

COVID-19 VACCINE ADVISORY COMMITTEE MEETING

Thursday, January 14, 2021, 10:00 am-12:00 pm

Join ZoomGov Meeting

<https://www.zoomgov.com/j/1608542261?pwd=VEZ0L1Q5aWgwR2p4YVBCSGJXQm9tUT09>

Meeting ID: 160 854 2261

Passcode: 350809

One tap mobile

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Meeting objectives:

- Review COVID-19 data to inform sequencing
- Recommend initial 1b sequencing
- Discuss committee next steps

Welcome	Nhu To-Haynes, Facilitator
COVID-19 data and vaccine sequencing review <ul style="list-style-type: none">• COVID-19 cases and deaths by population groups	Dean Sidelinger and Shimi Sharief, Oregon Health Authority Committee members
1b sequencing discussion <ul style="list-style-type: none">• Discuss 1b recommendation	Nhu To-Haynes, Facilitator Committee members
Committee next steps and closing	Nhu To-Haynes, Facilitator

Everyone has a right to know about and use Oregon Health Authority (OHA) programs and services. OHA provides free help. Some examples of the free help OHA can provide are:

- Sign language and spoken language interpreters
- Written materials in other languages
- Braille
- Large print
- Audio and other formats

If you need help or have questions, please contact COVID-19 Vaccine Advisory Committee staff at 971-673-1222, or covid.vaccineadvisory@dhsoha.state.or.us or 711 TTY.

COVID-19 and its impact in Oregon and the US

January 14, 2021

Communities at greatest risk for severe COVID-19

- Communities of color and tribal communities
- Older adults
- People with Chronic conditions
- People who are pregnant or breastfeeding

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- People with Disabilities (including those with ID/DD)
- Drug Use and Substance Use Disorder
- People Living in Rural Communities

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- People with Disabilities (including those with ID/DD)
- Drug Use and Substance Use Disorder
- People Living in Rural Communities
- People Experiencing Homelessness
- Persons in Correctional and Detention Facilities
- Newly Resettled Refugee Populations
- Nursing Home and Longer-Term Care Facilities
- Group Homes for People with Disabilities

Racial and age disparities in COVID-19 cases and deaths

- By Race/ethnicity Latino/a/x people have been disproportionately affected by COVID-19:
 - Latino/a/x people form **13%** of Oregon's population but **37%** of cases of known ethnicity reported to date

Racial and age disparities in COVID-19 cases and deaths

- By Race/ethnicity Latino/a/x people have been disproportionately affected by COVID-19:
 - Latino/a/x people form **13%** of Oregon's population but **37%** of cases of known ethnicity reported to date
- Hospitalization and death rates increase with age.
 - **3.9%** of Oregonians are 80 years of age or older, but account for 784 (**52%**) of COVID-19- associated deaths;
 - 1,157 (**77%**) of the deaths have been among Oregonians 70 years of age or older.

Structural Racism and health outcomes

The burden of health effects and death from COVID-19 are examples of how structural racism affects options in housing and employment among highly impacted communities.

Race is a proxy to study the effects of structural racism on communities.

Data Visualization tools are available online



Oregon Health Authority COVID-19

Oregon Health Authority | Salem, Oregon, United States | ORalert.gov

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On March 8, 2020, Gov. Kate Brown declared a state of emergency to address the spread of COVID-19 in Oregon. The Oregon Health Authority (OHA) serves as the lead agency for the public health response.

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Vizzes 18

Followers 384



Oregon's COVID-19 Data Dashboards - Table of Contents
281752 views ☆ 20



Oregon COVID-19 Vaccination Trends
221179 views ☆ 18



Oregon COVID-19 Update
976479 views ☆ 34



Oregon Deaths by Age

AGE GROUP

AGE GROUP	Hospitalizations	Deaths	Total	Visual Data
9 and younger	0	5,803	5,803	1,209.1
10 to 19	0	13,403	13,403	2,698.1
20 to 29	2	26,773	26,775	4,821.9
30 to 39	13	22,340	22,353	3,861.6
40 to 49	29	19,792	19,821	3,647.8
50 to 59	102	16,107	16,209	3,029.5
60 to 69	228	10,517	10,745	1,992.0
70 to 79	391	5,970	6,361	1,870.4
80+	848	3,969	4,817	2,873.4
Refused/Unknown	0	320	320	

Hospitalizations



Deaths

- Unknown
- Alive
- Deceased

Oregon Deaths by Race and Ethnicity

RACE

AI/AN*	29	2,256	2,285	4,689.3
Asian	49	3,987	4,036	2,228.4
Black	39	3,034	3,073	3,806.4
Multiracial	35	1,974	2,009	999.6
Pacific Is.*	14	1,136	1,150	6,922.7
White	1,074	58,381	59,455	1,662.5
Other	135	30,355	30,490	
Refused/Unknown	238	23,871	24,109	

ETHNICITY

Hispanic	159	34,520	34,679	6,377.4
Not Hispanic	1,033	59,748	60,781	1,646.0
Refused/Unknown	421	30,726	31,147	

Hospitalizations



Deaths

Unknown
Alive
Deceased

Oregon Hospitalizations by Age

AGE GROUP







AGE GROUP	Hospitalizations	Deaths	Not Hospitalized	Hospitalized	Total
9 and younger	62	1,594	4,147	5,803	1,209.1
10 to 19	100	4,098	9,205	13,403	2,698.1
20 to 29	426	8,557	17,792	26,775	4,821.9
30 to 39	512	6,808	15,033	22,353	3,861.6
40 to 49	712	5,760	13,349	19,821	3,647.8
50 to 59	1,029	4,581	10,599	16,209	3,029.5
60 to 69	1,333	2,769	6,643	10,745	1,992.0
70 to 79	1,420	1,475	3,466	6,361	1,870.4
80+	1,376	1,099	2,342	4,817	2,873.4
Refused/Unknown	22	216	82	320	

Hospitalizations Deaths

■ Not Hospitalized
■ Hospitalization Status Unknown
■ Hospitalized

Oregon Hospitalizations by Race and Ethnicity

RACE

AI/AN*	186	370	1,729	2,285		4,688.3
Asian	262	1,245	2,529	4,036		2,228.4
Black	226	663	2,184	3,073		3,806.4
Multiracial	126	312	1,571	2,009		999.6
Pacific Is.*	119	136	895	1,150		6,922.7
White	4,164	14,463	40,828	59,455		1,662.5
Other	1,289	4,156	25,045	30,490		
Refused/Unknown	620	15,612	7,877	24,109		

ETHNICITY

Hispanic	1,476	5,795	27,408	34,679		6,377.4
Not Hispanic	4,286	11,110	45,385	60,781		1,646.0
Refused/Unknown	1,230	20,052	9,865	31,147		

Hospitalizations Deaths

■ Not Hospitalized
■ Hospitalization Status Unknown
■ Hospitalized

National Data by Age

COVID-19 HOSPITALIZATION AND DEATH BY AGE

FACTORS THAT INCREASE COMMUNITY SPREAD AND INDIVIDUAL RISK



CROWDED SITUATIONS



CLOSE / PHYSICAL CONTACT



ENCLOSED SPACE



DURATION OF EXPOSURE

Rate ratios compared to 18-29 year olds

0-4 years

5-17 years

18-29 years

30-39 years

40-49 years

50-64 years

65-74 years

75-84 years

85+ years

HOSPITALIZATION¹

4x lower

9x lower

Comparison Group

2x higher

3x higher

4x higher

5x higher

8x higher

13x higher

DEATH²

9x lower

16x lower

Comparison Group

4x higher

10x higher

30x higher

90x higher

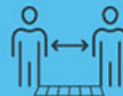
220x higher

630x higher

ACTIONS TO REDUCE RISK OF COVID-19



WEARING A MASK



SOCIAL DISTANCING (6 FT GOAL)



HAND HYGIENE



CLEANING AND DISINFECTION



¹ Data source: COVID-NET (<https://www.cdc.gov/coronavirus/2019-ncov/covid-data/covidview/index.html>, accessed 08/06/20). Numbers are unadjusted rate ratios.

² Data source: NCHS Provisional Death Counts (<https://www.cdc.gov/nchs/nvss/vsrr/COVID19/index.htm>, accessed 08/06/20). Numbers are unadjusted rate ratios.

cdc.gov/coronavirus

National Data by Race and Ethnicity

COVID-19 Cases, Hospitalizations, and Deaths, by Race/Ethnicity

Rate ratios compared to White, Non-Hispanic persons	American Indian or Alaska Native, Non-Hispanic persons	Asian, Non-Hispanic persons	Black or African American, Non-Hispanic persons	Hispanic or Latino persons
Cases ¹	1.8x	0.6x	1.4x	1.7x
Hospitalization ²	4.0x	1.2x	3.7x	4.1x
Death ³	2.6x	1.1x	2.8x	2.8x

Race and ethnicity are risk markers for other underlying conditions that affect health, including socioeconomic status, access to health care, and exposure to the virus related to occupation, e.g., among frontline, essential, and critical infrastructure workers.

How to Slow the Spread of COVID-19



Wear a mask



Stay 6 feet apart



Wash your hands



References on back

cdc.gov/coronavirus

CS319360-A 11/30/2020

High risk medical conditions for severe COVID-19 disease

- Cancer
- Weakened immune system:
 - Solid organ transplant
 - Bone marrow transplant
 - HIV
 - Use of steroids or other medications
- Kidney disease
 - Including dialysis
- Lung disease
 - Chronic obstructive lung disease
 - Emphysema
 - Asthma (moderate to severe)
 - Pulmonary fibrosis (having damaged or scarred lung tissues)
 - Cystic fibrosis

High risk medical conditions for severe COVID-19 disease continued

- Developmental and neurologic
 - Down Syndrome
 - Neurologic conditions, such as dementia
 - Strokes and other cerebrovascular disease
- Heart disease
 - heart failure
 - heart vessel or muscle disease
 - high blood pressure
- Liver disease
- Blood disorders
 - Sickle cell disease
 - Thalassemia

High risk medical conditions for severe COVID-19 disease continued

- Diabetes
 - Type 1
 - Type 2
- Smoking
- Overweight (BMI > 25 kg/m², but < 30 kg/m²)
- Obesity and severe obesity (BMI >30 or 40 respectively)
- Pregnancy

Workplaces and settings at highest risk for transmission

- Hospitals and outpatient healthcare facilities
- Correctional facilities (prisons, jails, juvenile detention)
- Food processing

Workplaces and settings at highest risk for transmission

- Hospitals and outpatient healthcare facilities
- Correctional facilities (prisons, jails, juvenile detention)
- Food processing
- Agriculture and nurseries
- Manufacturing and warehousing
- Construction
- Waste management
- Transportation

Thank you

What questions do you have?

References

<https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-with-medical-conditions.html>

- Accessed 01.08.2021

<https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/index.html>

- Accessed 01.08.2021

https://public.tableau.com/profile/oregon.health.authority.covid.19#!/vizhome/OregonCOVID-19CaseDemographicsandDiseaseSeverityStatewide/DemographicData?:display_count=y&:toolbar=n&:origin=viz_share_link&:showShareOptions=false

- Accessed 01.11.2021

References

<https://www.cdc.gov/coronavirus/2019-ncov/covid-data/investigations-discovery/hospitalization-death-by-age.html>

- Accessed 01.11.2021

<https://www.cdc.gov/coronavirus/2019-ncov/covid-data/investigations-discovery/hospitalization-death-by-race-ethnicity.html>

- Accessed 01.11.2021

COVID-19 Vaccine in Oregon

Sequencing so far

Oregon Phase 1a

- **Group 1:** hospitals; urgent care; skilled nursing and memory care facility HCP and residents; tribal health programs; EMS providers and other first responders
- **Group 2:** other long term care facilities (LTCFs) and congregate care sites including health care providers and residents; hospice programs; mobile crisis care and related services; secure transport; individuals working in a correctional setting
- **Group 3:** outpatient settings serving specific high-risk groups; in home care; day treatment services; non-emergency medical transport (NEMT)
- **Group 4:** HCP in other outpatient, public health and early learning settings; death care workers

Next already prioritized groups

- 0-12 staff and educators
- Adults 65 and older

Remaining groups for discussion

For individuals not already covered in previous groups:

- Adults 16-64 with chronic conditions
- Adults and youth eligible for vaccine in custody (sequence within 1b)
- Frontline workers (not already in Phase 1a or 1b)