

## Data Sources for Health Assessments and Health Improvement Plans

Health assessments and improvement plans use various types of data to describe a community's health, identify key concerns, and track changes over time. This data comes from national, state, and local sources and is collected through methods like surveys, service data, interviews, and focus groups. Using these data sources helps create a comprehensive understanding of a community's health strengths and needs. Health improvement plans use this data to measure if the desired improvements are happening.

The table below lists possible data sources for health assessment and improvement planning in Oregon. It is divided into two categories: resources published by the Oregon Health Authority and those published by other organizations. Each entry includes a brief description, the availability of sub-analysis, and a link to the resource.

When reviewing data sources, consider their limitations, especially regarding validity and reliability for specific communities. If traditional data is missing for certain communities, look for more qualitative and community-based data. Also, aim to understand and practice the decolonization of data, from collection to analysis and reporting.

To monitor health improvement plans, choose "indicators" from data sources to set a baseline and measure progress. For example, one indicator could be the "Percentage of tobacco users among Oregon adults" from [Oregon's State Health Indicators](#). Good indicators should:

- Be relevant and show necessary information about the system.
- Be analyzed by subgroups (e.g., race/ethnicity, gender, sexual orientation, disability, geography, income) to show disparities.
- Be easy to understand, even for non-experts.
- Be reliable and trustworthy.
- Be based on accessible data that can be gathered in time to take action.

## Oregon Health Authority Resources

### Public health reports and databases

Data source	Description	Available sub-analyses	Link
State Health Assessment and Indicators	Comprehensive description of health and complementary population health indicators from common data sets including vital statistics, Behavioral Risk Factor Surveillance Survey (BRFSS), Student Health Survey data, and others.	Varies by measure, county, race/ethnicity, income, age, gender, disability, sexual orientation.	<a href="https://www.oregon.gov/oha/PH/ABOUT/Pages/HealthStatusIndicators.aspx">https://www.oregon.gov/oha/PH/ABOUT/Pages/HealthStatusIndicators.aspx</a>
Oregon Health Authority – Public Health Division Data and Statistics	Comprehensive listing of Oregon public health data and reports.	Varies by report, many include county and race/ethnicity	<a href="https://www.oregon.gov/oha/PH/DATASERVICES/Pages/index.aspx">https://www.oregon.gov/oha/PH/DATASERVICES/Pages/index.aspx</a>
Oregon Behavioral Risk Factor Surveillance System (BRFSS)	The BRFSS is the largest, continuously conducted, health survey. Collects data on varied and broad health behaviors and outcomes.	County, age and gender. Additional analysis available upon request.	<a href="https://www.oregon.gov/oha/PH/BehavioralRisk/Pages/index.aspx">https://www.oregon.gov/oha/PH/BehavioralRisk/Pages/index.aspx</a>
Vital Statistics Data Dashboards	Dashboards for birth, pregnancy, mortality and injury	Varies by measure, age, gender, race/ethnicity and county	<a href="https://www.oregon.gov/oha/PH/BIORITHDEATHCERTIFICATES/VITALSTATISTICS/ANNUALREPORTS/Pages/index.aspx">https://www.oregon.gov/oha/PH/BIORITHDEATHCERTIFICATES/VITALSTATISTICS/ANNUALREPORTS/Pages/index.aspx</a>
Social Resilience Indicators	Led by the <u>Program Design and Evaluation Services</u> in partnership with the <u>Environmental Public Health Tracking</u> program, helped us take a closer look at how we might measure social resilience. The project included a literature review across several fields of study including sociology, community psychology and disaster preparedness and the development of an annotated bibliography and a “menu” of indicator categories, measures, and potential data sources.	Varies by measure, some available by county	<a href="https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/CLIMATECHANGE/Pages/social-resilience.aspx">https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/CLIMATECHANGE/Pages/social-resilience.aspx</a>
Oregon Health Authority – Acute & Communicable	Comprehensive listing of data sources that ACDP shares publicly	Varies by report	<a href="#">Links to data that ACDP shares publicly</a>

Disease Prevention (ACDP)			
Oregon Public Health Assessment Tool (OPHAT)	Provides a searchable database containing population health information. Includes data from/related to BRFSS, vital statistics (birth and death data), communicable disease (HIV, STIs and TB), fertility, infant mortality, pregnancy and abortion.	County; race/ethnicity	Contact <a href="mailto:OPHAT.Administration@odhsoha.oregon.gov">OPHAT.Administration@odhsoha.oregon.gov</a> to access an account
Oregon ESSENCE Summer Hazard Report	Provides total daily counts of emergency department (E.D.) and urgent care center visits in Oregon. Includes heat-related illness, submersion events, wildfire-related smoke inhalation, and air quality-related respiratory illness.	State; county; hospital; urgent care	<a href="https://public.tableau.com/app/profile/oregon.public.health.division.acute.and.communicable.disease.pre/viz/ESSENCESummerHazardReport/Intro?utm_medium=email&amp;utm_source=govdelivery">https://public.tableau.com/app/profile/oregon.public.health.division.acute.and.communicable.disease.pre/viz/ESSENCESummerHazardReport/Intro?utm_medium=email&amp;utm_source=govdelivery</a>
Oregon Health Authority – Climate Change and Public Health	Oregon's Climate and Health Program is working with partners to study, prevent and plan for the health effects of climate change. Includes reporting on climate and health.	State; county; race/ethnicity;	<a href="https://www.oregon.gov/oha/PH/HealthyEnvironments/climatechange/Pages/index.aspx">https://www.oregon.gov/oha/PH/HealthyEnvironments/climatechange/Pages/index.aspx</a>
Oregon Environmental Public Health Tracking	Includes a searchable database of environmental health information in four categories: environmental quality, health outcomes, people, and community design	County where available	<a href="https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/TRACKINGASSESSMENT/ENVIRONMENTALPUBLICHEALTHTRACKING/Pages/index.aspx">https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/TRACKINGASSESSMENT/ENVIRONMENTALPUBLICHEALTHTRACKING/Pages/index.aspx</a>
Oregon Pregnancy Risk Assessment Monitoring System (PRAMS)	PRAMS collects data on maternal attitudes and experiences prior to, during, and immediately after pregnancy for a sample of Oregon women. The sample data are analyzed in a way that allows findings to be applied to all Oregon women who have recently had a baby.	State	<a href="http://www.oregon.gov/oha/ph/HEALTHYPEOPLEFAMILIES/DATAREPORTS/PRAMS/Pages/index.aspx">www.oregon.gov/oha/ph/HEALTHYPEOPLEFAMILIES/DATAREPORTS/PRAMS/Pages/index.aspx</a>
Student Health Survey (Previously Oregon Healthy Teens and Student Wellness Survey)	Health-focused survey of Oregon sixth, eighth and eleventh grade students.	County; school district	<a href="http://www.oregon.gov/oha/PH/BIRTHDEATHCERTIFICATES/SURVEYS/Pages/student-health-survey.aspx">www.oregon.gov/oha/PH/BIRTHDEATHCERTIFICATES/SURVEYS/Pages/student-health-survey.aspx</a>

Oregon Early Childhood Health in Oregon (ECHO) Survey	ECHO collects data on the attitudes and experiences of mothers and three-year-olds. We follow up with mothers who answered the PRAMS survey to learn more about the health and well-being of preschoolers and their families.	Varies by measure	<a href="http://www.oregon.gov/oha/ph/HEALTHYPEOPLEFAMILIES/DATAREPORTS/PRAMS/Pages/index.aspx">www.oregon.gov/oha/ph/HEALTHYPEOPLEFAMILIES/DATAREPORTS/PRAMS/Pages/index.aspx</a>
Opioid Data Dashboard	Interactive tool containing state and county level data on controlled substance prescribing and drug overdose health outcomes (hospitalizations and deaths).	State; county	<a href="http://www.oregon.gov/oha/ph/PreventionWellness/SubstanceUse/Opioids/Pages/data.aspx">www.oregon.gov/oha/ph/PreventionWellness/SubstanceUse/Opioids/Pages/data.aspx</a>
Oregon Violent Death Reporting System Data Dashboard	Provides data on firearm, suicide and homicide deaths	County, age, gender, race/ethnicity	<a href="http://www.oregon.gov/oha/PH/DISEASESCONDITIONS/INJURYFATALITYDATA/Pages/nvdrs.aspx#dashboard">www.oregon.gov/oha/PH/DISEASESCONDITIONS/INJURYFATALITYDATA/Pages/nvdrs.aspx#dashboard</a>
Oregon Health Authority – Equity and Inclusion Division	Links to reports and data provided by OHA’s the Equity and Inclusion Division	Race/ethnicity	<a href="http://oregon.gov/oha/OEI/Pages/Reports.aspx">oregon.gov/oha/OEI/Pages/Reports.aspx</a>
Health System Transformation Reports	Reports include progress among Oregon's coordinated care organizations (CCO) on health care quality measures.	CCO; race/ethnicity	<a href="https://www.oregon.gov/oha/HPA/dsi-tc/Pages/Transformation-Quality-Strategy-Tech-Assist.aspx">https://www.oregon.gov/oha/HPA/dsi-tc/Pages/Transformation-Quality-Strategy-Tech-Assist.aspx</a>
Oregon Health Authority – Office of Health Analytics	The Office of Health Analytics is a single point of accountability for continual improvement of health analytics coordination and data integration across the Oregon Health Authority and Department of Human Services programs. Includes data from the Consumer Assessment of Healthcare Providers and Systems (CAHPS) Survey, healthcare workforce reporting, Oregon health insurance survey, and the mental health statistics improvement program.	County; CCO; race/ethnicity; gender; age; primary language	<a href="http://oregon.gov/oha/hpa/analytics/pages/index.aspx">oregon.gov/oha/hpa/analytics/pages/index.aspx</a>

Measure 110 reports	Measure 110 is a first-in-the nation program that dramatically expands access to substance use and recovery, and harm reduction services. This transformative new approach includes establishment of 42 Behavioral Health Resource Networks (BHRNs) throughout Oregon – with at least one in every county – providing comprehensive treatment and supports without regard to a person’s ability to pay. To date Measure 110 providers have reported five quarters of data and expenditures. Data is still provisional and subject to revision.	County; race; gender; age	<a href="https://www.oregon.gov/oha/HSD/AMH/Pages/Measure110.aspx">https://www.oregon.gov/oha/HSD/AMH/Pages/Measure110.aspx</a>
System of Care Advisory Council Dashboard	This dashboard displays data for young people involved with child serving systems. It combines data from Child Welfare, the Office of Developmental Disabilities Services, Oregon Health Authority and juvenile justice. Data displays are under development in consultation with the <a href="#">System of Care Advisory Council</a> and state agencies.	CCO; County; Gender; Age; Race/Ethnicity; Date; Behavioral Health; Child Welfare; Developmental Disability; Juvenile Justice	<a href="https://www.oregon.gov/odhs/data/pages/cw-dashboard-soc.aspx">https://www.oregon.gov/odhs/data/pages/cw-dashboard-soc.aspx</a>

**External Resources**

**Demographic data**

Data source	Description	Available sub-analyses	Link
United States Census Bureau	Provides reports of census data	State; county; zip code; total population; race/ethnicity; age; gender; disability; education, employment, income/earnings, insurance coverage, language, marital/fertility status, origins, population change, poverty, relationship, veterans, and housing.	<a href="https://data.census.gov/">https://data.census.gov/</a>
Places: Local Data for Better Health	PLACES is a collaboration between CDC, the Robert Wood Johnson Foundation, and the CDC Foundation. PLACES is an expansion of the 500 Cities project. PLACES provides health data for small areas across the country. This allows local health departments and jurisdictions, regardless of population size and rurality, to better understand the burden and geographic distribution of health measures in their areas and assist them in planning public health interventions.	PLACES provides model-based, population-level analysis and community estimates of health measures to all counties, places (incorporated and census designated places), census tracts, and ZIP Code Tabulation Areas (ZCTAs) across the United States	<a href="https://www.cdc.gov/places/">https://www.cdc.gov/places/</a>
<b>Health care data</b>			
Health Resources and Services Administration (HRSA) data and reports	Provides national data from HRSA, the primary Federal agency for improving access to health care by strengthening the health care workforce, building healthy communities and achieving health equity. Topics include: health workforce, shortage areas, organ donation and	County	<a href="https://data.hrsa.gov/">https://data.hrsa.gov/</a>

	transplantation, national practitioner data bank, and maternal and child health data.		
The Kaiser Family Foundation	This non-profit organization's website offers data on policy research, basic facts and numbers on various topics, including: disparities, global health, health costs, health reform, HIV/AIDS, Medicaid, Medicare, private insurance, uninsured, and women's health.	State	<a href="http://kff.org">kff.org</a>
Agency for Health Care Research and Quality (AHRQ): HCUPnet	HCUPnet is a free, on-line query system based on data from the Healthcare Cost and Utilization Project (HCUP). It provides access to health statistics and information on hospital inpatient and emergency department utilization.	County; Congressional district	<a href="http://hcupnet.ahrq.gov/">hcupnet.ahrq.gov/</a>
National Survey on Drug Use and Health	The National Survey on Drug Use and Health (NSDUH) provides up-to-date information on tobacco, alcohol, and drug use, mental health and other health-related issues in the United States.	State	<a href="http://nsduhweb.rti.org/respweb/homepage.cfm">nsduhweb.rti.org/respweb/homepage.cfm</a>
<b>Social determinants of health and health equity</b>			
Coalition of Communities of Color	Provides reports on communities of color in Portland metro area and other reports about health equity policy.	County; race/ethnicity	<a href="http://www.coalitioncommunitiescolor.org/research-and-publications">www.coalitioncommunitiescolor.org/research-and-publications</a>
County Health Rankings and Roadmaps	The annual <i>County Health Rankings</i> measures vital health factors, including high school graduation rates, obesity, smoking, unemployment, access to healthy foods, the quality of air and water, income, and teen births in nearly every county in America.	County	<a href="http://www.countyhealthrankings.org">www.countyhealthrankings.org</a>
Kids Count Data Center	KIDS COUNT is a project of the Annie E. Casey Foundation and a premier source of data on children and families. Data related to economic well being, education, family and community, health, and safety.	County	<a href="http://datacenter.kidscount.org">datacenter.kidscount.org</a>

Park and recreation access	Percentage of population within a 10-minute walk to a park	Data for all Oregon cities with population greater than 5,000 people. By race/ethnicity, age, income	<a href="https://parkserve.tpl.org/mapping/">https://parkserve.tpl.org/mapping/</a>
Food insecurity	Food insecurity and food costs at the local level	County, congressional district	<a href="http://map.feedingamerica.org">map.feedingamerica.org</a>
Early Learning	The Early Learning Map of Oregon map describes Oregon’s geographic regions in terms of community and family strengths and needs, the availability of childcare, and key indicators of school readiness and early school success for children.	Varies by measure; by counties, regions, districts, and tracts. Race/ethnicity, household composition, primary language	<a href="http://davidmc.shinyapps.io/oregon-ece-app">davidmc.shinyapps.io/oregon-ece-app</a>
K-12 education	Oregon Department of Education data related to graduation rates, dropout rates, attendance and absenteeism.	Varies by measure, by school district, school, race/ethnicity, grade	<a href="http://www.oregon.gov/ode/reports-and-data/Pages/default.aspx">www.oregon.gov/ode/reports-and-data/Pages/default.aspx</a>
Post-secondary education	The Higher Education Coordinating Commission is responsible for conducting data collection, analysis, reporting, and research on all sectors of postsecondary education in Oregon. Compiles data related to enrollment, affordability, and outcomes	By community college, and student demographics	<a href="http://www.oregon.gov/highered/research/Pages/research.aspx">www.oregon.gov/highered/research/Pages/research.aspx</a>
Housing	Oregon Housing and Community Services housing related data for Oregon, including rental affordability, homeownership, homelessness, and foreclosure.	Varies by measure, by county, race/ethnicity, age, gender	<a href="https://www.oregon.gov/ohcs/development/pages/housing-data-analysis.aspx">https://www.oregon.gov/ohcs/development/pages/housing-data-analysis.aspx</a>
Air quality	Real-time air quality index visual map from Oregon Department of Environmental Quality		<a href="http://aqicn.org/map/oregon">aqicn.org/map/oregon</a>
Healthy People 2030	Healthy People 2030 sets data driven national objectives to improve health and well-being.	National	<a href="http://health.gov/healthypeople">health.gov/healthypeople</a>
Opportunity 360	Opportunity360 Community Dashboards allow data comparison for up to three census tracts, for over 150 indicators from 27 sources. Indicators are grouped into 6 sections: Housing	Census tract	<a href="http://www.enterprisecommunity.org/opportunity360">www.enterprisecommunity.org/opportunity360</a>



	Stability, Education, Health & Well-being, Economic Security, Mobility and a Community Profile with demographic and descriptive information. Dashboards are interactive, mobile friendly and ADA compliant		
Crime and domestic violence	Data on crime, victims and arrests, provide by the Oregon State Police.	County, age, sex, race/ethnicity	<a href="http://www.oregon.gov/osp/Pages/Uniform-Crime-Reporting-Data.aspx">www.oregon.gov/osp/Pages/Uniform-Crime-Reporting-Data.aspx</a>
Abuse and neglect	Oregon Department of Human Services data on Child welfare	County	<a href="https://www.oregon.gov/odhs/data/pages/cw-data.aspx">https://www.oregon.gov/odhs/data/pages/cw-data.aspx</a>
Oregon by the Numbers	The annual <i>Oregon by the Numbers</i> report assembles a suite of community measures and displays them in an easy-to-digest format including charts and infographics. It features compact county portraits for all 36 Oregon counties as well as corresponding measure profiles, with rankings whenever possible. Measures include demographics, social issues, education, the economy, health and infrastructure.	County	<a href="https://www.tfff.org/oregon-numbers/">https://www.tfff.org/oregon-numbers/</a>
Urban Indian Health Institute	Health data about the urban AI/AN community in Portland.	Portland metro	<a href="http://www.uihi.org/urban-indian-health/data-dashboard">www.uihi.org/urban-indian-health/data-dashboard</a>
Opportunity Atlas	Visualizes how economic opportunity and upward mobility varies across neighborhoods through longitudinal information.	Census tract	<a href="http://www.opportunityatlas.org">www.opportunityatlas.org</a>
National Equity Atlas	Detailed report card on racial and economic equity.	By region (metropolitan areas) and some cities.	<a href="http://nationalequityatlas.org">nationalequityatlas.org</a>
<b>Rural health</b>			
OHSU Office of Rural Health	The Oregon Office of Rural Health operates an information clearinghouse, which provides rural health information to health care providers, elected officials and government agencies, educators and members of the public.	Varies by report; breakouts include Health Districts, Rural Service Areas, Health Professional Shortage Areas	<a href="https://www.ohsu.edu/oregon-office-of-rural-health">https://www.ohsu.edu/oregon-office-of-rural-health</a>