County Webinar Vital Statistics

Center for Health Statistics



Today's Agenda

- Dual Purpose of Vital Records
- What are Vital Statistics?
- County Role in Vital Statistics
- Importance of Confidentiality
- Responsibilities of the Statistics Unit
- Uses of Vital Statistics
- Publicly available data on CHS website
 - Birth and death preliminary and final data
 - Annual reports

Center for Health Statistics

- Statistics Dashboards
- Data Use Requests and Other Resources

PUBLIC HEALTH DIVISION







Dual Purpose of Vital Records

Legal record of a vital event

- Birth records establish identity and paternity
- Death records settle matters of estate
- Mandated by ORS <u>432</u>
- Instructions from OAR 333-011

Primary source of population health data

- Birth rates and outcomes
- Prenatal care utilization
- Leading causes of death
- Life expectancy estimates







Vital Statistics

- Data compiled and analyzed for public health program planning and policy development.
- The primary data sources used for measuring health indicators such as:
 - Infant mortality
 - Leading causes of death
 - Low birth weight babies
 - Emerging diseases
 - Mom's access to prenatal care









Importance of Confidentiality

- Federal regulations and state statutes exist to protect this data
 - Personally Identifiable Information (PII)
 - Protected Health Information (PHI)
- County Release of Vital Record Data:
 - Vital Records certificates to eligible applicants
 - Voter registration roll update to county clerk

Any other releases of vital records or their data must be reviewed by CHS









The VITAL Role You Play in Records

According to OAR <u>333-011</u>, County Registrar duties include:

- Registration of death records
- Notarize Acknowledgment of Paternity forms
- Issuance of certified copies for birth and death records
- Confidentiality of records
- Physical security of documents





Responsibilities of the Statistics Program

- Reviews records for data quality & consistency
 - Registration
 - **OVERS**
 - National Center for Health Statistics (NCHS)









Responsibilities of the Statistics Program

- Summarize, analyze, and publish vital record data
 - Births
 - Deaths
 - Fetal Deaths
 - Infant Deaths
 - Abortions
 - Marriage, ORDP, Divorce, Dissolution
- Report to National Center for Health Statistics
- Data Use Requests



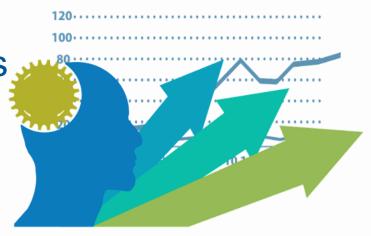






Uses of Vital Statistics

- Analyze health trends
- Plan public health programs and interventions
- Develop policy
- Provide foundational information for many public health indicators
- Share data with National Center for Health Statistics (NCHS)









Publicly Available Data and Reports: Statistics Unit Publications

- Main Statistics unit web page: <u>http://healthoregon.org/vitalstats</u>
- Year-to-date tables published quarterly as PDF's. Death preliminary dashboards are updated monthly
- Finalized data published in our annual report
- Data Dashboards http://bit.ly/ORVRAnnRpts





Vital Statistics page

About Vital Statistics

Vital statistics are the compilation and analysis of information collected from vital event records reported in Oregon. Oregon's Center for Health Statistics is responsible for compiling and analyzing the data from these vital records.

Some of the most important information about the health of Oregonians comes from vital records, such as leading causes of death, low birth weight babies, and mother's access to prenatal care. Vital records data are used throughout the state and nation for analysis of health trends, program planning, and policy development.

Preliminary, Year-to-Date and Final Data

- Births
- Deaths
- Marriages
- Divorces
- Domestic Partnerships
- · Dissolutions of Domestic Partnership
- Fetal Deaths
- Induced Abortions
- Teen Pregnancies
- Data Use Requests

Related Data and Publications

- Annual Reports and the <u>CD Summary</u> Newsletter
- <u>Vital Records FAQ</u> How to order birth, death, marriage or divorce certificates
- Archived reports: Selected health status reports and "Health Trends" newsletter issues

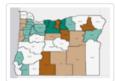
Health Behavior Survey Data

- Healthy Teen Survey
- Adult BRFSS Survey

PUBLIC HEALTH DIVISION Center for Health Statistics

Data Visualizations

The Center for Health Statistics creates data dashboards & maps showing key health indicators involving birth, death, and teen pregnancy data.



- · Annual Report Data Dashboards
- Vital Statistics Data Maps
- Life Expectancy in Oregon by Census Tract (USALEEP)

Contact Us

- Health Statistics Staff
- Find Us



Birth Preliminary, Year-to-date and Final Data

Preliminary, Year-to-Date and Final Data

- Births
- Death:
- Marriages
- Divorces
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Year-to-Date, Preliminary, and Final Birth Data Tables

The following tables provide the most current statistics on births in Oregon by county. Preliminary data has not been edited or finalized. All documents are in Adobe PDF format. Be sure to check out our <u>birth & pregnancy annual report data dashboards</u> as well for final data on a number of additional topics.

Status	Age of Mother	Birthweight	Adequate Prenatal Care	First Trimester Care	Marital Status	Month of Occurrence	First Births	Final Method of Delivery by Facility	Month by Facility
Quarterly year-to-date	2024	2024	2024	2024	2024	2024	2024	2024	2024
Preliminary	2023	2023	2023	2023	2023	2023	2023	2023	2023
Final	2022	2022	<u>2022</u>	<u>2022</u>	2022	2022	2022	2022	2022
	<u>2021</u>	2021	2021	<u>2021</u>	<u>2021</u>	2021	<u>2021</u>	2021	<u>2021</u>
	2020	2020	2020	2020	<u>2020</u>	2020	2020	2020	2020
	2019	2019	2019	<u>2019</u>	<u>2019</u>	2019	<u>2019</u>	2019	2019
	<u>2018</u>	2018	2018	2018	<u>2018</u>	2018	<u>2018</u>	2018	<u>2018</u>
	<u>2017</u>	2017	<u>2017</u>	<u>2017</u>	<u>2017</u>	2017	<u>2017</u>	2017	<u>2017</u>
	<u>2016</u>	2016	2016	<u>2016</u>	<u>2016</u>	2016	<u>2016</u>	2016	<u>2016</u>
	2015	<u>2015</u>	<u>2015</u>	<u>2015</u>	2015	2015	2015	2015 (rev.11/2/2016)	2015 (rev.11/2/2016





Year-to-Date, Preliminary, and Final Birth Data Tables

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Quarterly year-to-date	<u>2024</u>	<u>2024</u>	2024	2024	<u>2024</u>	2024	2024	<u>2024</u>	<u>2024</u>
Preliminary	<u>2023</u>	2023	2023	2023	<u>2023</u>	2023	2023	<u>2023</u>	23
Final	<u>2022</u>	2022	2022	2022	2022	2022	2022	2022	
	<u>2021</u>	<u>2021</u>	<u>2021</u>	<u>2021</u>	<u>2021</u>	<u>2021</u>	1 1		
	<u>2020</u>	2020	2020	2020	<u>2020</u>	<u>2020</u>	1 2		
	<u>2019</u>	<u>2019</u>	<u>2019</u>	<u>2019</u>	<u>2019</u>	<u>2019</u>	<u>2019</u> L	<u>2019</u>	
	<u>2018</u>	<u>2018</u>	<u>2018</u>	<u>2018</u>	<u>2018</u>	<u>2018</u>	<u>2018</u>	<u>2018</u>	100
	<u>2017</u>	<u>2017</u>	<u>2017</u>	<u>2017</u>	<u>2017</u>	<u>2017</u>	<u>2017</u>	<u>2017</u>	<u>2017</u>
	<u>2016</u>	<u>2016</u>	<u>2016</u>	<u>2016</u>	<u>2016</u>	<u>2016</u>	<u>2016</u>	<u>2016</u>	<u>2016</u>
	<u>2015</u>	<u>2015</u>	<u>2015</u>	<u>2015</u>	<u>2015</u>	<u>2015</u>	<u>2015</u>	<u>2015</u> (rev.11/2/2016)	<u>2015</u> (rev.11/2/2016)
	<u>2014</u>	2014	<u>2014</u>	<u>2014</u>	2014	2014	<u>2014</u>	<u>2014</u>	<u>2014</u>

Age of mother and county of residence, Oregon resident births, 2024 quarterly year-to-date data⁺ (Run date: May 1, 2024)

	,	• •	•	
County of residence	Total	10-17	18-19	20+
Total	9,244	62	205	8,974
Baker	23	_	_	23
Benton	129	_	1	128
Clackamas	942	3	17	922
Clatsop	86	_	1	85
Columbia	102	1	2	99
Coos	98	1	5	92
Crook	68	_	2	66
Curry	23	_	_	23
Deschutes	474	1	8	465
Douglas	216	2	7	207
Gilliam	4	_	_	4
Grant	14	-	-	14
Harney	13	_	_	13
Hood River	47	1	1	45
Jackson	461	3	15	443
Jefferson	51	_	2	49
Josephine	166	1	6	159
Klamath	197	3	5	189
Lake	19	_	_	19
Lane	661	3	19	637
Lincoln	71	2	5	64
Linn	350	2	12	336
Malheur	91	2	2	87
Marion	928	12	28	888





Death Preliminary, Year-to-date and Final Data

Preliminary, Year-to-Date and Final Data





- Divorces
- Domestic Partnerships
- Dissolutions of Domestic Partnership
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Preliminary Death Data

Preliminary data are undergoing quality assurance and editing procedures that can result in frequent and significant changes. Data can be used for tracking recent health events, but are not appropriate for use in statistical analyses. Final death data is shown in the next section below.





Domicile unknown

Preliminary mortality data (2023-2024)

- Number of deaths
- · Preliminary death rate
- · Manner of death Month of death
- Age of decedent
- County of residence
- Historical trends
- Medical Examiner cases

Unhoused decedents (2023-2024, preliminary data)

- Number of deaths
- Manner of death
- Month of death
- Sex, age, race/ethnicity
- Place of death
- Continuum of care (geography)
- HSPR region (geography)

Final Death Data

These data represent final statistics on deaths in Oregon. Final data has undergone extensive quality assurance and editing procedures. New data are added each year in late fall.



· Number of deaths

Crude death rates

Statewide mortality trends since 2010:

- - Detailed views of yearly mortality data:
 - · Number of deaths
 - Crude death rates



- County-level mortality data:
- Number of deaths
- Crude death rates





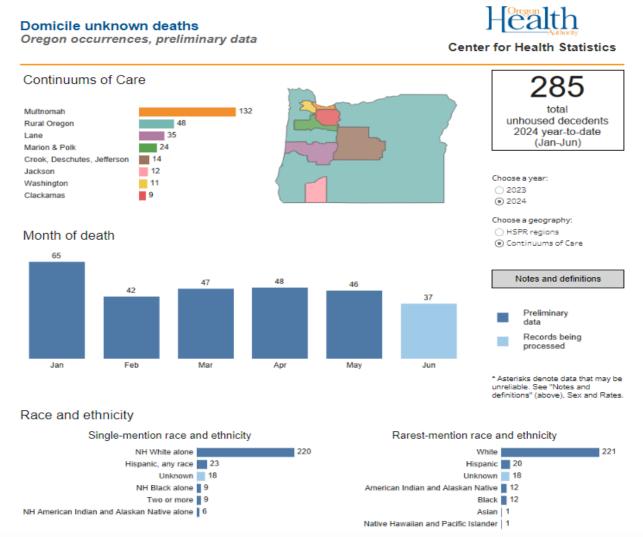
Death Preliminary, Mortality Data







Death Preliminary, Domicile unknown





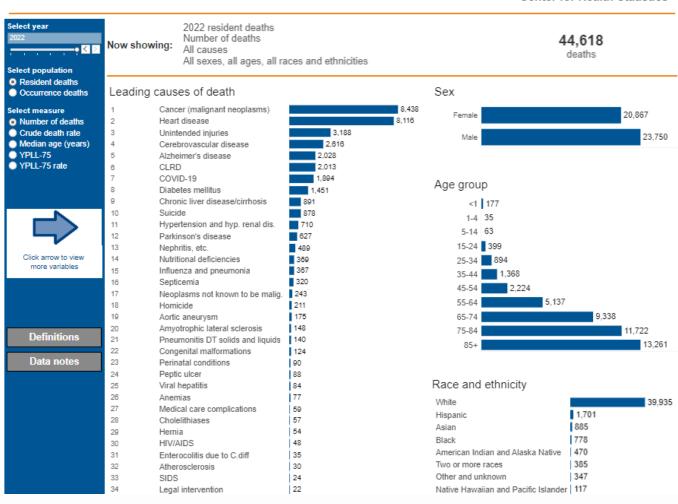


Death Preliminary, Year-to-date and Final Data

Leading causes of death

Click on any category to filter. Click again to clear filter. Reload page to reset all filters.









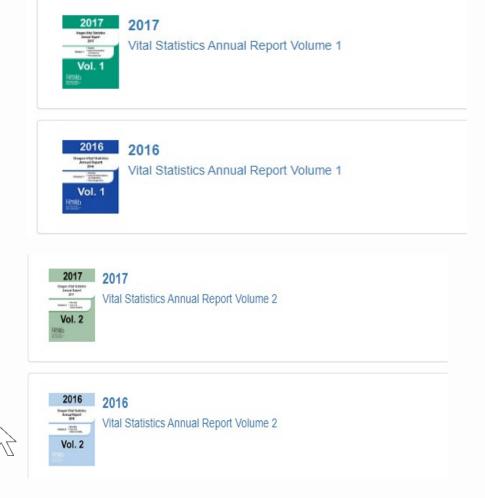
Annual Reports

Birth & Pregnancy 2018-Current Online Dashboards

 Annual Report Volume 1 from 2017-1995

Death 2018-Current Online Dashboards

Annual Report
 Volume 2 from 2017 1995, limited tables
 for 2018-2022

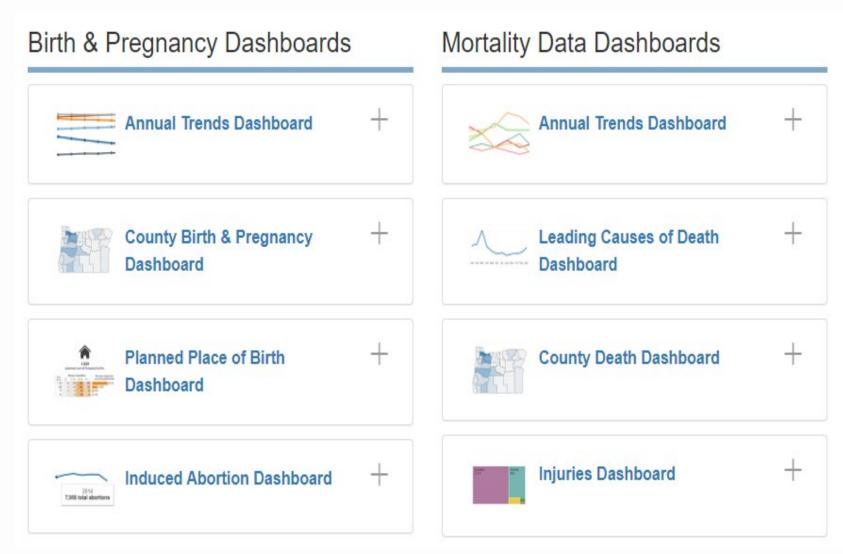


Historical Reports
1903-1918





Statistics Dashboards







Oregon Vital Records and Certificates

This is the official State of Oregon Vital Records website.

In Oregon, the Center for Health Statistics issues certified copies of vital records for events that occurred within the state. We partner with <u>VitalChek</u> for internet orders. You can also order over the phone, by mail, by drop box or in person.

Oregon State Vital Records is offering appointments for in-person visits to ORDER vital records.

Schedule your appointment here

In-person customer assistance to change vital records is NOT available.

Get more information on how to make changes to a record here.













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Oregon Births & Pregnancies by County, 2010-2023



- Select a year and a topic from the drop-down menus in the upper left. Hover over any number or graphic for more information.
- 2. You can select a county by clicking on the map or table. Hold Ctrl and click to select more than one. Click the item again to reset.
- Hower over column headers in the table and click the stacked bars to sort the data.

Color used in charts and tables shows percentages and rates.

Percentages of the county or state total are in blue, while percentages or rates within a group by county/state are in orange.





- 38,858 total occurrence births



Mae instructions: Circle to select or deselect a county. Delect multiple counties by clicking & dragging Zoom with scrolling or cloking the plus/minus buttons to the wit. Pan the map by holding Shift and dragging the mouse. Click the house loon to reset the view.

Age of mother, Oregon resident births, 2023

31.0%







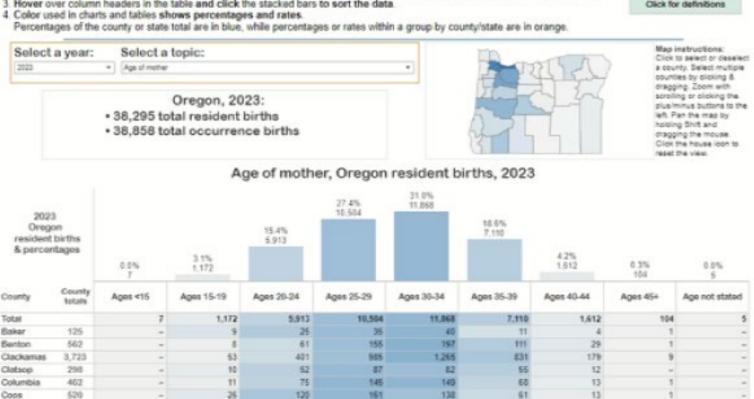
Center for Health Statistics



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1.802



Crook

Curry

Deschutes

Douglas





Oregon Vital Statistics Annual Report



Annual Report Volume 1

Annual Report Volume 2

County Data Book

Historical Reports (1903-1918)

Contact Us

Oregon published its first Vital Statistics Annual Report in 1905. For over 100 years, the report was produced in hard-copy format, in 2009, the Center for Health Statistics (CHS) ceased production of paper copies of the report, instead offering it in downloadable form from our website. In 2020, CHS began transitioning our annual report into a more modern and interactive format.

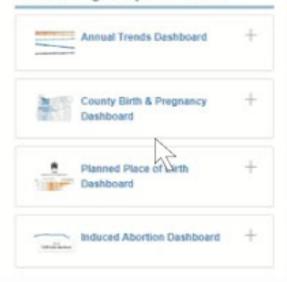
The Annual Report had evolved into several pages of narrative and dopens upon dozens of static data tables. This new format will rely less on narrative descriptions of the data, and focus instead on presenting the data through interactive data visualizations. This will allow the reader to examine the data in new ways, focus on topics of interest, and allows easier comparisons to earlier data than was possible with static reports.

If you have any feedback on our annual reporting, please let us know at CHS Statistics@oha.orecon.poy

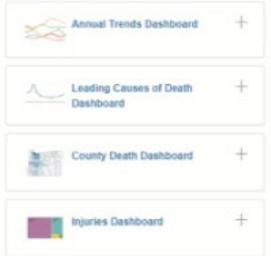
■ Updates to dashboards and data (as of 12/29/2023)

All deshboards are now updated with 2022 data for all topics.

Birth & Pregnancy Dashboards



Mortality Data Dashboards







Health Leading causes of death by county Click on any category to filter. Click again to clear filter. Reload page to reset all filters. Center for Health Statistics Now showing: 2022 resident deaths 44,618 Number of deaths deaths All causes Select population Resident deaths Occurrence deaths County of residence Select measure Number of deaths. Caker 271 Crude death rate 840 Benton ● YPLL-75 Clackamas. YPLL-75 rate 538 Clabson 594 Columbia Coos 1,158 Crook 329 479 Curry Deschutes 1,791 1,891 Douglas Click arrow to view Gilliam 21 demographics 107 Orant Leading causes of death 98 Hamey Hood River 187 0.438 Cancer (malignant necolasms) 2,825 Jackson Heart disease 271 Unintended injuries Jefferson Definitions 1,445 Josephine Carebrovasoular disease (Carnath 1,000 Data notes Alpheimer's disease CLRD Lake 145 Lane COVID-19 1.004 1.451 Lincoln 821 Diabetes mellitus Linn. 1.576 Chronic liver disease/cinhosis 370 Malheur 10 Hypertension and hyp. renal dis. Manon. 132 12 Parkinson's disease Morrow 7.048 13 Mutnomah Naphritis, 4th. Pok Nutritional deficiencies 359 940 Sherman 24 influenza and pneumonia 367 Tillamook 425 Septicemia 320 Umatilia 838 Neoplasms not known to be malig. 243 211 Union 351 15 Homicide Aprilio aneuryem 175 Visiows 135 145 Wason 305 Amyotrophic lateral solerosis Pneumonitis DT solids and liquids 140 Washington





Requesting Vital Statistics Data

ORS 432.350(b)

The state registrar may adopt rules permitting the disclosure of vital records and reports and related documents, data or information if the disclosure is for public health purposes or if the state registrar otherwise determines that:

- (A) The requestor has a valid need for the information;
- (B) The information cannot be obtained from other sources;
- (C) The requestor is authorized to receive the information; and
- (D) The integrity of the vital record or report can be assured.







Requesting Vital Statistics Data Rule

- OAR 333-011-0325(2): "Requests for personally identifiable information contained in vital records for health research purposes shall be submitted in writing to the state registrar."
- All requests for data must go through the state vital records office.





CHS Researchers Review Committee

- Staffed by the analysts and manager of the Statistics Program and chaired by the State Registrar.
- Reviews all data requests for legality, proper use, and protection of security and confidentiality.
- County vital records offices are not authorized to release vital records data, aggregated or recordlevel.





Data Use Requests

- Submit a data request at http://bit.ly/orvr-data-request
 - Select the link for an Internal Request for Public Health Division Staff or External Request for all other requests.
 - For questions about submitting a request contact <u>CHS.Statistics@oha.oregon.gov</u>
- County health departments may request data for free.
- For others, \$60/hour fee for custom data requests.





Oregon Health Authority Resources

OPHAT - Oregon Public Health Assessment Tool

For statistics on vital events and population estimates.
 Email <u>OPHAT.Administration@odhsoha.oregon.gov</u> to sign up for an account

Injury and Violence Prevention

For child fatality reviews, opioid death monitoring, suicides

Maternal and Child Health Program

 Prenatal care, birth outcomes and <u>PRAMS</u> (pregnancy risk assessment and monitoring system)





National Resources

Wonder

Center for Disease Control for national averages







Take-home Message

- Center for Health Statistics (CHS) is responsible for compiling, analyzing and disseminating the data from vital records.
- Remember, the use and sharing of vital records are protected under Oregon laws (ORS 432 & OAR 333-011).
- Statistical information can be found in published reports and Data Dashboards on the CHS website.
- Any request for vital records certificates, copies, or data must be referred to the state vital records office for approval unless you are providing paid certified copies to eligible persons or providing notice to the county clerk for updating voter registration rolls.



Contacts

Statistics

- Preliminary and Final Data
- Statistics Dashboards
- Data Use Requests

CHS.Statistics@oha.oregon.gov

Partner Services

- County Liaison
- Training

CHS.PartnerServices@oha.oregon.gov





Thank you!

