

QUICK START: Accessing OPHAT

OVERVIEW

OPHAT is a web-based query tool that accesses, analyzes and displays data from multiple public health datasets. OPHAT is available for free to state and local public health agencies in Oregon.

GETTING AN OPHAT ACCOUNT

1. Email OPHAT.Administration@state.or.us to request an account.
2. Submit a signed data use agreement.

LOGGING ON

1. Go to: <https://ophat.public.health.oregon.gov/Account/LogOn>

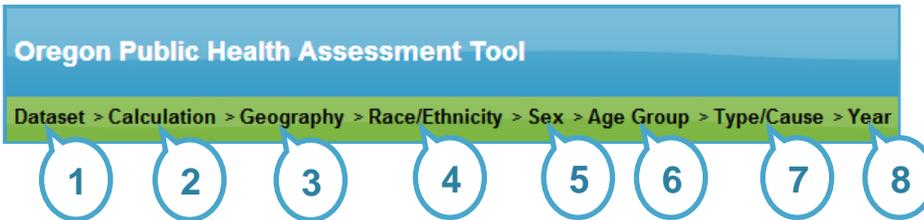
TIP: OPHAT does not support Internet Explorer v.8 or earlier. Use IE v.10 or higher, Chrome or Firefox as your browser.

2. Enter your **User ID** and **Password**.



QUICK START: Set up and run a query

Set up a query in OPHAT by stepping through eight parameter selection screens.



1. SELECT A Dataset

Datasets correspond to population health topic areas.



*TIP: A description and source citation for the **Dataset** will appear on the right when it is selected.*

Screen Navigation

- Use the **Next** and **Previous** buttons to move from one screen to another.
- You can use the wizard bar at top to skip backwards but you can't skip forwards.
- The options available on each screen will depend on the selections made on the previous screens.
- A selection must be made on each screen.
- Most screens have default selections.
- If a screen is not relevant to the selected **Dataset** or **Calculation** it will be skipped automatically.

2. SELECT A Calculation

These are the statistics or measures that can be calculated for the selected dataset.

The screenshot shows a window titled "Calculation" with "Previous" and "Next" buttons. There are three radio button options: "Total Infant Mortality Rate" (selected), "Neonatal Mortality Rate", and "Post Neonatal Mortality Rate". Below the options is a "Description:" field containing the text: "Number of deaths of live born infants before one year of age per 1,000 total live born infants".

*TIP: A description of the **Calculation** will appear below when it is selected.*

3. SELECT ONE OR MORE Geography

- Use the radio buttons to choose a geographic level (state, county or custom).
- If the **County** radio button is clicked you must select at least one county.
- To select the State Total in addition to one or more counties or custom geographies, check the **Include State Totals** box at the bottom.

The first screenshot shows the "Geography" window with "County" selected. A red circle highlights the "County" radio button. The list of counties includes Baker, Benton, Clackamas, Clatsop, Columbia, Coos, Crook, Curry, Deschutes, Douglas, and Gilliam. The "Include State Totals" checkbox is unchecked.

The second screenshot shows the same window after "Clackamas" has been selected in the list (highlighted with a red circle) and the "Include State Totals" checkbox is now checked (highlighted with a red circle). A blue arrow points from the first screenshot to the second.

Selecting from List Boxes

- Use Shift+click or Ctrl+click to highlight multiple items on a list.
- Move those items to the selection box using the **add >>** or **add all >>** button.

4. SELECT ONE OR MORE Race/Ethnicity

- Select a **Category Option** using the drop-down box.

*TIP: If you aren't doing a race/ethnicity-specific analysis, leave the default selection of **Total**.*

- b. If any **Category Option** besides **Total** is selected you must also select one or more race/ethnicity groups.

- Category Options**
- Several different classification schemes for race/ethnicity may be available.
 - The available options depend on the **Dataset**.
 - The race/ethnicity groups within a category will appear in the list box when the category is selected.
 - The category option chosen will impact the years of data available.

5. SELECT ONE OR MORE **Sex**

Sex is not relevant to all **Datasets**.

6. SELECT ONE OR MORE **Age Group**

- a. Select a **Category Option** using the drop-down box.

*TIP: If you aren't doing an age-specific analysis, leave the default selection of **Total**.*

- b. If any **Category Option** besides **Total** is selected you must also select one or more age groups.

- Category Options**
- Several different age range categories may be available.
 - The available options depend on the **Dataset**.
 - The age groups within a category will appear in the list box when the category is selected.

7. SELECT ONE OR MORE Type/Cause

Type/Cause is a general term for whatever subset is relevant to the selected **Dataset**. For example, it might be a “cause of death” or “disease” or “risk factor”.

Birth Risk Factors Dataset

- Add at least one factor to the **Risk Factor** selection box using the **add risk factor** or **add all risk factors** button.
- Individual risk factors are either available for 1990 onward or 2008 onward (as indicated by the number in brackets).
- See on-line Help for information about the advanced option, **Conditional Factors**.

Type/Cause

Previous Next

All Factors More on birth risk factors

Maternal Hypertension > Prepregnancy Hypertension (Mother) [1990+]
 Maternal Hypertension > Gestational Hypertension (Mother) [1990+]
 Maternal Hypertension > Eclampsia (Mother) [1990+]
 Kotelchuck Index of Prenatal Care > Adequate Prenatal Care - Kotelchuck Index [1990+]
 Kotelchuck Index of Prenatal Care > Intermediate Prenatal Care - Kotelchuck Index [1990+]
 Kotelchuck Index of Prenatal Care > Inadequate or No Prenatal Care - Kotelchuck Index [1990+]
 Birth Order > First Birth [1990+]
 Multiple Birth > Multiple Birth [1990+]
 Multiple Birth > Singleton Birth [1990+]
 Preterm Birth > Preterm Birth (< 36 weeks) [1990+]

Data for some birth risk factors are only available from 2008 onward.

Prenatal Care by Trimester > No Prenatal Care [1990+]

Risk Factor (Required)
 Each risk factor is analyzed separately.

Prenatal Care by Trimester > Prenatal Care Began in 1st Trimester [1990+]
 Prenatal Care by Trimester > Prenatal Care Began in 2nd Trimester [1990+]
 Prenatal Care by Trimester > Prenatal Care Began in 3rd Trimester [1990+]
 Prenatal Care by Trimester > No Prenatal Care [1990+]

add risk factor
 add all risk factors
 add cond factor
 remove risk factor
 remove all

Communicable Disease Dataset

- Add at least one disease to the selection box using the **add >>** or **add all >>** button.
- Individual diseases are available starting in different years (as indicated by the number in parentheses).
- Use the drop-down box to select a subset of all diseases such as only arthropod-borne diseases.

Type/Cause

Previous Next

Disease Type/Cause

Reportable Communicable Diseases

Rocky mountain spotted fever (2000+)
 Salmonella (typhoidal) (2000+)
 Salmonellosis (non-typhoidal) (2000+)
 Shigellosis (2000+)
 Syphilis (Early) (1996+)
 Tularemia (2000+)
 Vibriosis (non-cholera) (2000+)
 West Nile virus (2000+)
 Yersiniosis (2000+)

Click on the down arrow to select a list of diseases. All other lists are subsets of "Reportable Communicable Diseases"

Campylobacteriosis (2000+)
 Cryptococcus (2012+)
 Gonorrhea (1996+)
 HIV/AIDS (2007+)
 Hepatitis C (past or present) (2005+)
 Tuberculosis (1993+)

add >> add all >> << remove << remove all

There are two different **Type/Cause** screens for the **Mortality Dataset**. The screen below is displayed when any of the **All Causes of Death** calculations have been selected on the **Calculations** screen.

Mortality Dataset / All Causes of Death Calculations

- Several different cause-of-death **Category Options** are available from the drop-down box.
- If you aren't doing a cause-specific analysis, leave the default selection of **Total**.
- Otherwise, add at least one cause-of-death to the selection box using the **add** or **add all** button.
- The checkboxes below the selection box are advanced options and should be used with caution.

Type/Cause

Previous **Next**

Mortality

Category Options: NCHS 113 Causes

Search List:

- Viral hepatitis
- Human immunodeficiency virus (HIV) disease
- Malaria
- Other and unspecified infectious and parasitic diseases and their sequelae
- Malignant neoplasms > Malignant neoplasms of lip, oral cavity and pharynx
- Malignant neoplasms > Malignant neoplasm of stomach
- Malignant neoplasms > Malignant neoplasms of colon, rectum and anus
- Malignant neoplasms > Malignant neoplasms of liver and intrahepatic bile ducts
- Malignant neoplasms > Malignant neoplasm of pancreas
- Malignant neoplasms > Malignant neoplasm of larynx

add **add all**

- Malignant neoplasms
- Malignant neoplasms > Malignant neoplasm of esophagus

Click the down arrow to select a cause of death list. For some cause of death lists data are only available from 1999 onward.
[More on cause of death lists](#)

The screen below is displayed when any of the **Detailed Injury Causes of Death** calculations have been selected on the **Calculations** screen.

Mortality Dataset / Detailed Injury Causes of Death Calculations

- Select one of five injury **Intents** using the drop-down box.
- Add at least one injury **Mechanisms** to the selection box using the **add** or **add all** button.
- The checkboxes below the selection box are advanced options and should be used with caution.

Type/Cause

Previous **Next**

Mortality Injury

Intent: Unintentional

Search List:

- All injury > Cut/pierce
- All injury > Drowning/submersion
- All injury > Fall
- All injury > Fire/burn
- All injury > Fire/burn > Fire flame
- All injury > Fire/burn > Hot object/substance
- All injury > Machinery
- All injury > All transport
- All injury > All transport > Motor vehicle traffic
- All injury > All transport > Motor vehicle traffic > Occupant

add **add all**

Injury/External Cause deaths are classified by both intent of injury and mechanism of injury. When not specified, intent and mechanism are assumed to be "All".
[More on injury death classification](#)

8. SELECT ONE OR MORE Year

- By default, OPHAT calculates single year rates. To calculate multiple year average rates select a different **Time Period** using the drop-down box.
- Select one or more years or year ranges from the list box.

The screenshot shows the 'Year' selection interface. At the top, there are 'Previous' and 'Next' buttons. Below them is a 'Time Period' dropdown menu set to '1'. A list of years from 2011 to 2002 is displayed. The year '2012' is highlighted in the list. At the bottom, there are four buttons: 'add >>', '<< remove', 'add all >>', and '<< remove all'.

Or,

The screenshot shows the 'Year' selection interface. At the top, there are 'Previous' and 'Next' buttons. Below them is a 'Time Period' dropdown menu set to '3'. A list of year ranges from 2009-2011 to 2000-2002 is displayed. The range '2010-2012' is highlighted in the list. At the bottom, there are four buttons: 'add >>', '<< remove', 'add all >>', and '<< remove all'.

Available Years

- The number of years listed depends on the selections made on previous screens.
- Selections that impact available years include **Dataset**, **Race/Ethnicity** and **Type/Cause**.

9. Run Query

- Click the **Run** button to run this query.
- Optionally, you may name and save this query for later use or load and run a previously saved query.

The screenshot shows the 'Run' query interface. At the top, there are 'Previous' and 'Run' buttons. Below them is a 'Save Query (optional)' section with a 'Name:' label and an empty text input field. Below that is a 'Description:' label and a larger empty text area. At the bottom, there is a 'Save' button.

10. VIEW OR DOWNLOAD Results

Query results can be viewed on-line on the Table tab, printed or downloaded to a .csv file.

Results

[Download CSV](#)
[Revise Query](#)
[New Query](#)
[Query Summary](#)

[Table](#)
[Metadata](#)



Showing 1 to 25 of 37 entries

Search:
 ◀ Previous Next ▶

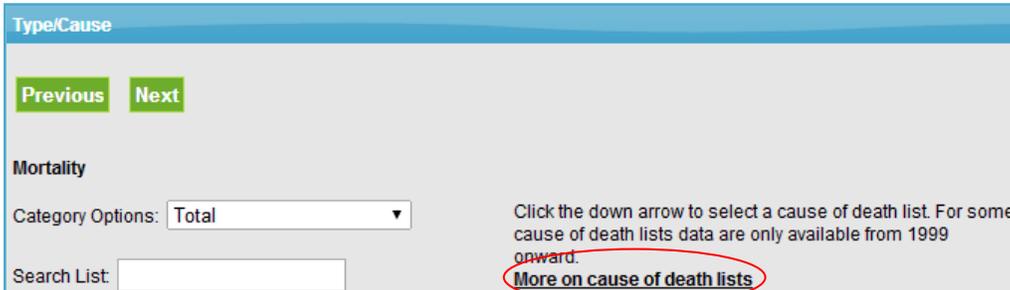
Show entries

Death: Age-Adjusted Rate per 100,000 Persons

Year	Place	Sex	Type/Cause	Rate	Standard Error	95% CI - Lower	95% CI - Upper	Numerator	Denominator
2012	Baker	Female	Diseases of heart	141.942	29.8409	89.979	212.983	23	7,844
2012	Benton	Female	Diseases of heart	97.778	13.3913	73.243	127.896	57	43,055
2012	Clackamas	Female	Diseases of heart	98.014	6.0190	86.216	109.811	287	194,748
2012	Clatsop	Female	Diseases of heart	80.224	16.5748	50.855	120.375	24	18,786
2012	Columbia	Female	Diseases of heart	100.601	17.9334	68.354	142.795	33	24,655
2012	Coos	Female	Diseases of heart	96.892	12.7659	73.574	125.256	58	31,685
2012	Crook	Female	Diseases of heart	140.250	27.1169	92.426	204.057	27	10,484
2012	Curry	Female	Diseases of heart	128.187	27.2835	80.334	194.077	30	11,283
2012	Deschutes	Female	Diseases of heart	87.397	8.7466	70.254	104.541	105	82,274
2012	Douglas	Female	Diseases of heart	123.164	11.5338	100.558	145.771	127	54,255
2012	Gilliam	Female	Diseases of heart	63.298	44.7584	7.666	228.654	2	957
2012	Grant	Female	Diseases of heart	90.857	34.8292	36.529	187.201	7	3,676
2012	Harney	Female	Diseases of heart	50.731	29.4099	10.462	148.257	3	3,550
2012	Hood River	Female	Diseases of heart	74.554	20.0408	40.759	125.089	15	11,265
2012	Jackson	Female	Diseases of heart	95.621	7.2629	81.385	109.856	187	105,779
2012	Jefferson	Female	Diseases of heart	134.187	34.3832	75.103	221.321	16	10,438
2012	Josephine	Female	Diseases of heart	103.597	11.2189	82.749	128.099	93	42,474
2012	Klamath	Female	Diseases of heart	126.560	16.3918	96.579	162.908	62	33,030
2012	Lake	Female	Diseases of heart	78.578	35.1958	25.514	183.375	5	3,645
2012	Lane	Female	Diseases of heart	97.927	6.1014	85.969	109.886	275	180,290
2012	Lincoln	Female	Diseases of heart	95.416	15.2175	67.850	130.437	41	23,688
2012	Linn	Female	Diseases of heart	111.406	11.5583	89.919	136.480	98	59,848
2012	Malheur	Female	Diseases of heart	116.197	23.7009	74.450	172.892	26	14,050
2012	Marion	Female	Diseases of heart	102.381	6.9146	88.829	115.934	232	160,422
2012	Morrow	Female	Diseases of heart	95.590	43.1503	31.038	223.076	5	5,469

QUICK START: Getting help

1. Click on the embedded links on each screen to go directly to the relevant section of the **Help & Data Notes** page.



The screenshot shows a web interface titled "Type/Cause". At the top, there are two green buttons labeled "Previous" and "Next". Below these, the word "Mortality" is displayed. Under "Mortality", there is a "Category Options:" label followed by a dropdown menu currently set to "Total". To the right of the dropdown, there is a text instruction: "Click the down arrow to select a cause of death list. For some cause of death lists data are only available from 1999 onward." Below this instruction, the text "More on cause of death lists" is circled in red. At the bottom left, there is a "Search List:" label followed by an empty text input field.

2. Open the full **Help & Data Notes** page by clicking on the link in the upper right corner from any screen.



3. Contact OPHAT user support:

Juanita Heimann
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Juanita.A.Heimann@state.or.us
971-673-1267

Or,

OPHAT.Administration@state.or.us