

## Prescription Opioid related mortality rates and how to obtain them

1. Go to the CDC WONDER website using this link: <https://wonder.cdc.gov/>
2. Under “WONDER Systems” tab, click on “Multiple cause of death (Detailed Mortality)”. See picture below.

The screenshot shows the CDC WONDER website interface. At the top, there is a navigation bar with 'CDC WONDER', 'FAQ', 'Help', 'Contact Us', and 'WONDER Search'. Below this is a search box and social media icons. The main content area is titled 'WONDER Systems' and includes tabs for 'Topics' and 'A-Z Index'. Under 'WONDER Online Databases', there are several categories: 'AIDS Public Use Data', 'Births', 'Cancer Statistics', 'Environment', and 'Mortality'. The 'Mortality' section is expanded, showing 'Underlying Cause of Death' with sub-links for 'Detailed Mortality', 'Compressed Mortality', and 'Multiple cause of death (Detailed Mortality)'. The 'Multiple cause of death (Detailed Mortality)' link is highlighted with a red rectangular box.

3. Under “Current Multiple Cause of Death Data” select “Data Request”. See picture below.

The screenshot shows the 'Multiple Cause of Death Data' page on the CDC WONDER website. The page has a navigation bar at the top with 'CDC WONDER', 'FAQ', 'Help', 'Contact Us', and 'WONDER Search'. The main content area is titled 'Multiple Cause of Death Data' and has a sub-tab for 'Multiple Cause of Death Data'. Under this tab, there are two sections: 'Current Multiple Cause of Death Data' and 'Archive Multiple Cause of Death Data'. The 'Current Multiple Cause of Death Data' section contains a list of data sets for the years 1999-2015, 2005-2006, and 1999-2004. Each entry includes a brief description and a 'Data Request' link. The 'Data Request' link for the 1999-2015 data set is highlighted with a red rectangular box.

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### 4. Read through the data use restrictions, and select “I agree” at the bottom of the page.

The screenshot shows the 'Data Use Restrictions' page for the 'Multiple Cause of Death Data' dataset. At the top, there are navigation tabs: 'Request Form', 'Results', 'Map', 'Chart', and 'About'. Below the tabs are links for 'Multiple Cause of Death Data', 'Dataset Documentation', 'Other Data Access', 'Data Use Restrictions', and 'How to Use WONDER'. A note states: 'Note: Any use of these data implies consent to abide by the terms of the data use restrictions.' The main text describes the database's content, including mortality and population counts for all U.S. counties, based on death certificates for U.S. residents. It lists various data points such as death rates, causes of death, and demographic information. A section titled 'Data Use Restrictions:' details the Public Health Service Act (42 U.S.C. 242m(d)) and lists three key restrictions: 1) Use for health statistical reporting and analysis only. 2) For sub-national geography, do not present or publish death counts of 9 or fewer or death rates based on counts of nine or fewer (in figures, graphs, maps, tables, etc.). 3) Make no attempt to learn the identity of any person or establishment included in these data. A contact information block for the Confidentiality Officer at the National Center for Health Statistics is provided. A 'Sanctions for Violating Rules:' section explains that violators will lose access to WONDER and may face legal penalties. A red box highlights the 'I Agree' button, which is preceded by the text: 'By clicking the "I Agree" button I signify that I will abide by the terms of data use stated above and understand the sanctions and legal penalties for violation of these terms of use.' At the bottom, a link to 'Dataset Documentation' is provided for more information.

5. This will open up the query request form. Let's use an example to fully understand how to use this system. Example: **How many prescription opioid related deaths occurred in Oklahoma County in the past 5 years for all ages?** Keep in mind that usually it is best to use the fewest amount of years possible, however due to the suppression rules within the CDC Wonder database, sometimes we must combine a few years together to get a count and rate of death. Additionally, you are also able to ask the system to specify these death rates to a certain age group. Again, while this is ideal for most purposes, sometimes the count and rate of death is suppressed due to low numbers. Furthermore, IF you choose to use a specific age range, it is NOT possible to acquire an age-adjusted death rate. Therefore, you will only get a crude death rate if you use a specific age range. These are all things to consider as you go forward trying to find the best data to use. At times, you will need to try different versions/select different

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ages/years etc. to acquire the best data points to use to prove your point. See picture below.

The screenshot shows the CDC WONDER interface for a "Multiple Cause of Death, 1999-2015 Request". The top navigation bar includes "CDC WONDER", "FAQ", "Help", "Contact Us", and "WONDER Search". Below the navigation bar, there are tabs for "Request Form", "Results", "Map", "Chart", and "About". The main content area is titled "Multiple Cause of Death, 1999-2015 Request" and contains several sections:

- Request Form** (selected tab)
- Multiple Cause of Death Data** (link)
- Dataset Documentation** (link)
- Other Data Access** (link)
- Data Use Restrictions** (link)
- How to Use WONDER** (link)
- Save** and **Reset** buttons
- Make all desired selections and then click any **Send** button one time to send your request.**
- 1. Organize table layout:** (Section header with **Send** and **Help** buttons)
- Group Results By:** A dropdown menu set to "Census Region".
- And By:** Four dropdown menus, all set to "None".
- Notes:** A note stating: "Group Results By '15 Leading Causes' to see the top 15 rankable causes selected from the corresponding 113 or 130 Cause List. [More Information.](#)"
- Measures (Default measures always checked and included. Check box to include any others.):**
  - Deaths**
  - Population**
  - Crude Rate**
- For crude rates:**
  - 95% Confidence Interval**
  - Standard Error**
  - Age Adjusted Rate**
  - 95% Confidence Interval**
  - Standard Error**
  - Percent of Total Deaths**
- Title:** A text input field.
- + Additional Rate Options** (link) *Click '+' for non-standard age adjusted rates and other options.* **Help** (link)
- 2. Select location:** (Section header with **Send** and **Help** buttons)
- Click a button to choose locations by State, Census Region or HHS Region.**

- Let's start with the example situation above. Under the "Request Form" tab, look under "1. Organize table layout:" and you can select how you want to categorize your data needs. In this example, we are categorizing by county (Oklahoma). Thus click on the drop down arrow next to the "Group Results by" field and populate the contents with "County" (see below). Furthermore, since we are looking at all ages check the boxes for "age adjusted rate" and the corresponding "95% Confidence Interval" and "standard error" next to "age adjusted rate". Finally, in the text

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box labeled “title” insert the preferred title for the table.

Request Form Results Map Chart About

[Multiple Cause of Death Data](#) [Dataset Documentation](#) [Other Data Access](#) [Data Use Restrictions](#) [How to Use WONDER](#) Save Reset

Make all desired selections and then click any **Send** button one time to send your request.

**1. Organize table layout:** Send Help

**Group Results By** County

**Notes:**

- Group Results By "15 Leading Causes" to see the top 15 rankable causes selected from the corresponding 113 or 130 Cause List. [More information.](#)

**And By** None

**And By** None

**And By** None

**And By** None

**Measures** (Default measures always checked and included. Check box to include any others.)

Deaths  Population  Crude Rate

For crude rates:  95% Confidence Interval  Standard Error

Age Adjusted Rate  95% Confidence Interval  Standard Error

Percent of Total Deaths

**Title** Prescription opioid related death rates, 2012-2016

+ Additional Rate Options Click '+' for non-standard age adjusted rates and other options. Help

- Next, under “2. Select location:” scroll down to “Oklahoma” under “States” and select it. Then press “Open” under the box. See picture below.

**2. Select location:** Send Help

Click a button to choose locations by State, Census Region or HHS Region.

States  Census Regions  HHS Regions

**Browse** or **search** to find items in the States Finder Tool, then **highlight** the items to use for this request. (The *Currently selected* box displays all current request items.)

[Finder Tool Help](#) [Advanced Finder Options](#)

Browse Search Details

**States**

- + 35 (New Mexico)
- + 36 (New York)
- + 37 (North Carolina)
- + 38 (North Dakota)
- + 39 (Ohio)
- + 40 (Oklahoma)**
- + 41 (Oregon)
- + 42 (Pennsylvania)
- + 44 (Rhode Island)
- + 45 (South Carolina)
- + 46 (South Dakota)

**Currently selected:**

40 (Oklahoma)

Open Close Close All

**Browse** the list by opening and closing items.  
**Use** Ctrl+Click to multiple select, Shift+Click for a range.

**Pick between:**

**2013 Urbanization**

- All Categories
- Large Central Metro
- Large Fringe Metro
- Medium Metro
- Small Metro
- Micropolitan (non-metro)
- NonCore (non-metro)

2006 Urbanization

- Once you select “open”, the screen will show you every county within the state of Oklahoma. Here again, scroll down to “Oklahoma County, OK” and select it by clicking on it. See picture below. Note that the system shows you what you have selected on the right hand side gray box

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labeled “Currently selected:”.

**2. Select location:** Send Help

Click a button to choose locations by State, Census Region or HHS Region.  
**States**  **Census Regions**  **HHS Regions**

**Browse** or **search** to find items in the States Finder Tool, then **highlight** the items to use for this request.  
(The *Currently selected* box displays all current request items.)  
[Finder Tool Help](#) [Advanced Finder Options](#)

Browse Search Details

**States**

- 40093 (Major County, OK)
- 40095 (Marshall County, OK)
- 40097 (Mayes County, OK)
- 40099 (Murray County, OK)
- 40101 (Muskogee County, OK)
- 40103 (Noble County, OK)
- 40105 (Nowata County, OK)
- 40107 (Oklfuskee County, OK)
- 40109 (Oklahoma County, OK)**
- 40111 (Okmulgee County, OK)
- 40113 (Osage County, OK)
- 40115 (Ottawa County, OK)

Open Close Close All

**Currently selected:**  
40109 (Oklahoma County, OK)

**Browse** the list by opening and closing items.  
**Use** Ctrl+Click to multiple select, Shift+Click for a range.

**Pick between:**

**2013 Urbanization**  **2006 Urbanization**

- All Categories
- Large Central Metro
- Large Fringe Metro
- Medium Metro
- Small Metro
- Micropolitan (non-metro)
- NonCore (non-metro)

9. Next, scroll down to “3. Select demographics:”. In this section, there are choices for age, gender, race, and Hispanic origin. Since the example is for all ages, leave the default setting of “All ages” under the age category. See picture below.

**3. Select demographics:** Send Help

**Hint:** Use Ctrl + Click for multiple selections, or Shift + Click for a range.

**Pick between:**

**Ten-Year Age Groups**  **Five-Year Age Groups**  **Single-Year Ages**  **Infant Age Groups**

- All Ages**
- 1-4 years
- 5-14 years
- 15-24 years
- 25-34 years
- 35-44 years
- 45-54 years
- 55-64 years
- 65-74 years
- 75-84 years
- 85+ years

Default rates per 100,000

**Gender**

- All Genders
- Female
- Male

**Hispanic Origin**

- All Origins
- Hispanic or Latino
- Not Hispanic or Latino
- Not Stated

**Race**

- All Races
- American Indian or Alaska Native
- Asian or Pacific Islander
- Black or African American
- White

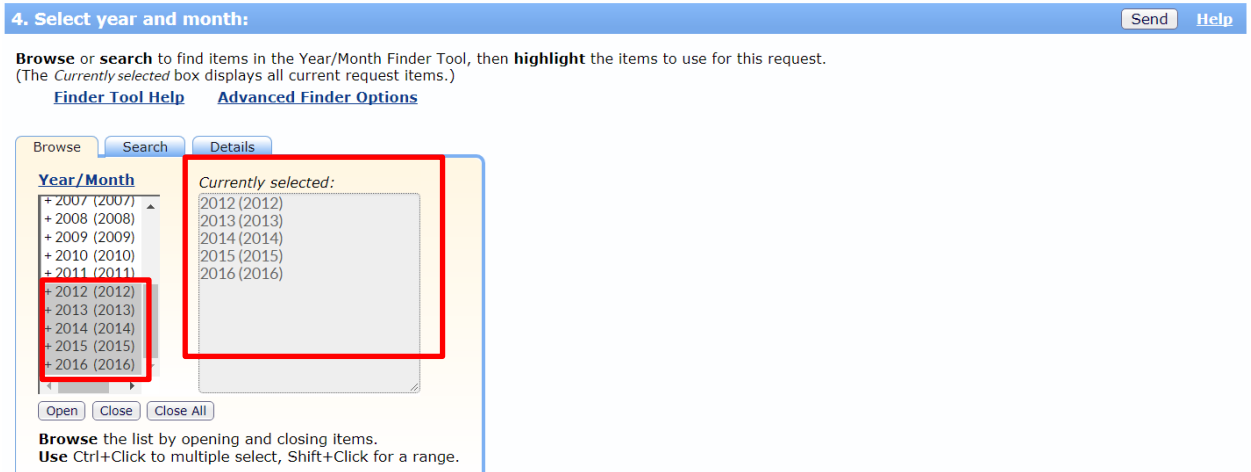
a. Notice the age range can be changed between 10 year, 5 year, single year, and infant age groups. I.e. if you were trying to select 12-25 age group, you would select the bubble next to “Single year ages” and then select 12-25 by holding down the “CTRL” key on your key board and clicking on all the ages between AND including 12 through 25.

10. Scroll down to “4. Select year and month:” and choose the years desired. In the example, we specified “past 5 years”. This translates to 2011-2015. Multiple years can be chosen by holding

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down the “CTRL” key on the key board while clicking on the years desired with the mouse.

Notice again that the system shows what has been chosen under the “Currently selected:” gray box on the right hand side. See picture below.



11. Scroll down past “5. Select weekday, autopsy and place of death:” to “6. Select underlying cause of death:”. For the purposes of this exercise, the default settings under section 5 are sufficient.
12. Under “6. Select underlying cause of death:” it is necessary to input ICD 10 codes into the system. The ICD 10 codes for underlying cause of death pertaining to prescription opioid poisoning are as follows: **X40, X41, X42, X43, X44, X60, X61, X62, X63, X64, X85, Y10, Y11, Y12, Y13, Y14**. In other words, it is necessary to select all of these codes in this section. Again, use the “CTRL” key on the keyboard while clicking on the codes to accomplish this goal.
13. First, make sure that the bubble next to “UCD – ICD-10 Codes” is filled. Then under the “Browse” tab, select “ V01-Y89 (External causes of morbidity and mortality)” [this is the last option] and

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click on “Open Fully” underneath the dialog box. See picture below.

14. After clicking on “Open Fully” all the ICD 10 codes in this category will open. This is categorized in alphabetical AND numerical order. This step requires a little patience. Scroll until the desired ICD 10 codes are found, and then select all the ICD 10 codes mentioned in Step 12 (X40, X41, X42, X43, X44, X60, X61, X62, X63, X64, X85, Y10, Y11, Y12, Y13, Y14). Notice again you can check to ensure all the necessary ICD 10 codes have been selected by scrolling in the “Currently selected:” gray box on the right hand side. See picture below.

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15. Scroll down to “7. Select multiple cause of death:” and again check to ensure that the bubble next to “MCD – ICD-10 Codes” is filled. In this section, the multiple cause(s) of death ICD 10 codes are the following: **T40.2, T40.3, T40.4**. Again, under the “Browse” tab, scroll down to the bottom of the box and select “S00-T98 (Injury, poisoning and certain other consequences of external causes)”. Then click on “Open Fully” underneath the box. See picture below.

**7. Select multiple cause of death:** Send Help

Click a button to select ICD codes by Chapters or by Groups.

**MCD - ICD-10 Codes**     MCD - ICD-10 130 Cause List (Infants)  
 MCD - ICD-10 113 Cause List     MCD - Drug/Alcohol Induced Causes

**Items in the Select Records box will be used for your request.**  
Enter codes by hand, one per line, or find items in the Finder Tool and *Move (highlighted) Items Over*.  
[Finder Tool Help](#)

**Select Records**

with any of these items:

AND any of these items:

Leave box empty, or use \*All\*, to select all values.

Browse    Search    Details

**MCD - ICD-10 Codes**

- + H60-H95 (Diseases of the ear and mastoid process)
- + I00-I99 (Diseases of the circulatory system)
- + J00-J98 (Diseases of the respiratory system)
- + K00-K92 (Diseases of the digestive system)
- + L00-L98 (Diseases of the skin and subcutaneous tissue)
- + M00-M99 (Diseases of the musculoskeletal system and connective tissue)
- + N00-N99 (Diseases of the genitourinary system)
- + O00-O99 (Pregnancy, childbirth and the puerperium)
- + P00-P96 (Certain conditions originating in the perinatal period)
- + Q00-Q99 (Congenital malformations, deformations and chromosomal abnormalities)
- + R00-R99 (Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified)
- + S00-T98 (Injury, poisoning and certain other consequences of external causes)
- + U00-U99 (Codes for special purposes)
- + V01-Y89 (External causes of morbidity and mortality)

**Browse** the list by opening and closing items.  
**Use** Ctrl+Click to multiple select, Shift+Click for a range.

**Note:** Use both selection boxes to select results that contain items from both the first AND second box. See the [feature description](#) for more information.  
**Note:** Javascript must be enabled for the "Move" and "Clear" buttons to work. Enter or clear codes by hand if the buttons don't work.

16. After clicking on “Open Fully”, the multiple causes of death will pop up. At this point, scroll to T40 and select the following ICD 10 codes (**T40.2, T40.3, T40.4**). This is in alphabetical AND numerical order. To select all the codes hold down the “CTRL” key on the keyboard while clicking on the appropriate ICD 10 codes. Once selected, click on the “Move items over <<<” icon placed directly to the left of the “Browse” tab. This will populate the box on the left that reads



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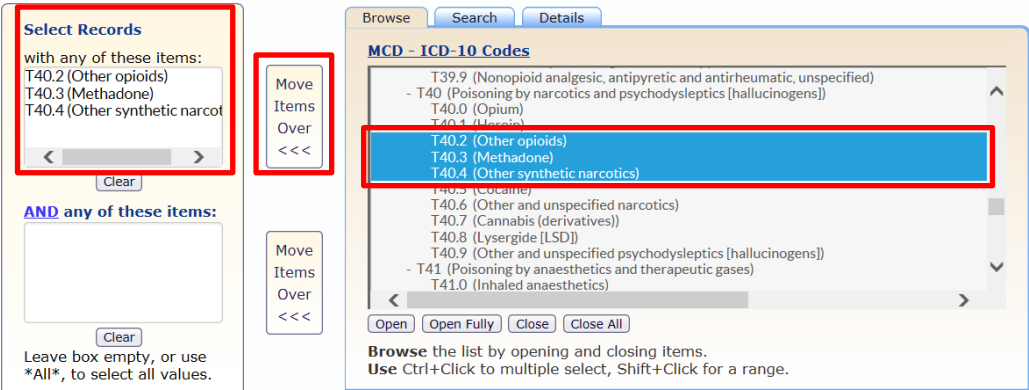
“Select Records with any of these items:”. See picture below.

**7. Select multiple cause of death:** Send Help

Click a button to select ICD codes by Chapters or by Groups.

MCD - ICD-10 Codes       MCD - ICD-10 130 Cause List (Infants)  
 MCD - ICD-10 113 Cause List       MCD - Drug/Alcohol Induced Causes

Items in the Select Records box will be used for your request.  
Enter codes by hand, one per line, or find items in the Finder Tool and *Move (highlighted) Items Over*.  
[Finder Tool Help](#)



**Note:** Use both selection boxes to select results that contain items from both the first AND second box. See the [feature description](#) for more information.  
**Note:** Javascript must be enabled for the "Move" and "Clear" buttons to work. Enter or clear codes by hand if the buttons don't work.

17. In “8. Other options:” the decimal points, totals etc. can be altered. The default settings for this section should be sufficient. See picture below.

**8. Other options:** Send Help

**Export Results**  (Check box to download results to a file)  
**Show Totals**   
**Show Zero Values**   
**Show Suppressed Values**   
**Precision** 1  decimal places  
**Data Access Timeout** 10  minutes

18. Scroll to the bottom of the page and select “Send”.

19. The “Send” request will generate a table with the data requests you entered. It will show “Deaths” in a column, which is the number of deaths in that county during that time period. There will also be a “crude rate per 100,000” and an “age adjusted per 100,000 (95% Confidence Interval)” shown. Additionally, the “title” for the table will be present at the top of the table. See

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picture below.

Multiple Cause of Death, 1999-2016 Results  
**Prescription opioid related death rates, 2012-2016**

Request Form Results Map Chart About

[Multiple Cause of Death Data](#) [Dataset Documentation](#) [Other Data Access](#) [Help for Results](#) [Printing Tips](#) [Help with Exports](#) Save Export Reset

Quick Options More Options Top Notes Citation Query Criteria

| County ↓                    | Deaths ↕ | Population ↕ | Crude Rate Per 100,000 ↕ | Age Adjusted Rate Per 100,000 (95% Confidence Interval) ↕ | Age Adjusted Rate Standard Error ↕ |
|-----------------------------|----------|--------------|--------------------------|---|------------------------------------|
| Oklahoma County, OK (40109) | 415      | 3,823,075    | 10.9                     | 11.0 (9.9 - 12.1)   | 0.5                                |
| Total                       | 415      | 3,823,075    | 10.9                     | 11.0 (9.9 - 12.1)   | 0.5                                |

Top Options Notes Citation Query Criteria

- a. You can choose to save your work by clicking on “Save” (see above). After this you can bookmark the page, take a screenshot of the table and save it, or copy the link that created the page and send it to yourself or someone else. See picture below.

Multiple Cause of Death, 1999-2016 Results  
**Prescription opioid related death rates, 2012-2016**

Request Form Results Map Chart About

**Your Results Have Been Saved in the WONDER System**

- Press **Ctrl+D** to **Bookmark** your saved page or **Add it to Favorites**.
- You can also Copy the link that creates this page, or share it to social media: [f](#) [t](#) [e](#) [in](#) <#>
- The contents of your saved page are below if you want to review them.
- When you're done, click the button below to return to your WONDER session.

Resume Current Work

[Multiple Cause of Death Data](#) [Dataset Documentation](#) [Other Data Access](#) [Help for Results](#) [Printing Tips](#) [Help with Exports](#) Save Export Reset

Quick Options Show Options Top Notes Citation Query Criteria

| County ↓                    | Deaths ↕ | Population ↕ | Crude Rate Per 100,000 ↕ | Age Adjusted Rate Per 100,000 (95% Confidence Interval) ↕ | Age Adjusted Rate Standard Error ↕ |
|-----------------------------|----------|--------------|--------------------------|---|------------------------------------|
| Oklahoma County, OK (40109) | 415      | 3,823,075    | 10.9                     | 11.0 (9.9 - 12.1)   | 0.5                                |
| Total                       | 415      | 3,823,075    | 10.9                     | 11.0 (9.9 - 12.1)   | 0.5                                |

20. The “Notes” section underneath the table will provide any caveats about the data set. There is also a “Suggested Citation:” that is very useful because it can be copied and pasted into another document if you are using the CDC Wonder database and need to cite the source. See picture

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below.

### Notes:

#### Caveats:

As of April 3, 2017, the underlying cause of death has been revised for 125 deaths in 2014. [More information.](#)

The populations used to calculate standard age-adjusted rates are documented here: [More information.](#)

The method used to calculate age-adjusted rates is documented here: [More information.](#)

Deaths for persons of unknown age are included in counts and crude rates, but are not included in age-adjusted rates.

The method used to calculate 95% confidence intervals is documented here: [More information.](#)

The method used to calculate standard errors is documented here: [More information.](#)

The population figures for year 2016 are bridged-race estimates of the July 1 resident population, from the Vintage 2016 postcensal series released by NCHS on June 26, 2017. The population figures for year 2015 are bridged-race estimates of the July 1 resident population, from the Vintage 2015 postcensal series released by NCHS on June 28, 2016. The population figures for year 2014 are bridged-race estimates of the July 1 resident population, from the Vintage 2014 postcensal series released by NCHS on June 30, 2015. The population figures for year 2013 are bridged-race estimates of the July 1 resident population, from the Vintage 2013 postcensal series released by NCHS on June 26, 2014. The population figures for year 2012 are bridged-race estimates of the July 1 resident population, from the Vintage 2012 postcensal series released by NCHS on June 13, 2013. Population figures for 2011 are bridged-race estimates of the July 1 resident population, from the county-level postcensal Vintage 2011 series released by NCHS on July 18, 2012. Population figures for 2010 are April 1 Census counts. The population figures for years 2001 - 2009, are bridged-race estimates of the July 1 resident population, from the revised intercensal county-level 2000 - 2009 series released by NCHS on October 26, 2012. Population figures for 2000 are April 1 Census counts. Population figures for 1999 are from the 1990-1999 intercensal series of July 1 estimates. Population figures for Infant Age Groups are the number of live births.

**Note:** Rates and population figures for years 2001 - 2009 differ slightly from previously published reports, due to use of the population estimates which were available at the time of release.

The population figures used in the calculation of death rates for the age group 'under 1 year' are the estimates of the resident population that is under one year of age. [More information.](#)

Changes to cause of death classification affect reporting trends. [More information.](#)

**Help:** See [Multiple Cause of Death, 1999-2016 Documentation](#) for more information.

**Query Date:** Jan 23, 2018 4:06:16 PM

[Top](#) [Options](#) [Notes](#) [Citation](#) [Query Criteria](#)

### Suggested Citation:

Centers for Disease Control and Prevention, National Center for Health Statistics. Multiple Cause of Death 1999-2016 on CDC WONDER Online Database, released December, 2017. Data are from the Multiple Cause of Death Files, 1999-2016, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <http://wonder.cdc.gov/mcd-icd10.html> on Jan 23, 2018 4:06:16 PM

21. The "Query Criteria" located underneath the suggested citation is very useful because it shows all the details of the table created. If there are any concerns about whether the right things were selected for the table, simply check the "Query Criteria". This shows all the categories

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available and what was selected for each. See picture below.

|                             |   |
|-----------------------------|---|
| <b>Query Criteria:</b>      |   |
| <b>Title:</b>               | Prescription opioid related death rates, 2012-2016  |
| <b>2013 Urbanization:</b>   | All   |
| <b>Autopsy:</b>             | All   |
| <b>Gender:</b>              | All   |
| <b>Hispanic Origin:</b>     | All   |
| <b>MCD - ICD-10 Codes:</b>  | T40.2 (Other opioids), T40.3 (Methadone), T40.4 (Other synthetic narcotics)   |
| <b>Place of Death:</b>      | All   |
| <b>Race:</b>                | All   |
| <b>States:</b>              | Oklahoma County, OK (40109)   |
| <b>Ten-Year Age Groups:</b> | All   |
| <b>UCD - ICD-10 Codes:</b>  | X40 (Accidental poisoning by and exposure to nonopioid analgesics, antipyretics and antirheumatics), X41 (Accidental poisoning by and exposure to antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified), X42 (Accidental poisoning by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified), X43 (Accidental poisoning by and exposure to other drugs acting on the autonomic nervous system), X44 (Accidental poisoning by and exposure to other and unspecified drugs, medicaments and biological substances), X60 (Intentional self-poisoning by and exposure to nonopioid analgesics, antipyretics and antirheumatics), X61 (Intentional self-poisoning by and exposure to antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified), X62 (Intentional self-poisoning by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified), X63 (Intentional self-poisoning by and exposure to other drugs acting on the autonomic nervous system), X64 (Intentional self-poisoning by and exposure to other and unspecified drugs, medicaments and biological substances), X85 (Assault by drugs, medicaments and biological substances), Y10 (Poisoning by and exposure to nonopioid analgesics, antipyretics and antirheumatics, undetermined intent), Y11 (Poisoning by and exposure to antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified, undetermined intent), Y12 (Poisoning by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified, undetermined intent), Y13 (Poisoning by and exposure to other drugs acting on the autonomic nervous system, undetermined intent), Y14 (Poisoning by and exposure to other and unspecified drugs, medicaments and biological substances, undetermined intent) |
| <b>Weekday:</b>             | All   |
| <b>Year/Month:</b>          | 2012, 2013, 2014, 2015, 2016  |
| <b>Group By:</b>            | County  |
| <b>Show Totals:</b>         | True  |
| <b>Show Zero Values:</b>    | False   |
| <b>Show Suppressed:</b>     | False   |
| <b>Standard Population:</b> | 2000 U.S. Std. Population   |
| <b>Calculate Rates Per:</b> | 100,000   |
| <b>Rate Options:</b>        | Default intercensal populations for years 2001-2009 (except Infant Age Groups)  |

22. Congratulations! You have successfully used the CDC Wonder database to obtain pertinent data for your county/state about prescription opioid related mortality rates!