



# DataSpeak

## Minimum Core Data Set Webinar

December 10, 2015

# Today's Presenters

- **Mary Kay Kenney, PhD**, is a Health Statistician with the Maternal and Child Health Bureau in the Health Resources and Services Administration. Currently Dr. Kenney is involved in several different projects related to statistical analysis of national data from the National Survey of Children with Special Health Care Needs and the National Survey of Children's Health. In addition, she is project officer on federal grants and contracts that build data capacity and data analysis of child health information and preterm birth.
- **Dina Dickerson, MPH**, Senior Informaticist, has over four decades of experience in the health information science and technology realm where she works on standards-based data capture, sharing and use. Ms. Dickerson was a contributor to the Public Health Reporting Initiative Data Harmonization Profile and Implementation Guide in addition to the HRSA MCHB Core/Minimum Data Set Workgroup, and authored the Information Architecture chapter of the 2nd Edition of Public Health Informatics and Information Systems textbook.

# Previous Events

[Click here to access archives:](#)

## **2015 Series:**

- Vitally Important: Improving the Timeliness of Vital Statistics to Advance MCH
- Clusters, Maps, and Hotspots: Small Area Analysis in Maternal and Child Health

## **2014 Series:**

- Effects of the Built Environment on Maternal and Child Health

## **2013 Series:**

- Measuring the Return on Investment in Maternal and Child Health Programs
- Findings from the 2011-2012 National Survey of Children's Health

# Technical Instructions

Download today's PowerPoint presentations and additional resources by pressing the buttons below. Once you are finished you may click the "Continue" button to proceed with the presentation.



# Transforming the SSDI Grant Program: The Minimum/Core Dataset Explained

DataSpeak Webinar  
December 10, 2015

Mary Kay Kenney, PhD  
US Department of Health and Human Services  
Health Resources And Services Administration  
Maternal And Child Health Bureau



# Learning Objectives

- Participants will:
  - be able to define the purpose of the State Systems Development Initiative (SSDI) Minimum/Core Dataset Implementation Guide
  - describe the major components of the SSDI Minimum/Core Dataset Implementation Guide and the accompanying Workbook and Lookup Table
  - explain how to follow the instructions in the Implementation Guide to obtain the required data and record that data in the accompanying Workbook



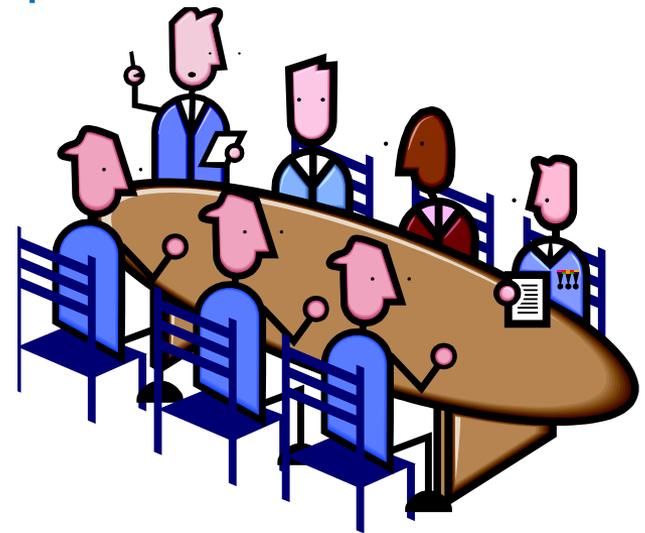
## SSDI and the Title V Block Grant

- Unique relationship with the Block Grant program
- Established as funding tool to expand data capacity and infrastructure in the 50 states, DC, and the territories
- Ensure that Title V programs would have access to policy and program relevant information and data

## SSDI Workgroup First Steps

### Identify:

- What's working well:
  - Provides basic infrastructure for MCH Epi
  - Funds needed staff, eg, program analyst or Epidemiologist
  - Helps support data linkages and emphasis on informatics
- Where the gaps are:
  - Unevenness in capacity
  - Lack of standardization





# Workgroup Charter

Identify and document a set of goals, objectives, and timelines for Workgroup products/activities that will address the data needs of the MCH community & advance the strategic goals of MCHB Title V program

# Workgroup Process

Developed workgroup wish list of objectives to address the gaps and prioritized the ones that were open to influence:

- 1) Develop a recommended standardized MCH dataset
- 2) Promote use/availability of real time data
- 3) Develop a strategy data sharing/linkage
- 4) Promote development/sharing of analytic tools





## “Minimum/Core” Standardized Dataset:

A consensus-based, common set of state MCH reporting measures, definitions, & data elements that can accommodate differing levels of state MCH data capacity

### **Importance:**

- 1) Provide data comparability across state & regions
- 2) Promote the sharing of data/analytic tools
- 3) Improve consistency of health data reporting
- 4) Support evidence-based policy development



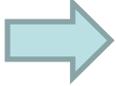
## Methodology

- 1) Perform environmental scan of MCH measures
- 2) Panel review of MCH measures
- 3) Formal evaluation (Scoring on MCH measures)
- 4) Analysis of final inclusions/exclusions
- 5) Write Implementation Guide
- 6) Pilot in a few states, revise as needed
- 7) Full implementation in States

## Workgroup concerns

- Burdening the states with reporting requirements
- Exacerbating the effective data capacity disparity by requiring low-resourced states to adopt indicators for which they do not have the resources to generate estimates

## Workgroup solutions

- States are not asked to report estimates to MCHB
- The method for generating estimates requires minimum resources
- The Dataset is two-tiered
  - Minimum Set  All states are capable of generating estimates
  - Core Set  Some states will have to grow into the capacity for estimation



## MINIMUM Dataset

- Only indicators previously collected for the old Title V Information System
- Standardized procedures for estimation of indicators by all States
- Easily-accessed and user-friendly national databases as data sources
- Easy-to-follow, step-wise directions



## CORE Dataset

- Some new indicators not previously collected in the old Title V Information System
- Standardized procedures for estimation of indicators by all States
- Some based on State data sources (e.g. hospital discharge data)
- Easy-to-follow directions, but may require interagency data exchange or running a data analysis using computer software
- May require more data capacity than currently attainable and will be considered aspirational



# National Performance and Outcome Measures in the Context of SSDI Indicators

## Overlapping SSDI Indicators with National Outcome Measures

Category	National Outcome Measure
Infant	Infant Mortality
	Low Birth Weight
	Very Low Birth Weight
	Preterm Birth
Child	Immunization
	Child Mortality
Adolescent	Mortality
	Motor Vehicle Mortality
	Suicide
Health Services	Health Insurance Access

## Overlapping SSDI Indicators with National Performance Measures

Category	National Performance Measure
Infant	Back Sleep Position
Maternal	C-Section
	Smoking During Pregnancy
CSHCN Services	Medical Home Access
	Transition to Adulthood
Child	Nonfatal Injury Hospitalization
Adolescent	Nonfatal Injury Hospitalization

- 15-19 Years
- CHAPTER 6: Perinatal Indicators**
- 6.0 Purpose
- 6.1 Record 2013 Tobacco Use During Pregnancy
- 6.2 Record 2011 Percent of Multivitamin/Folic Use Before Pregnancy
- 6.3 Estimate 2013 Pregnancy Weight Gain
- CHAPTER 7: Newborn Screening
- 7.0 Purpose
- 7.1 Record 2013 Newborns Screened for Hearing Loss Before One Month of Age
- 7.2 Record 2013 NBS Presumptive Positive Results for Time-Critical Conditions Communicated to Provider Within 5 days
- 7.3 Record 2013 NBS Presumptive Positive Results for All Other Conditions Communicated

SSDI – Minimum/Core Dataset Implementation Guide 2015

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**CHAPTER 6: Perinatal Indicators**

**6.0 Purpose**  
 To obtain the perinatal Indicator Values for recording on (Worksheet 6) Perinatal Indicators of the Lookup Table.

What you will do:	What you will need:	Approximate time required to complete task:
Record 2013 Tobacco Use During Pregnancy*	Online access to CDC Wonder Home Page	2 minutes
Record Percent of 2013 Multivitamin/Folic Use	Online access to PRAMStat Home Page	1 minute
Estimate 2013 Pregnancy Weight Gain	Access to 2013 Natality Public Use File	Variable depending on access to data source and/or methodological tools

\*This indicator has been harmonized with the National Performance Measure #144; States for whom this estimate has been prepopulated in the TVS System may use that estimate rather than duplicating the calculation using the instructions in this section.

**6.1 Record 2013 Tobacco Use During Pregnancy**

**6.1.1 Action:**  
 Access CDC WONDER, which is an online query system for public health data. Go to <http://wonder.cdc.gov/> to access the CDC Wonder Home Page. Select **Births** (indicated by blue arrow below).

**6.1.2 Action:**  
 Click on [Natality for 2007-2013](#). Click I Agree to data use restrictions.

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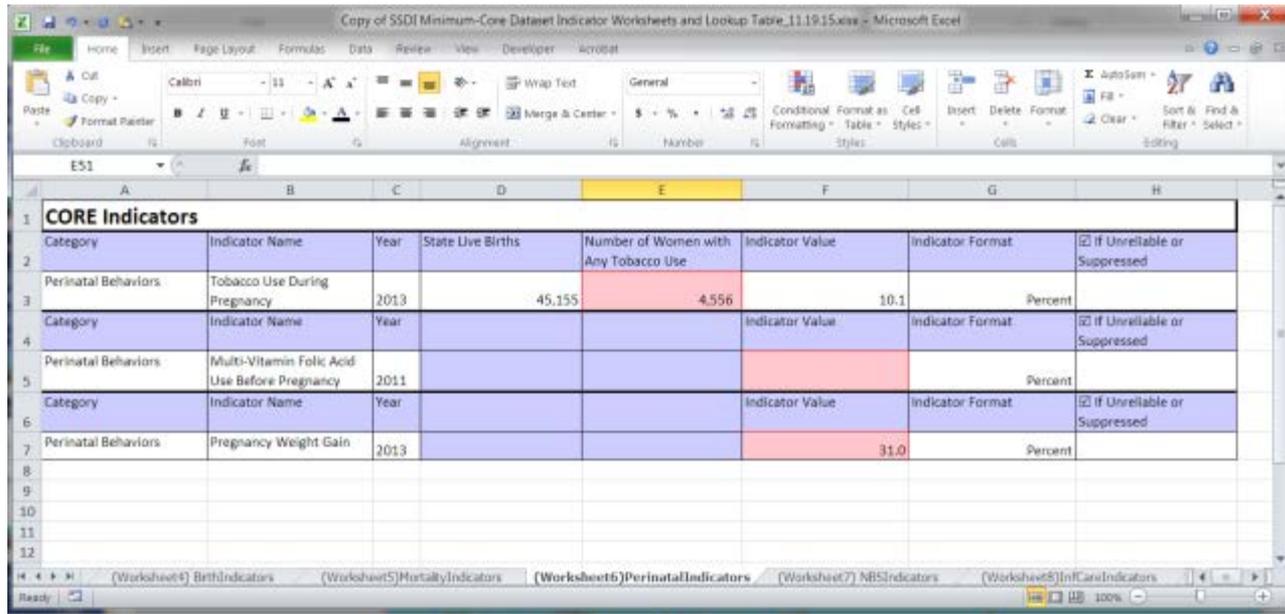
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# Component 1

1. A pdf document with procedures for obtaining the MINIMUM/CORE Dataset estimates contained in chapters addressing classes of indicators

## Component 2

2. Excel Workbook and Lookup Table for recording and storing indicator values (in a single Excel file)



Copy of SSDI Minimum-Core Dataset Indicator Worksheets and Lookup Table\_11.19.15.xlsx - Microsoft Excel

Category	Indicator Name	Year	State Live Births	Number of Women with Any Tobacco Use	Indicator Value	Indicator Format	<input type="checkbox"/> If Unreliable or Suppressed
Perinatal Behaviors	Tobacco Use During Pregnancy	2013	45,155	4,556	10.1	Percent	
Perinatal Behaviors	Multi-Vitamin/Folic Acid Use Before Pregnancy	2011				Percent	
Perinatal Behaviors	Pregnancy Weight Gain	2013			31.0	Percent	



## Short-term Expected Outcomes

- States will have a corpus of standardized data elements/indicators which are important for the work of any MCH department
- Data analysis programs can be shared across states and regions
- Allows states to learn from each other
- Simplifies responding to data requests from different governmental sources within the state



## Long-term Expected Outcomes

- Future focus will be less on calculation of data/statistics and more on analyses to better understand underlying causes and conditions
- Greater collaboration across states vis-à-vis data analysis and what works programmatically
- The corpus can be dynamic, i.e., new indicators can be incorporated using the same methodology, e.g., add life course indicators
- Greater focus on developing infrastructure, quality improvement, and program effectiveness



# Possible Future Directions

- Complete the remaining objectives: timeliness, data linkage, and data analytics and make these resources easily accessible for states
- Compile a Minimum/Core Dataset Implementation Guide for the territories
- Possible: Form regionally-based data workgroups to utilize the SSDI data tools to improve state level analytics capacity
- Possible: Use Adobe Connect to stage data state level technical assistance workshops in data linkage and data analytics



## Summary

- SSDI funding is vital to States and underpins efforts to address issues of state-level data capacity
- Data capacity across States is highly variable and reporting is in need of some level of standardization
- The Minimum/Core dataset will add further support to state-level efforts to improve quality of data collection, analysis, and dissemination



# Acknowledgements: Original SSDI Workgroup

## MCH State Workers

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Derek Chapman, VA  
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Shawn Messick, OR  
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Todd Koch, MT

## CDC

Wanda Barfield  
Danielle Barradas  
Deborah Dee  
Imani Smith  
Violanda Grigorescu

## MCH Academics

Sara Paton  
David Laflamme  
Deb Rosenberg  
Laurin Kasehagen  
Bill Sappenfield

## MCH Service Orgs

Caroline Stampfel, AMCHP  
Denise Love, NAHDO  
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(Formerly) State Systems Development Initiative  
Oregon Health Authority  
Division of Public Health  
Maternal and Child Health Section

## **Devaiah Muccatira, MS**

Research Analyst III/State System Development Initiative Coordinator &  
Program Manager  
North Dakota State Department of Health



## Contact Information

Mary Kay Kenney, Ph.D.  
Health Statistician  
HRSA/MCHB/OER/DE  
5600 Fishers Lane, Room 10-77  
Rockville, MD 20857  
[mkenney@hrsa.gov](mailto:mkenney@hrsa.gov)



# Minimum/Core Dataset Implementation DataSpeak Webinar

*Presentation by*

**Dina Dickerson, MPH**

December 10, 2015

Alumnus, State Systems Development Initiative

Oregon Health Authority

Division of Public Health, Maternal and Child Health Section



## Dina's Participation in SSDI M/CDS and IG

- 44 years informatics practice and scholarship: **8 years with MCH & SSDI**
- Saw what was needed: **minimum dataset for use by all MCH programs**
- Helped develop IG: **stepwise instructions, images & links**
- Piloted M/CDS: **Oregon test of stepwise instructions, images & links**
- Provided feedback: **revisions to IG**
- Provided perspective from the frontline of state data needs:
  - **Standardized minimum dataset would simplify MCH indicator reporting**
  - **M/CDS is the 1<sup>st</sup> step toward standardized reporting across MCH programs**
  - **M/CDS IG makes set up straightforward & can be done in a few hours**
  - **M/CDS draws on prior MCH work & links to readily available tools & datasets**

# M/CDS Implementation Guide



M/CDS Implementation Guide including templates and steps to obtain indicator data

## CHAPTER 1: Introduction

### 1.0 Purpose of the Document

The MINIMUM/CORE Dataset Implementation Guide 2015 describes the standardized definitions of the Maternal and Child Health (MCH) indicators in the State Systems Development Initiative (SSDI) MINIMUM/CORE Dataset. In particular, this guide documents the data sources for the indicators as well as a set of procedures for obtaining indicator estimates from the requisite data sources. This guide is designed to assist recipients of Health Resources and Services Administration /Maternal and Child Health Bureau (HRSA/MCHB) SSDI Program funds in fulfilling the requirements for the MINIMUM/CORE Dataset as outlined in the SSDI guidance HRSA-15-002.

IG is accessible to any state regardless of technical resources, and requires only MS Word and Excel technology.

IG is the initial step toward standardization and will be modified as we receive feedback and learn how best to support the State programs.



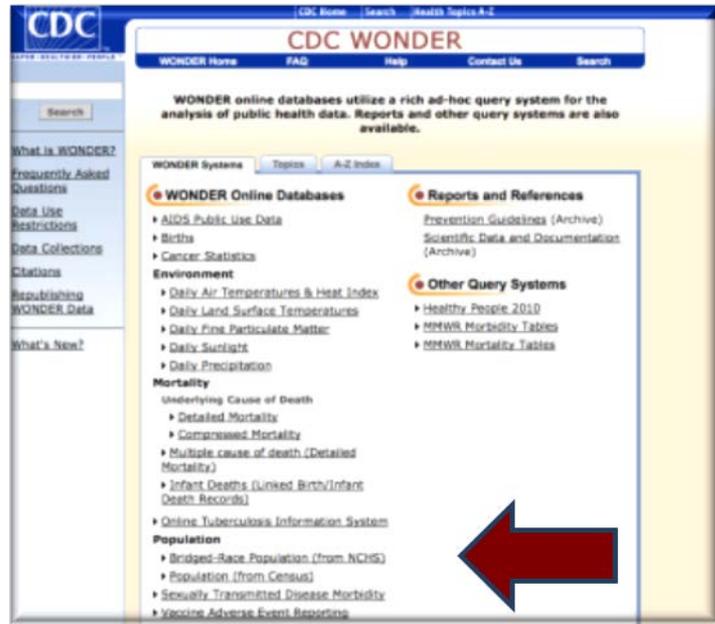
# Worksheet 1: *Introduction*

A	B	C
<b>Recording and Calculation Spreadsheet for MCH Indicators in Minimum/Core Dataset</b>		
This spreadsheet is to be used for the calculation of the SSDI Minimum/Core Dataset for FY2015.		
Please keep the following items in mind as you complete the spreadsheets:		
-The spreadsheet should be completed according to the methodology specified in the accompanying Minimum/Core Dataset Implementation Guide 2015.		
- Only red-shaded cells will accept data input. Only information recorded in red-shaded cells will update indicator values.		
- Please do not insert lines into the spreadsheet pages.		
- All red-shaded cells for the Minimum indicators should be populated.		
o Rates will not be calculated for indicators with fewer than 20 cases.		
- Rates based on population data will not be calculated until the population data has been entered. The default rate of 0 will be replaced when data is input.		
- The spreadsheet file should be renamed inserting the appropriate state postal abbreviation into the file name in place of the 'CC'.		
- Each sheet within a workbook sheet can be printed using the following sequence of EXCEL settings		
File		
Page Setup		
(within Page Setup) Orientation Landscape		
<< >>  (Worksheet1) Introduction (Worksheet2) 2013 Population (Worksheet3) 2013 LiveBirths (Worksheet4) BirthIndicators (Worksheet5) MortalityIndicators		

Each worksheet (WS) tab contains content and links to data sources for 1 of 13 indicator categories; last tab is summary lookup tables which are auto-calculated.

# How to get data for Worksheet 2: *Population (15 minutes)*

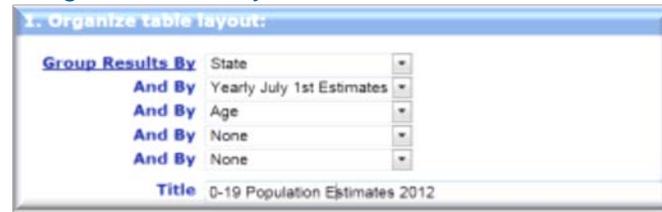
1. Go to the [CDC website](#) to access the CDC Wonder site
2. Select Bridged-Race Population (NCHS) from Population menu



3. Select 1990 – 2013 Data Request



4. Organize table layout as shown



5. Select your state from Location options (not shown)
6. Set Age, Race, Ethnicity, Yearly July 1st Estimates, and Gender as shown



7. Send request and obtain population values for 0-19 age group

State	Yearly July 1st Estimates	Age	Population
Oregon (41)	2012	= 1 year	45,148
Oregon (41)	2012	1 year	45,748
Oregon (41)	2012	2 years	46,031
Oregon (41)	2012	3 years	46,782
Oregon (41)	2012	4 years	48,406
Oregon (41)	2012	5 years	48,626
Oregon (41)	2012	6 years	47,915
Oregon (41)	2012	7 years	47,422
Oregon (41)	2012	8 years	47,731
Oregon (41)	2012	9 years	47,359
Oregon (41)	2012	10 years	47,022
Oregon (41)	2012	11 years	48,087
Oregon (41)	2012	12 years	49,102
Oregon (41)	2012	13 years	48,605
Oregon (41)	2012	14 years	48,420
Oregon (41)	2012	15 years	48,915
Oregon (41)	2012	16 years	48,848
Oregon (41)	2012	17 years	49,747
Oregon (41)	2012	18 years	49,853
Oregon (41)	2012	19 years	49,894
Oregon (41)	2012	Total	959,667
Oregon (41)	Total	Total	959,667
Oregon (41)	Total	Total	959,667



# Enter your state values into Worksheet 2: 2013 Population

8. Enter values for Both Sexes 0-19 into worksheet as shown
9. Return to Request Form tab and Step 6 and select Females from Gender menu to obtain values for Females 0-19 column
10. Return to Request Form tab and Step 4 to input settings for Females 20-24 and record output results in Females 20-24 column
11. Worksheet Summary Totals calculate automatically

Both Sexes 0-19		Females 0-19		Females 20-24		2013 Summary Totals			
Age	2013 State population	Age	2013 State population	Age	2013 State population	Both Sexes		Females	
<1yr	45,258	<1yr	22,131	20yr	24,681	<b>Ages</b>	<b>Age Totals</b>	<b>Ages</b>	<b>Age Totals</b>
1yr	45,424	1yr	22,096	21yr	26,087	<1yr	45,258	15-17yr	71,701
2yr	45,999	2yr	22,610	22yr	27,551	0-4yr	230,022	15-19yr	119,957
3yr	46,274	3yr	22,522	23yr	27,838	0-5yr	278,380	20-24yr	132,631
4yr	47,067	4yr	22,853	24yr	26,474	0-9yr	470,078		
5yr	48,358	5yr	23,591			1-9yr	424,820		
6yr	48,655	6yr	23,819			0-14yr	710,576		
7yr	47,914	7yr	23,401			0-17yr	857,606		
8yr	47,514	8yr	23,256			0-19yr	956,547		
9yr	47,615	9yr	23,291			10-19yr	486,469		
10yr	47,385	10yr	23,248			15-19yr	245,971		
11yr	47,053	11yr	22,928						
12yr	48,144	12yr	23,681						
13yr	49,213	13yr	24,000						
14yr	48,703	14yr	23,761						
15yr	48,607	15yr	23,758						
16yr	49,113	16yr	23,965						
17yr	49,310	17yr	23,978						
18yr	49,626	18yr	24,127						
19yr	49,315	19yr	24,129						
<b>TOTAL</b>	<b>956,547</b>	<b>TOTAL</b>	<b>467,145</b>	<b>TOTAL</b>	<b>132,631</b>				

**Note: Population values provide denominators used in subsequent worksheets**



# How to get data for Worksheet 3: *Live Births* (7 minutes)

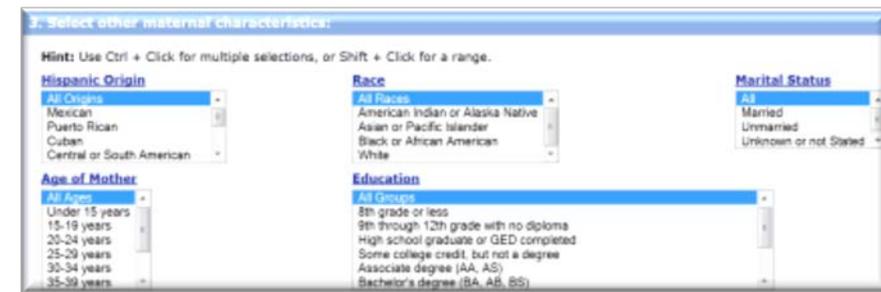
1. Go to the [CDC website](#) to access the CDC Wonder site
2. Select Births from WONDER Online Databases (not shown)
3. Select Natality for 2007-2013 and Agree to Data Use Terms



4. Organize table layout as shown



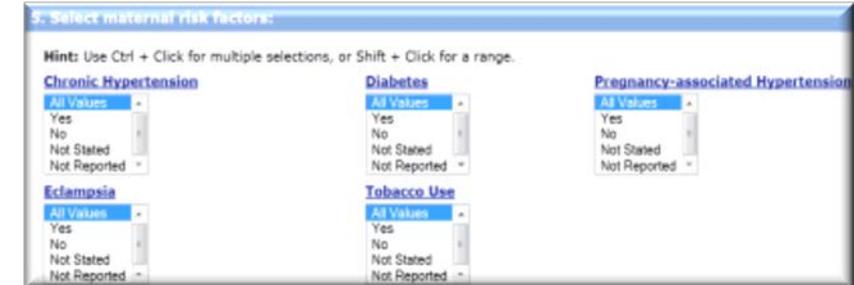
5. Select your state from Maternal Residence options (not shown)
6. Set All from other maternal characteristics



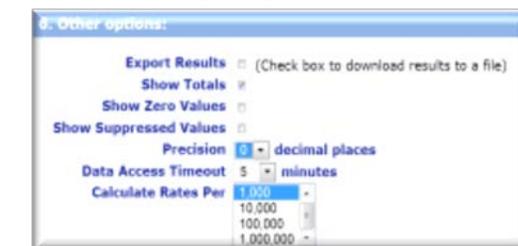
7. Set birth characteristics to All except for Year 2013



8. Set maternal risk factors to All



9. Designate other options as shown and click Send
10. Record Total Live Births on Worksheet 3



# Live Births by Birth Weight, Teens 15-19, Black/White

1. Return to Request Form tab
2. Leave settings for All Live Births as they are except **Birth Weight** & change as shown below & re-run for each birth weight
3. Record results for each birth weight on the Live Births worksheet

All Weights
499 grams or less
500 - 999 grams
1000 - 1499 grams
1500 - 1999 grams
2000 - 2499 grams
2500 - 2999 grams
3000 - 3499 grams

Setting for < 1500 grams

All Weights
499 grams or less
500 - 999 grams
1000 - 1499 grams
1500 - 1999 grams
2000 - 2499 grams
2500 - 2999 grams
3000 - 3499 grams

Setting for < 2500 grams

2000 - 2499 grams
2500 - 2999 grams
3000 - 3499 grams
3500 - 3999 grams
4000 - 4499 grams
4500 - 4999 grams
5000 - 8165 grams
Not stated

Setting for > 2500 grams

Birth Weights	
Weight	Number of Live Births 2013
Total Live Births	45,155
<1500 grams	442
<2500 grams	2,841
>2500 grams	42,303
Unstated	11
Live births with valid birth weights	45,144

Live Births Worksheet

1. Return to Request Form tab
2. Add **by Age of Mother** to third row in Organize Table Layout
3. Select **15-19 years** for Age of Mother from maternal characteristics
4. Leave other settings as they are for Live Births & re-run
5. Record results on the Births to Teens worksheet

Age of Mother
All Ages
Under 15 years
15-19 years
20-24 years
25-29 years
30-34 years
35-39 years

Births to Teens	
Age	Number of Live Births 2013
15-19yr	2,594

Hispanic Origin
Central or South American Other and Unknown Hispanic
Non-Hispanic White
Non-Hispanic Black
Non-Hispanic other races

1. Return to Request Form tab
2. Change to **Hispanic Origin** to third row in Organize Table Layout
3. Select **Non-Hispanic White** and **Non-Hispanic Black** for Hispanic Origin from maternal characteristics
4. Leave other settings as they are for Live Births & re-run
5. Record results on the Non-Hispanic Births worksheet

Non-Hispanic Black Births		Non-Hispanic White Births	
	Number of Live Births 2013		Number of Live Births 2013
All Births	1,188	All Births	31,998



## Enter your state values into Worksheet 3: *Live Births*

Birth Weights		Births to Teens		Non-Hispanic Black Births		Non-Hispanic White Births	
Weight	Number of Live Births 2013	Age	Number of Live Births 2013		Number of Live Births 2013		Number of Live Births 2013
Total Live Births	45,155	15-19yr	2,594	All Births	1,188	All Births	31,998
<1500 grams	442						
<2500 grams	2,841						
>2500 grams	42,303						
Unstated	11						
Live births with valid birth weights	45,144						



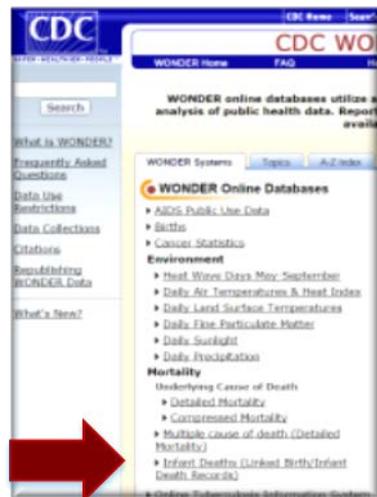
## Worksheet 4: *Birth Indicators* (auto-populated so 0 minutes)

MINIMUM Indicators							
Category	Indicator Name	Year	State Live Births with Valid Birth Weights	Number of Low Birth Weights	Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Suppressed
Low Birth Weight	Total Low Birth Weight	2013	45,144	2,841	6.29	percent	
	Very Low Birth Weight	2013	45,144	442	0.98	percent	
Category	Indicator Name	Year	State Population Females 15-19	Number of Births 15-19	Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Suppressed
Teen Birth	Teen Birth 15-19 Years	2013	119,957	2,594	21.62	per 1,000	
CORE Indicators							
Category	Indicator Name						
Preterm Birth	Total Preterm Birth						
	Very Preterm Birth						
Category	Indicator Name						
Cesarean Birth	Low Risk Cesarean Delivery						



# How to get data for Worksheet 5: *Mortality Indicators* (17 min)

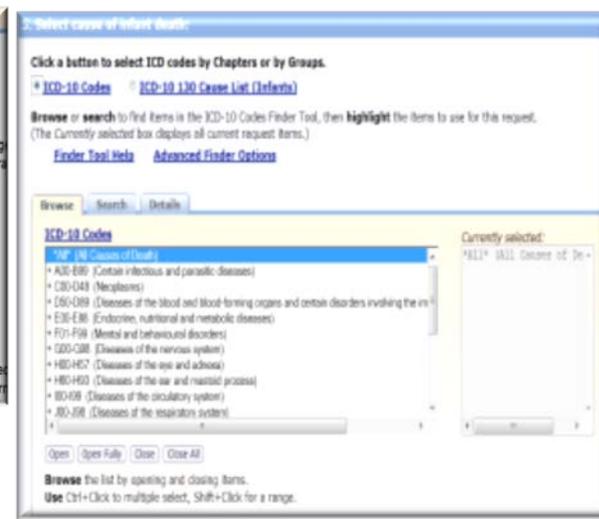
- Go to://[wonder.cdc.gov/](http://wonder.cdc.gov/) to access the CDC Wonder site
- Select ► Infant Deaths (Linked Birth/Infant Death Records) listed under Mortality.
- Select Linked Birth/Infant Death Records for 2007-2013 with ICD 10 codes.
- Agree to Data Use restrictions (not shown)
- Organize table layout by State and enter a table title (not shown)
- Select maternal residence state (not shown)
- Select All for other maternal characteristics (not shown)
- Set All for birth characteristics (not shown)
- Select cause of infant death and click ICD-10 Codes
- Select All ages and gender and 2013 year of death (not shown)
- Designate other options and click Send
- Obtain number of infant deaths from output results and record in worksheet



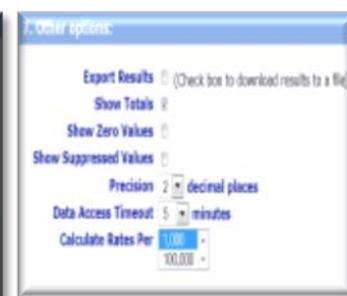
CDC Wonder Infant Deaths



Linked Birth/Infant Death Records for 2007-2013 with ICD 10 codes



Cause of Death and ICD 10 codes



Other Options

State ↓	Deaths ↑↓	Births ↑↓	Death Rate Per 1,000 ↑↓
Oregon (41)	223	45,155	4.94
<b>Total</b>	<b>223</b>	<b>45,155</b>	<b>4.94</b>

Output table

Mortality Worksheet

Category	Indicator Name	Year	Number of Live Births	Number of Deaths	Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Infant Mortality	All Race Infant Mortality <1yr	2013	45,155	223	4.94	Rate per 1,000	

# Black/White Infant Deaths

1. Click on Request Form tab to return to table options
2. Organize table layout by State and by Hispanic Origin and enter a table title (not shown)
3. Select maternal residence state (not shown)
4. Select Non-Hispanic White and Non-Hispanic Black for Hispanic Origin and All for other maternal characteristics
5. Set remainder of settings to All and click Send
6. Obtain number of Non-Hispanic White and Black infant deaths from output results and record in WS 5: Mortality Indicators Worksheet
7. Indicator values will calculate automatically

**3. Select other maternal characteristics:**

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

**Hispanic Origin**

- Other and Unknown Hispanic
- Non-Hispanic White**
- Non-Hispanic Black**
- Non-Hispanic other races
- Origin unknown or not stated

**Race**

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

**Marital Status**

- All**
- Married
- Unmarried
- Unknown or not Stated

**Age of Mother**

- All Ages**
- Under 15 years
- 15-19 years
- 20-24 years
- 25-29 years
- 30-34 years
- 35-39 years

**Education**

- All Groups**
- 8th grade or less
- 9th through 12th grade with no diploma
- High school graduate or GED completed
- Some college credit, but not a degree
- Associate degree (AA, AS)
- Bachelor's degree (BA, AB, BS)

Other maternal characteristics

Output table

State ↓	Hispanic Origin	Deaths ↑↓	Births ↑↓	Death Rate Per 1,000 ↑↓
Oregon (41)	Non-Hispanic White	155	31,998	4.84
	Non-Hispanic Black	10	1,188	Suppressed
	<b>Total</b>	<b>165</b>	<b>33,186</b>	<b>4.97</b>
<b>Total</b>		<b>165</b>	<b>33,186</b>	<b>4.97</b>

CDC Wonder will suppress values under certain conditions and the table provides the option to do 3 year estimates



# Enter values into Worksheet 5: *Mortality Indicators*

**MINIMUM Indicators**

Category	Indicator Name	Year	Number of Live Births	Number of Deaths	Indicator Value	Indicator Format	<input type="checkbox"/> If Unreliable or Suppressed
Infant Mortality	All Race Infant Mortality <1yr	2013	45,155	223	4.94	Rate per 1,000	
	Non-Hispanic Black Infant Deaths <1yr	2013	1,188		0.00	Rate per 1,000	<input checked="" type="checkbox"/>
	Non-Hispanic White Infant Deaths <1yr	2013	31,998	155	4.84	Rate per 1,000	
	Non-Hispanic Black/White Infant Death Ratio	2013			0.00	Ratio	<input checked="" type="checkbox"/>
	Non-Hispanic Black Infant Deaths <1yr (optional 3 year estimate)*	2011-2013	3,514	29	8.25	Rate per 1,000	
	Non-Hispanic White Infant Deaths <1yr (optional 3 year estimate)*	2011-2013	95,539	450	4.84	Rate per 1,000	
	Non-Hispanic Black/White Infant Deaths Ratio (optional 3 year estimate)*	2011-2013			1.70	Ratio	
Category	Indicator Name	Year	State Population of 1-9 year-olds	Number of Deaths	Indicator Value	Indicator Format	<input type="checkbox"/> If Unreliable or Suppressed
Child Mortality	Deaths 1-9 Years	2013	424,820	62	14.6	Rate per 100,000	
	Deaths 1-9 Years (optional 3 year estimate)*	2011-2013			0.0	Rate per 100,000	
Category	Indicator Name	Year	State Population	Number of Deaths	Indicator Value	Indicator Format	<input type="checkbox"/> If Unreliable or Suppressed
Adolescent Mortality	Deaths 10-19 Years	2013	486,469	135	27.8	Rate per 100,000	
	Deaths 10-19 Years (optional 3 year estimate)*	2011-2013			0.0	Rate per 100,000	
	Unintentional Injury Deaths 15-19 Years	2013	245,971	32	13.0	Rate per 100,000	
	Unintentional Injury Deaths 15-19 Years (optional 3 year estimate)	2011-2013			0.0	Rate per 100,000	
	Suicide Deaths 15-19 Years	2013	245,971	41	16.7	Rate per 100,000	
	Suicide Deaths 15-19 Years (optional 3 year estimate)	2011-2013			0.0	Rate per 100,000	
Category	Indicator Name	Year	State Population	Number of Deaths	Indicator Value	Indicator Format	<input type="checkbox"/> If Unreliable or Suppressed
Motor Vehicle Traffic Mortality	Motor Vehicle Traffic Deaths 0-14	2013	710,576		0.0	Rate per 100,000	<input checked="" type="checkbox"/>
	Motor Vehicle Traffic Deaths 0-14 (optional 3 year estimate)*	2011-2013	2,139,845	26	1.2	Rate per 100,000	
	Motor Vehicle Traffic Deaths 15-19	2013	245,971	20	8.1	Rate per 100,000	
	Motor Vehicle Traffic Deaths 15-19 (optional 3 year estimate)*	2011-2013			0.0	Rate per 100,000	

Red cells are the only cells into which data can be entered; others are either locked or pre-populated.

Yellow cells are used only when 3 year estimates are used because 1 year values are suppressed.



## Worksheet 6: *Perinatal Indicators (3 minutes for tobacco and multi-vitamin folic acid use, variable for pregnancy weight gain)*

### CORE Indicators

Category	Indicator Name	Year	State Live Births	Number of Women with Any Tobacco Use	Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Perinatal Behaviors	Tobacco Use During Pregnancy	2013	45,155	4,556	10.1	Percent	
	Tobacco Use During Pregnancy (optional 3 year estimate)*	2011-2013				Percent	
Category	Indicator Name	Year			Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Perinatal Behaviors	Multi-Vitamin Folic Acid Use Before Pregnancy	2011			33.0	Percent	
Category	Indicator Name	Year			Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Perinatal Behaviors	Pregnancy Weight Gain	2013			31.0	Percent	



# Worksheet 7: Newborn Screening Indicators (2 minutes for hearing loss, other indicators require data from NBS program)

## MINIMUM Indicators

Category	Indicator Name	Year	Total Occurrent Births (according to Vital Records)	Infants Died/Parents Refused	Number of Infants with Objective Physiological Screening before One Month of Age	Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Newborn Hearing	Hearing Screening	2013	45,452	120	42,852	94.5	Percent	

## CORE Indicators

Category	Indicator Name	Year	Number of Infants Screened	Number of Presumptive Positive Results for Time-Critical Conditions Communicated to Newborn's Healthcare Provider within Five (5) Days of Life	Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Newborn Bloodspot Screening (NBS)	Presumptive Positive NBS Results for Time-Critical Conditions	2013			0.0	Percent	

Category	Indicator Name	Year	Number of Infants Screened	Number of Presumptive Positive Results for All Other Conditions Communicated to Newborn's Healthcare Provider within Seven (7) Days of Life	Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Newborn Bloodspot Screening (NBS)	Presumptive Positive NBS Results for All Other Conditions	2013			0.0	Percent	

Category	Indicator Name	Year	Number of Infants Screened	Number of Results (both positive and negative results) Communicated to the Newborn's Healthcare Provider by Standard Reporting Means within Seven (7) Days of Life	Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Newborn Bloodspot Screening (NBS)	All NBS Results	2013			0.0	Percent	



## Worksheet 8: *Infant Care Indicators (2 minutes except back sleep position which requires PRAMS data analysis)*

### MINIMUM Indicators

Category	Indicator Name	Year			Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Infant Care	Any Breastfeeding at 6 Months	2012			64.0	Percent	

### CORE Indicators

Category	Indicator Name	Year			Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Infant Care	Exclusive Breastfeeding at 3 months	2012			55.0	Percent	
Infant Care	Infant Back Sleep Position	2011			78.9	Percent	



## Worksheet 9: Nonfatal Injury Indicator (time varies because access to hospital discharge data varies)

### CORE Indicators

Category	Indicator Name	Year	State Population	Number of Injuries	Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Child and Adolescent Injury	Nonfatal Injury Hospitalization 0-9 Years	2013	470,078	599	127.4	Rate per 100,000	
	Nonfatal Injury Hospitalization 10-19 Years	2013	486,469	1,083	222.6	Rate per 100,000	
	Motor Vehicle Traffic Nonfatal Injury Hospitalization 0-14 Years	2013	710,576	70	9.9	Rate per 100,000	
	Motor Vehicle Traffic Nonfatal Injury Hospitalization 0-14 Years (optional 3 year estimate)*	2011-2013				Rate per 100,000	
	Motor Vehicle Traffic Nonfatal Injury Hospitalization 15-19 Years	2013	245,971	132	53.7	Rate per 100,000	



## Worksheet 10: *Risk Behavior Indicator* (3 minutes)

### MINIMUM Indicators

Category	Indicator Name	Year	State Population	Number of Reported Cases	Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Risk Behavior	Female Chlamydia 15-19 Years	2013	119,957	3,099	25.8	Rate per 1,000	
	Female Chlamydia 20-24 Years	2013	132,631	3,990	30.1	Rate per 1,000	



# Worksheet 11: CSHCN Indicator (4 minutes)

## MINIMUM Indicators

Category	Indicator Name	Year			Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
CSHCN Services	CSHCN with a Medical Home Access	2009-10			41.1	Percent	
	CSHCN with a Adequate Insurance	2009-10			55.8	Percent	
	CSHCN with Community-Based Services	2009-10			63.4	Percent	
	YSHCN with Transition Services to Adult Health Care	2009-10			35.6	Percent	

## CORE Indicators

Category	Indicator Name		State Population 0-5	Number of Asthma Hospital Discharges	Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
CSHCN Care	Asthma Hospitalization 0-5 Years	2013	278,380	208	7.5	Rate per 10,000	



# Worksheet 12: Services Indicator (10 minutes for insurance, immunizations, Medicaid income, medical home, and variable for 4 of indicators that involve Medicaid and WIC)

## MINIMUM Indicators

Category	Indicator Name	Year	State Population	Number of Uninsured	Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Health Services Financing	Access to Health Insurance 0-17 Years	2013	857,606	50,172	5.9	Percent	
Health Services Utilization	Immunization 19-35 Months	2013			66.6	Percent	
Health Services Financing	Medicaid Income Eligibility Standard <1 Year	2014			185	Percent	
	Medicaid Income Eligibility Standard 1-5 Years	2014			133	Percent	
	Medicaid Income Eligibility Standard 6-18 Years	2014			133	Percent	
	Separate CHIP Eligibility Standard	2014			300	Percent	
	Pregnant Women Medicaid Eligibility Standard	2014			185	Percent	

## CORE Indicators

Category	Indicator Name	Year	State Population of Medicaid/CHIP Enrollees	Number of Children	Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Health Services Financing and Utilization	Child Immunization by 2 Years (Medicaid patients only)	2015			0	Percent	
	Immunization by 13 (Medicaid patients only)	2015			0	Percent	
	Emergency Department Visits 0-19 Years (Medicaid patients only)	2015			0	Percent	
Health Services Access	Access to Medical Home 0-17 Years	2011-12			57.3	Percent	
Health Services Utilization	WIC BMI Assessment 2-5 Years	2014	52,730	17,268	32.7	Percent	



# Worksheet 13: *Demographic Indicators (5 minutes)*

<b>MINIMUM Indicators</b>						
Category	Indicator Name	Year	Population for Whom Poverty Status Was Determined	Indicator Value	Indicator Format	<input checked="" type="checkbox"/> If Unreliable or Suppressed
Total State-Level Poverty	Total	2013			Count	
	Below 50% FPL	2013			Percent	
	Below 100% FPL	2013			Percent	
	Below 125% FPL	2013			Percent	
State-Level Child Poverty 0-17	Total	2013			Count	
	Below 50% FPL	2013			Percent	
	Below 100% FPL	2013			Percent	
	Below 125% FPL	2013			Percent	



## Worksheet 14: *Data Access Indicators (5 minutes)*

<b>MINIMUM Indicators</b>				
Category		Year	Access Yes/No	Consistently Yes/No
Electronic Data Access	Vital Records Birth and Vital Records Death	2015		
	Vital Records Birth and Medicaid	2015		
	Vital Records Birth and WIC	2015		
	Vital Records Birth and Newborn Bloodspot Screening	2015		
	Vital Records Birth and Newborn Hearing Screening	2015		
	Any database and hospital discharge data database	2015		
	Any database and birth defects surveillance database	2015		
	Any database and PRAMS data	2015		



# Minimum Dataset Lookup Tables (auto-populated)

Category	Indicator Name	Origin	Data Source	Variable Name	Variable Definition	State	Year	Result	Variable Format
<b>MINIMUM Dataset</b>									
Infant Mortality	Infant Mortality rate	TVIS OM1	National Vital Statistics System	InfantMortality	number of infant deaths to maternal residents/(number of live births to maternal residents/1,000)	Oregon	2013	4.9	Rate per 1,000
Infant Mortality	White Infant Mortality Rate	TVIS OM2	National Vital Statistics System	WhiteInfantMortality	number of white infant deaths to maternal residents/(number of white live births to maternal residents/1,000)	Oregon	2013	4.8	Rate per 1,000
	Black Infant Mortality Rate	TVIS OM2	National Vital Statistics System	BlackInfantMortality	number of black infant deaths to maternal residents/(number of black live births to maternal residents/1,000)	Oregon	2013	0.0	Rate per 1,000
	Black/White Infant Mortality Ratio	TVIS OM2	National Vital Statistics System	Black/WhiteInfantMortality	black infant mortality rate/white infant mortality rate	Oregon	2013	0.0	Ratio
Low Birth Weight	Total Low Birth Weight	TVIS HS1a	National Vital Statistics System	BirthWeight<2500G	number of live births <2500grams to maternal residents/(number of live births to maternal residents/100)	Oregon	2013	6.3	Percent
Low Birth Weight	Very Low Birth Weight	TVIS HS2a	National Vital Statistics System	BirthWeight<1500G	number of live births <1500grams to maternal residents/(number of live births to maternal residents/100)	Oregon	2013	0.98	Percent
Newborn Screening	Newborn Hearing Screening	TVIS PM12	Annual Early Hearing Detection Initiative (EHDI) Data	NBSHearing1Month	*****	Oregon	2013	94.5	Percent
Infant Care	Breastfeeding-At least some at 6 months	TVIS PM11	National Immunization Survey	Breastfeeding6mos	number of caregivers of children born in a cohort year who report their child was breastfed any amount at 6 months of age/(number of children 19-35 months of age born in the same cohort year/100)	Oregon	2011	64.0	Percent
Health Services Financing and Utilization	Child Immunization	TVIS PM7	National Immunization Survey	TotalChildImmunization	number of resident children aged 19-35 months with full schedule of ACIP recommended immunizations/(number of resident children aged 19-35 months/100)	Oregon	2013	66.6	Percent
CSHCN	CSHCN Services - Medical Home Access	TVIS PM3	National Survey of Children with Special Health Care Needs	CSHCNMedicalHome	number of CSHCN aged ≤17 years who receive coordinated, ongoing, comprehensive care within a medical home/(number of CSHCN aged ≤17 years/100)	Oregon	2009-2010	41.1	Percent
CSHCN	CSHCN Services - Adequate Insurance	TVIS PM4	National Survey of Children with Special Health Care Needs	CSHCNAdequateInsurance	number of CSHCN aged ≤17 years whose families have adequate public or private insurance to pay for needed services/(number of CSHCN aged ≤17 years/100)	Oregon	2009-2010	55.8	Percent
CSHCN	CSHCN Services - Community-Based Services	TVIS PM5	National Survey of Children with Special Health Care Needs	CSHCNCommunityServices	number of CSHCN aged ≤17 years whose families report the community-based service systems are organized for easy use/(number of CSHCN aged ≤17 years/100)	Oregon	2009-2010	63.4	Percent



# Core Lookup Tables (auto-populated)

Category	Indicator Name	Origin	Data Source	Variable Name	Variable Definition	State	Year	Result	Variable Format
<b>CORE Dataset</b>									
Preterm Birth	Total Preterm Birth	HP MCH3-1	National Vital Statistics System	TotalPretermBirth	number of live births <37 weeks gestation to maternal residents/(number of live births to maternal residents/100)	Oregon	2013	0.0	Percent
Preterm Birth	Very Preterm Birth	HP MCH3-4	National Vital Statistics System	PretermBirth<32Weeks	number of live births <32 weeks gestation to maternal residents/(number of live births to maternal residents/100)	Oregon	2013	0.0	Percent
Perinatal behaviors	Smoking During Pregnancy	HP MCH11-3	NVSS - Natality - 2009 Standard Birth Certificate only	SmokingDuringPreg	number of maternal residents with a live birth who reported any smoking during pregnancy/(number of live births to maternal residents/100)	Oregon	2013	10.1	Percent
Perinatal behaviors	Multi-Vitamin Folic Acid Use	HP MCH16-2	PRAMS	MultiVitFolicPrePreg	number of maternal residents with a live birth who reported taking daily multivitamins/folic acid in the month prior to pregnancy/(number of live births to maternal residents/100)	Oregon	2011	33.0	Percent
Perinatal behaviors	Pregnancy Weight Gain	HP MCH13	National Vital Statistics System	PregnancyWeightGain	number of maternal residents with a live birth who achieved the recommended weight gain during pregnancy/(number of live births to maternal residents/100)	Oregon	2013	31.0	Percent
Cesarean Birth	Cesarean Birth Among Low Risk Women	HP MCH7-1	National Vital Statistics System	CesareanNTVS	number of C-section deliveries among live births to NTVS maternal residents/(number of live births to NTVS maternal residents/100)	Oregon	2013	0.0	Percent
Newborn Screening	Time-Critical Conditions	TVIS PM1 (Modified)	State Newborn Bloodspot Screening Program	NBSBloodspotCritical5Day	number of presumptive positive results for time-critical conditions communicated to newborn's healthcare provider within five (5) days of life/(number of newborns screened/100)	Oregon	2013	0.0	Percent
Newborn Screening	Other Conditions	TVIS PM1 (Modified)	State Newborn Bloodspot Screening Program	NBSBloodspotOther7Day	number of presumptive positive bloodspot results for other conditions reported to the newborn's healthcare provider within seven (7) days of life/(number of newborns screened/100)	Oregon	2013	0.0	Percent
Newborn Screening	All Bloodspot Results	TVIS PM1 (Modified)	State Newborn Bloodspot Screening Program	NBSBloodspotAll7Day	number of positive and negative bloodspot results reported to the newborn's healthcare provider within seven (7) days of life/(number of newborns screened/100)	Oregon	2013	0.0	Percent

Some core values will show up as zero because states will not have access to the data so will not have entered base values into the worksheets.

Lookup tables are intended to be your go to reference w/o needing to search the source data tabs



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## Contact Information

Dina Dickerson, MPH

[dinapdx@gmail.com](mailto:dinapdx@gmail.com)

503.804.8430

# Question & Answer Period

# Question 1

1. Do all 50 these states have the SSDI grants?

# Question 2

2. How and when can we get a copy of the implementation guide or how can we access the implementation guide?

## Question 3

3. Can you clarify if this new tool is something that we need to print and submit to HRSA or is this something that is intended for local use?

# Question 4

4. When you say you are going to update yearly, do you mean the implementation guide and the worksheets that go along with it?

# Question 5

5. When is that session at the AMCHP conference on this topic will be held?

# Question 6

6. If we find an error in the guides or the worksheets, how do we report it?

# Question 7

7. How will we be able to see other state's data or communicate about trends with other states and within states?

# Question 8

8. Do you have any advice for developing kind of data sharing agreements with other states or jurisdictions along those lines, any models or best practices?

# Question 9

9. If these data are essentially for local use, but we have more current state data on one or more indicators, wouldn't I be able to use that more current data instead?

# Question 10

10. When you say data sharing agreement are you speaking about aggregated data or record level data that is shared between states?

# Question 11

11. Would it be possible to share a list of the contact information for all of the SSDI project directors in each state so that folks in the states know who to contact for collaboration?

# Question 12

12. How long did it take you overall to complete the worksheet?

# Question 13

13. Is there a timeline, an expected timeline for states to grow into the minimum set and into the core set?

# Question 14

14. Have there been any thoughts about this kind of data standardization outside of MCHB and HRSA, so just with other branches, other groups?

# Additional Questions

If you have any additional questions, you  
can email them to:

**[dataspeak@altarum.org](mailto:dataspeak@altarum.org)**

# Thank You

Thank you for participating.

**Complete feedback on**  
**today's program**

*(the link will open in a new window)*