

PHAB Accountability Metrics subcommittee
 Communicable disease priorities and indicators
 April 1, 2023

Health outcomes and reduced differences among populations - Proposed indicators	Measure source	Data source	Other Oregon plans that use these measures (if any)	Populations that experience a disproportionate burden of illness, death or risks	Data are reportable at a county level or other geographic breakdowns	Data are reportable by race and ethnicity, gender, sexual orientation, age, disability, income level, insurance status or other relevant risk factor data (when applicable)	Strengths or opportunities of existing data	Limitations of the existing health outcome data	List any ways in which communities have expressed support for this priority area (for example through End HIV Oregon coalition or through community input opportunities)
Seasonal and emerging respiratory pathogens									
All respiratory outbreaks (influenza-like illness, RSV, COVID and others) in long-term care facilities	ACDP	Filemaker Outbreaks database		Elderly people living in congregate care, staff likely to be members of marginalized populations (low income, low educational attainment)		No individual level data collected, typically track number of cases, duration of outbreak, what control measures implemented, such as vaccination of staff or use of antiviral prophylaxis			
Influenza hospitalization and mortality rates	ACDP	Emerging Infections Program COVID-Net data, Center for Health Statistics Vital Records		Elderly, people who live in congregate settings, Black, Native American/Alaska Native, Latinx, Native Hawaiian/Pacific Islander people, pregnant people, comorbid health conditions such as heart disease, lung disease, people with immunocompromising conditions		REALD/SOGI unavailable, but age, gender, census race/ethnicity categories, and insurance data are available for hospitalizations in tricity area and deaths statewide	Already have high quality surveillance for influenza hospitalizations, data available within months of end of respiratory season Already have existing dashboards	Hospitalization data unavailable outside tricity area Death certificate data has one year lag time	
Influenza vaccination rates	Immunization program	ALERT IIS https://www.oregon.gov/oha/PH/DiseasesConditions/CommunicableDisease/DiseaseSurveillanceData/Influenza/Pages/surveil.aspx https://www.oregon.gov/oha/PH/PreventionWellness/VaccinesImmunization/Pages/researchadult.aspx	HP 2030 goal to increase proportion of people who get the flu vaccine every year. Former Oregon Public Health Key Performance Measure	Elderly, infants and young children, people who live in congregate settings, Black, Native American/Alaska Native, Latinx, Native Hawaiian/Pacific Islander people, pregnant people, people with comorbid health conditions such as heart disease, lung disease, immunocompromising conditions		Data can be stratified by age, sex, race and ethnicity, Medicaid and Vaccines for Children Program participation and geographic area down to zip code.	Data already collected. Reporting to ALERT IIS is high. Tableau dashboard will be available for upcoming 23/24 flu season. Data can be transferred easily to LPHAs via SFTP.	REALD data currently not available with ALERT IIS. REALD data may become available with new statewide IIS, at least 5 years out. National denominators may not be available for small geographic areas such as zip code or census tract to support the use of the data broken down by age and race and ethnicity. Data is subject to small numbers limitations and privacy protections.	Communities and partners have expressed interest in targeted flu measures numerous times. Most often with a desire to focus on populations at risk including people living in long term and congregate care or people over the age of 65.
Sexually transmitted infections									
Rate of congenital syphilis	HST	ORPHEUS	END HIV/STI Oregon	Black, Native American/Alaska Native, Latinx, Native Hawaiian/Pacific Islander people, people who use drugs, people who are unhoused, people involved in the criminal justice system, youth, queer and trans people, people with prior STI diagnoses, people who live in rural and frontier	Yes	Yes	A census of all cases	Limitations to the social determinants of health that are collected which limit policy and program development; room for improvement with REAL-D and SOGI data collection	END HIV/STI Oregon; Northwest Portland Area Indian Health Board; March of Dimes; Oregon Perinatal Collaborative

Rate of any stage of syphilis among people who can become pregnant	HST	ORPHEUS	END HIV/STI Oregon	Black, Native American/Alaska Native, Latinx, Native Hawaiian/Pacific Islander people, people who use drugs, people who are unhoused, people involved in the criminal justice system, youth, queer and trans people, people with prior STI diagnoses, people who live in rural and frontier areas	Yes	Yes	A census of all cases	Limitations to the social determinants of health that are collected which limit policy and program development; room for improvement with REAL-D and SOGI data collection	END HIV/STI Oregon
Rate of primary and secondary syphilis	HST	ORPHEUS	END HIV/STI Oregon	Black, Native American/Alaska Native, Latinx, Native Hawaiian/Pacific Islander people, people who use drugs, people who are unhoused, people involved in the criminal justice system, youth, queer and trans people, people with prior STI diagnoses, people who live in rural and frontier areas	Yes	Yes	A census of all cases	Limitations to the social determinants of health that are collected which limit policy and program development; room for improvement with REAL-D and SOGI data collection	END HIV/STI Oregon
Rate of gonorrhea	HST	ORPHEUS	END HIV/STI Oregon, Healthy Together Oregon	Black, Native American/Alaska Native, Latinx, Native Hawaiian/Pacific Islander people, people who use drugs, people who are unhoused, people involved in the criminal justice system, youth, queer and trans people, people with prior STI diagnoses, people who live in rural and frontier areas	Yes	Yes	A census of all cases	Limitations to the social determinants of health that are collected which limit policy and program development; room for improvement with REAL-D and SOGI data collection	END HIV/STI Oregon, Healthy Together Oregon
HIV									
Rate of new HIV infections	HST	ORPHEUS	END HIV/STI Oregon	Black, Native American/Alaska Native, Latinx, Native Hawaiian/Pacific Islander people, people who use drugs, people who are unhoused, people involved in the criminal justice system, youth, queer and trans people, people with prior STI diagnoses, people who live in rural and frontier areas	Yes	Yes	A census of all cases	Limitations to the social determinants of health that are collected which limit policy and program development; room for improvement with REAL-D and SOGI data collection	END HIV/STI Oregon

Proportion of PLWH with an undetectable viral load within 3 months of diagnosis	HST	ORPHEUS	END HIV/STI Oregon	Black, Native American/Alaska Native, Latinx, Native Hawaiian/Pacific Islander people, people who use drugs, people who are unhoused, people involved in the criminal justice system, youth, queer and trans people, people with prior STI diagnoses, people who live in rural and frontier areas	Yes	Yes		Limitations to the social determinants of health that are collected which limit policy and program development; room for improvement with REAL-D and SOGI data collection; data also depends on providers ordering routine labs	END HIV/STI Oregon
Proportion of PLWH with an undetectable viral load in the prior year	HST	ORPHEUS	END HIV/STI Oregon	Black, Native American/Alaska Native, Latinx, Native Hawaiian/Pacific Islander people, people who use drugs, people who are unhoused, people involved in the criminal justice system, youth, queer and trans people, people with prior STI diagnoses, people who live in rural and frontier areas	Yes	Yes		Limitations to the social determinants of health that are collected which limit policy and program development; room for improvement with REAL-D and SOGI data collection; data also depends on providers ordering routine labs	END HIV/STI Oregon

Viral hepatitis

Rates of acute hepatitis, including by race, ethnicity, gender, sexual orientation, housing status (includes carceral setting), injection drug use.	ACDP	ORPHEUS	Healthy People 2030 goals to reduce infections caused by Salmonella and Shiga toxin-producing E. coli (STEC) infections HP 2030 goals to increase proportion of adults who get recommended vaccines Existing PH modernization goal to increase rates of vaccinations in 2 year olds	Varies by infection, but most have documented racial disparities and higher rates in houseless populations		REALD/SOGI data available, along with age and risk factors.	These data are already collected, and represent an important part of routine CD work, would be easy to come up with process indicators for county	Small numbers make this individual pathogens difficult for most counties, but data are already routinely collected and are available quickly. Could develop composite score by combining diseases	Regional Health Equity Coalitions
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Vaccine preventable diseases

Rates of high impact vaccine preventable diseases (pertussis, measles), including by race, ethnicity, gender, sexual orientation, housing status (includes carceral setting), injection drug use.									
Adolescent vaccination rates	Oregon Immunization Program	ALERT IIS https://www.oregon.gov/oha/PH/PreventionWellness/Vaccines/Immunization/Pages/researchteen.aspx	Existing CCO incentive measure for HEDIS adolescent combo 2	Elderly, infants and young children, people who live in congregate settings, Black, Native American/Alaska Native, Latinx, Native Hawaiian/Pacific Islander people, pregnant people, people with comorbid health conditions such as heart disease, lung disease, immunocompromising conditions		Data can be stratified by age, sex, race and ethnicity, Medicaid and Vaccines for Children Program participation and geographic area down to zip code.	Data is already collected and reporting to ALERT IIS is high. Population capture for patients under the age of 18 is estimated to be over 95%. Data is currently produced annually and expected to be published quarterly by 6/30/2024. Data can be transferred easily to LPHAs via SFTP.	REALD data currently not available with ALERT IIS. REALD data may become available with new statewide IIS, at least 5 years out. National denominators may not be available for small geographic areas such as zip code or census tract to support the use of the data broken down by age and race and ethnicity. Data is subject to small numbers limitations and privacy protections.	Recent interest from several communities has been expressed for improving HPV rates, including from Native American Community Groups working in the Portland Metro Area

Adult vaccination rates	Oregon Immunization Program	ALERT IIS https://www.oregon.gov/oha/PH/PREVENTIONWELLNESS/VACCINES/IMMUNIZATION/Pages/researchadult.aspx		Elderly, infants and young children, people who live in congregate settings, Black, Native American/Alaska Native, Latinx, Native Hawaiian/Pacific Islander people, pregnant people, people with comorbid health conditions such as heart disease, lung disease, immunocompromising conditions		Data can be stratified by age, sex, race and ethnicity, Oregon Vaccine Access Program Participation for uninsured adults and geographic area down to zip code.	Data is already collected and reporting to ALERT IIS is high. Data was produced annually through 2019 and annual data will be published by 12/31/2023. Data can be transferred easily to LPHAs via SFTP.	REALD data currently not available with ALERT IIS. REALD data may become available with new statewide IIS, at least 5 years out. National denominators may not be available for small geographic areas such as zip code or census tract to support the use of the data broken down by age and race and ethnicity. Data is subject to small numbers limitations and privacy protections.	
Two year old vaccination rates	Oregon Immunization Program	ALERT IIS https://www.oregon.gov/oha/PH/PREVENTIONWELLNESS/VACCINES/IMMUNIZATION/Pages/researchchild.aspx	Existing CCO incentive measure for HEDIS childhood combo 3 Existing PH modernization goal to increase rates of vaccinations in 2 year olds.	Elderly, infants and young children, people who live in congregate settings, Black, Native American/Alaska Native, Latinx, Native Hawaiian/Pacific Islander people, pregnant people, people with comorbid health conditions such as heart disease, lung disease, immunocompromising conditions		Data can be stratified by age, sex, race and ethnicity, Medicaid and Vaccines for Children Program participation and geographic area down to zip code.	Data is already collected and reporting to ALERT IIS is high. Population capture for patients under the age of 18 is estimated to be over 95%. Data is currently produced annually and expected to be published quarterly by 6/30/2024. Data can be transferred easily to LPHAs via SFTP.	REALD data currently not available with ALERT IIS. REALD data may become available with new statewide IIS, at least 5 years out. National denominators may not be available for small geographic areas such as zip code or census tract to support the use of the data broken down by age and race and ethnicity. Data is subject to small numbers limitations and privacy protections.	
School vaccination rates and Non-medical exemption rate	Oregon Immunization Program	IRIS, Immunization Primary Review Summary Reports https://public.tableau.com/app/profile/oregon.immunization.program/viz/SchoolLawTableau/Kimmunizations	Oregon School Immunization Law	Elderly, infants and young children, people who live in congregate settings, Black, Native American/Alaska Native, Latinx, Native Hawaiian/Pacific Islander people, pregnant people, people with comorbid health conditions such as heart disease, lung disease, immunocompromising conditions		Data is available statewide, by county, and by school, as well as school population characteristics	Data is available statewide, by county, and by school, as well as school population characteristics. Specific focus on number and percent of exclusion orders may be an indicator of vaccine access	Limited demographic data is available due to privacy protections. Race and ethnicity, and geographic data outside of school location is not available.	
Foodborne diseases									
Rates of foodborne illness, including by race, ethnicity, gender, sexual orientation, housing status (includes carceral setting), injection drug use.									
Tuberculosis									
Rate of active TB infection	HST	ORPHEUS	National TB Elimination Plan	Pacific Islanders, people who are unhoused, people involved in the criminal justice system, new arrivals to the US from other countries	Yes	Yes	A census of all active TB cases; we do not collect data on LTBI	Limitations to the social determinants of health that are collected which limit policy and program development; room for improvement with REAL-D and SOGI data collection	Ongoing work with Pacific Islander community groups