

Summer Datathon

presented by
 broadstreet

Community Data Project Group Challenge:

We have 3-hrs to pitch a 5-sentence funding proposal for reducing **pregnancy-related deaths** in your team's state.

Can data guide us to opportunities?

Learning Objectives

By the end of the 3 hours, each participant will walk away with **Career-ready data skills** for writing grants, Community Health Assessments, and to make the case for community change projects:

- Specifically, we will learn ...
 - ◆ What is an Indicator List?
 - ◆ How to construct a scientifically-supported indicator list
 - ◆ How to create a data story from an indicator list
 - ◆ How to find free and publicly available data sources especially for birth data and also for deaths, demographics, and beyond
 - ◆ How to make a succinct, data-guided case for resources i.e. funding

Inputs

Tools

- A premade indicator list + info on how to find each indicator
- A prepped spreadsheet:  [Datathon Indicator Hunt](#)
- A datagram template in Canva:
https://www.canva.com/design/DAFpwyS77gA/Z0TNX8p2f05FrAj74ZGW_Q/edit?utm_content=DAFpwyS77gA&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton

Team w/ State [See assignments](#)

Time

- 3 hours
 - ◆ 90 min workshop (30 min prep, 45 min working, 15 min recap)
 - ◆ 30 min lunch and brain break
 - ◆ 60 min pitch competition

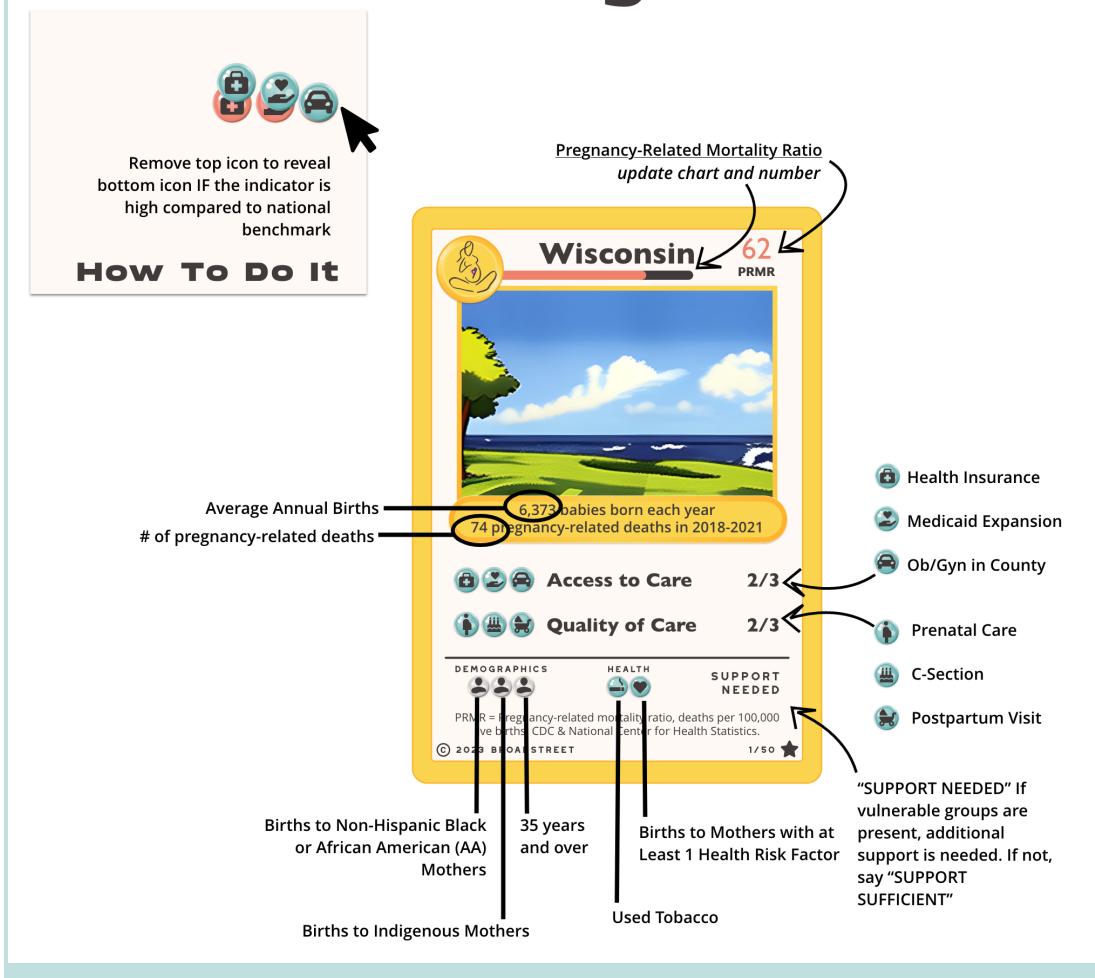
Activity

Assemble a data story for your team's state for [pregnancy-related deaths](#).

Outputs

3 outputs: A state-level [indicator list](#), a [datagram](#), and a 5-sentence pitch.

Datagram



Blue if lower than the national benchmark. In the example above, “**1/3**” are good (blue)
Red if higher than national benchmark



Yellow if populations with a higher likelihood of pregnancy-related death are present in the population at a higher proportion or percent vs. benchmark
Grey if populations are lower than benchmark

The 5-Sentence Pitch

(1) hello	<i>"We believe you should fund {{YOUR STATE}}.</i>
(2) sum up	<i>Overall, Pregnancy-related mortality is average compared to the U.S,</i>
(3) challenge	<i>However, there are many people who are not insured and many pregnant people with preexisting health conditions such as hypertension & diabetes.</i>
(4) solution	<i>In order to ensure that health conditions are treated during pregnancy, we will expand medicaid and improve access to affordable care.</i>
(5) thank you	<i>Thank you for your time"</i>

Recommended Team Strategy

There are about 12 indicators to gather for each state.

It is recommended that each person takes 2 indicators :

- One CDC WONDER birth indicator
- Another, 2nd indicator set

The difficulty of finding each indicator is in the [Indicator List](#)

Some indicators have been pre-calculated

Team Member	Indicators from CDC WONDER Births	2nd Indicator
Team Member 1 III	Births Delivered via C-section 2018-2021	U.S. Census Data Indicators 3 indicators gathered from 1 downloaded spreadsheet
Team Member 2 II	Births to Non-Hispanic Black or African American Mothers 2018-2021	Births to Indigenous Mothers 2018-2021 (also CDC WONDER Births)
Team Member 3 II	Births to Mothers with at least 1 Health Risk Factor 2018-2021	Births to Mothers Who Used Tobacco During Pregnancy 2018-2021 (also CDC WONDER Births)

Team Member 4 III	<u>Births to Mothers Who Received No Prenatal Care 2018-2021</u>	<u>Maternal Postpartum Checkup</u> (PRAMS, PDF file)
Team Member 5 II	<u>Births to Mothers 35 years and over 2018-2021</u>	<u>State Medicaid Expansion Status 2023</u> (KFF website)
BONUS		<u>Number of Counties with no Ob/Gyn</u>
Already Gathered	<u>Total Number of Birth 2018-2021</u>	<u>Pregnancy-Related Deaths 2018-2021</u>
Level of Difficulty III - higher, may include Excel download, II = medium, I = low difficulty		

Topic Background

Please see slides:  Summer Datathon - July 28, 2023

The Indicator List

[Handbook](#) and [Indicator List](#) are Linked

Note: Terminology matches data source for reference. It is recognized that not all person's giving birth or who have the ability to give birth identify as females, women, or mothers.

Category	Indicator	Difficulty
About Our Community	Total population	II low
	Women of childbearing age (19 through 54 yrs)	III high
	Total births 2018-2021	II med
	Average Annual Births	II med

Health Factors

Social and Economic Factors	Race/Ethnicity	Births to Non-Hispanic Black or African American (AA) Mothers 2018-2021	III med
	Age	Births to Indigenous Mothers 2018-2021	III med
Health & Health Behaviors	Health	Births to Mothers 35 years and over 2018-2021	III med
	Tobacco Use	Births to Mothers with at Least 1 Health Risk Factor	III med
	Prenatal	Births to Mothers Who Used Tobacco use during pregnancy	III med
	Delivery	Births to Mothers Who Received No Prenatal Care 2018-2021	III med
Clinical Care	Postnatal	Births Delivered via C-section 2018-2021	III med
	Affordable	Maternal Postpartum Checkup 2020	II low
	Accessible	Women of childbearing age (19 through 54) with no health insurance	III high
		State Medicaid Expansion Status	II low
		Number of Counties with no Ob/Gyn	II med

Health Outcomes

Mortality	Pregnancy-Related deaths (2018-2021)	III high
	Pregnancy-Related Mortality Ratio	III high

The Data Hunt

CDC WONDER Births

CDC Wonder Births a.k.a. Natality files are an amazing data source with rich information from birth certificates in the U.S.

Indicators from CDC WONDER Births, Natality files

- [Total Number of Birth 2018-2021](#) (already collected)
- [Births to Non-Hispanic Black or African American Mothers 2018-2021](#)
- [Births to Indigenous Mothers 2018-2021](#)
- [Births to Mothers 35 years and over 2018-2021](#)
- [Births to Mothers with at least 1 Health Risk Factor 2018-2021](#)
- [Births to Mothers Who Used Tobacco During Pregnancy 2018-2021](#)
- [Births to Mothers Who Received No Prenatal Care 2018-2021](#)
- [Births Delivered via C-section 2018-2021](#)

Please review the instructions for the [CDC WONDER Birth](#) files below

Gather information into spreadsheet  Datathon State Indicator List

Data Source: CDC WONDER Birth Files

STEP 1

The screenshot shows the main navigation menu of the CDC WONDER website. A red arrow points to the 'Births' link under the 'WONDER Systems' section.

Go to
<https://wonder.cdc.gov/>

And select “Births”

STEP 2

The screenshot shows the 'Nativity Information' page for 'Live Births'. A red circle highlights the 'Nativity for 2016 - 2021 (expanded)' link in the 'Select from file' dropdown menu.

Select: [Nativity for 2016 - 2021 \(expanded\)](#)

STEP 3

The screenshot shows the 'About Natality, 2016-2021 expanded' page. A red circle highlights the 'I Agree' checkbox at the bottom of the page.

Agree to terms > “I Agree”

Note: You are agreeing to
not report CELLS OF
UNDER 10

STEP 4

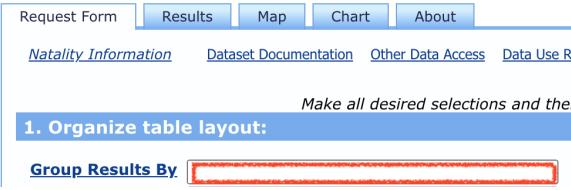
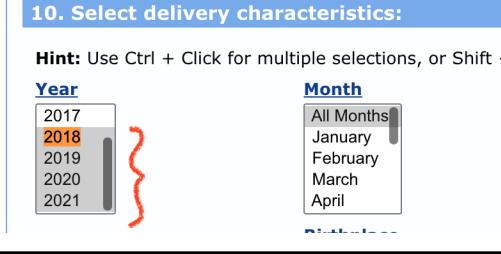
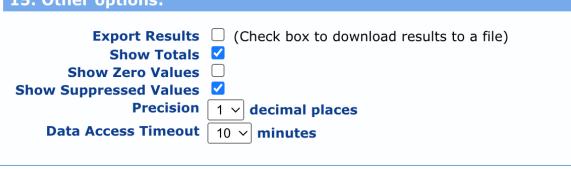
The screenshot shows the '15. Other options:' section. A red circle highlights the 'Send' button at the bottom of the page.

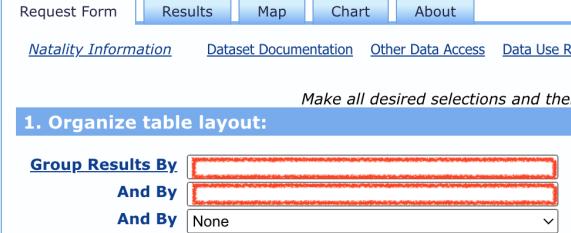
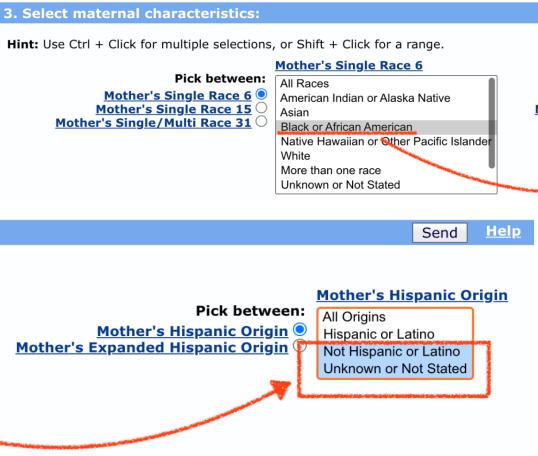
After Query is complete,
click “Send”

STEP 5

The screenshot shows the 'Nativity, 2016-2021 expanded Results' page. A red circle highlights the value '77,916' in the 'Births' column for the 'Arizona (04)' row.

View Results

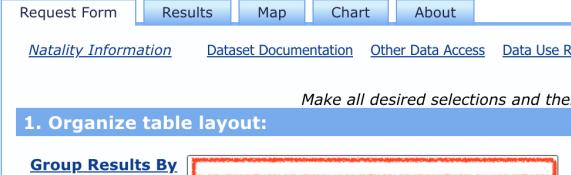
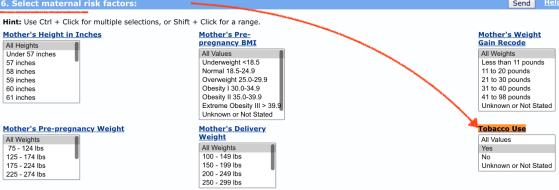
Indicator:	Total Number of Births 2018-2021												
Shortcut Link:	https://wonder.cdc.gov/controller/saved/D149/D350F679												
Section:	Picture:	Settings:	Notes:										
1. Organize table layout	 <p>Request Form Results Map Chart About</p> <p>Natality Information Dataset Documentation Other Data Access Data Use R</p> <p>Make all desired selections and then click the 'Search' button.</p> <p>1. Organize table layout:</p> <p>Group Results By [red box]</p>	Group Results By: Maternal “State of Residence” And By: “None”											
2. Select maternal residence	 <p>2. Select maternal residence:</p> <p>Click a button to choose locations by State, Region or HHS Region. <input checked="" type="radio"/> States <input type="radio"/> Census Regions <input type="radio"/> HHS Regions</p> <p>Browse or search to find items in the States Finder Tool, then highlight the item you want to select. The Currently selected box displays all current request items.</p> <p>Finder Tool Help Advanced Finder Options</p> <p>Browse Search Details</p> <p>States</p> <table border="1"> <thead> <tr> <th>Currently selected:</th> </tr> </thead> <tbody> <tr> <td>*All* (The United States)</td> </tr> <tr> <td>+ 01 (Alabama)</td> </tr> <tr> <td>+ 02 (Alaska)</td> </tr> </tbody> </table>	Currently selected:	*All* (The United States)	+ 01 (Alabama)	+ 02 (Alaska)	States Select your state							
Currently selected:													
All (The United States)													
+ 01 (Alabama)													
+ 02 (Alaska)													
10. Select delivery characteristics	 <p>10. Select delivery characteristics:</p> <p>Hint: Use Ctrl + Click for multiple selections, or Shift + Click</p> <p>Year</p> <table border="1"> <tr><td>2017</td></tr> <tr><td>2018</td></tr> <tr><td>2019</td></tr> <tr><td>2020</td></tr> <tr><td>2021</td></tr> </table> <p>Month</p> <table border="1"> <tr><td>All Months</td></tr> <tr><td>January</td></tr> <tr><td>February</td></tr> <tr><td>March</td></tr> <tr><td>April</td></tr> </table>	2017	2018	2019	2020	2021	All Months	January	February	March	April	Year: “2018” “2019” “2020” “2021”	
2017													
2018													
2019													
2020													
2021													
All Months													
January													
February													
March													
April													
15. Other Options	 <p>15. Other options:</p> <p>Export Results <input type="checkbox"/> (Check box to download results to a file)</p> <p>Show Totals <input checked="" type="checkbox"/></p> <p>Show Zero Values <input type="checkbox"/></p> <p>Show Suppressed Values <input checked="" type="checkbox"/></p> <p>Precision <input type="button" value="1"/> decimal places</p> <p>Data Access Timeout <input type="button" value="10"/> minutes</p>	<input checked="" type="checkbox"/> Show Totals <input checked="" type="checkbox"/> Show Suppressed Values											

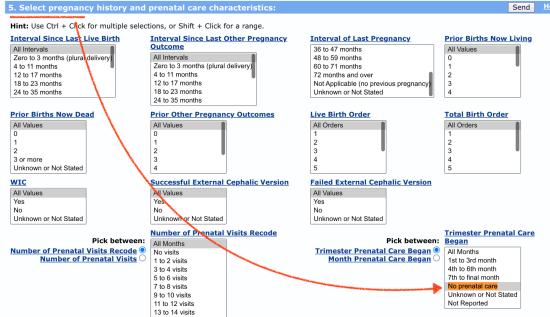
Indicator:	Births to Non-Hispanic Black or African American Mothers 2018-2021														
Shortcut Link:	https://wonder.cdc.gov/controller/saved/D149/D350F697														
Section:	Picture:	Settings:	Notes:												
1. Organize table layout	 <p>Request Form Results Map Chart About</p> <p>Nativity Information Dataset Documentation Other Data Access Data Use R</p> <p>Make all desired selections and then click the 'Search' button.</p> <p>1. Organize table layout:</p> <p>Group Results By: <input type="text" value="Mother's Single Race 6"/></p> <p>And By: <input type="text"/></p> <p>And By: <input type="text" value="None"/></p>	<p>Group Results By: “Mother’s Single Race 6”</p> <p>And By: Maternal “State of Residence”</p>													
2. Select Maternal Residence	 <p>2. Select maternal residence:</p> <p>Click a button to choose locations by State, Region or HHS Region.</p> <p>States <input checked="" type="radio"/> Census Regions <input type="radio"/> HHS Regions <input type="radio"/></p> <p>Browse or search to find items in the States Finder Tool, then highlight the (The Currently selected box displays all current request items.)</p> <p>Finder Tool Help Advanced Finder Options</p> <p>Browse Search Details</p> <p>States Currently selected:</p> <ul style="list-style-type: none"> *All* (The United States) + 01 (Alabama) + 02 (Alaska) 	<p>States</p> <p>Select your state</p>													
3. Select Maternal Characteristics	 <p>3. Select maternal characteristics:</p> <p>Hint: Use Ctrl + Click for multiple selections, or Shift + Click for a range.</p> <p>Mother's Single Race 6</p> <p>Pick between:</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> Mother's Single Race 6 <input type="radio"/> Mother's Single Race 15 <input type="radio"/> Mother's Single/Multi Race 31 <table border="1"> <thead> <tr> <th>All Races</th> <th>American Indian or Alaska Native</th> </tr> </thead> <tbody> <tr> <td>Asian</td> <td>Black or African American</td> </tr> <tr> <td>Native Hawaiian or Other Pacific Islander</td> <td>White</td> </tr> <tr> <td>More than one race</td> <td>Unknown or Not Stated</td> </tr> </tbody> </table> <p>Mother's Hispanic Origin</p> <p>Pick between:</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> Mother's Hispanic Origin <input type="radio"/> Mother's Expanded Hispanic Origin <table border="1"> <thead> <tr> <th>All Origins</th> <th>Hispanic or Latino</th> </tr> </thead> <tbody> <tr> <td>Not Hispanic or Latino</td> <td>Unknown or Not Stated</td> </tr> </tbody> </table>	All Races	American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race	Unknown or Not Stated	All Origins	Hispanic or Latino	Not Hispanic or Latino	Unknown or Not Stated	<p>Mother's Single Race 6: “Black or African American”</p> <p>Mother's Hispanic Origin: “Not Hispanic or Latino” + “Unknown or Not Stated”</p>	
All Races	American Indian or Alaska Native														
Asian	Black or African American														
Native Hawaiian or Other Pacific Islander	White														
More than one race	Unknown or Not Stated														
All Origins	Hispanic or Latino														
Not Hispanic or Latino	Unknown or Not Stated														
10. Select Delivery Characteristics	 <p>10. Select delivery characteristics:</p> <p>Hint: Use Ctrl + Click for multiple selections, or Shift + Click</p> <p>Year</p> <ul style="list-style-type: none"> 2017 2018 2019 2020 2021 <p>Month</p> <ul style="list-style-type: none"> All Months January February March April 	<p>Year:</p> <p>“2018”</p> <p>“2019”</p> <p>“2020”</p> <p>“2021”</p>													

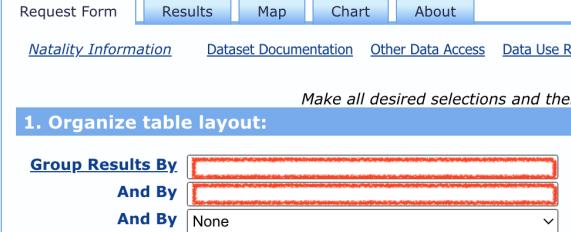
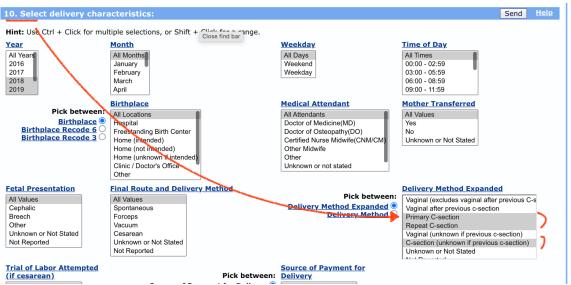
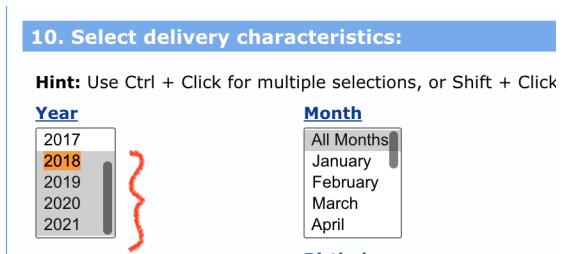
Indicator:	Births to Indigenous Mothers 2018-2021																						
Shortcut Link:	https://wonder.cdc.gov/controller/saved/D149/D350F698																						
Section:	Picture:	Settings:	Notes:																				
1. Organize table layout	<p>Request Form Results Map Chart About</p> <p>Natality Information Dataset Documentation Other Data Access Data Use R</p> <p>Make all desired selections and then click 'Search'.</p> <p>1. Organize table layout:</p> <p>Group Results By: <input style="outline: 2px solid red; width: 200px; height: 20px; border: 1px solid black; border-radius: 5px;" type="text"/></p> <p>And By: <input style="outline: 2px solid red; width: 200px; height: 20px; border: 1px solid black; border-radius: 5px;" type="text"/></p> <p>And By: None</p>	Group Results By: "Mother's Single Race 6" And By: Maternal "State of Residence"																					
2. Select Maternal Residence	<p>Click a button to choose locations by State, Region or HHS Region.</p> <p>States <input checked="" type="radio"/> Census Regions <input type="radio"/> HHS Regions <input type="radio"/></p> <p>Browse or search to find items in the States Finder Tool, then highlight the item you want to select. The Currently selected box displays all current request items.</p> <p>Finder Tool Help Advanced Finder Options</p> <p>Browse Search Details</p> <p>States</p> <table border="1"> <tr> <td>All* (The United States)</td> <td>Currently selected: *All* (The United States)</td> </tr> <tr> <td>+ 01 (Alabama)</td> <td></td> </tr> <tr> <td>+ 02 (Alaska)</td> <td></td> </tr> </table>	All* (The United States)	Currently selected: *All* (The United States)	+ 01 (Alabama)		+ 02 (Alaska)		States <i>Select your state</i>															
All* (The United States)	Currently selected: *All* (The United States)																						
+ 01 (Alabama)																							
+ 02 (Alaska)																							
3. Select Maternal Characteristics	<p>3. Select maternal characteristics:</p> <p>Hint: Use Ctrl + Click for multiple selections, or Shift + Click for a range.</p> <p>Pick between:</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> Mother's Single Race 6 <input type="radio"/> Mother's Single Race 15 <input type="radio"/> Mother's Single/Multi Race 31 <table border="1"> <tr> <td>All Races</td> <td>American Indian or Alaska Native</td> </tr> <tr> <td>Asian</td> <td>Black or African American</td> </tr> <tr> <td>Native Hawaiian or Other Pacific Islander</td> <td>White</td> </tr> <tr> <td>More than one race</td> <td>Unknown or Not Stated</td> </tr> </table> <p>Mother's Hispanic Origin</p> <p>Pick between:</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> Mother's Hispanic Origin <input type="radio"/> Mother's Expanded Hispanic Origin <table border="1"> <tr> <td>All Origins</td> <td>Hispanic or Latino</td> </tr> <tr> <td>Not Hispanic or Latino</td> <td>Unknown or Not Stated</td> </tr> </table>	All Races	American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race	Unknown or Not Stated	All Origins	Hispanic or Latino	Not Hispanic or Latino	Unknown or Not Stated	Mother's Single Race 6: "American Indian or Alaska Native" Mother's Hispanic Origin: "Not Hispanic or Latino" + "Unknown or Not Stated"									
All Races	American Indian or Alaska Native																						
Asian	Black or African American																						
Native Hawaiian or Other Pacific Islander	White																						
More than one race	Unknown or Not Stated																						
All Origins	Hispanic or Latino																						
Not Hispanic or Latino	Unknown or Not Stated																						
10. Select Delivery Characteristics	<p>10. Select delivery characteristics:</p> <p>Hint: Use Ctrl + Click for multiple selections, or Shift + Click</p> <p>Year</p> <table border="1"> <tr> <td>2017</td> <td></td> </tr> <tr> <td>2018</td> <td>Selected (highlighted in red)</td> </tr> <tr> <td>2019</td> <td></td> </tr> <tr> <td>2020</td> <td></td> </tr> <tr> <td>2021</td> <td></td> </tr> </table> <p>Month</p> <table border="1"> <tr> <td>All Months</td> <td></td> </tr> <tr> <td>January</td> <td></td> </tr> <tr> <td>February</td> <td></td> </tr> <tr> <td>March</td> <td></td> </tr> <tr> <td>April</td> <td></td> </tr> </table>	2017		2018	Selected (highlighted in red)	2019		2020		2021		All Months		January		February		March		April		Year: "2018" "2019" "2020" "2021"	
2017																							
2018	Selected (highlighted in red)																						
2019																							
2020																							
2021																							
All Months																							
January																							
February																							
March																							
April																							

Indicator:	Births to Mothers 35 years and over 2018-2021		
Shortcut Link:	https://wonder.cdc.gov/controller/saved/D149/D350F700		
Section:	Picture:	Settings:	Notes:
1. Organize table layout	<p>The screenshot shows the 'Group Results By' section of the CDC Wonder search interface. It includes navigation links like Request Form, Results, Map, Chart, and About, and tabs for Natality Information, Dataset Documentation, Other Data Access, and Data Use R. A red box highlights the 'Group Results By' button.</p>	Group Results By: Maternal “State of Residence” And By: “None”	
2. Select maternal residence	<p>The screenshot shows the 'Select maternal residence' section. It includes instructions to click a button to choose locations by State, Region or HHS Region, with radio buttons for States (selected), Census Regions, and HHS Regions. Below are buttons for Finder Tool Help and Advanced Finder Options. A red box highlights the 'States' button.</p>	States Select your state	
3. Select maternal characteristics	<p>The screenshot shows the 'Select maternal characteristics' section. It includes a hint about using Ctrl + Click for multiple selections or Shift + Click for a range. It lists categories for Mother's Single Race (6 options), Mother's Expanded Race (15 options), Age of Mother (9 options), and Mother's Education (13 options). A red box highlights the 'Age of Mother' section.</p>	Age of Mother 9: “35-39 years” + “40-44 years” + “45-49 years” + “50 years and over”	
10. Select delivery characteristics	<p>The screenshot shows the 'Select delivery characteristics' section. It includes a hint about using Ctrl + Click for multiple selections or Shift + Click. It lists categories for Year (2017-2021) and Month (All Months, January, February, March, April). A red box highlights the 'Year' section.</p>	Year: “2018” “2019” “2020” “2021”	

Indicator:	Births to Mothers with at least 1 Health Risk Factor 2018-2021																																																
Shortcut Link:	https://wonder.cdc.gov/controller/saved/D149/D350F705																																																
Section:	Picture:	Settings:	Notes:																																														
1. Organize table layout	<p>Request Form Results Map Chart About</p> <p>Natality Information Dataset Documentation Other Data Access Data Use R</p> <p>Make all desired selections and then click the Search button.</p> <p>1. Organize table layout:</p> <p>Group Results By: [Red box highlights the dropdown menu]</p>	Group Results By: Maternal “State of Residence” And By: “None”																																															
2. Select maternal residence	<p>Click a button to choose locations by State, Region or HHS Region. <input checked="" type="radio"/> States <input type="radio"/> Census Regions <input type="radio"/> HHS Regions</p> <p>Browse or search to find items in the States Finder Tool, then highlight the item you want to select. The Currently selected box displays all current request items.</p> <p>Finder Tool Help Advanced Finder Options</p> <p>Browse Search Details</p> <p>States</p> <table border="1"> <tr> <td>*All* (The United States)</td> <td>Currently selected:</td> </tr> <tr> <td>+ 01 (Alabama)</td> <td>*All* (The United States)</td> </tr> <tr> <td>+ 02 (Alaska)</td> <td></td> </tr> </table>	*All* (The United States)	Currently selected:	+ 01 (Alabama)	*All* (The United States)	+ 02 (Alaska)		States Select your state																																									
All (The United States)	Currently selected:																																																
+ 01 (Alabama)	*All* (The United States)																																																
+ 02 (Alaska)																																																	
7. Select pregnancy risk factors	<p>Hint: Use Ctrl + Click for multiple selections, or Shift + Click for a range.</p> <table border="1"> <tr> <td>Pre-pregnancy Diabetes</td> <td>Gestational Diabetes</td> </tr> <tr> <td>All Values</td> <td>All Values</td> </tr> <tr> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>No</td> <td>No</td> </tr> <tr> <td>Unknown or Not Stated</td> <td>Unknown or Not Stated</td> </tr> </table> <table border="1"> <tr> <td>Eclampsia</td> <td>Previous Preterm Birth</td> </tr> <tr> <td>All Values</td> <td>All Values</td> </tr> <tr> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>No</td> <td>No</td> </tr> <tr> <td>Unknown or Not Stated</td> <td>Unknown or Not Stated</td> </tr> <tr> <td>Not Reported</td> <td></td> </tr> </table> <table border="1"> <tr> <td>Assistive Reproductive Technology</td> <td>Previous Cesarean Delivery</td> </tr> <tr> <td>All Values</td> <td>All Values</td> </tr> <tr> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>No</td> <td>No</td> </tr> <tr> <td>Unknown or Not Stated</td> <td>Unknown or Not Stated</td> </tr> <tr> <td>Not Applicable</td> <td></td> </tr> </table> <table border="1"> <tr> <td>Number of Previous Cesareans</td> <td>Risk Factors Checked</td> </tr> <tr> <td>All Values</td> <td>All Values</td> </tr> <tr> <td>0 previous cesareans</td> <td>None checked</td> </tr> <tr> <td>1 previous cesareans</td> <td>Unknown or Not Stated</td> </tr> <tr> <td>2 previous cesareans</td> <td>This field indicates what risk factors were reported.</td> </tr> <tr> <td>3 previous cesareans</td> <td>Selecting “None checked” excludes all records with risk factors.</td> </tr> </table>	Pre-pregnancy Diabetes	Gestational Diabetes	All Values	All Values	Yes	Yes	No	No	Unknown or Not Stated	Unknown or Not Stated	Eclampsia	Previous Preterm Birth	All Values	All Values	Yes	Yes	No	No	Unknown or Not Stated	Unknown or Not Stated	Not Reported		Assistive Reproductive Technology	Previous Cesarean Delivery	All Values	All Values	Yes	Yes	No	No	Unknown or Not Stated	Unknown or Not Stated	Not Applicable		Number of Previous Cesareans	Risk Factors Checked	All Values	All Values	0 previous cesareans	None checked	1 previous cesareans	Unknown or Not Stated	2 previous cesareans	This field indicates what risk factors were reported.	3 previous cesareans	Selecting “None checked” excludes all records with risk factors.	Risk Factors Checked: “At least one checked”	
Pre-pregnancy Diabetes	Gestational Diabetes																																																
All Values	All Values																																																
Yes	Yes																																																
No	No																																																
Unknown or Not Stated	Unknown or Not Stated																																																
Eclampsia	Previous Preterm Birth																																																
All Values	All Values																																																
Yes	Yes																																																
No	No																																																
Unknown or Not Stated	Unknown or Not Stated																																																
Not Reported																																																	
Assistive Reproductive Technology	Previous Cesarean Delivery																																																
All Values	All Values																																																
Yes	Yes																																																
No	No																																																
Unknown or Not Stated	Unknown or Not Stated																																																
Not Applicable																																																	
Number of Previous Cesareans	Risk Factors Checked																																																
All Values	All Values																																																
0 previous cesareans	None checked																																																
1 previous cesareans	Unknown or Not Stated																																																
2 previous cesareans	This field indicates what risk factors were reported.																																																
3 previous cesareans	Selecting “None checked” excludes all records with risk factors.																																																
10. Select delivery characteristics	<p>10. Select delivery characteristics:</p> <p>Hint: Use Ctrl + Click for multiple selections, or Shift + Click</p> <table border="1"> <tr> <td>Year</td> <td>Month</td> </tr> <tr> <td>2017</td> <td>All Months</td> </tr> <tr> <td>2018</td> <td>January</td> </tr> <tr> <td>2019</td> <td>February</td> </tr> <tr> <td>2020</td> <td>March</td> </tr> <tr> <td>2021</td> <td>April</td> </tr> </table>	Year	Month	2017	All Months	2018	January	2019	February	2020	March	2021	April	Year: “2018” “2019” “2020” “2021”																																			
Year	Month																																																
2017	All Months																																																
2018	January																																																
2019	February																																																
2020	March																																																
2021	April																																																

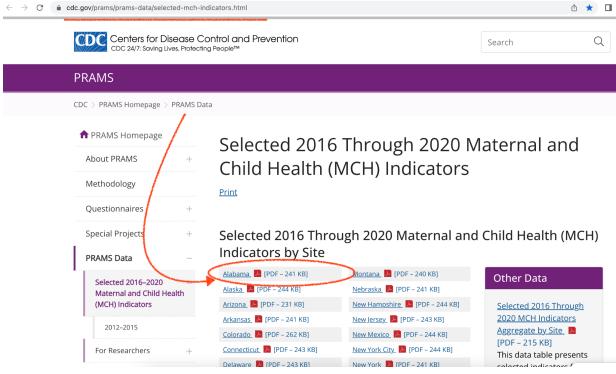
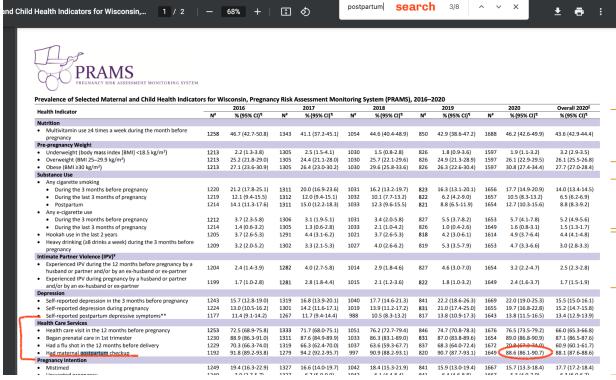
Indicator:	Births to Mothers Who Used Tobacco During Pregnancy 2018-2021		
Shortcut Link:	https://wonder.cdc.gov/controller/saved/D149/D350F707		
Section:	Picture:	Settings:	Notes:
1. Organize table layout	 <p>Request Form Results Map Chart About</p> <p>Natality Information Dataset Documentation Other Data Access Data Use R</p> <p>Make all desired selections and then click the 'Group Results By' button.</p> <p>1. Organize table layout:</p> <p>Group Results By [Red Box]</p>	Group Results By: Maternal “State of Residence” And By: “None”	
2. Select maternal residence	 <p>2. Select maternal residence:</p> <p>Click a button to choose locations by State, Region or HHS Region. <input checked="" type="radio"/> States <input type="radio"/> Census Regions <input type="radio"/> HHS Regions</p> <p>Browse or search to find items in the States Finder Tool, then highlight the currently selected box displays all current request items.) Finder Tool Help Advanced Finder Options</p> <p>Browse Search Details</p> <p>States</p> <p>Currently selected: *All* (The United States)</p> <p>+ 01 (Alabama) + 02 (Alaska)</p>	States Select your state	
6. Select maternal risk factors	 <p>6. Select maternal risk factors:</p> <p>Hint: Use Ctrl + Click for multiple selections, or Shift + Click for a range.</p> <p>Mother's Height in Inches <input type="checkbox"/> All Heights <input type="checkbox"/> Under 57 inches <input type="checkbox"/> 57 inches <input type="checkbox"/> 58 inches <input type="checkbox"/> 59 inches <input type="checkbox"/> 60 inches <input type="checkbox"/> 61 inches</p> <p>Mother's Pre-pregnancy BMI <input type="checkbox"/> All Values <input type="checkbox"/> Underweight <18.5 <input type="checkbox"/> Normal 18.5-24.9 <input type="checkbox"/> Overweight 25.0-29.9 <input type="checkbox"/> Obesity 30.0+ <input type="checkbox"/> Unknown or Not Stated</p> <p>Mother's Weight Gain in Pounds <input type="checkbox"/> All Weights <input type="checkbox"/> Less than 11 pounds <input type="checkbox"/> 11 to 20 pounds <input type="checkbox"/> 21 to 30 pounds <input type="checkbox"/> 31 to 40 pounds <input type="checkbox"/> 41 to 50 pounds <input type="checkbox"/> 51 or more pounds <input type="checkbox"/> Unknown or Not Stated</p> <p>Tobacco Use</p> <p>All Values <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown or Not Stated</p>	Tobacco use: “Yes”	
10. Select delivery characteristics	 <p>10. Select delivery characteristics:</p> <p>Hint: Use Ctrl + Click for multiple selections, or Shift + Click</p> <p>Year</p> <p>2017 <input checked="" type="radio"/> 2018 <input type="radio"/> 2019 <input type="radio"/> 2020 <input type="radio"/> 2021</p> <p>Month</p> <p>All Months January February March April</p>	Year: “2018” “2019” “2020” “2021”	

Indicator:	Births to Mothers Who Received No Prenatal Care 2018-2021		
Shortcut Link:	https://wonder.cdc.gov/controller/saved/D149/D350F710		
Section:	Picture:	Settings:	Notes:
1. Organize table layout	 <p>Make all desired selections and then click 'Submit'.</p> <p>1. Organize table layout:</p> <p>Group Results By: [Red Box]</p>	Group Results By: Maternal “State of Residence” And By: “None”	
2. Select maternal residence	 <p>Click a button to choose locations by State, Region or HHS Region. <input checked="" type="radio"/> States <input type="radio"/> Census Regions <input type="radio"/> HHS Regions</p> <p>Browse or search to find items in the States Finder Tool, then highlight the (The Currently selected box displays all current request items.)</p> <p>Finder Tool Help Advanced Finder Options</p> <p>2. Select maternal residence:</p> <p>Browse Search Details</p> <p>States</p> <p>*All* (The United States) + 01 (Alabama) + 02 (Alaska)</p> <p>Currently selected: *All* (The United States)</p>	States Select your state	
5. Select pregnancy history and prenatal care characteristics	 <p>5. Select pregnancy history and prenatal care characteristics:</p> <p>Hint: Use Ctrl + Click for multiple selections, or Shift + Click for a range.</p> <p>Prior Births Now Dead</p> <p>0 1 2 3 or more Unknown or Not Stated</p> <p>WIC</p> <p>All Values Yes No Unknown or Not Stated</p> <p>Pick Between: Number of Prenatal Visits Recode</p> <p>All Months 1 to 2 visits 3 to 4 visits 5 to 6 visits 7 to 8 visits 9 to 10 visits 11 to 12 visits 13 to 14 visits 15 or more visits</p> <p>Interval Since Last Live Birth</p> <p>Zero to 3 months (plus delivery) 4 to 11 months 12 to 17 months 18 to 23 months 24 to 30 months</p> <p>Interval Since Last Other Pregnancy Outcome</p> <p>All Intervals Zero to 3 months (plus delivery) 4 to 11 months 12 to 17 months 18 to 23 months 24 to 30 months</p> <p>Prior Other Pregnancy Outcomes</p> <p>0 1 2 3 4 Unknown or Not Stated</p> <p>Live Birth Order</p> <p>1 Orders 2 3 4 5</p> <p>Total Birth Order</p> <p>1 Orders 2 3 4 5</p> <p>Interval of Last Pregnancy</p> <p>36 to 47 months 48 to 59 months 60 to 71 months 72 months and over Not Applicable (no previous pregnancy) Unknown or Not Stated</p> <p>Prior Births Now Living</p> <p>All Values 0 1 2 3 4</p> <p>Successful External Cephalic Version</p> <p>All Values Yes No Unknown or Not Stated</p> <p>Failed External Cephalic Version</p> <p>All Values Yes No Unknown or Not Stated</p> <p>Pick Between: Trimester Prenatal Care Began</p> <p>All Months 1st to 3rd month 4th to 6th month 7th to 9th month 10th to 12 months No prenatal care Unknown or Not Stated Not Reported</p>	Trimester Prenatal Care Began: “No prenatal care”	
10. Select delivery characteristics	 <p>10. Select delivery characteristics:</p> <p>Hint: Use Ctrl + Click for multiple selections, or Shift + Click</p> <p>Year</p> <p>2017 2018 2019 2020 2021</p> <p>Month</p> <p>All Months January February March April</p>	Year: 2018 2019 2020 2021	

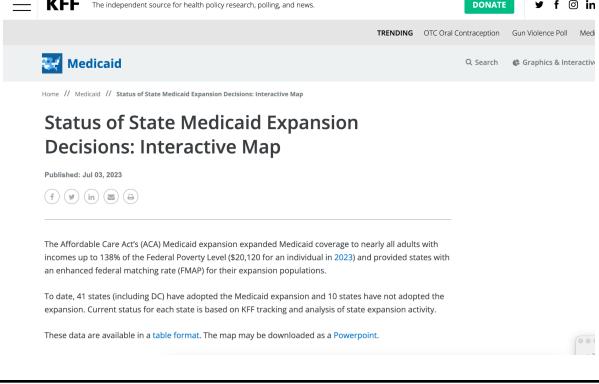
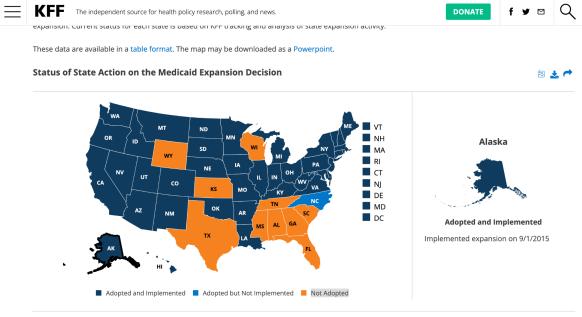
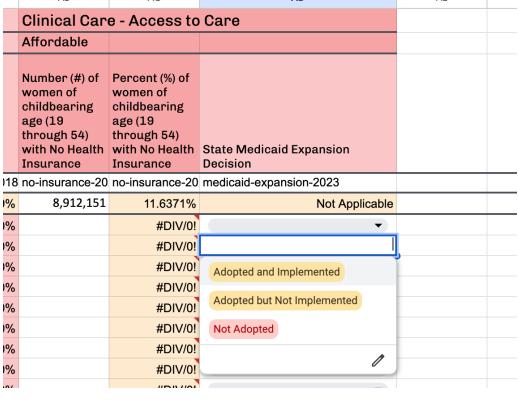
Indicator:	Births Delivered via C-section 2018-2021		
Shortcut Link:	https://wonder.cdc.gov/controller/saved/D149/D350F711		
Section:	Picture:	Settings:	Notes:
1. Organize table layout	 <p>1. Organize table layout:</p> <p>Group Results By: [red box] And By: [red box] And By: None</p>	<p>Group Results By: Maternal “State of Residence”</p> <p>And By: “None”</p>	
2. Select maternal residence	 <p>2. Select maternal residence:</p> <p>Click a button to choose locations by State, Region or HHS Region. States <input checked="" type="radio"/> Census Regions <input type="radio"/> HHS Regions <input type="radio"/></p> <p>Browse Search Details</p> <p>States *All* (The United States) + 01 (Alabama) + 02 (Alaska)</p> <p>Currently selected: *All* (The United States)</p>	<p>States</p> <p>Select your state</p>	
10. Select delivery characteristics	 <p>10. Select delivery characteristics:</p> <p>Hint: Use Ctrl + Click for multiple selections, or Shift + Click Year All Years 2018 2019 2020 2021</p> <p>Month All Months January February March April</p> <p>Delivery Method Expanded All Values Vaginal (excludes vagna after previous c-section) Primary C-section Repeat C-section Vaginal (includes previous c-section) C-section (unknown if previous c-section) Unknown or Not Stated</p>	<p>Delivery Method Expanded: “Primary C-section” + “Repeat C-section” + “C-Section (Unknown if prev)”</p> <p>OR</p> <p>Delivery Method: “Cesarean”</p>	
10. Select delivery characteristics	 <p>10. Select delivery characteristics:</p> <p>Hint: Use Ctrl + Click for multiple selections, or Shift + Click Year 2017 2018 2019 2020 2021</p> <p>Month All Months January February March April</p>	<p>Year:</p> <p>“2018” “2019” “2020” “2021”</p>	

Other Data Sources

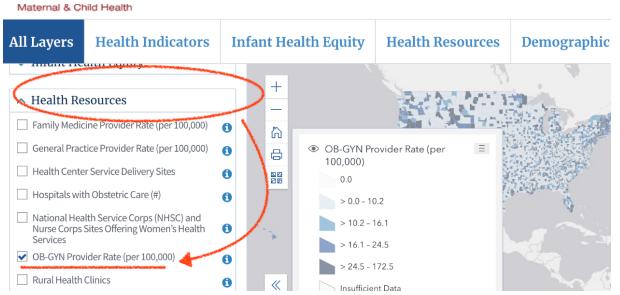
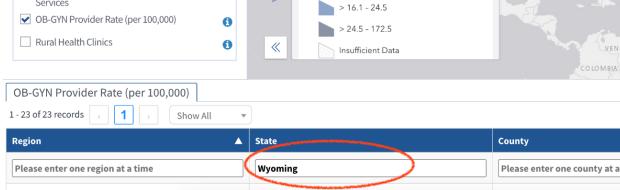
Data Source: PRAMS

Indicator:	Maternal Postpartum Checkup 2019 or 2020	
STEP 1		<p>Go to https://www.cdc.gov/prams/prams-data/selected-mch-indicators.html</p> <p>And select your state</p>
STEP 2		<p>Select 2020 value for “Had Maternal Postpartum Checkup”</p> <p>If 2020 is not available, choose the last known year, ex. 2019</p> <p>DO NOT select “Overall 2020” on far right because that is for multiple states</p>
STEP 3		<p>Fill number in</p> <p>+ Datathon State Indica...</p>

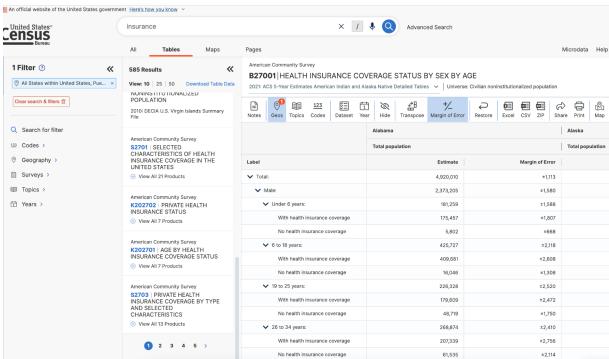
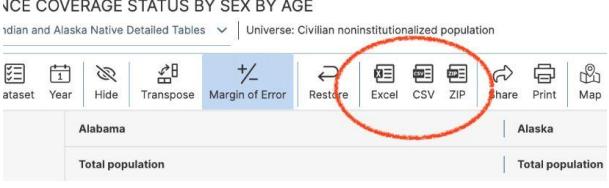
Data Source: Kaiser Family Foundation

Indicator:	State Medicaid Expansion Status		
STEP 1	 <p>The Affordable Care Act's (ACA) Medicaid expansion expanded Medicaid coverage to nearly all adults with incomes up to 138% of the Federal Poverty Level (\$20,120 for an individual in 2023) and provided states with an enhanced federal matching rate (FMAP) for their expansion populations.</p> <p>To date, 41 states (including DC) have adopted the Medicaid expansion and 10 states have not adopted the expansion. Current status for each state is based on KFF tracking and analysis of state expansion activity.</p> <p>These data are available in a table format. The map may be downloaded as a Powerpoint.</p>	<p>Go to</p> <p>https://www.kff.org/medicaid/issue-brief/status-of-state-medicaid-expansion-decisions-interactive-map/#:~:text=To%20date%2C%2041%20states%20(including,available%20in%20a%20table%20format.</p>	
STEP 2	 <p>The Affordable Care Act's (ACA) Medicaid expansion expanded Medicaid coverage to nearly all adults with incomes up to 138% of the Federal Poverty Level (\$20,120 for an individual in 2023) and provided states with an enhanced federal matching rate (FMAP) for their expansion populations.</p> <p>To date, 41 states (including DC) have adopted the Medicaid expansion and 10 states have not adopted the expansion. Current status for each state is based on KFF tracking and analysis of state expansion activity.</p> <p>These data are available in a table format. The map may be downloaded as a Powerpoint.</p>	<p>Scroll down to map. Select your state.</p> <p>Note Status of State Action</p> <ol style="list-style-type: none"> 1. Adopted and Implemented 2. Adopted but Not Implemented 3. Not Adopted 	
STEP 3		<p>Fill in Status options on</p> <p> Datathon State Indica...</p>	

Data Source: HRSA Maternal and Infant Health Mapping Tool

Indicator:	Number of Counties with no Ob/Gyn																		
STEP 1		Go to https://data.hrsa.gov/maps/mchb/																	
STEP 2		Select Health Resources Check <input checked="" type="checkbox"/> OB-GYN Provider Rate (per 100,000)																	
STEP 3		At the bottom on the Screen, under State , type in your state name to filter data																	
STEP 4		In the lower right, Select: Export to: Excel Click: Export																	
STEP 5	<p>Filtered By: State = 'wyoming'</p> <table border="1"> <thead> <tr> <th>Region</th> <th>State</th> <th>County</th> <th>OB-GYN Provider Rate</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>Wyoming</td> <td>Weston Cour</td> <td>0.0</td> </tr> <tr> <td>8</td> <td>Wyoming</td> <td>Washakie Co</td> <td>0.0</td> </tr> <tr> <td>8</td> <td>Wyoming</td> <td>Uinta County</td> <td>10.0</td> </tr> </tbody> </table>	Region	State	County	OB-GYN Provider Rate	8	Wyoming	Weston Cour	0.0	8	Wyoming	Washakie Co	0.0	8	Wyoming	Uinta County	10.0	In Excel, Count - The number of counties where OB-GYN Provider Rate = 0.0 - Total number of counties	
Region	State	County	OB-GYN Provider Rate																
8	Wyoming	Weston Cour	0.0																
8	Wyoming	Washakie Co	0.0																
8	Wyoming	Uinta County	10.0																

Data Source: U.S. Census Bureau's American Community Survey (ACS, 2021 5-yr estimates)

Indicator 1:	Women of childbearing age (19 through 54) with No Health Insurance		
Indicator 2:	Women of childbearing age (19 through 54)		
Indicator 3:	Total Population		
Shortcut Link:	https://data.census.gov/table?q=insurance&g=010XX00US,\$0400000&tid=ACSDT5Y2021.B27001		
STEP 1	 <p>The screenshot shows the data.census.gov homepage with a search bar at the top. Below it, a list of tables is displayed under the heading '1 Filter'. One table is selected: 'B27001: HEALTH INSURANCE COVERAGE STATUS BY SEX BY AGE'. The table has three columns: 'Label', 'Estimate', and 'Margin of Error'. The data is broken down by sex (Total, Male, Female) and age groups (Under 6 years, 6 to 19 years, 20 to 24 years, 25 to 34 years, 35 to 44 years, 45 to 54 years, 55 to 64 years, 65 years and older). For each age group, there are two rows: 'With health insurance coverage' and 'No health insurance coverage'.</p> <p>Go to data.census.gov Table B27001 HEALTH INSURANCE COVERAGE STATUS BY SEX BY AGE Via the Shortcut Link (above)</p>		
STEP 2	 <p>The screenshot shows the same table page as above, but with a red circle highlighting the 'Margin of Error' button in the toolbar. The toolbar also includes buttons for Dataset, Year, Hide, Transpose, Excel, CSV, ZIP, Share, Print, and Map.</p> <p>Download the data as Excel or CSV</p>		

STEP 3

Alabama		
Total population		
Label	Estimate	Margin of Error
Female:	2,546,805	±1,378
Under 6 years:	172,675	±1,746
With health insurance coverage	168,630	±1,816
No health insurance coverage	4,045	±551
6 to 18 years:	410,762	±2,244
With health insurance coverage	396,027	±2,341
No health insurance coverage	14,735	±1,305
19 to 25 years:	226,522	±1,934
With health insurance coverage	188,845	±2,223
No health insurance coverage	37,677	±1,812
26 to 34 years:	292,361	±1,788
With health insurance coverage	244,557	±2,419
No health insurance coverage	47,804	±1,840
35 to 44 years:	313,465	±898
With health insurance coverage	270,072	±1,766
No health insurance coverage	43,393	±1,711
45 to 54 years:	322,469	±780
With health insurance coverage	282,219	±1,990
No health insurance coverage	40,250	±1,886
55 to 64 years:	347,408	±635
With health insurance coverage	317,231	±1,618
No health insurance coverage	30,177	±1,464
65 to 74 years:	271,362	±547
With health insurance coverage	270,217	±563
No health insurance coverage	1,145	±265
75 years and over:	189,781	±578
With health insurance coverage	189,207	±607
No health insurance coverage	574	±241

Indicator 1: Open downloaded spreadsheet and select Data from your state. Summate (i.e. add together) the numbers for **Females 19 through 54 with no health insurance coverage**

Female:

19 to 25 years > No health insurance coverage

26 to 34 years > No health insurance coverage

35 to 44 years > No health insurance coverage

45 to 54 years > No health insurance coverage

STEP 4

Alabama		
Label	Estimate	Margin of Error
Female:	2,546,805	±1,378
Under 6 years:	172,675	±1,746
With health insurance coverage	168,630	±1,816
No health insurance coverage	4,045	±551
6 to 18 years:	410,762	±2,244
With health insurance coverage	396,027	±2,341
No health insurance coverage	14,735	±1,305
19 to 25 years:	226,522	±1,934
With health insurance coverage	188,845	±2,223
No health insurance coverage	37,677	±1,812
26 to 34 years:	292,361	±1,788
With health insurance coverage	244,557	±2,419
No health insurance coverage	47,804	±1,840
35 to 44 years:	313,465	±898
With health insurance coverage	270,072	±1,766
No health insurance coverage	43,393	±1,711
45 to 54 years:	322,469	±780
With health insurance coverage	282,219	±1,990
No health insurance coverage	40,250	±1,886
55 to 64 years:	347,408	±635
With health insurance coverage	317,231	±1,618
No health insurance coverage	30,177	±1,464
65 to 74 years:	271,362	±547
With health insurance coverage	270,217	±563
No health insurance coverage	1,145	±265
75 years and over:	189,781	±578
With health insurance coverage	189,207	±607
No health insurance coverage	574	±241

In the same spreadsheet summate total number of **Females 19 through 54**

See **Orange Highlight**

Female:

19 to 25 years:

26 to 34 years

35 to 44 years

45 to 54 years

This is **Indicator 2: Women of Childbearing age (19 thru 54)**

STEP 5

Alabama		
Label	Estimate	Margin of Error
Total:	4,920,010	±1,113
Male:	2,373,205	±1,580

In the same spreadsheet, find the total population for the state (males + females, all ages). This is **Indicator 3: Total Population**

Pregnancy-Related Mortality Ratio (PRMR)

Pregnancy-Related Mortality Ratio includes all death within a year of a pregnancy and may include deaths beyond 42 days, which is the time threshold for “Maternal Mortality Ratio”

About this Indicator

- Data Sources Needed
 - Source: CDC WONDER Multiple Causes of Death
 - Source: CDC WONDER Birth
- Indicators Needed for calculation
 - Number of Pregnancy-Related Deaths during a defined time period
 - Number of Live Births during same time period
- Challenge / Limitation : Each data source has different year ranges
 - CDC WONDER Multiple Causes of Death is 2018 to 2023
 - CDC WONDER Birth is 2016 to 2021
- Calculation: Deaths / Live Births x 100,000

Calculating PRMR (Pregnancy-Related Mortality Ratio)

1. After finding the Total Number of [Pregnancy-Related Deaths](#)
2. Find [Total Number of Births](#)
3. Calculate **Pregnancy-Related Mortality Ratio (PRMR)**

Number of deaths divided by number of live births, multiplied by 100,000

Datathon Team #	geo-name	geo-fips	geo-abbrev	total-pop	births-2018-2021	births-ave-2018-	preg-deaths-2	prmr-2018-2021	Pregnancy-Related Mortality Ratio (PRMR) (2018-2021)	Race Ethnic % NHE
team	United States	.	.							
	Alabama	01	AL		232,077	58019	150	=H6/F6)*100000		

Data Source: CDC WONDER Multiple Causes of Death

STEP 1

The screenshot shows the main navigation menu of the CDC WONDER website. A red arrow points from the left margin to the 'Multiple Cause of Death (Provisional)' link under the 'Deaths' section of the 'WONDER Info' sidebar.

Go to
<https://wonder.cdc.gov/>

And select Multiple Cause of Death (Provisional)

STEP 2

The screenshot shows the 'All Ages Deaths by Multiple Cause of Death' page. A red circle highlights the 'Data Request' button in the 'Provisional Multiple Cause of Death Data' section.

On the next screen, Select:
Provisional Multiple Causes of Death Data
2018 - Last Month
Data Request

STEP 3

The screenshot shows the 'About Provisional Mortality Statistics, 2018 through Last Month' page. A red circle highlights the 'I Agree' checkbox at the bottom of the page.

Agree to terms > "I Agree"

Note: You are agreeing to
**not report CELLS OF
UNDER 10**

STEP 4

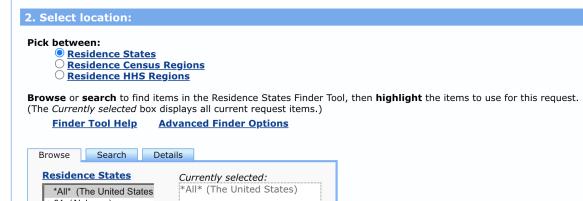
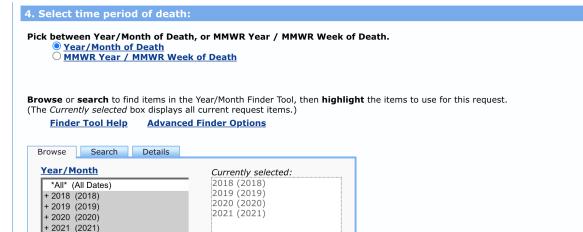
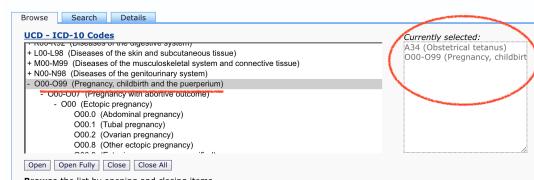
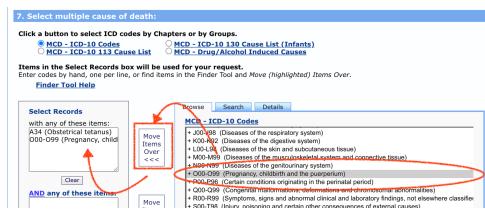
The screenshot shows the '8. Other options:' section. A red circle highlights the 'Send' button at the bottom right of the form.

Conduct Query After Query is complete, click "Send"

STEP 5

The screenshot shows the results page. A red circle highlights the 'Request Form' tab at the top left of the interface.

View Results in Tab

Indicator:	Pregnancy-Related Deaths 2018-2021		
Shortcut Link:	https://wonder.cdc.gov/controller/saved/D176/D350F640		
Section:	Picture:	Settings:	Notes:
1. Organize table layout	 <p>Make all desired selections and then click any Send button one time to complete your request.</p> <p>Group Results By: Residence State And By: None</p>	Group Results By: Residence State And By: None	
2. Select location	 <p>2. Select location:</p> <p>Pick between: <input checked="" type="radio"/> Residence States <input type="radio"/> Residence Census Regions <input type="radio"/> Residence HHS Regions</p> <p>Browse or search to find items in the Residence States Finder Tool, then highlight the items to use for this request. (The Currently selected box displays all current request items.)</p> <p>Finder Tool Help Advanced Finder Options</p> <p>Residence States Currently selected: <input checked="" type="checkbox"/> "All" (The United States) + <input type="checkbox"/> "Alabama"</p>	Residence State Select your state	
4. Select Time Period for Death	 <p>4. Select time period of death:</p> <p>Pick between Year / Month of Death, or MMWR Year / MMWR Week of Death. <input checked="" type="radio"/> Year / Month of Death <input type="radio"/> MMWR Year / MMWR Week of Death</p> <p>Browse or search to find items in the Year/Month Finder Tool, then highlight the items to use for this request. (The Currently selected box displays all current request items.)</p> <p>Finder Tool Help Advanced Finder Options</p> <p>Year / Month Currently selected: <input checked="" type="checkbox"/> "All" (All Dates) + <input type="checkbox"/> 2018 (2018) <input type="checkbox"/> 2019 (2019) <input type="checkbox"/> 2020 (2020) <input type="checkbox"/> 2021 (2021)</p>	Year: “2018” “2019” “2020” “2021”	
6. Underlying Cause of Death	 <p>6. Select underlying cause of death:</p> <p>Click a button to select ICD codes by Chapters or by Groups.</p> <p><input checked="" type="radio"/> UCD - ICD-10 Codes <input type="radio"/> UCD - ICD-10 130 Cause List (Infants) <input type="radio"/> UCD - Drug / Alcohol Induced Causes <input type="radio"/> UCD - ICD-10 133 Cause List <input type="radio"/> UCD - Injury Intent and Mechanism</p> <p>Browse or search to find items in the UCD - ICD-10 Codes Finder Tool, then highlight the items to use for this request. (The Currently selected box displays all current request items.)</p> <p>Finder Tool Help Advanced Finder Options</p> <p>ICD - ICD-10 Codes Currently selected: <input checked="" type="checkbox"/> A34 (Obstetrical tetanus) <input type="checkbox"/> O00-O99 (Pregnancy, childbirth and the puerperium)</p>	UCD - ICD-10 Codes: A34 (Obstetrical Tetanus) O00 - O99 (Pregnancy, childbirth, and the puerperium) <i>May need to “Open” and Select multiple using Control + Click</i>	
7. Select Multiple Causes of Death	 <p>7. Select multiple cause of death:</p> <p>Click a button to select ICD codes by Chapters or by Groups.</p> <p><input checked="" type="radio"/> MCD - ICD-10 Codes <input type="radio"/> MCD - ICD-10 130 Cause List (Infants) <input type="radio"/> MCD - Drug / Alcohol Induced Causes <input type="radio"/> MCD - ICD-10 133 Cause List <input type="radio"/> MCD - Injury Intent and Mechanism</p> <p>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.</p> <p>Finder Tool Help</p> <p>Select Records AND any of these items: <input checked="" type="checkbox"/> A34 (Obstetrical tetanus) <input type="checkbox"/> O00-O99 (Pregnancy, child... <input type="checkbox"/> Move <input type="checkbox"/> Class <input type="checkbox"/> << <<</p> <p>ICD - ICD-10 Codes Currently selected: <input checked="" type="checkbox"/> J00-J98 (Diseases of the respiratory system) <input type="checkbox"/> K00-K99 (Diseases of the digestive system, liver and biliary tract) <input type="checkbox"/> M00-M99 (Diseases of the musculoskeletal system and connective tissue) <input type="checkbox"/> X00-X99 (Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified) <input type="checkbox"/> Y00-Y99 (Geographical, environmental and other abnormalities) <input type="checkbox"/> Z00-Z99 (Social and domestic situations, behavioral and emotional disorders and abnormalities)</p>	A34 (Obstetrical Tetanus) O00 - O99 (Pregnancy, childbirth, and the puerperium)	

8. Other Options

8. Other options:

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

Show Totals
 Show Suppressed Values
Push **Send**

View Results

CDC Centers for Disease Control and Prevention	A-Z Index																																
Search <input type="text"/> <input type="button" value="X"/> <input type="button" value="Search"/>																																	
Provisional Mortality Statistics, 2018 through Last Month Results																																	
Total Pregnancy-Related Deaths by State (2018-2022)																																	
Deaths occurring through June 17, 2023 as of July 02, 2023																																	
<input type="button" value="Request Form"/> <input type="button" value="Archive"/> <input type="button" value="Print"/> <input type="button" value="Chart"/> <input type="button" value="About"/>																																	
<input type="button" value="Dataset Documentation"/> <input type="button" value="Other Data Areas"/> <input type="button" value="Help/FAQs"/> <input type="button" value="Contact Us"/> <input type="button" value="WONDER Search"/>																																	
<input type="button" value="Save"/> <input type="button" value="Export"/> <input type="button" value="Reset"/>																																	
<input type="button" value="Quick Options"/> <input type="button" value="More Options"/> <input type="button" value="API Options"/> <input type="button" value="Top"/> <input type="button" value="Notes"/> <input type="button" value="Caption"/> <input type="button" value="Query Criteria"/>																																	
Message: * Totals are not available for these results due to suppression constraints. More Information																																	
Data in this table is from time period Year/Month: 5 categories selected: ICD-10 Codes: A34 (Obstetric tetanus), P65-69 (Pregnancy, childbirth and puerperium), V20-V22 (ICD-10 codes related to external causes of injury, poisoning, and the environment)																																	
<input type="button" value="Resubmit State"/> <input type="button" value="Deaths"/> <input type="button" value="Report"/> <input type="button" value="Crude Rate Per 100,000"/>																																	
<table border="1"><thead><tr><th>Resubmit State</th><th>Deaths</th><th>Report</th><th>Crude Rate Per 100,000</th></tr></thead><tbody><tr><td>Alabama (01)</td><td>174</td><td>24,792,342</td><td>0.7</td></tr><tr><td>Alaska (02)</td><td>17</td><td>3,655,487</td><td>Unreliable</td></tr><tr><td>Arizona (03)</td><td>180</td><td>36,485,205</td><td>0.4</td></tr><tr><td>Arkansas (05)</td><td>95</td><td>15,913,913</td><td>0.6</td></tr><tr><td>California (06)</td><td>402</td><td>195,913,018</td><td>0.2</td></tr><tr><td>Colorado (08)</td><td>71</td><td>28,886,157</td><td>0.2</td></tr><tr><td>Connecticut (09)</td><td>50</td><td>17,406,322</td><td>0.1</td></tr></tbody></table>		Resubmit State	Deaths	Report	Crude Rate Per 100,000	Alabama (01)	174	24,792,342	0.7	Alaska (02)	17	3,655,487	Unreliable	Arizona (03)	180	36,485,205	0.4	Arkansas (05)	95	15,913,913	0.6	California (06)	402	195,913,018	0.2	Colorado (08)	71	28,886,157	0.2	Connecticut (09)	50	17,406,322	0.1
Resubmit State	Deaths	Report	Crude Rate Per 100,000																														
Alabama (01)	174	24,792,342	0.7																														
Alaska (02)	17	3,655,487	Unreliable																														
Arizona (03)	180	36,485,205	0.4																														
Arkansas (05)	95	15,913,913	0.6																														
California (06)	402	195,913,018	0.2																														
Colorado (08)	71	28,886,157	0.2																														
Connecticut (09)	50	17,406,322	0.1																														

Go to Results Tab
Gather “Deaths” for your State (Note: ignore Population and Crude Rate) and place on spreadsheet

+ Datathon State Indicato...