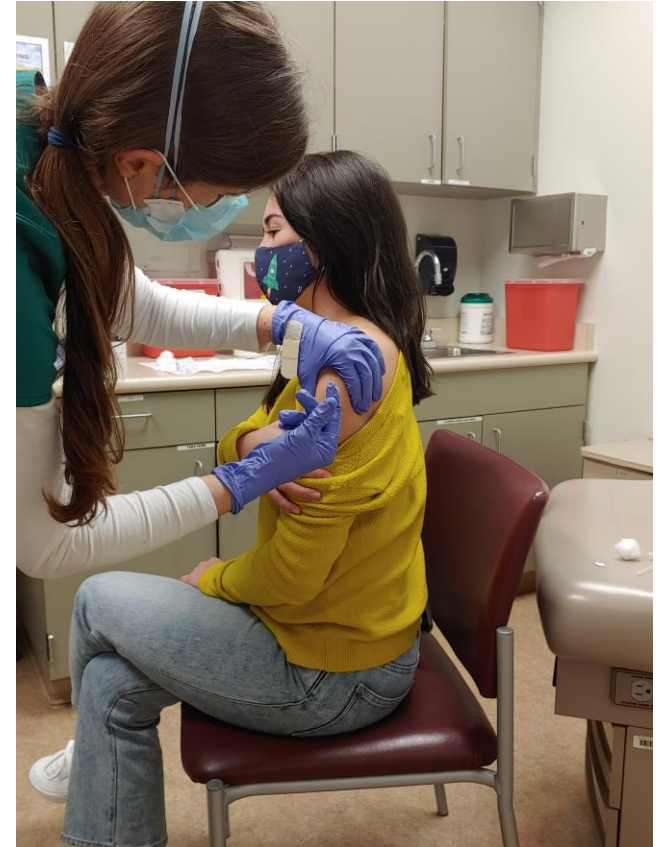
Now serving: 70 years and older

Please fill out the vaccine interest form and we will contact you when doses are available:

vaccine.deschutes.org

If you need assistance to fill out the form, you may call:

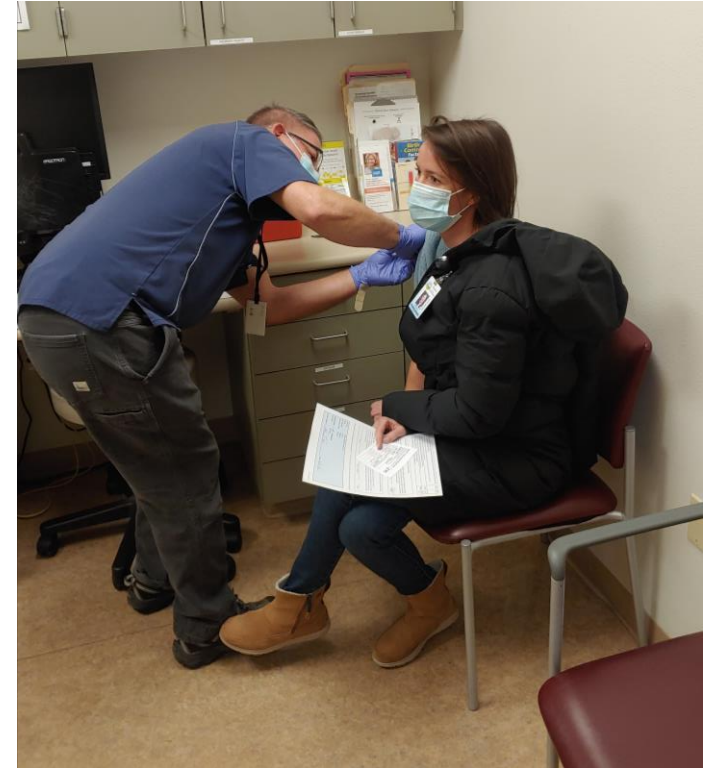
541-699-5109



Vaccine Notification

Residents can stay up-to-date on vaccine availability and eligibility:

- Via email to those who filled out the form at vaccine.deschutes.org
- Online at www.deschutes.org/covid19vaccine
- Press releases
- Social media



Everyone in Phase 1A, Groups 1,2,3 and 4 are currently eligible for the vaccine.

Group 1

- Hospital staff with patient care responsibilities
- Urgent care
- Skilled nursing and memory care facility healthcare personnel (HCP) and residents
- Tribal health programs
- Emergency medical services (EMS) providers and other first responders
- All health care interpreters and traditional health workers in any setting within Phase 1a

Group 2

- Other long-term care facilities, including all paid and unpaid HCP, all staff and contractors, including residents who meet the age requirements of:
 - Residential care facilities
 - Adult foster care
 - Group homes for people with intellectual and developmental disabilities
 - Other similar congregate care sites
- Hospice programs
- Mobile crisis care and related services

- Individuals working in a correctional setting

Group 3

- HCPs in outpatient settings serving specific high-risk groups
- Day treatment services
- Non-emergency medical transport (NEMT)
- Paid or unpaid caregivers (including parents or foster parents) of medically fragile children or adults who live at home
- Adults and age-eligible children who have a medical condition or disability who receive services in their homes

Group 4

- All other outpatient HCPs
- Other HCP who provide direct service to people with I/DD and other high-risk populations.
- Other public health settings, such as HCP serving WIC, or CBO's with direct or indirect exposures

People eligible: **400,000** approximately

Phase 1B

Beyond Date TBD

Who's getting vaccinated in Oregon next

Group 1

- Childcare providers, early learning and K-12 educators and staff
Eligible week of January 25, 2021

Group 2

- People 80 and older
Eligible February 8, 2021

Group 3

- People 75 and older
Eligible February 15, 2021

Group 4

- People 70 and older
Eligible February 22, 2021

Group 5

- People 65 and older
Eligible March 1, 2021

Educators: **105,000*** approximately
People over 65: **795,000*** approximately

Subsequent groups will be determined in coordination with the Vaccine Advisory Committee and shared on OHA's COVID-19 vaccine web page. These are examples of groups of people who may included:

- Critical workers in high-risk settings — workers who are in industries essential to the functioning of society and substantially higher risk of exposure
- People of all ages with underlying conditions that put them at moderately higher risk
- People in prisons, jails, detention centers, and similar facilities, and staff who work in such settings
- General population

* Oregon's vaccine supply is limited. It is estimated to take 12-15 weeks to vaccinate groups 1-5 of Phase 1B.

**Is COVID-19 more deadly than
the seasonal flu?**

Flu seasons vs COVID-19

	2017-2018 flu estimates	2018-2019 flu estimates	COVID-19
Cases	45 million	35.5 million	28.3 million
Deaths	61,000	34,200	502,000
Mortality Rate	0.135%	0.1%	1.77%

COVID-19 has ~14x higher mortality rate than 2018-2019 flu season

COVID-19 has ~13x higher mortality rate than 2017-2018 flu season (considered a higher than normal flu season)

Table 1: Estimated Influenza Disease Burden, by Season — United States, 2010-11 through 2019-20 Influenza Seasons

Season	Symptomatic Illnesses		Medical Visits		Hospitalizations		Deaths	
	Estimate	95% U I	Estimate	95% U I	Estimate	95% U I	Estimate	95% U I
2010-2011	21,000,000	(20,000,000 - 25,000,000)	10,000,000	(9,300,000 - 12,000,000)	290,000	(270,000 - 350,000)	37,000	(32,000 - 51,000)
2011-2012	9,300,000	(8,700,000 - 12,000,000)	4,300,000	(4,000,000 - 5,600,000)	140,000	(130,000 - 190,000)	12,000	(11,000 - 23,000)
2012-2013	34,000,000	(32,000,000 - 38,000,000)	16,000,000	(15,000,000 - 18,000,000)	570,000	(530,000 - 680,000)	43,000	(37,000 - 57,000)
2013-2014	30,000,000	(28,000,000 - 33,000,000)	13,000,000	(12,000,000 - 15,000,000)	350,000	(320,000 - 390,000)	38,000	(33,000 - 50,000)
2014-2015	30,000,000	(29,000,000 - 33,000,000)	14,000,000	(13,000,000 - 16,000,000)	590,000	(540,000 - 680,000)	51,000	(44,000 - 64,000)
2015-2016	24,000,000	(20,000,000 - 33,000,000)	11,000,000	(9,000,000 - 15,000,000)	280,000	(220,000 - 480,000)	23,000	(17,000 - 35,000)
2016-2017	29,000,000	(25,000,000 - 45,000,000)	14,000,000	(11,000,000 - 23,000,000)	500,000	(380,000 - 860,000)	38,000	(29,000 - 61,000)
Preliminary estimates*	Estimate	95% UI	Estimate	95% UI	Estimate	95% UI	Estimate	95% UI
2017-2018*	45,000,000	(39,000,000 - 58,000,000)	21,000,000	(18,000,000 - 27,000,000)	810,000	(620,000 - 1,400,000)	61,000	(46,000 - 95,000)
2018-2019*	36,000,000	(31,000,000 - 45,000,000)	17,000,000	(14,000,000 - 21,000,000)	490,000	(390,000 - 770,000)	34,000	(26,000 - 53,000)
2019-2020*	38,000,000	(34,000,000 - 47,000,000)	18,000,000	(15,000,000 - 22,000,000)	400,000	(350,000 - 500,000)	22,000	(18,000 - 29,000)



Compared with patients hospitalized with flu*, hospitalized COVID-19 patients had a higher risk for 17 complications[†] and death

5x

higher risk of dying
in the hospital

Black or African American patients and Hispanic or Latino patients developed some severe complications more frequently than White patients

Prevent COVID-19 and flu to save lives
Wear masks, stay at least 6 feet from others, wash hands often, and get a flu vaccine

* Veterans Health Administration hospitalized patients (3,948 with COVID-19 and 5,453 with influenza); data adjusted for age, sex, race/ethnicity, and underlying medical conditions

[†] Some complications included heart inflammation, blood clots, and liver failure

CDC report comparing COVID-19 & flu

Compared with patients hospitalized with flu, hospitalized COVID-19 patients had:

- 5x higher risk of dying in the hospital
- 4x more likely to require a breathing machine
- 19x risk for ARDS – acute respiratory distress syndrome
- 2x risk for pneumonia
- 2.5x more likely to be admitted to ICU
- Hospitalized an average of 3 days longer

