DATA SHARING AGREEMENT
FOR
DATASET(S)
BETWEEN
STATE OF WASHINGTON
DEPARTMENT OF HEALTH
AND

# **SNOHOMISH COUNTY**

# CONTACT INFORMATION FOR ENTITIES RECEIVING AND PROVIDING INFORMATION

	INFORMATION RECIPIENT	INFORMATION PROVIDER	
Organization Name Snohomish County		Washington State Department of Health (DOH)	
Business Contact Name	Dennis Worsham	Les Becker	
Title	Snohomish County Health Department Director	Chief of Innovation and Technology	
Address	3020 Rucker Ave, Ste 306, Everett, WA 98201	101 Israel Rd SE Tumwater, WA 98501	
Telephone #	(425)-339-8687	(253) 281-3925	
Email Address	dennis.worsham@co.snohomish.wa.us	Les.Becker@doh.wa.gov	
IT Security Contact	Doug Cavit	John Weeks	
Title	County Information Security Officer	DOH Chief Information Security Officer	
Address	3000 Rockefeller Ave, Everett, WA 98201	PO Box 47890 Olympia, WA 98504-7890	
Telephone #	(425) 312-0660	(360) 688-3464	
Email Address	doug.cavit@co.snohomish.wa.us	security@doh.wa.gov	
Privacy Contact Name	Jannah Abdul-Qadir	Michael Paul	
Title	Public & Privacy Records Officer	DOH Chief Privacy Officer	
Address	3020 Rucker Ave, Ste 306, Everett, WA 98201	P. O. Box 47890 Olympia, WA 98504-7890	
Telephone #	(425) 339-8641	(564) 669-9692	
Email Address	jannah.abdul- qadir@co.snohomish.wa.us	Privacy.officer@doh.wa.gov	

### **DEFINITIONS**

<u>Authorized user</u> means a recipient's employees, agents, assigns, representatives, independent contractors, or other persons or entities authorized by the data recipient to access, use or disclose information through this agreement.

<u>Authorized user agreement</u> means the confidentiality agreement a recipient requires each of its Authorized Users to sign prior to gaining access to Public Health Information.

<u>Breach of confidentiality</u> means unauthorized access, use or disclosure of information received under this Agreement. Disclosure may be oral or written, in any form or medium.

<u>Breach of security</u> means an action (either intentional or unintentional) that bypasses security controls or violates security policies, practices, or procedures.

<u>Commercial purpose</u> means a business activity by any form of business enterprise intended to generate revenue or financial benefit, including non-profit business activity.

<u>Confidential information</u> means information that is protected from public disclosure by law. There are many state and federal laws that make different kinds of information confidential. In Washington State, the two most common are the Public Records Act RCW 42.56, and the Healthcare Information Act, RCW 70.02.

**<u>Data</u>** means a data file containing multiple records.

<u>Data storage</u> means electronic media with information recorded on it, such as CDs/DVDs, computers and similar devices.

<u>Data transmission</u> means the process of transferring information across a network from a sender (or source) to one or more destinations.

<u>De-identified</u> means health information that does not identify an individual and with respect to which there is no reasonable basis to believe that the information can be used to identify an individual.

<u>Direct identifier</u> means a single data element that identifies an individual person. Direct identifiers include information in accordance with Chapter 246-492 WAC.

<u>Direct patient identifier</u> means information that identifies a patient. Direct patient identifiers include information in accordance with WAC 246-455-085.

<u>Disclosure</u> means to permit access to or release, transfer, or any other form of communication of information by any means including oral, written, or electronic, to any party except the Department or the Information Recipient within this Agreement.

<u>Encryption</u> means the use of algorithms to encode data making it impossible to read without a specific piece of information, which is commonly referred to as a "key". Depending on the type

DSA #: 2028-11-02

CLH 31110

of information shared, encryption may be required during data transmissions, and/or data storage.

<u>Government agencies</u> include Washington state boards, commissions, committees, departments, educational institutions, or other Washington state agencies which are created by or pursuant to statute, other than courts and the legislature; Washington county or city agencies, U.S. federal agencies.

<u>Human subjects research; human subject</u> means a living individual about whom an investigator (whether professional or student) conducting research obtains (1) data through intervention or interaction with the individual, or (2) identifiable private information.

<u>Indirect identifiers</u> means a single data element that on its own does not identify an individual person, but when combined with other indirect identifiers can be used to identify an individual person. Indirect identifiers include information in accordance with Chapter 246-492 WAC.

<u>Indirect patient identifier</u> means information that may identify a patient when combined with other information. Identification of a specific patient is more likely when a file contains a group of ten or fewer similar hospitalizations. Indirect patient identifiers include information in accordance with WAC 246-455-085.

<u>Limited dataset</u> means a data file that includes potentially identifiable information. A limited dataset does not contain direct identifiers.

<u>Potentially identifiable information</u> means information that includes indirect identifiers which may permit linking an individual to that person's health care information. Examples of potentially identifiable information include:

- birth dates;
- admission, treatment or diagnosis dates;
- healthcare facility codes;
- other data elements that may identify an individual. These vary depending on factors such as the geographical location and the rarity of a person's health condition, age, or other characteristic.

<u>Public health purpose</u> means a purpose that seeks to support or evaluate public health activities which include, but are not limited to, health surveillance; identifying population health trends; health assessments; implementing educational programs; program evaluation; developing and implementing policies; determining needs for access to services and administering services; creating emergency response plans; promoting healthy lifestyles; and preventing, detecting, and responding to infectious diseases, injury, and chronic and inheritable conditions. Public health purpose does not include research as defined in this section.

DSA #: 2028-11-02

CLH 31110

**Research** means a systematic investigation, including research development, testing and evaluation, designed to develop or contribute to generalizable knowledge. Activities that meet this definition constitute research for purposes of this policy, whether or not they are conducted or supported under a program that is considered research for other purposes. The Department's human subjects' research that involves data through intervention or interaction with the individual, or identifiable private and/or confidential information should follow the Department's Human Research Review Policy 03.001.

<u>Restricted confidential information</u> means confidential information where especially strict handling requirements are dictated by statutes, rules, regulations or contractual agreements. Violations may result in enhanced legal sanctions.

<u>State holidays</u> means New Year's Day, Martin Luther King Jr. Day, President's Day, Memorial Day, Juneteenth National Independence Day, Labor Day, Independence Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving Day, and Christmas. Note: When January 1, June 19, July 4, November 11 or December 25 falls on Saturday, the preceding Friday is observed as the legal holiday. If these days fall on Sunday, the following Monday is the observed holiday.

<u>Writing</u> includes handwriting, typewriting, printing, photocopying, emailing, photographing, and every other means of recording any form of communication or representation, including, but not limited to, letters, words, pictures, sounds, or symbols, or combination thereof, and all papers, maps, magnetic or paper tapes, photographic films and prints, motion picture, film and video recordings, magnetic or punched cards, discs, drums, diskettes, sound recordings, and other documents including existing data compilations from which information may be obtained or translated.

### **GENERAL TERMS AND CONDITIONS**

### I. USE OF INFORMATION

The Information Recipient agrees to strictly limit use of information obtained or created under this Agreement to the purposes stated in Exhibit I (and all other Exhibits subsequently attached to this Agreement). For example, unless the Agreement specifies to the contrary the Information Recipient agrees not to:

- Link information received under this Agreement with any other information.
- Use information received under this Agreement to identify or contact individuals.

The Information Recipient shall construe this clause to provide the maximum protection of the information that the law allows.

# II. SAFEGUARDING INFORMATION

### A. CONFIDENTIALITY

Information Recipient agrees to:

- Follow DOH small numbers guidelines as well as dataset specific small numbers requirements. (Appendix D)
- Limit access and use of the information:
  - To the minimum amount of information .
  - To the fewest people.
  - For the least amount of time required to do the work.
- Ensure that all people with access to the information understand their responsibilities regarding it.
- Ensure that every person (e.g., employee or agent) with access to the information signs and dates the "Use and Disclosure of Confidential Information Form" (Appendix A) before accessing the information.
  - Retain a copy of the signed and dated form as long as required in Data Disposition Section.

The Information Recipient acknowledges the obligations in this section survive completion, cancellation, expiration or termination of this Agreement.

#### B. SECURITY

The Information Recipient assures that its security practices and safeguards meet Washington State Office of Washington Technology Solutions (WaTech) security standard 141.10 *Securing Information Technology Assets*.

For the purposes of this Agreement, compliance with the HIPAA Security Standard and all subsequent updates meets WaTech standard 141.10 "Securing Information Technology Assets."

The Information Recipient agrees to adhere to the Data Security Requirements in Appendix B. The Information Recipient further assures that it has taken steps necessary to prevent unauthorized access, use, or modification of the information in any form.

<u>Note:</u> The DOH Chief Information Security Officer must approve any changes to this section prior to Agreement execution. IT Security Officer will send approval/denial directly to DOH Contracts Office and DOH Business Contact.

### C. BREACH NOTIFICATION

The Information Recipient shall notify the DOH Chief Information Security Officer (<a href="mailto:security@doh.wa.gov">security@doh.wa.gov</a>) within one (1) business days of any suspected or actual breach of security or confidentiality of information covered by the Agreement.

### III. RE-DISCLOSURE OF INFORMATION

Information Recipient agrees to not disclose in any manner all or part of the information identified in this Agreement except as the law requires, this Agreement permits, or with specific prior written permission by the Secretary of the Department of Health.

If the Information Recipient must comply with state or federal public record disclosure laws, and receives a records request where all or part of the information subject to this Agreement is responsive to the request: the Information Recipient will notify the DOH Privacy Officer of the request ten (10) business days prior to disclosing to the requestor. The notice must:

- Be in writing;
- Include a copy of the request or some other writing that shows the:
  - Date the Information Recipient received the request; and
  - The DOH records that the Information Recipient believes are responsive to the request and the identity of the requestor, if known.

### IV. ATTRIBUTION REGARDING INFORMATION

Information Recipient agrees to cite "Washington State Department of Health" or other citation as specified, as the source of the information subject of this Agreement in all text, tables and references in reports, presentations and scientific papers.

Information Recipient agrees to cite its organizational name as the source of interpretations, calculations or manipulations of the information subject of this Agreement.

# V. OTHER PROVISIONS

With the exception of agreements with British Columbia for sharing health information, all data must be stored within the United States.

### VI. AGREEMENT ALTERATIONS AND AMENDMENTS

This Agreement may be amended by mutual agreement of the parties. Such amendments shall not be binding unless they are in writing and signed by personnel authorized to bind each of the parties.

### VII. CAUSE FOR IMMEDIATE TERMINATION

The Information Recipient acknowledges that unauthorized use or disclosure of the data/information or any other violation of sections II or III, and appendices A or B, may result in the immediate termination of this Agreement.

### VIII. CONFLICT OF INTEREST

The DOH may, by written notice to the Information Recipient:

Terminate the right of the Information Recipient to proceed under this Agreement if it is found, after due notice and examination by the Contracting Office that gratuities in the form of entertainment, gifts or otherwise were offered or given by the Information Recipient, or an agency or representative of the Information Recipient, to any officer or employee of the DOH, with a view towards securing this Agreement or securing favorable treatment with respect to the awarding or amending or the making of any determination with respect to this Agreement.

In the event this Agreement is terminated as provided in (a) above, the DOH shall be entitled to pursue the same remedies against the Information Recipient as it could pursue in the event of a breach of the Agreement by the Information Recipient. The rights and remedies of the DOH provided for in this section are in addition to any other rights and remedies provided by law. Any determination made by the Contracting Office

under this clause shall be an issue and may be reviewed as provided in the "disputes" clause of this Agreement.

# IX. <u>DISPUTES</u>

Except as otherwise provided in this Agreement, when a genuine dispute arises between the DOH and the Information Recipient and it cannot be resolved, either party may submit a request for a dispute resolution to the Contracts and Procurement Unit. The parties agree that this resolution process shall precede any action in a judicial and quasi-judicial tribunal. A party's request for a dispute resolution must:

- Be in writing and state the disputed issues, and
- State the relative positions of the parties, and
- State the information recipient's name, address, and his/her department agreement number, and
- Be mailed to the DOH contracts and procurement unit, P. O. Box 47905,
   Olympia, WA 98504-7905 within thirty (30) calendar days after the party could
   reasonably be expected to have knowledge of the issue which he/she now
   disputes.

This dispute resolution process constitutes the sole administrative remedy available under this Agreement.

# X. EXPOSURE TO DOH BUSINESS INFORMATION NOT OTHERWISE PROTECTED BY LAW AND UNRELATED TO CONTRACT WORK

During the course of this contract, the information recipient may inadvertently become aware of information unrelated to this agreement. Information recipient will treat such information respectfully, recognizing DOH relies on public trust to conduct its work. This information may be hand written, typed, electronic, or verbal, and come from a variety of sources.

# XI. <u>GOVERNANCE</u>

This Agreement is entered into pursuant to and under the authority granted by the laws of the state of Washington and any applicable federal laws. The provisions of this Agreement shall be construed to conform to those laws.

In the event of an inconsistency in the terms of this Agreement, or between its terms and any applicable statute or rule, the inconsistency shall be resolved by giving precedence in the following order:

Applicable Washington state and federal statutes and rules;

 Any other provisions of the Agreement, including materials incorporated by reference.

## XII. HOLD HARMLESS

Each party to this Agreement shall be solely responsible for the acts and omissions of its own officers, employees, and agents in the performance of this Agreement. Neither party to this Agreement will be responsible for the acts and omissions of entities or individuals not party to this Agreement. DOH and the Information Recipient shall cooperate in the defense of tort lawsuits, when possible.

### XIII. LIMITATION OF AUTHORITY

Only the Authorized Signatory for DOH shall have the express, implied, or apparent authority to alter, amend, modify, or waive any clause or condition of this Agreement on behalf of the DOH. No alteration, modification, or waiver of any clause or condition of this Agreement is effective or binding unless made in writing and signed by the Authorized Signatory for DOH.

### XIV. RIGHT OF INSPECTION

The Information Recipient shall provide the DOH and other authorized entities the right of access to its facilities at all reasonable times, in order to monitor and evaluate performance, compliance, and/or quality assurance under this Agreement on behalf of the DOH.

### XV. SEVERABILITY

If any term or condition of this Agreement is held invalid, such invalidity shall not affect the validity of the other terms or conditions of this Agreement, provided, however, that the remaining terms and conditions can still fairly be given effect.

# XVI. <u>SURVIVORSHIP</u>

The terms and conditions contained in this Agreement which by their sense and context, are intended to survive the completion, cancellation, termination, or expiration of the Agreement shall survive.

# XVII. <u>TERMINATION</u>

Either party may terminate this Agreement upon 30 days prior written notification to the other party. If this Agreement is so terminated, the parties shall be liable only for

DSA #: 2028-11-02

CLH 31110

performance rendered or costs incurred in accordance with the terms of this Agreement prior to the effective date of termination.

# XVIII. WAIVER OF DEFAULT

This Agreement, or any term or condition, may be modified only by a written amendment signed by the Information Provider and the Information Recipient. Either party may propose an amendment.

Failure or delay on the part of either party to exercise any right, power, privilege or remedy provided under this Agreement shall not constitute a waiver. No provision of this Agreement may be waived by either party except in writing signed by the Information Provider or the Information Recipient.

# XIX. ALL WRITINGS CONTAINED HEREIN

This Agreement and attached Exhibit(s) contains all the terms and conditions agreed upon by the parties. No other understandings, oral or otherwise, regarding the subject matter of this Agreement and attached Exhibit(s) shall be deemed to exist or to bind any of the parties hereto.

# XX. PERIOD OF PERFORMANCE

This **Agreement** shall be effective from <u>date of execution</u> through <u>11/30/2028</u>

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date of last signature below.

INFORMATION PROVIDER	INFORMATION RECIPIENT		
State of Washington Department of Health	Snohomish County		
Leslie B Cer (Mar 12, 2025 09:39 PDT)	Lacey Harper		
Signature	Signature		
Leslie Becker	Lacey Harper		
Print Name	Print Name		
03/12/2025	03/12/2025		
Date	Date		

# **EXHIBIT I**

### APPROVED SCOPE OF DEATH DATA

# 1. PURPOSE AND JUSTIFICATION FOR SHARING THE DATA

Provide a detailed description of the purpose and justification for sharing the data, including specifics on how the data will be used.

Death data will be used to build a chronic disease and injury prevention surveillance system. Anticipated results would be to estimate trends in chronic disease, injury/violence, and hospital burden in Snohomish County. This will be part of an on-going chronic disease and injury prevention surveillance system.

The death data files will also be used for general public health and prevention efforts through analysis and review of death rate trends in Snohomish County.

Results will be disseminated internally for decision-making, public health policy, program planning and evaluation. Results may be disseminated as part of a surveillance report or data dashboard adhering to any and all small numbers restrictions.

These data may be put into a data dashboard, but all data in a public dashboard or other publishing's or sharing must adhere to the small numbers guidelines.

The anticipated results are intended to better understand the burden of chronic disease and injury/violence in Snohomish County. This will help inform public health policy and programmatic work in Snohomish County.

As a local health jurisdiction, access to vital records data is essential for monitoring and addressing the health needs of the community population. Public health serves as a health promotion and response agency, addressing a wide range of issues that may arise, from vaping-related illnesses and avian flu outbreaks to chronic disease management and suicide prevention efforts. Due to the dynamic nature of public health, the data will generally be used for health surveillance to understand and monitor the overall health status and trends within the community population, for program development, to design and implement initiatives addressing identified health needs, and for program assessment to evaluate whether public health interventions and initiatives are achieving their intended outcomes. This access is critical to fulfilling the public health role in protecting and improving community health.

	this agreement for human subjects research that requires Washington Review Board (WSIRB) approval? $\square$ Yes $\boxtimes$ No				
data sharing agree not contain direct	the Department to the Snohomish County Health Department through this ement solely consists of identifiers for deceased individuals. The data does identifiers pertaining to any living individual, including but not limited to nd does not meet the Common Rule definition of human subject.				
The Information R	ecipient is permitted to contact individuals.   Yes   No				
	ted to be linked with other information. $igstyle igstyle igy igstyle igy igstyle igy igstyle igy igstyle igy igstyle igy igy igy igy igy igy igy igy$				
•	ed with RHINO/ESSENCE data, WDRS data, and data from the Snohomish Examiner's office. Data may also be linked with EMS data sources such as mish ESO Data.				
Aggregated data is	Aggregated data is permitted to be shared with the public or other partners.   Yes  No				
The data is permitted to be re-disclosed.   Yes   No					
PERIOD OF PERFOR	RMANCE				
This <b>Exhibit</b> shall h noted below:	nave the same period of performance as the <b>Agreement</b> unless otherwise				
Exhibit I shall be e	ffective from through date of execution to 11/30/2028				
DESCRIPTION OF D	АТА				
Information Provide Database Name(s	der will make available the following information under this Agreement: ):				
	WA Death Annual Statistical WA Death Cause of Death Literals WA Death Names				

# **Data Elements being provided:**

2.

3.

The data elements listed in Appendix E are the current data elements for files indicated above. This data set is subject to annual review and may undergo minor changes. These changes will not require an amendment to this agreement. Should there be significant data changes to the data set then an amendment to this Agreement will be needed to reflect those changes.

	The information described in this section is:  Restricted Confidential Information (Category 4)
	Confidential Information (Category 4)
	Potentially identifiable information (Category 3)
	Internal [public information requiring authorized access] (Category 2)
	Public Information (Category 1)
	Any reference to data/information in this Agreement shall be the data/information as
	described in this Exhibit.
4.	STATUTORY AUTHORITY TO SHARE INFORMATION
	<b>DOH statutory authority</b> to obtain and disclose the confidential information or limited Dataset(s) identified in this Exhibit to the Information Recipient:
	RCW 70.58A.520 (6) - Disclosure of vital records, data, and vital statistics
5.	ACCESS TO INFORMATION
	METHOD OF ACCESS/TRANSFER
	DOH Web Application (indicate application name): CHS Data Files
	Washington State Managed File Transfer Service (mft.wa.gov)
	Encrypted CD/DVD or other storage device
	Health Information Exchange (HIE)**
	Other: (describe the methods for access/transfer)**
	**NOTE: DOH Chief Information Security Officer must approve prior to Agreement execution. DOH Chief Information Security Officer will send approval/denial directly to DOH Contracts Office and DOH Business Contact.
	FREQUENCY OF ACCESS/TRANSFER
	One time: DOH shall deliver information by Select date
	Repetitive: frequency or dates (insert dates if applicable)  As available within the period of performance stated in Section 2.
6	PEIMRI IPSEMENT TO DOU

# 6. REIMBURSEMENT TO DOH

The Information Recipient shall pay the Department the applicable fees required by WAC 246-492-990 for the information provided under this Agreement. Fees under this Agreement are nonrefundable.

**Billing Procedure** 

• Information Recipient agrees to provide payment to the Department before receiving the data, and understands that the Department will not provide data until payment has been made.

• Upon expiration of the Agreement, any payment not already made shall be submitted within 30 days after the expiration date or the end of the fiscal year, whichever is earlier.

	Charges for the services to create and provide the information are:
	S No charge.
DATA	DISPOSITION
	os otherwise directed in writing by the DOH Business Contact, at the end of this ement, or at the discretion and direction of DOH, the Information Recipient shall:
	Immediately destroy all copies of any data provided under this Agreement after it has been used for the purposes specified in the Agreement. Acceptable methods of destruction are described in Appendix B. Upon completion, the Information Recipient shall submit the attached Certification of Data Disposition (Appendix C) to the DOH Business Contact.
	Immediately return all copies of any data provided under this Agreement to the DOH Business Contact after the data has been used for the purposes specified in the Agreement, along with the attached Certification of Data Disposition (Appendix C).
	Retain the data for the purposes stated herein for a period of time not to exceed (e.g., one year, etc.), after which Information Recipient shall destroy the data (as described below) and submit the attached Certification of Data Disposition (Appendix C) to the DOH Business Contact.
	Other (Describe):

# 8. RIGHTS IN INFORMATION

7.

Information Recipient agrees to provide, if requested, copies of any research papers or reports prepared as a result of access to DOH information under this Agreement for DOH review prior to publishing or distributing.

In no event shall the Information Provider be liable for any damages, including, without limitation, damages resulting from lost information or lost profits or revenue, the costs of recovering such Information, the costs of substitute information, claims by third parties or for other similar costs, or any special, incidental, or consequential damages, arising out of

DSA #: 2028-11-02

CLH 31110

the use of the information. The accuracy or reliability of the Information is not guaranteed				
or warranted in any way and the information Provider's disclaim liability of any kind				
whatsoever, including, without limitation, liability for quality, performance,				
merchantability and fitness for a particular purpose arising out of the use, or inability to				
use the information.				
If checked, please submit the following:				
<ul> <li>Copies of (insert list of items)</li> </ul>				
to the attention of:(insert name of DOH employee)				
at(insert address to which material is sent)				
merchantability and fitness for a particular purpose arising out of the use, or inability to use the information.  If checked, please submit the following:  • Copies of (insert list of items) to the attention of: (insert name of DOH employee)				

### 9. ALL WRITINGS CONTAINED HEREIN

This Agreement and attached Exhibit(s) contains all the terms and conditions agreed upon by the parties. No other understandings, oral or otherwise, regarding the subject matter of this Agreement and attached Exhibit(s) shall be deemed to exist or to bind any of the parties hereto.

IN WITNESS WHEREOF, the parties have executed this Exhibit as of the date of last signature below.

INFORMATION PROVIDER	INFORMATION RECIPIENT
State of Washington Department of Health	Snohomish County
Leslie BUXET (Mar 12, 2025 09:39 PDT)	Lacey Harper
Signature	Signature
Leslie Becker	Lacey Harper
Print Name	Print Name
03/12/2025	03/12/2025
Date	Date

### **EXHIBIT II**

# APPROVED SCOPE OF HOSPITAL PATIENT DISCHARGE DATA WITH INDIRECT PATIENT IDENTIFIERS

### 1. PURPOSE AND JUSTIFICATION FOR SHARING THE DATA

Provide a detailed description of the purpose and justification for sharing the data, including specifics on how the data will be used.

CHARS data will be used to build a chronic disease and injury prevention surveillance system. Anticipated results would be to estimate trends in chronic disease, injury/violence, and hospital burden. This will be part of an on-going chronic disease and injury prevention surveillance system.

The CHARS files will also be used for general public health and prevention efforts through analysis and review of hospitalization trends in Snohomish County.

Results will be disseminated internally for public health policy, program planning and evaluation. Results may be disseminated as part of a surveillance report or data dashboard adhering to any and all small numbers restrictions.

These data may be put into a data dashboard, but all data in a public dashboard or other publishing's or sharing must adhere to the small numbers guidelines.

The results will help to better understand the burden of chronic disease and injury/violence in Snohomish County. This will help inform public health policy and programmatic work in Snohomish County.

As a local health jurisdiction, access to CHARS data is essential for monitoring and addressing the health needs of the community population. Public health serves as a health promotion and response agency, addressing a wide range of issues that may arise, from vaping-related illnesses and avian flu outbreaks to chronic disease management and suicide prevention efforts. Due to the dynamic nature of public health, the data will generally be used for health surveillance to understand and monitor the overall health status and trends within the community population, for program development, to design and implement initiatives addressing identified health needs, and for program assessment to evaluate whether public health interventions and initiatives are achieving their intended outcomes. This access is critical to fulfilling the public health role in protecting and improving community health.

Data provided under this agreement may only be linked as specified within the scope of Exhibit I. Linking this data to any datasets not explicitly authorized within Exhibit I, including data from other exhibits or external sources, is prohibited.

Is the purpose of this agreement for human subjects research that requires Washington State Institutional Review Board (WSIRB) approval?

		Yes	$\bowtie$	No				CL	11 31110
Th		ormitto	d to bo	انمادمطیر	ith ather inform	aation			
Ine		Yes		No	ith other inforn	iation.			
The	e data is p	ermitte Yes	d to be	re-disclo	sed.				
Ag	gregated d	ata is pe	ermitted	d to be sl	nared with the p	ublic or othe	r partners. [	∑ Yes ☐ N	0
2.	PERIOD C	F PERF	ORMAN	ICE					
	This <b>Exh</b> inoted be		l have t	he same	period of perfo	ormance as tl	ne <b>Agreeme</b>	e <b>nt</b> unless ot	herwise
	Exhibit <b>I</b> l	<b>l</b> shall b	e effect	ive from	through date o	of execution t	o <u>11/30/20</u>	<u>28</u>	
3.	DESCRIPT	ION OF	DATA						
	Informat <b>Databas</b>			ill make	available the fo	llowing infor	mation und	er this Agree	ement:
	$\boxtimes$ w	'A CHAR	S Obse	rvation v	n Indirect Patien vith Indirect Pat adirect Patient I	tient Identifie	ers		
	above. T	elemen This data will not nges to	nts liste a set is require the dat	d in App subject t e an ame	endix E are the o annual reviev endment to this en an amendme	v and may un agreement.	dergo mino Should ther	r changes. Te be signific	These ant
	The info	rmation	descrik	ed in th	is section is:				
			Confid Poten Interr	dential I itially ide nal [publ	nfidential Information (Catentifiable information ration (Category	egory 3) nation (Categ equiring auth	ory 3)	ss] (Categor	y 2)

Any reference to data/information in this Agreement shall be the data/information as described in this Exhibit.

# 4. STATUTORY AUTHORITY TO SHARE INFORMATION

DOH statutory authority to obtain and disclose the confidential information or limited Dataset(s) identified in this Exhibit to the Information Recipient:

RCW 43.70.052(9)(b) - Hospital financial and patient discharge data

# 5. ACCESS TO INFORMATION

51 AGESS TO INI ONIVIATION
METHOD OF ACCESS/TRANSFER
DOH Web Application (indicate application name): CHS Data Files  Washington State Managed File Transfer Service (mft.wa.gov)  Encrypted CD/DVD or other storage device  Health Information Exchange (HIE)**  Other: (describe the methods for access/transfer)**
**NOTE: DOH Chief Information Security Officer must approve prior to Agreement execution. DOH Chief Information Security Officer will send approval/denial directly to DOH Contracts Office and DOH Business Contact.  FREQUENCY OF ACCESS/TRANSFER
One time: DOH shall deliver information by Select date Repetitive: frequency or dates (insert dates if applicable) As available within the period of performance stated in Section 2.
6. REIMBURSEMENT TO DOH
The Information Recipient shall pay the Department the applicable fees required by WAC 246-455-990 for the information provided under this Agreement. Fees under this Agreement are nonrefundable.
Billing Procedure
<ul> <li>Information Recipient agrees to provide payment to the Department before receiving the data, and understands that the Department will not provide data until payment has been made.</li> </ul>
<ul> <li>Upon expiration of the Agreement, any payment not already made shall be submitted within 30 days after the expiration date or the end of the fiscal year, whichever is earlier.</li> </ul>
Charges for the services to create and provide the information are:
□ \$ No charge.

### 7. DATA DISPOSITION

Unless otherwise directed in writing by the DOH Business Contact, at the end of this Agreement, or at the discretion and direction of DOH, the Information Recipient shall:

Immediately destroy all copies of any data provided under this Agreement after it has been used for the purposes specified in the Agreement. Acceptable methods of destruction are described in Appendix B. Upon completion, the Information Recipients shall submit the attached Certification of Data Disposition (Appendix C) to the DOF Business Contact.
Immediately return all copies of any data provided under this Agreement to the DOF Business Contact after the data has been used for the purposes specified in the Agreement, along with the attached Certification of Data Disposition (Appendix C)
Retain the data for the purposes stated herein for a period of time not to exceed (e.g., one year, etc.), after which Information Recipient shall destroy the data (as described below) and submit the attached Certification of Data Disposition (Appendix C) to the DOH Business Contact.
Other (Describe):

### 8. RIGHTS IN INFORMATION

Information Recipient agrees to provide, if requested, copies of any research papers or reports prepared as a result of access to DOH information under this Agreement for DOH review prior to publishing or distributing.

In no event shall the Information Provider be liable for any damages, including, without limitation, damages resulting from lost information or lost profits or revenue, the costs of recovering such Information, the costs of substitute information, claims by third parties or for other similar costs, or any special, incidental, or consequential damages, arising out of the use of the information. The accuracy or reliability of the Information is not guaranteed or warranted in any way and the information Provider's disclaim liability of any kind whatsoever, including, without limitation, liability for quality, performance, merchantability and fitness for a particular purpose arising out of the use, or inability to use the information.

If chec	cked, please submit the following:
•	Copies of (insert list of items)
	to the attention of:(insert name of DOH employee)
	at(insert address to which material is sent)

### 9. ALL WRITINGS CONTAINED HEREIN

This Agreement and attached Exhibit(s) contains all the terms and conditions agreed upon by the parties. No other understandings, oral or otherwise, regarding the subject matter of this Agreement and attached Exhibit(s) shall be deemed to exist or to bind any of the parties hereto.

IN WITNESS WHEREOF, the parties have executed this Exhibit as of the date of last signature below.

INFORMATION PROVIDER	INFORMATION RECIPIENT
State of Washington Department of Health	Snohomish County
Leslie B (Mar 12, 2025 09:39 PDT)	Lacey Harper
Signature	Signature
Leslie Becker	Lacey Harper
Print Name	Print Name
03/12/2025	03/12/2025
Date	Date

# **EXHIBIT III**

### APPROVED SCOPE OF BIRTH, FETAL DEATH, AND INFANT DEATH DATA WITH INDIRECT IDENTIFIERS

### 1. PURPOSE AND JUSTIFICATION FOR SHARING THE DATA

Provide a detailed description of the purpose and justification for sharing the data, including specifics on how the data will be used.

Birth, fetal death, and infant death data will be used for general public health and prevention efforts through analysis and review of trends over time in births, maternal risk factors, and infant deaths in Snohomish County. This will help inform decision-making, public health policy and programmatic work related to maternal and child health in Snohomish County.

The data will also help to strengthen, support, and streamline our child death review and overdose fatality review processes.

Results will be disseminated internally for public health policy, program planning and evaluation. Results may be disseminated as part of a surveillance report or data dashboard adhering to any and all small numbers restrictions.

These data may be put into a data dashboard, but all data in a public dashboard or other publishing's or sharing must adhere to the small numbers guidelines.

As a local health jurisdiction, access to birth, fetal death, and infant death data is essential for monitoring and addressing the health needs of the community population. Public health serves as a health promotion and response agency, addressing a wide range of issues that may arise, from vaping-related illnesses and gestational diabetes rates to chronic disease management and suicide prevention efforts. Due to the dynamic nature of public health, the data will generally be used for health surveillance to understand and monitor the overall health status and trends within the community population, for program development, to design and implement initiatives addressing identified health needs, and for program assessment to evaluate whether public health interventions and initiatives are achieving the intended outcomes. This access is critical to fulfilling the public health role in protecting and improving community health.

Data provided under this agreement may only be linked as specified within the scope of Exhibit I. Linking this data to any datasets not explicitly authorized within Exhibit I, including data from other exhibits or external sources, is prohibited.

Is the purpose of this agreement for human subjects research that reconstitutional Review Board (WSIRB) approval? $\square$ Yes $\boxtimes$ No	quires Washington State
The data is permitted to be linked with other information. $\square$ Yes $\boxtimes$ No	) Page 21 of 247

	If yes: Linking information that is authorized by the Department.
	The data is permitted to be re-disclosed.   Yes No
	Aggregated data is permitted to be shared with the public or other partners. 🔀 Yes 🗌 No
2.	PERIOD OF PERFORMANCE
	This <b>Exhibit</b> shall have the same period of performance as the <b>Agreement</b> unless otherwise noted below:
	Exhibit III shall be effective from through date of execution to <a href="https://doi.org/10.2028/10.2028/">11/30/2028</a>
3.	DESCRIPTION OF DATA
	Information Provider will make available the following information under this Agreement: <b>Database Name(s):</b>
	<ul> <li>✓ WA Birth Statistical with Indirect Identifiers</li> <li>✓ WA Fetal Death Statistical with Indirect Identifiers</li> <li>✓ WA Linked Birth-Infant Death with Indirect Identifiers</li> <li>✓ WA Linked Birth-CHARS with Indirect Identifiers</li> </ul>
	Data Elements being provided:
	The data elements listed in Appendix E are the current data elements for files indicated above. This data set is subject to annual review and may undergo minor changes. These changes will not require an amendment to this agreement. Should there be significant data changes to the data set then an amendment to this Agreement will be needed to reflect those changes.
	The information described in this section is:
	<ul> <li>☐ Restricted Confidential Information (Category 4)</li> <li>☐ Confidential Information (Category 3)</li> <li>☐ Potentially identifiable information (Category 3)</li> <li>☐ Internal [public information requiring authorized access] (Category 2)</li> <li>☐ Public Information (Category 1)</li> </ul>

Any reference to data/information in this Agreement shall be the data/information as described in this Exhibit.

# 4. STATUTORY AUTHORITY TO SHARE INFORMATION

**DOH statutory authority** to obtain and disclose the confidential information or limited Dataset(s) identified in this Exhibit to the Information Recipient:

RCW 70.58A.520 (5) - Disclosure of vital records, data, and vital statistics

# 5. ACCESS TO INFORMATION

METHOD OF A	ACCESS/TRANSFER
	DOH Web Application (indicate application name): CHS Data Files Washington State Managed File Transfer Service (mft.wa.gov) Encrypted CD/DVD or other storage device Health Information Exchange (HIE)** Other: (describe the methods for access/transfer)**
	H Chief Information Security Officer must approve prior to Agreement execution. DOF tion Security Officer will send approval/denial directly to DOH Contracts Office and DOF act.
FREQUENCY C	OF ACCESS/TRANSFER
	One time: DOH shall deliver information by Select date
	Repetitive: frequency or dates (insert dates if applicable) As available within the period of performance stated in Section 2.
6. REIMBURSEMENT	то рон
	pient shall pay the Department the applicable fees required by WAC 246-492-990 for the under this Agreement. Fees under this Agreement are nonrefundable.
Billing Procedure	
	on Recipient agrees to provide payment to the Department before receiving the data stands that the Department will not provide data until payment has been made.
	ration of the Agreement, any payment not already made shall be submitted within 30 the expiration date or the end of the fiscal year, whichever is earlier.
Charge	es for the services to create and provide the information are:
	\$ No charge.

### 7. DATA DISPOSITION

Unless otherwise directed in writing	by the DOH Business Contact,	at the end of this	Agreement,	or at
the discretion and direction of DOH	the Information Recipient sha	ıll:		

Immediately destroy all copies of any data provided under this Agreement after it has been used for the purposes specified in the Agreement. Acceptable methods of destruction are described in Appendix B. Upon completion, the Information Recipient shall submit the attached Certification of Data Disposition (Appendix C) to the DOH Business Contact.
Immediately return all copies of any data provided under this Agreement to the DOH Business Contact after the data has been used for the purposes specified in the Agreement, along with the attached Certification of Data Disposition (Appendix C).
Retain the data for the purposes stated herein for a period of time not to exceed
Other (Describe):

### 8. RIGHTS IN INFORMATION

Information Recipient agrees to provide, if requested, copies of any research papers or reports prepared as a result of access to DOH information under this Agreement for DOH review prior to publishing or distributing.

In no event shall the Information Provider be liable for any damages, including, without limitation, damages resulting from lost information or lost profits or revenue, the costs of recovering such Information, the costs of substitute information, claims by third parties or for other similar costs, or any special, incidental, or consequential damages, arising out of the use of the information. The accuracy or reliability of the Information is not guaranteed or warranted in any way and the information Provider's disclaim liability of any kind whatsoever, including, without limitation, liability for quality, performance, merchantability and fitness for a particular purpose arising out of the use, or inability to use the information.

If chec	cked, please su	ubmit the following:	
•	Copies of	(insert list of items)	

to the attention of:	(insert name of DOH employee)
at (insert address	to which material is sent) .

### 9. ALL WRITINGS CONTAINED HEREIN

This Agreement and attached Exhibit(s) contains all the terms and conditions agreed upon by the parties. No other understandings, oral or otherwise, regarding the subject matter of this Agreement and attached Exhibit(s) shall be deemed to exist or to bind any of the parties hereto.

IN WITNESS WHEREOF, the parties have executed this Exhibit as of the date of last signature below.

INFORMATION PROVIDER	INFORMATION RECIPIENT
State of Washington Department of Health	Snohomish County
Leslie B Cher (Mar 12, 2025 09:39 PDT)	Lacey Harper
Signature	Signature
Leslie Becker	Lacey Harper
Print Name	Print Name
03/12/2025	03/12/2025
Date	Date

#### **APPENDIX A**

## **USE AND DISCLOSURE OF CONFIDENTIAL INFORMATION**

People with access to confidential information are responsible for understanding and following the laws, policies, procedures, and practices governing it. Below are key elements:

### A. CONFIDENTIAL INFORMATION

Confidential information is information federal and state law protects from public disclosure. Examples of confidential information are social security numbers, and healthcare information that is identifiable to a specific person under RCW 70.02. The general public disclosure law identifying exemptions is RCW 42.56.

#### B. ACCESS AND USE OF CONFIDENTIAL INFORMATION

- 1. Access to confidential information must be limited to people whose work specifically requires that access to the information.
- 2. Use of confidential information is limited to purposes specified elsewhere in this Agreement.

### C. DISCLOSURE OF CONFIDENTIAL INFORMATION

- 1. An Information Recipient may disclose an individual's confidential information received or created under this Agreement to that individual or that individual's personal representative consistent with law.
- An Information Recipient may disclose an individual's confidential information, received or created under this Agreement only as permitted under the <u>Re-Disclosure of Information</u> section of the Agreement, and as state and federal laws allow.

## D. CONSEQUENCES OF UNAUTHORIZED USE OR DISCLOSURE

An Information Recipient's unauthorized use or disclosure of confidential information is the basis for the Information Provider immediately terminating the Agreement. The Information Recipient may also be subject to administrative, civil and criminal penalties identified in law.

E.	ADDITIONAL DATA USE RESTRICTIONS: (if necessary)
Signatu	ıre:
Date:_	

#### **APPENDIX B**

# **DATA SECURITY REQUIREMENTS**

#### **Protection of Data**

The storage of Category 3 and 4 information outside of the State Governmental Network requires organizations to ensure that encryption is selected and applied using industry standard algorithms validated by the NIST Cryptographic Algorithm Validation Program. Encryption must be applied in such a way that it renders data unusable to anyone but authorized personnel, and the confidential process, encryption key or other means to decipher the information is protected from unauthorized access. All manipulations or transmissions of data within the organizations network must be done securely.

The Information Recipient agrees to store information received under this Agreement (the data) within the United States on one or more of the following media, and to protect it as described below:

#### A. Passwords

Passwords must always be encrypted. When stored outside of the authentication mechanism,
passwords must be in a secured environment that is separate from the data and protected in the
same manner as the data. For example passwords stored on mobile devices or portable storage
devices must be protected as described under section <u>F. Data storage on mobile devices or portable</u>
storage media.

## 2. Complex Passwords are:

- At least 8 characters in length.
- Contain at least three of the following character classes: uppercase letters, lowercase letters, numerals, special characters.
- Do not contain the user's name, user ID or any form of their full name.
- Do not consist of a single complete dictionary word but can include a passphrase.
- Do not consist of personal information (e.g., birthdates, pets' names, addresses, etc.)
- Are unique and not reused across multiple systems and accounts.
- Changed at least every 120 days.

### B. Hard disk drives / Solid State Drives – Data stored on workstation drives:

- 1. The data must be encrypted as described under section F. Data storage on mobile devices or portable storage media. Encryption is not required when Potentially Identifiable Information is stored temporarily on local workstation Hard Disk Drives/Solid State Drives. Temporary storage is thirty (30) days or less.
- 2. Access to the data is restricted to authorized users by requiring logon to the local workstation using a unique user ID and Complex Password, or other authentication mechanisms which provide equal or greater security, such as biometrics or smart cards. Accounts must lock after 5 unsuccessful access attempts and remain locked for at least 15 minutes, or require administrator reset.

# C. Network server and storage area networks (SAN)

1. Access to the data is restricted to authorized users through the use of access control lists which will grant access only after the authorized user has authenticated to the network.

- 2. Authentication must occur using a unique user ID and Complex Password, or other authentication mechanisms which provide equal or greater security, such as biometrics or smart cards. Accounts must lock after 5 unsuccessful access attempts, and remain locked for at least 15 minutes, or require administrator reset.
- 3. The data are located in a secured computer area, which is accessible only by authorized personnel with access controlled through use of a key, card key, or comparable mechanism.
- 4. If the servers or storage area networks are not located in a secured computer area or if the data is classified as Confidential or Restricted it must be encrypted as described under F. Data storage on mobile devices or portable storage media.

# D. Optical discs (CDs or DVDs)

- 1. Optical discs containing the data must be encrypted as described under <u>F. Data storage on mobile</u> devices or portable storage media.
- 2. When not in use for the purpose of this Agreement, such discs must be locked in a drawer, cabinet or other physically secured container to which only authorized users have the key, combination or mechanism required to access the contents of the container.

#### E. Access over the Internet or the State Governmental Network (SGN).

- 1. When the data is transmitted between DOH and the Information Recipient, access is controlled by the DOH, who will issue authentication credentials.
- 2. Information Recipient will notify DOH immediately whenever:
  - a) An authorized person in possession of such credentials is terminated or otherwise leaves the employ of the Information Recipient;
  - b) Whenever a person's duties change such that the person no longer requires access to perform work for this Contract.
- 3. The data must not be transferred or accessed over the Internet by the Information Recipient in any other manner unless specifically authorized within the terms of the Agreement.
  - a) If so authorized the data must be encrypted during transmissions using a key length of at least 128 bits. Industry standard mechanisms and algorithms, such as those validated by the National Institute of Standards and Technology (NIST) are required.
  - b) Authentication must occur using a unique user ID and Complex Password (of at least 10 characters). When the data is classified as Confidential or Restricted, authentication requires

secure encryption protocols and multi-factor authentication mechanisms, such as hardware or software tokens, smart cards, digital certificates or biometrics.

c) Accounts must lock after 5 unsuccessful access attempts, and remain locked for at least 15 minutes, or require administrator reset.

## F. Data storage on mobile devices or portable storage media

- 1. Examples of mobile devices are: smart phones, tablets, laptops, notebook or netbook computers, and personal media players.
- 2. Examples of portable storage media are: flash memory devices (e.g. USB flash drives), and portable hard disks.
- 3. The data must not be stored by the Information Recipient on mobile devices or portable storage media unless specifically authorized within the terms of this Agreement. If so authorized:
  - a) The devices/media must be encrypted with a key length of at least 128 bits, using industry standard mechanisms validated by the National Institute of Standards and Technologies (NIST).
    - Encryption keys must be stored in a secured environment that is separate from the data and protected in the same manner as the data.
  - b) Access to the devices/media is controlled with a user ID and a Complex Password (of at least 6 characters), or a stronger authentication method such as biometrics.
  - c) The devices/media must be set to automatically <u>wipe</u> or be rendered unusable after no more than 10 failed access attempts.
  - d) The devices/media must be locked whenever they are left unattended and set to lock automatically after an inactivity activity period of 3 minutes or less.
  - e) The data must not be stored in the Cloud. This includes backups.
  - f) The devices/ media must be physically protected by:
    - Storing them in a secured and locked environment when not in use;
    - Using check-in/check-out procedures when they are shared; and
    - Taking frequent inventories.
- 4. When passwords and/or encryption keys are stored on mobile devices or portable storage media they must be encrypted and protected as described in this section.

### G. Backup Media

The data may be backed up as part of Information Recipient's normal backup process provided that the process includes secure storage and transport, and <u>the data is encrypted</u> as described under *F. Data storage on mobile devices or portable storage media.* 

## H. Paper documents

Paper records that contain data classified as Confidential or Restricted must be protected by storing the records in a secure area which is only accessible to authorized personnel. When not in use, such records is stored in a locked container, such as a file cabinet, locking drawer, or safe, to which only authorized persons have access.

# I. Data Segregation

- 1. The data must be segregated or otherwise distinguishable from all other data. This is to ensure that when no longer needed by the Information Recipient, all of the data can be identified for return or destruction. It also aids in determining whether the data has or may have been compromised in the event of a security breach.
- 2. When it is not feasible or practical to segregate the data from other data, then *all* commingled data is protected as described in this Exhibit.

# J. Data Disposition

If data destruction is required by the Agreement, the data must be destroyed using one or more of the following methods:

2444 5451 544 5111	
Hard Disk Drives / Solid State Drives	Using a "wipe" utility which will overwrite the data at least three (3) times using either random or single character data, or
	Degaussing sufficiently to ensure that the data cannot be reconstructed, or
	Physically destroying the disk , or
	Delete the data and physically and logically secure data storage systems that continue to be used for the storage of Confidential or Restricted information to prevent any future access to stored information. One or more of the preceding methods is performed before transfer or surplus of the systems or media containing the data.
Paper documents with	On-site shredding, pulping, or incineration, or
Confidential or Restricted information	Recycling through a contracted firm provided the Contract with the recycler is certified for the secure destruction of confidential information.
Optical discs (e.g. CDs or DVDs)	Incineration, shredding, or completely defacing the readable surface with a course abrasive.
Magnetic tape	Degaussing, incinerating or crosscut shredding.
Removable media (e.g. floppies, USB flash drives, portable hard disks, Zip or similar disks)	Using a "wipe" utility which will overwrite the data at least three (3) times using either random or single character data.
	Physically destroying the disk.
	Degaussing magnetic media sufficiently to ensure that the data cannot be reconstructed.

Is destroyed by:

# K. Notification of or Potential Compromise

Data stored on:

The Information Recipient shall notify the Department's Chief Information Security Officer at <a href="mailto:security@doh.wa.gov">security@doh.wa.gov</a> and the Department's Business Contact within one (1) business day of any suspected or actual breach of security or confidentiality of information covered by the Agreement.

The compromise or potential compromise of the data is reported to DOH as required in Section II.C.

# **APPENDIX C**

# **CERTIFICATION OF DATA DISPOSITION**

Date o	of Disposition	
	All copies of any Datasets related to agreement DOH# storage systems. These data storage systems continue to and are physically and logically secured to prevent any f transfer or surplus, all data will be eradicated from these any future access to previously stored information.	be used for the storage of confidential data uture access to stored information. Before
	All copies of any Datasets related to agreement DOH#_ storage systems to effectively prevent any future access	<del></del>
	All materials and computer media currently under or p Recipient identified in Agreement DOH# contai # have been physically destroyed to prevent and	ning any data related to Agreement DOH
	All paper copies of the information currently under or precipient identified in Agreement DOH# related destroyed on-site by cross cut shredding.	-
	All copies of any Datasets related to agreement DOH #_manner described above, have been returned to DOH.	that have not been disposed of in a
	Other (provide details in an attachment to this documen	t).
provid indicat	Information Recipient hereby certifies, by signature below, ided in Agreement DOH #, Section J, Disposit ated above. The person signing below indicated, by signing of the Information Recipient, if the Information Recipient	ion of Information, have been fulfilled as ig, that they have the authority to sign on
Signat	ature of data recipient Date	<u> </u>

### **APPENDIX D**

## **DOH SMALL NUMBERS GUIDELINES**

- Aggregate data so that the need for suppression is minimal. Suppress all non-zero counts which are less than ten.
- Suppress rates or proportions derived from those suppressed counts.
- Assure that suppressed cells cannot be recalculated through subtraction, by using secondary suppression as necessary. Survey data from surveys in which 80% or more of the eligible population is surveyed should be treated as non-survey data.
- When a survey includes less than 80% of the eligible population, and the respondents are
  unequally weighted, so that cell sample sizes cannot be directly calculated from the weighted
  survey estimates, then there is no suppression requirement for the weighted survey
  estimates.
- When a survey includes less than 80% of the eligible population, but the respondents are equally weighted, then survey estimates based on fewer than 10 respondents should be "top-coded" (estimates of less than 5% or greater than 95% should be presented as 0-5% or 95-100%).

# **APPENDIX E**

# **Death Statistical File Data Dictionary**

Note: Missing values are valid for all variables.

ld	Field Name	Description	Format/Values	Historical Field Name	Historical Format/Values	
mber	(2016 and later)			(1980-2015)	(1980-2015)	
	1 State File Number	Certificate Number	Character; YYYY######	certno	YYYY######	
	2 Sex	Sex	Character; Max Length = 1	sex	***1980-2015***	
			M = Male		M = Male	
			F = Female		F = Female	
	2 Ago Tupo	Type of Age Unit	U = Undetermined	agounit	U = Undetermined ***1980-2015***	
	3 Age Type	Type of Age Unit	Numeric; Max Length = 1 1 = Years	ageunit	0 - Years 1 to 99	
		Indicates the unit in which age was	2 = Months		1 - Years 100 or more	
		reported (e.g., years,months,etc.). To	3 = Days		2 - Months	
		determine age of decedent at time of	4 = Hours		4 - Days	
		death use this field with the number of	5 = Minutes		5 - Hours	
		age unit. Before using this field, see	9 = Unknown		6 - Minutes	
		"Death Statistical File Data Notes-Age			9 - Unknown/Not Stated	
		at Death."				
	4 Age	Number of Age Units	Numeric; Max Length = 3; 999=Unknown	ageunum	***1980-2015*** 01-99 - Years 1 to 99	
		Age, Number of Units			00-99 - Years 100 or more	
		Use number of age units with the age			99 - Unknown/Not Stated	
		unit field to determine age of			33 Ommoni, not stated	
		decedent at time of death. Before			01-11 - Months	
		using this field, see "Death Statistical			99 - Unknown/Not Stated	
		File Data Notes-Age at Death."				
					01-31 - Days	
					99 - Unknown/Not Stated	
					01-23 - Hours	
					99 - Unknown/Not Stated	
					33 GIRNOWII, NOC Stated	
					01-59 - Minutes	
					99 - Unknown/Not Stated	
	5 Age Years	Age Calculation in Years. This field will	Numeric; Max Length = 3; 999=Unknown	age	Numeric; Max Length = 3;	
		be 0 if age is less than 1 year.			999=Unknown	
	6 Date of Birth	Date of Birth	Date; Max Length = 10;	dob	***1980-2015***	
			MM/DD/YYYY		YYYYMMDD 99999999 - Unknown/Not Stated	
	7 Date of Birth - Month	Date of Birth - Month	Numeric; Max Length = 2	dob_mo	33333333 - Olikilowily Not Stated	
	2 Data of Birth Day	Data of Dieth Day	1-12; 99 = Unknown			
	8 Date of Birth - Day	Date of Birth - Day	Numeric; Max Length = 2 1-31; 99 = Unknown	dob_da		
!	9 Date of Birth - Year	Date of Birth - Year	Numeric; Max Length = 4 9999 = Unknown	dob_yr		
10	Date of Death	Date of Death	Date; Max Length = 10; MM/DD/YYYY	dth_date	***1980-2015***	
				-	YYYYMMDD	
					99999999 - Unknown/Not Stated	
1:	1 Date of Death - Month	Date of Death - Month	Numeric; Max Length = 2 1-12; 99 = Unknown	dth_mo		
12	2 Date of Death - Day	Date of Death - Day	Numeric; Max Length = 2	dth_da		
13	3 Date of Death - Year	Date of Death - Year	1-31; 99 = Unknown Numeric; Max Length = 4	dth_yr		
			9999 = Unknown			
14	4 Date of Death Modifier	Date of Death Modifier	Character; Max Length = 1;	dod_modi	***2004-2015***	
			A = Actual		A - Actual	
			X = Approximate		P – Presumed	
			C = Court Ordered		C – Court determined	
			E = Estimated F = Found		F – Found	
			· · · · · · · · · · · · · · · · · · ·			
			P = Presumed		***1980-2003***	
			P = Presumed U = Unknown		***1980-2003*** Not collected.	

					CLH 3111
15	Time of Death - Hour	Time of Death - Hour	Numeric: Max Length = 2 HH	dth_hour	
16	Time of Death - Minutes	Time of Death - Minutes	Character: Max Length = 3 MM or :MM	dth_min	
17	Time of Death Modifier	Time of Death Modifier	Character; Max Length = 1 A = Actual X = Approximate C = Court Ordered E = Estimated F = Found P = Presumed		
18	Birthplace State FIPS Code	Decedent's Birth State FIPS Code	U = Unknown  Character; Max Length = 2 AL - Alabama AK - Alaska AZ - Arizona AR - Arkansas CO - Colorado CT - Connecticut DE - Delaware DC - District of Columbia FL - Florida GA - Georgia HI - Hawaii ID - Idaho IL - Illinois IN - Indiana IA - Iowa KS - Kansas KY - Kentucky LA - Louisiana ME - Maine MD - Maryland MA - Massachusetts MI - Michigan MN - Minesota MS - Mississippi MO - Missouri MT - Montana NE - Nebraska NV - Nevada NH - New Hampshire NJ - New Hersey		
10	Birthplace Country	Decedent's Birth Country Name	NM - New Mexico  Character; Max Length = 256	birth_country_name	Literal
				birti_country_name	Literal
		removed for WA residents who		T. a. a.	(m
	Death City	Death Location City Name	Character; Max Length = 52	death_city_name	Literal
22	Death County  Death County City WA  Code  Discontinued for 2022  forward.	Death Location County  Death Location WA County City Code  County and City of Occurrence City in which the death occurred. If the death occurred in Washington State, this field will be greater than "0000" or less than "9999"  If a death occurs in a place with a population less than 2,500, it is assigned to the rural portion of the	Character; Max Length = 112 Character; Max Length = 4; See WA County City Codes Spreadsheet	city_occ	See WA County City Codes Spreadsheet
		county.  Note: Use this field to select deaths occurring in a specific county or city. See the County and City of Residence to select by place of residence. Before using this field, see "Death Statistical File Data Notes- City/County/State of Residence and Occurrence."			

23 Death County WA Code	Death Location WA County Code	Character; Max Length = 2; See WA County City	cnty_occ	See WA County City Codes Spreadsh
Discontinued for 2022	·	Codes Spreadsheet	·=	
forward.	County of Occurrence City in which the			
	death occurred. If the death occurred			
	in Washington State, this field will be			
	greater than "00" or less than "99"			
	greater than 00 or less than 99			
	If a death occurs in a place with a			
	population less than 2,500, it is			
	assigned to the rural portion of the			
	county.			
	Note: Use this field to select			
	deaths occurring in a specific			
	county. See the County and City of			
	Residence to select by place of			
	residence. Before using this field, see			
	"Death Statistical File Data Notes-			
	City/County/State of Residence and			
	Occurrence."			
	Occurrence.			
24 Death City FIPS Code	Death City FIPS Code	Character; Max Length = 5; See FIPS Codes		
24 Death City FIPS Code				
	Added starting with 2022 data	Spreadsheet		
25 Death County FIPS Code	Death County FIPS code	Character; Max Length = 5; First 2 digits is the		
1	Added starting with 2022 data	state, See FIPS Code Spreadsheet		
1				
26 Death State	Death Location State Name	Character; Max Length = 112		
			ain and	vvvvv
27 Death Zip Code	Zip Code of Death Occurrence	Character; Max Length = 10	zip_occ	XXXXX
	1	XXXXX-XXXX	-	
28 Place of Death Type	Facility Type for Place of Death	Numeric; Max Length = 1	fac_type	***2004-2015***
		0 = Home		0 – Home
		1 = Other Place		1 – Other
		2 = In Transport		2 – Dead on Arrival
		3 = Emergency Room		3 – Emergency Room
		4 = Hospital (Inpatient)		4 – Hospital Inpatient
		5 = Nursing Home/Long Term Care		5 – Nursing Home
		6 = Hospital		6 – Hospital
		1		1
		7 = Hospice Facility		7 – Hospice
		8 = Other Person's Residence		9 - Unknown
		9 = Unknown		
				***1980-2003***
				0 - Home
				0 - Home 1 - Other Place
				0 - Home
				0 - Home 1 - Other Place 2 - In Transport
				0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room
				0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital
				0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice
				0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital
				0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice
				0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown
29 Death Facility	Facility or Institution of Death Code	Character; Max Length = 3; See Facility Codes	facility	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice
·		Character; Max Length = 3; See Facility Codes Spreadsheet	facility	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet
29 Death Facility 30 Armed Forces	Facility or Institution of Death Code  Decedent ever served in Armed		facility	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown
·		Spreadsheet		0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet
·	Decedent ever served in Armed	Spreadsheet Character; Max Length = 1 Y = Yes		0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes
·	Decedent ever served in Armed	Spreadsheet  Character; Max Length = 1 Y = Yes N = No		0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet Character; Max Length = 1 Y = Yes N = No U = Unknown	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated
·	Decedent ever served in Armed	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1		0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015***
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet Character; Max Length = 1 Y = Yes N = No U = Unknown Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ****july 2007-2015*** 1 - Never married 2 - Married 3 - Divorced
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married M = Married D = Divorced W = Widowed	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice) 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married M = Married D = Divorced W = Widowed	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice) 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice) 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007***
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice) 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***july 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice) 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice) 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***uly 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married 3 - Divorced
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice) 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice) 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***july 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice) 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***july 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 9 - Unknown  ***1980-2003***
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 9 - Unknown  ***1980-2003*** 1 - Single
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice) 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married 9 - Unknown  ***1980-2003*** 1 - Single 2 - Married
30 Armed Forces	Decedent ever served in Armed Forces?	Spreadsheet  Character; Max Length = 1 Y = Yes N = No U = Unknown  Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated	armforce	0 - Home 1 - Other Place 2 - In Transport 3 - Emergency Room 4 - Hospital 5 - Nursing Home (includes hospice 9 - Unknown  See Facility Codes Spreadsheet  ***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated  ***July 2007-2015*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 6 - Domestic Partner 9 - Unknown  ***2004-June 2007*** 1 - Never married 2 - Married 3 - Divorced 4 - Widowed 5 - Separated 9 - Unknown  ***1980-2003*** 1 - Single

					CLH 31110
32	Education	Decedent's Education Level	Numeric; Max Length = 1  1 = 8th grade or less  2 = No diploma 9th - 12th grade  3 = High school graduate or GED completed  4 = Some college credit but no degree  5 = Associate degree  6 = Bachelors degree  7 = Masters degree  8 = Doctorate or professional degree  9 = Unknown	educ	***2004-2015***  01 – 8th grade or less  02 – 9th-12th grade, no diploma  03 – High school graduate or GED  04 – Some college, no degree  05 – Associate degree  06 – Bachelor's degree  08 – Doctorate or Professional degree  09 – Unknown (09 or 99)  ***1992-2003***  000 - No Education  001 - Completed first grade  002 - Completed second grade  003 - Completed fourth grade  004 - Completed firth grade  005 - Completed firth grade  006 - Completed seventh grade  007 - Completed seventh grade  007 - Completed eighth grade  007 - Completed eighth grade  010 - Completed leyenth grade  010 - Completed leyenth grade  011 - Completed eighth grade  012 - High school graduate  013 - Completed 1 year of college  014 - Completed 2 years of college  015 - Completed 3 years of college  016 - College graduate  017 - Post graduate work  099 - Unknown/Not stated (note that  SAS program changes these
33	Education 8 or Less	Decedent's Education Years If 8 <sup>th</sup> Grade or Less	Numeric; Max Length = 1 0 = No Education or less than 1st grade 1 = Completed 1st grade 2 = Completed 3rd grade 3 = Completed 3rd grade 4 = Completed 4th grade 5 = Completed 5th grade 6 = Completed 6th grade 7 = Completed 7th grade 8 = Completed 8th grade 9 = Unknown	edu_le8	Decedent's Years of Education if highest education level (educ) is 8th grade or less.  ***2004-2015***  0 - No education  1.8 - 1st - 8th grades  9 - Unknown  ***1980-2003***  Not Collected
34	Occupation	Occupation - Literal	Character; Max Length = 160	occ_lit	Literal
	Occupation Milham Discontinued for 2019 forward.	Usual Occupation - Milham's Code  Sam Milham occupation codes are obtained from a computer program which uses the occupation and industrial literal fields. This program coded about 95% of the records; the remaining 5% need to be hand coded. The hand coding has not been done for 1993-1996 and for a portion of the 1992 records. For further information please see the "Death Statistical File Data Notes Occupation (Milham and Federal Codes) and Industry (Federal Codes)."	Character; Max Length = 3; See Milham Code Spreadsheet	occ_sam	See Milham Codes Spreadsheet
36	Industry	Industry - Literal	Character; Max Length = 200	ind_lit	Literal
37	Informant Relationship	Informant Relationship	Character; Max Length = 120	informrl	Literal
38	Race White	Decedent's Race, White	Character; Max Length = 1 Y = Yes N = No U = Unknown	race_wht	***2004-2015*** Y = Yes N = No U = Unknown
39	Race Black	Decedent's Race, Black	Character; Max Length = 1 Y = Yes N = No U = Unknown	race_blk	***2004-2015*** Y = Yes N = No U = Unknown
40	Race Amer Indian Alaskan	Decedent's Race, American Indian/Alaska Native	Character; Max Length = 1 Y = Yes N = No U = Unknown	race_ami	***2004-2015*** Y = Yes N = No U = Unknown
41	Race Asian Indian	Decedent's Race, Asian Indian	Character; Max Length = 1 Y = Yes N = No U = Unknown	race_asi	***2004-2015*** Y = Yes N = No U = Unknown

42 Race Chinese	Decedent's Race, Chinese	Character; Max Length = 1	race_chi	***2004-2015***
		Y = Yes		Y = Yes
		N = No		N = No
		U = Unknown		U = Unknown

					CLITATI
43	Race Filipino	Decedent's Race, Filipino	Character; Max Length = 1 Y = Yes	race_fil	***2004-2015*** Y = Yes
			N = No		N = No
44	Race Japanese	Decedent's Race, Japanese	U = Unknown Character; Max Length = 1	race_jap	U = Unknown ***2004-2015***
	nade sapanese	becedent 5 nace, supunese	Y = Yes	1000_00	Y = Yes
			N = No U = Unknown		N = No U = Unknown
45	Race Korean	Decedent's Race, Korean	Character; Max Length = 1	race_kor	***2004-2015***
			Y = Yes N = No		Y = Yes N = No
			U = Unknown		U = Unknown
46	Race Vietnamese	Decedent's Race, Vietnamese	Character; Max Length = 1 Y = Yes	race_vie	***2004-2015*** Y = Yes
			N = No		N = No
47	Race Other Asian	Decedent's Race, Other Asian	U = Unknown Character; Max Length = 1	race_oas	U = Unknown ***2004-2015***
			Y = Yes		Y = Yes
			N = No U = Unknown		N = No U = Unknown
48	Race Hawaiian	Decedent's Race, Native Hawaiian	Character; Max Length = 1	race_haw	***2004-2015***
			Y = Yes N = No		Y = Yes N = No
			U = Unknown		U = Unknown
	Race Guamanian or Chamorro	Decedent's Race, Guamanian or Chamorro	Character; Max Length = 1 Y = Yes	race_gua	***2004-2015*** Y = Yes
	chamono		N = No		N = No
50	Race Samoan	Decedent's Race, Samoan	U = Unknown Character; Max Length = 1	race_sam	U = Unknown ***2004-2015***
30	Nace Samoan	Decedent 3 Nace, Jamoan	Y = Yes	race_sam	Y = Yes
			N = No U = Unknown		N = No U = Unknown
51	Race Other Pacific Islander	Decedent's Race, Other Pacific Islander	Character; Max Length = 1	race_opi	***2004-2015***
			Y = Yes N = No		Y = Yes N = No
			U = Unknown		U = Unknown
52	Race Other	Decedent's Race, Other	Character; Max Length = 1 Y = Yes	race_oth	***2004-2015*** Y = Yes
			N = No		N = No
53	Race Tribe First	Decedent's Race Literal 1, American	U = Unknown Character; Max Length = 30	race_tribe_lit_1	U = Unknown Literal
		Indian/Alaska Native	· -		
54	Race Tribe Second	Decedent's Race Literal 2, American Indian/Alaska Native	Character; Max Length = 30	race_tribe_lit_2	Literal
55	Race Other Asian First	Decedent's Race Literal 1, Other Asian	Character; Max Length = 30	race_other_asian_lit_1	Literal
56	Race Other Asian Second	Decedent's Race Literal 2, Other Asian	Character; Max Length = 30	race_other_asian_lit_2	Literal
57	Race Other PI First	Decedent's Race Literal 1, Other Pacific Islander	Character; Max Length = 30	race_oth_pac_isl_lit_1	Literal
58	Race Other PI Second	Decedent's Race Literal 2, Other Pacific Islander	Character; Max Length = 30	race_oth_pac_isl_lit_2	Literal
59	Race Other First	Decedent's Race Literal 1, Other	Character; Max Length = 30	race_other_lit_1	Literal
60	Race Other Second	Decedent's Race Literal 2, Other	Character; Max Length = 30	race_other_lit_2	Literal
	Bridge Race Discontinued for 2022	Decedent's NCHS Bridged Race	Character; Max Length = 2	brg_race	Same as current
	forward.	Based on all races reported (with	Note: for the race codes below, AIAN =		
		editing to remove duplicate race groups) and allows for multiple-race	American Indian/Alaska Native		
		reporting. The NCHS bridged race	Single race specified		
		variable bridges multiple-race reporting back to one of four race	<del>01 – White</del> <del>02 – Black</del>		
		categories (White, Black, American	03 AIAN		
		Indian/Alaska Native, and Asian/Pacific Islander) and includes single race	04 – Asian Indian 05 – Chinese		
		reporting. This variable allows	06 - Filipino		
		estimation of race-specific statistics	<del>07 - Japanese</del>		
		based on the four race categories used in the 1977 OMB standards of four	<del>08 - Korean</del> <del>09 - Vietnamese</del>		
		race categories. Many national health	10 – Other Asian		
		statistics, including birth and death, continue to be reported using the	11 — Native Hawaiian 12 — Guamanian or Chamorro		
		1977 OMB standards.	<del>13 - Samoan</del>		
			14 — Other Pacific Islander 15 — Other		
			Bridged multiple specified race		
			21White		

					CLH 31110
62	Race Summary Code	Decedent's Race Summary	Character; Max Length = 2 10 = White 11 = Black 12 = American Indian/Alaska Native 13 = Asian 14 = Native Hawaiian or Pacific Islander 20 = White and Black 21 = White and American Indian/Alaska Native 22 = White and Asian 23 = White and Asian 23 = White and Native Hawaiian or Pacific Islander 24 = Black and American Indian/Alaska Native 25 = Black and Asian 26 = Black and Native Hawaiian or Pacific Islander 27 = American Indian/Alaska Native and Asian 28 = American Indian/Alaska Native and Native Hawaiian or Pacific Islander 29 = Asian and Native Hawaiian or Pacific Islander 30 = White and Black and American Indian/Alaska Native 31 = White and Black and American Indian/Alaska Native 31 = White and Black and Native Hawaiian or Pacific Islander 33 = White and American Indian/Alaska Native and Asian 34 = White and American Indian/Alaska Native and Asian 35 = White and Asian and Native Hawaiian or Pacific Islander 35 = White and Asian and Native Hawaiian or Pacific Islander	sum_race	Same as current
63	Race Calculation Discontinued for 2022 forward.	Decedent's Race Caluclation: Uses race assigned by NCHS bridging methods (see Data Quality Technical Notes for description).	Character; Max Length = 1 1—White 2—Black 3—Native American 4—Chinese 5—Japanese 6—Other Non-White 7—Illipino 8—Refused to State 9—Unknown/Not Stated A—Hawaiian B—Other Asian/Pacific Islander C—Mexican/Chicano/Hispanic D—Asian-Indian E—Korean F—Samoan G—Vietnamese H—Guamanian Blank—Not processed by NCHS	race	***2004 2015*** Uses race assigned by NCHS bridging methods (see Death Statistical File Data Notes for description). Coding same as in previous years, plus: Blank — Not processed by NCHS  ***1902 2003*** 1 — White 2 — Black 3 — Native American 4 — Chinese 5 — Japanese 6 — Other Non White 7 — Filipino 8 — Refused to State 9 — Unknown/Not Stated A — Hawaiian B — Other Asian/Pacific Islander C — Mexican/Chicano/Hispanic D — Asian E — Korean F — Samoan G — Vietnamese H — Guamanian/Chamorro  ***1988-1991*** 1 — White 2 — Black 3 — Native American/Alaska Native 4 — Chinese 5 — Japanese 6 — Other Non - White
64	Hispanic No	Decedent's Hispanic Origin, Not Hispanic	Character; Max Length = 1 Y = Yes N = No U = Unknown	hisp_no	***2004-2015*** Y = Yes N = No U = Unknown
65	Hispanic Mexican	Decedent's Hispanic Origin, Mexican	Character; Max Length = 1 H = Yes N = No U = Unknown	hisp_mex	***2004-2015*** Y = Yes N = No U = Unknown
66	Hispanic Puerto Rican	Decedent's Hispanic Origin, Puerto Rican	Character; Max Length = 1 H = Yes N = No U = Unknown	hisp_pr	***2004-2015*** Y = Yes N = No U = Unknown
67	Hispanic Cuban	Decedent's Hispanic Origin, Cuban	Character; Max Length = 1 H = Yes N = No U = Unknown	hisp_cub	***2004-2015*** Y = Yes N = No U = Unknown

ſ	68 Hispanic Ot	her Decedent's Hispanic Ori	gin, Other Character; Max Length =	1 hisp_oth	***2004-2015***
		Hispanic	H = Yes		Y = Yes
			N = No		N = No
1			U = Unknown		U = Unknown

					CLU 2111
6	Hispanic NCHS Bridge	NCHS Bridge Ethnicity  Uses Hispanic ethnicity assigned by  NCHS bridging methods (see Death  Statistical File Data Notes for  description). Coding same as in  previous years, plus:  Blank – Not processed by NCHS	Numeric; Max Length = 1 0 - Non-Hispanic 1 - Mexican 2 - Puerto Rican 3 - Cuban 4 - Central or South American 5 - Other and Unknown Hispanic 9 - Unknown/Not Stated Blank – Not processed by NCHS	hisp	***2004-2016*** Uses Hispanic ethnicity assigned by NCHS bridging methods (see Death Statistical File Data Notes for description). Coding same as in previous years, plus: Blank – Not processed by NCHS  ***1996-2003***  0 - Non-Hispanic  1 - Mexican  2 - Puerto Rican  3 - Cuban  4 - Central or South American  5 - Other and Unknown Hispanic  9 - Unknown/Not Stated  ***1988-1995***  0 - Non-Hispanic  1 - Mexican  2 - Puerto Rican  3 - Cuban  4 - Central or South American  5 - Other Hispanic  1 - Mexican  2 - Puerto Rican  3 - Cuban  4 - Central or South American  5 - Other Hispanic  6 - Unknown Hispanic  9 - Unknown/Not Stated  ***1980-1987***  Blank Field
7	Residence City	Decedent's Residence City Name	Character; Max Length = 112		
7	1 Residence City FIPS Code	Decedent's Residence City FIPS Code	Character; Max Length = 5; See FIPS Codes Spreadsheet		
7.	Residence City Limits	Decedent's Residence Inside City Limits	Character; Max Length = 1 Y=Yes N=No U=Unknown	incity	***1992-2015*** N - No Y - Yes U - Unknown/Not Stated  ***1980-1991*** Blank Field
7.	Residence County	Decedent's Residence County Name	Character; Max Length = 112	res_cnty_literal	Literal
7.	4 Residence County City WA Code Discontinued for 2022 forward.	Decedent's Residence County City Code  County and City of Residence. If the residence is in Washington State, this field will be greater than "0000" or less than "9999."  If the place of residence has a population less than 2,500, it is assigned to the rural portion of the county.  Note: Use this field to select deaths for residents in a specific county or city. See the County and City of Occurrence to select by place of occurrence. Before using this field, see "Death Statistical File Data Notes City/County/State of Residence and Occurrence."	Character; Max Length = 4; See WA County City Codes Spreadsheet	eity_res	See WA County City Codes Spreadsheet

The second secon				
75 Residence County WA Code	Decedent's Residence County Code	Character; Max Length = 2; See WA County City	<del>cnty_res</del>	See WA County City Codes Spread
Discontinued for 2022		Codes Spreadsheet		
forward.	County of Residence. If the residence	·		
ioi wara.	is in Washington State, this field			
	will be greater than "00" or less			
	than "99."			
	If the place of residence has a			
	l · · · · ·			
	population less than 2,500, it is			
	assigned to the rural portion of the			
	county.			
	Note: Use this field to select			
	deaths for residents in a specific			
	county. See the County and City of			
	Occurrence to select by place of			
	occurrence. Before using this field, see			
	"Death Statistical File Data Notes-			
	City/County/State of Residence and			
	Occurrence."			
1	1			
76 Posidoneo County FIRS	Pacidones County FIRE ands	Character: May Longth - F. First 2 digits :- +b -		Soo WA FIRE Codes Careadal
76 Residence County FIPS	Residence County FIPS code	Character; Max Length = 5; First 2 digits is the		See WA FIPS Codes Spreadsheet
Code		state, See FIPS Code Spreadsheet		
77 Residence State FIPS Code	Decedent's Residence State FIPS Code	Character; Max Length = 2		
		AL - Alabama		
		AK - Alaska		
		AZ - Arizona		
		AR - Arkansas		
		CA - California		
		CO - Colorado		
		CT - Connecticut		
		DE - Delaware		
		DC - District of Columbia		
		FL - Florida		
		GA - Georgia		
		HI - Hawaii		
		ID - Idaho		
		IL - Illinois		
		IN - Indiana		
		IA - Iowa		
		KS - Kansas		
		KY - Kentucky		
	1			
		LA - Louisiana		
1	1	ME - Maine		I
1	1	MD - Maryland		Í
	1	MA - Massachusetts		
1	1	MI - Michigan		Í
1	1	MN - Minnesota		I
1	1	MS - Mississippi		I
		MO - Missouri		
		MT - Montana		
		NE - Nebraska		
1	1	NV - Nevada		I
1	1	NH - New Hampshire		I
1	1			Í
1	1	NJ - New Jersey		I
1	1	NM - New Mexico		I
1				
78 Residence Zip Code	Decedent's ZIP Code of Residence	Character; Max Length = 5	zipcode	***1989-2015***
1	based on decident resident address.	XXXXX		99999 - Unknown/Not Stated
1	1			,
1	1			***1980-1988**
1	1			
				Blank Field
	Decedent's Residence Tribal	Numeric; Max Length = 3; See Reservation	res_trbc	See Tribal Reservation Codes
79 Res Tribal Reservation Code	<del>Decedent's Residence Hibai</del>	Numeric, Max Length - 3, See Reservation	163_666	See Tribui Neservation codes
		Codes Spreadsheet	163_4 86	See Middi Nesel valion codes
79 Res Tribal Reservation Code Discontinued starting with 2020 data.			res_duc	See man reservation codes

					CLH 31
80	Residence Length Units	Length of Residence, Unit Type	Character; Max Length = 1	resunit	***Blank beginning in 2004***
			Y = Years	res_lena	Replaced by new field at end of file:
			M = Months		res_lena
			D = Days		_
			H = Hours		***1992-2003***
			N = Minutes		0 - Years 1 to 99
			U = Unknown		1 - Years 100 or more
			0 - Olikilowii		2 - Months
					3 - Weeks
					4 - Days
					5 - Hours
					6 - Minutes
					9 - Unknown/Not Stated
					res_lena
					***1992-2015***
					0 - Years 1 to 99
					1 - Years 100 or more
					2 - Months
					3 - Weeks
					4 - Days
					5 - Hours
					6 - Minutes
					o Williates
81	Residence Length	Number of residence length units	Numeric; Max Length = 3; 999=Unknown	resunum	***Blank beginning in 2004***
	1			res_auni	Replaced by new field at end of file:
				1 = -	res_auni
				1	
				1	***1992-2003***
				1	
				1	Range of correct values are:
				1	01-99 - Years 1 to 99
				1	00-99 - Years 100 or more
					01-11 - Months
					01-03 - Weeks
					01-31 - Days
					01-23 - Hours
					01-59 - Minutes
					99 - Unknown/Not Stated*
					*Note: Length of residence is unkno
					if resunit=9 and resunum=99.
					***1980-1991***
					99 - Not Collected
					res_auni
					01-99 - Years 1 to 99
					00-99 - Years 100 or more
					01-11 - Months
					01-03 - Weeks
					01-31 - Days
					01-23 - Hours
					01-59 - Minutes
					99 - Unknown/Not Stated*
					*Note: Length of residence is unknown
					if resunit=9 and resunum=99.
					if resunit=9 and resunum=99.
82	Funeral Home Name	Funeral Home Name	Character; Max Length = 512	funeral home name	
	Pruneral Home Name Disposition	Funeral Home Name Disposition Type	Character; Max Length = 512 Character; Max Length = 1	funeral_home_name disptype	if resunit=9 and resunum=99.  Literal  ***2004-2015***
	2 Funeral Home Name 3 Disposition	Funeral Home Name Disposition Type	Character; Max Length = 512 Character; Max Length = 1 B = Burial	funeral_home_name disptype	Literal
			Character; Max Length = 1 B = Burial		Literal ***2004-2015*** 1 – Burial
			Character; Max Length = 1 B = Burial C = Cremation		Literal  ***2004-2015***  1 – Burial  2 – Cremation
			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State
			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)
			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered
			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment
			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other
			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment
			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown
			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown  ***1980-2003***
			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown
			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown  ***1980-2003***
			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown  ***1980-2003***  1 - Burial  2 - Cremation
			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown  ***1980-2003***  1 - Burial  2 - Cremation  3 - Removal
			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown  ***1980-2003***  1 - Burial  2 - Cremation  3 - Removal  4 - Medical Research
			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown  ***1980-2003***  1 - Burial  2 - Cremation  3 - Removal  4 - Medical Research  5 - Body Not Recovered
83	Disposition	Disposition Type	Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered U = Unknown	disptype	Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown  ***1980-2003***  1 - Burial  2 - Cremation  3 - Removal  4 - Medical Research  5 - Body Not Recovered  9 - Unknown
83			Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered U = Unknown		Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown  ***1980-2003***  1 - Burial  2 - Cremation  3 - Removal  4 - Medical Research  5 - Body Not Recovered  9 - Unknown  ***1985-2015***
83	Disposition	Disposition Type	Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered U = Unknown	disptype	Literal  ***2004-2015***  1 – Burial 2 – Cremation 3 – Removal from State 4 – Donation (medical research) 5 – Body Not Recovered 6 – Entombment 7 – Other 9 - Unknown  ***1980-2003*** 1 - Burial 2 - Cremation 3 - Removal 4 - Medical Research 5 - Body Not Recovered 9 - Unknown  ***1985-2015*** YYYYMMDD
83	Disposition	Disposition Type	Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered U = Unknown	disptype	Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown  ***1980-2003***  1 - Burial  2 - Cremation  3 - Removal  4 - Medical Research  5 - Body Not Recovered  9 - Unknown  ***1985-2015***
83	Disposition	Disposition Type	Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered U = Unknown	disptype	Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown  ***1980-2003***  1 - Burial  2 - Cremation  3 - Removal  4 - Medical Research  5 - Body Not Recovered  9 - Unknown  ***1985-2015***  YYYYMMDD  99999999 - Unknown/Not Stated
83	Disposition	Disposition Type	Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered U = Unknown	disptype	Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown  ***1980-2003***  1 - Burial  2 - Cremation  3 - Removal  4 - Medical Research  5 - Body Not Recovered  9 - Unknown  ***1985-2015***  YYYYMMDD  99999999 - Unknown/Not Stated  ***1980-1984***
83	Disposition	Disposition Type  Disposition Date	Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered U = Unknown  Date; Max Length = 10 MM/DD/YYYY	disptype	Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown  ***1980-2003***  1 - Burial  2 - Cremation  3 - Removal  4 - Medical Research  5 - Body Not Recovered  9 - Unknown  ***1985-2015***  YYYYMMDD  99999999 - Unknown/Not Stated
83	Disposition	Disposition Type	Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered U = Unknown	disptype	Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown  ***1980-2003***  1 - Burial  2 - Cremation  3 - Removal  4 - Medical Research  5 - Body Not Recovered  9 - Unknown  ***1985-2015***  YYYYMMDD  99999999 - Unknown/Not Stated  ***1980-1984***
84	Disposition	Disposition Type  Disposition Date	Character; Max Length = 1 B = Burial C = Cremation R = Removal from State D = Donation/Medical Research E = Entombment O = Other N = Body not recovered U = Unknown  Date; Max Length = 10 MM/DD/YYYY  Numeric; Max Lenth = 2	disptype	Literal  ***2004-2015***  1 – Burial  2 – Cremation  3 – Removal from State  4 – Donation (medical research)  5 – Body Not Recovered  6 – Entombment  7 – Other  9 - Unknown  ***1980-2003***  1 - Burial  2 - Cremation  3 - Removal  4 - Medical Research  5 - Body Not Recovered  9 - Unknown  ***1985-2015***  YYYYMMDD  99999999 - Unknown/Not Stated  ***1980-1984***

ſ	87 Disposition Date - Year	Disposition Date - Year	Numeric; Max Lenth = 4	
-	·	1 '	9999 = Unknown	

					CLH 3111
88	Disposition Place Name	Place of Disposition Name	Character; Max Length = 64	disp_place_name_old (a30) OR disp_place_name (a50)	Literal
89	Certifier Designation	Classification of Certifier of Death	Numeric; Max Length = 1 1 = Physician 2 = Coroner/ME 3 = DO 4 = Chiropractor 5 = Sanipractor 6 = Physician Assistant 7 = ARNP 8 = Not Applicable 9 = Unknown	attclass	***1998-2015*** 01 - Physician, MD 02 - Coroner/Pathologist 03 - Osteopath, DO 04 - Chiropractor 05 - Sanipractor 06 - Physician's Assistant 07 - Nurse Practitioner 09 - Other  ***1980-1997*** 01 - Physician, MD 02 - Coroner/Pathologist 03 - Osteopath, DO 04 - Chiropractor
90	ME Coroner Referred	Death Referred to the Medical Examiner/Coroner	Character; Max Length = 1 Y = Yes N = No	referred	05 – Sanipractor 09 - Other ***1980-2015*** 1 - Yes 2 - Not
91	ACME Line 1	TRX Entity-axis codes, ACME line 1	U = Unknown Character; Max Length = 1		9 - Unknown/Not Stated Literal
	ACME Line 2	TRX Entity-axis codes, ACME line 2	Character; Max Length = 1		Literal
	ACME Line 3	TRX Entity-axis codes, ACME line 3	Character; Max Length = 1		Literal
	ACME Line 3	TRX Entity-axis codes, ACME line 3	Character; Max Length = 1  Character; Max Length = 1		Literal
		·	Character; Max Length = 1		
	ACME Line 5	TRX Entity-axis codes, ACME line 5	, ,		Literal
	ACME Line 6	TRX Entity-axis codes, ACME line 6	Character; Max Length = 1		Literal
	ACME Line 7	TRX Entity-axis codes, ACME line 7	Character; Max Length = 1		Literal
	ACME Line 8	TRX Entity-axis codes, ACME line 8	Character; Max Length = 1		Literal
99	ACME Line 9	TRX Entity-axis codes, ACME line 9	Character; Max Length = 1		Literal
100	ACME Line 10	TRX Entity-axis codes, ACME line 10	Character; Max Length = 1		Literal
101	ACME Line 11	TRX Entity-axis codes, ACME line 11	Character; Max Length = 1		Literal
102	ACME Line 12	TRX Entity-axis codes, ACME line 12	Character; Max Length = 1		Literal
103	ACME Line 13	TRX Entity-axis codes, ACME line 13	Character; Max Length = 1		Literal
104	ACME Line 14	TRX Entity-axis codes, ACME line 14	Character; Max Length = 1		Literal
105	ACME Line 15	TRX Entity-axis codes, ACME line 15	Character; Max Length = 1		Literal
106	ACME Line 16	TRX Entity-axis codes, ACME line 16	Character; Max Length = 1		Literal
107	ACME Line 17	TRX Entity-axis codes, ACME line 17	Character; Max Length = 1		Literal
108	ACME Line 18	TRX Entity-axis codes, ACME line 18	Character; Max Length = 1		Literal
109	ACME Line 19	TRX Entity-axis codes, ACME line 19	Character; Max Length = 1		Literal
110	ACME Line 20	TRX Entity-axis codes, ACME line 20	Character; Max Length = 1		Literal
111	ACME Sequence 1	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal
112	ACME Sequence 2	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal
113	ACME Sequence 3	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal
114	ACME Sequence 4	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal
115	ACME Sequence 5	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal
116	ACME Sequence 6	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal
117	ACME Sequence 7	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal
118	ACME Sequence 8	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal
119	ACME Sequence 9	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal
120	ACME Sequence 10	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal
121	ACME Sequence 11	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal
122	ACME Sequence 12	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal

				CLITATIO	,
123	ACME Sequence 13	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1	Literal	
		13			

					CLH 3111
124	ACME Sequence 14	TRX Entity-axis codes, ACME Seq Num 14	Character; Max Length = 1		Literal
125	ACME Sequence 15	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal
126	ACME Sequence 16	TRX Entity-axis codes, ACME Seq Num 16	Character; Max Length = 1		Literal
127	ACME Sequence 17	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal
128	ACME Sequence 18	TRX Entity-axis codes, ACME Seq Num 18	Character; Max Length = 1		Literal
129	ACME Sequence 19	TRX Entity-axis codes, ACME Seq Num	Character; Max Length = 1		Literal
130	ACME Sequence 20	TRX Entity-axis codes, ACME Seq Num 20	Character; Max Length = 1		Literal
131	ACME Cause Category 1	TRX Entity-axis codes, Cause Category 1	Character; Max Length = 5		Literal
132	ACME Cause Category 2	TRX Entity-axis codes, Cause Category 2	Character; Max Length = 5		Literal
133	ACME Cause Category 3	TRX Entity-axis codes, Cause Category 3	Character; Max Length = 5		Literal
134	ACME Cause Category 4	TRX Entity-axis codes, Cause Category 4	Character; Max Length = 5		Literal
135	ACME Cause Category 5	TRX Entity-axis codes, Cause Category 5	Character; Max Length = 5		Literal
136	ACME Cause Category 6	TRX Entity-axis codes, Cause Category 6	Character; Max Length = 5		Literal
137	ACME Cause Category 7	TRX Entity-axis codes, Cause Category 7	Character; Max Length = 5		Literal
138	ACME Cause Category 8	TRX Entity-axis codes, Cause Category 8	Character; Max Length = 5		Literal
139	ACME Cause Category 9	TRX Entity-axis codes, Cause Category 9	Character; Max Length = 5		Literal
140	ACME Cause Category 10	TRX Entity-axis codes, Cause Category 10	Character; Max Length = 5		Literal
141	ACME Cause Category 11	TRX Entity-axis codes, Cause Category	Character; Max Length = 5		Literal
142	ACME Cause Category 12	TRX Entity-axis codes, Cause Category	Character; Max Length = 5		Literal
143	ACME Cause Category 13	TRX Entity-axis codes, Cause Category	Character; Max Length = 5		Literal
144	ACME Cause Category 14	TRX Entity-axis codes, Cause Category 14	Character; Max Length = 5		Literal
145	ACME Cause Category 15	TRX Entity-axis codes, Cause Category 15	Character; Max Length = 5		Literal
146	ACME Cause Category 16	TRX Entity-axis codes, Cause Category 16	Character; Max Length = 5		Literal
147	ACME Cause Category 17	TRX Entity-axis codes, Cause Category 17	Character; Max Length = 5		Literal
148	ACME Cause Category 18	TRX Entity-axis codes, Cause Category 18	Character; Max Length = 5		Literal
149	ACME Cause Category 19	TRX Entity-axis codes, Cause Category	Character; Max Length = 5		Literal
150	ACME Cause Category 20	TRX Entity-axis codes, Cause Category 20	Character; Max Length = 5		Literal
151	ACME Nature of Injury Flag	TRX Entity-axis codes, ACME Filler 1	Character; Max Length = 4	injflg1	Literal
152	ACME Nature of Injury Flag 2	TRX Entity-axis codes, ACME Filler 2	Character; Max Length = 1	injflg2	Literal
153	ACME Nature of Injury Flag	TRX Entity-axis codes, ACME Filler 3	Character; Max Length = 1	injflg3	Literal
154	ACME Nature of Injury Flag	TRX Entity-axis codes, ACME Filler 4	Character; Max Length = 1	injflg4	Literal
155	ACME Nature of Injury Flag 5	TRX Entity-axis codes, ACME Filler 5	Character; Max Length = 1	injflg5	Literal
156	ACME Nature of Injury Flag	TRX Entity-axis codes, ACME Filler 6	Character; Max Length = 1	injflg6	Literal
157	ACME Nature of Injury Flag 7	TRX Entity-axis codes, ACME Filler 7	Character; Max Length = 1	injflg7	Literal
158	ACME Nature of Injury Flag 8	TRX Entity-axis codes, ACME Filler 8	Character; Max Length = 1	injflg8	Literal
159	ACME Nature of Injury Flag	TRX Entity-axis codes, ACME Filler 9	Character; Max Length = 1	injflg9	Literal
160	ACME Nature of Injury Flag 10	TRX Entity-axis codes, ACME Filler 10	Character; Max Length = 1	injflg10	Literal
161	ACME Nature of Injury Flag	TRX Entity-axis codes, ACME Filler 11	Character; Max Length = 1	injflg11	Literal
162	ACME Nature of Injury Flag 12	TRX Entity-axis codes, ACME Filler 12	Character; Max Length = 1	injflg12	Literal
163	ACME Nature of Injury Flag	TRX Entity-axis codes, ACME Filler 13	Character; Max Length = 1	injflg13	Literal
164	ACME Nature of Injury Flag	TRX Entity-axis codes, ACME Filler 14	Character; Max Length = 1	injflg14	Literal
165	ACME Nature of Injury Flag 15	TRX Entity-axis codes, ACME Filler 15	Character; Max Length = 1	injflg15	Literal
	ACME Nature of Injury Flag	TRX Entity-axis codes, ACME Filler 16	Character; Max Length = 1	injflg16	Literal

DSA #: 2028-11-02

CLH 31110

167 ACME Nature of Injury Flag | TRX Entity-axis codes, ACME Filler 17 | Character; Max Length = 1 | injflg17 | Literal

					CLU 21110
168	ACME Nature of Injury Flag 18	TRX Entity-axis codes, ACME Filler 18	Character; Max Length = 1	injflg18	Literal
169	ACME Nature of Injury Flag 19	TRX Entity-axis codes, ACME Filler 19	Character; Max Length = 1	injflg19	Literal
170	ACME Nature of Injury Flag 20	TRX Entity-axis codes, ACME Filler 20	Character; Max Length = 1	injflg20	Literal
171	Underlying COD Code	Underlying Cause of Death  ***1999-Present*** For ICD-10 Codes see http://apps.who.int/classifications/icd 10/browse/2010/en. For those causes that do not have a fourth digit, the last digit in this field will be blank. The decimal point for the ICD-10 code is not included, but is implied between the 3rd and 4th digit of the value in this field. Before using this field, see documents in http://www.doh.wa.gov/DataandStati sticalReports/VitalStatisticsData/Death Data/ICD10ICD9CodingCauseofDeath. aspx and see "Death Statistical File Data Notes-Underlying Cause of Death." A list of ICD-10 codes can be found in"icd10.docx" in documentation. New ICD-10 codes for terrorism (U01-U03) were added in 2001.  ***1980-1998*** For ICD-9 Codes see http://www.cdc.gov/nchs/icd/icd9.ht m For those causes that do not have a fourth digit, the last digit in this field will be blank. The decimal point for the ICD-9 code is not included, but is implied between the 3rd and 4th digit of the value in this field. For example,	Character; Max Length = 4	underly	***1999-Present*** For ICD-10 Codes see http://apps.who.int/classifications/icd1 0/browse/2010/en. For those causes that do not have a fourth digit, the last digit in this field will be blank. The decimal point for the ICD- 10 code is not included, but is implied between the 3rd and 4th digit of the value in this field. Before using this field, see documents in http://www.doh.wa.gov/DataandStatist icalReports/VitalStatisticsData/DeathDa ta/ICD10ICD9CodingCauseofDeath.aspx and see "Death Statistical File Data Notes-Underlying Cause of Death." A list of ICD-10 codes can be found in"icd10.docx" in documentation. New ICD-10 codes for terrorism (U01-U03) were added in 2001.  ***1980-1998*** For ICD-9 Codes see http://www.cdc.gov/nchs/icd/icd9.htm For those causes that do not have a fourth digit, the last digit in this field will be blank. The decimal point for the ICD- 9 code is not included, but is implied between the 3rd and 4th digit of the value in this field. For example, a value of 052 (chicken pox) while a code of 0410 translates into 041.0 (Strep infection).
172	Record Axis Code 1	ICD Cause of Death Code (1st)	Character; Max Length = 4	mltcse1	Literal
173	Record Axis Code 2	ICD Cause of Death Code (2nd)	Character; Max Length = 4	mltcse2	Literal
174	Record Axis Code 3	ICD Cause of Death Code (3rd)	Character; Max Length = 4	mltcse3	Literal
175	Record Axis Code 4	ICD Cause of Death Code (4th)	Character; Max Length = 4	mltcse4	Literal
176	Record Axis Code 5	ICD Cause of Death Code (5th)	Character; Max Length = 4	mltcse5	Literal
177	Record Axis Code 6	ICD Cause of Death Code (6th)	Character; Max Length = 4	mltcse6	Literal
178	Record Axis Code 7	ICD Cause of Death Code (7th)	Character; Max Length = 4	mltcse7	Literal
179	Record Axis Code 8	ICD Cause of Death Code (8th)	Character; Max Length = 4	mltcse8	Literal
180	Record Axis Code 9	ICD Cause of Death Code (9th)	Character; Max Length = 4	mltcse9	Literal
181	Record Axis Code 10	ICD Cause of Death Code (10th)	Character; Max Length = 4	mltcse10	Literal
182	Record Axis Code 11	ICD Cause of Death Code (11th)	Character; Max Length = 4	mltcse11	Literal
183	Record Axis Code 12	ICD Cause of Death Code (12th)	Character; Max Length = 4	mltcse12	Literal
184	Record Axis Code 13	ICD Cause of Death Code (13th)	Character; Max Length = 4	mltcse13	Literal
185	Record Axis Code 14	ICD Cause of Death Code (14th)	Character; Max Length = 4	mltcse14	Literal
186	Record Axis Code 15	ICD Cause of Death Code (15th)	Character; Max Length = 4	mltcse15	Literal
	Record Axis Code 16	ICD Cause of Death Code (16th)	Character; Max Length = 4	mltcse16	Literal
188	Record Axis Code 17	ICD Cause of Death Code (17th)	Character; Max Length = 4	mltcse17	Literal
	Record Axis Code 18	ICD Cause of Death Code (18th)	Character; Max Length = 4	mltcse18	Literal
	Record Axis Code 19	ICD Cause of Death Code (19th)	Character; Max Length = 4	mltcse19	Literal
191	Record Axis Code 20	ICD Cause of Death Code (20th)	Character; Max Length = 4	mltcse20	Literal
192	Autopsy	Autopsy Indicates whether an autopsy was performed.	Character; Max Length = 1 Y = Yes autopsy performed N or X = No autopsy not performed U = Unknown	autopsy	***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Reported
193	Autopsy Available	Autopsy Available	Character; Max Length = 1 Y = Yes X = No	autopava	***2004-2015***  1 - Yes  2 - No  8 - Not reported  9 - Unknown  ***1980-2003*** Not collected.

					CFU 21110
194	Pregnancy	Pregnancy Status	Numeric; Max Length = 1 1 = Not pregnant within the past year 2 = Pregnant at the time of death 3 = Not pregnant, but pregnant within 42 days of death 4 = Not pregnant, but pregnant 43 days to 1 year before death 8 = No response 9 = Unknown if pregnant within the past year	pregstat	***2004-2015***  0 - Pregnancy status missing  1 - Not pregnant within 1 year  2 - Pregnant at death  3 - Not pregnant, but w/in 42 days  4 - Not pregnant, but 43 days to 1yr  8 - Not applicable  9 - Unknown  ***1980-2003***  Not Collected
195	Tobacco	Smoking Status	Character; Max Length = 4 Y = Yes N = No P = Probably U = Unknown	smoking tbcontri	smoking Indicates whether decedent smoked in last 15 years.  ***Blank beginning in 2004*** Replaced by new field at end of file: tbcontri  ***1988-2004*** 1 - Yes 2 - No 9 - Unknown/Not stated  ***1980-1987*** 0 - Not Collected tbcontri  ***2004-2015*** 1 - Yes 2 - No 7 - Probably 8 - Not reported 9 - Unknown
196	Manner	Reported Manner of Death	Character; Max Length = 1	rinj_caus	***1980-2003*** ***2006-2015***
130			N = Natural A = Accident S = Suicide H = Homicide C = Undetermined P = Pending	,	1 – Natural 2 – Accident 3 – Suicide 4 – Homicide 5 – Undetermined 6 – Pending
197	Date of Injury	Date of Injury - Provided through query process	Date: Max Length = 10; MM/DD/YYYY	inj_date	***1980-2015*** YYYYMMDD 99999999 - Unknown/Not Stated Blank - Not Applicable
198	Date of Injury - Month	Date of Injury - Month	Numeric; Max Lenth = 2 1-12; 99 = Unknown		
199	Date of Injury - Day	Date of Injury - Day	Numeric; Max Lenth = 2 1-31; 99 = Unknown		
200	Date of Injury - Year	Date of Injury - Year	Numeric; Max Lenth = 4 9999 = Unknown		
201	Injury Date Modifier	Date of Injury Modifier - Provided through query process	A = Actual X = Approximate C = Court Ordered E = Estimated F = Found P = Presumed U = Unknown		
202	Time of Injury - Hour	Time of Injury - Hour	Numeric; Max Length = 2 1-24; 99 = Unknown	inj_hour	
203	Time of Injury - Minutes	Time of Injury - Minutes	Character; Max Length = 2 00-59; Unknown = blank	inj_min	
204	Time of Injury Modifier	Time of Injury Modifier - Provided through query process	Character; Max Length = 1 A = Actual X = Approximate C = Court Ordered E = Estimated F = Found P = Presumed U = Unknown		
205	Injury Place	Place of Injury - Provided through query process	Character; Max Length = 50		
-		•			

					CLH 3111
206	Injury ACME Place	Place of Injury Type Code	Numeric; Max Length = 1 0 = Home 1 = Residential Institution 2 = School, other institution and public administrative area 3 = Sports and Athletics Area 4 = Street and Highway 5 = Trade and service area 6 = Industrial and construction areas 7 = Farm 8 = Other specified places 9 = Unspecified Place	injpnchs	***1999-2015***  0 – Home (Excludes: abandoned or derelict house (8), home under construction, but not yet occupied(6), institutional place of residence (1); Includes: about home, apartment, army camp, boarding house, cabin, caravan (trailer) park – residential, farm house, Hogan, home premises, home sidewalk, home swimming pool, house (residential), noninstitutional place of residence, penthouse, private driveway to home, private garge, private garden to home, private walk to home, private walk to home, private walk to home, private wall to home, residence, rooming house, swimming pool in private home or garden, trailer camp or court, yard (not otherwise specified), yard to home)  1 – Residential Institution (Includes: almshouse, army camp, children's home, dormitory fraternity house, home for the sick, hospice, institution (any type), jail, military (camp)(reservation), nurse's home, orphanage, penitentiary, pensioner's home, prison, prison camp, reform school, sorority house, state hospital)  2 – School, other institution and public administrative area(Excludes: building under construction (6), residential
207	Injury City	Place of Injury City - Provided through	Character; Max Length = 28	injury_city_name	Literal
208	Injury County City WA Code Discontinued for 2022	query process  Place of Injury County/City WA Code	Character; Max Length = 4; See WA County City Code Spreadsheet	<del>city_inj</del>	See WA County City Codes Spreadsheet
	forward.	County and City of External Injury If an external injury occurred in Washington State, this field will be greater than '0000' or less than '9999.' If the injury occurs in a place with a population less than 2,500, it is assigned to the rural portion of the county.  Before using this field, see "Death Statistical File Data Notes- City/County/State of Residence and Occurrence."			
	Injury County WA Code	Place of Injury County WA Code	Character; Max Length = 2; See WA County City	cnty_inj	See WA County City Codes Spreadsheet
	Discontinued for 2022 forward.	County of External Injury If an external injury occurred in Washington State, this field will be greater than '00' or less than '99.' If the injury occurs in a place with a population less than 2,500, it is assigned to the rural portion of the county.  Before using this field, see "Death Statistical File Data Notes- City/County/State of Residence and Occurrence."	Code Spreadsheet		
	Injury City FIPS Code	Injury City FIPS Code Added starting with 2022 data	Character; Max Length = 5; See FIPS Codes Spreadsheet		
	Injury County FIPS Code	Injury County FIPS code Added starting with 2022 data	Character; Max Length = 5; First 2 digits is the state, See FIPS Code Spreadsheet		
212	Injury County	Place of Injury County - Provided	Character; Max Length = 28	injury_county_name	Literal
		through query process			
	Injury State Injury Zip Code	Place of Injury State - Provided through query process  Place of Injury Zip Code	Character; Max Length = 28 Character; Max Length = 10		XXXXX

					CLH 312
215	Injury at Work	Injury at Work	Character; Max Length = 1 Y = Yes N = No U = Unknown	injatwrk	***1980-2015*** 0 - Not Applicable 1 - Yes 2 - No
					9 - Unknown
216	Injury Transportation	Transport Injury Role	Character; Max Length = 64 DRIVER/OPERATOR PASSENGER PEDESTRIAN OTHER	transinj	***2004-2015***  1 – Driver  2 – Passenger  3 – Pedestrian  4 – Other  8 – N/A  9 – Unknown  ***1980-2003***
					Not Collected.  ***1980-2015***
217	Date Received	County Receive Date	Date; Max Length = 10 MM/DD/YYYY	rcvdt	YYYYMMDD 9999999 - Unknown/Not Stated
218	Local File Number	County File Number File number assigned by county Health department. The file number is only unique within each county.	Character; Max Length = 20	cntyfile	Literal
219	Funeral Home Code	Funeral Home Code	Character; Max Length = 4 See Funeral Home Codes Spreadsheet	funeralc	Character; Max Length = 4 See Funeral Home Codes Spreadshee
220	Disposition Facility Code	Disposition Facility Code	Character; Max Length = 4; See Cemetery Codes Spreadsheet	disp_fac	Character; Max Length = 4; See Cemetery Codes Spreadsheet
221		Note: The flag fields below are o	only available in final annual data files.		sameter, codes apreduancer
222	All Drugs	Disease/injury flag Drug (total) overdose: underlying cause of death codes X40-X44, X60- X64, X85, Y10-Y14	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
223	Opioids	Disease/injury flag Opioid (unspecified) overdose: "Drug all" = 1 & multiple cause of death codes T40.0–T40.4	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
224	Heroin	Disease/injury flag Heroin overdose:"Drug all" = 1 & multiple cause of death code T40.1	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
225	Natural Semisynthetic Opioid	Disease/injury flag Natural and semisynthetic opioid overdose:"Drug all" = 1 & multiple cause code T40.2	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
226	Methadone	Disease/injury flag Methadone overdose: "Drug all" = 1 & multiple cause code T40.3	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
227	Synthetic Opioid	Disease/injury flag Synthetic opioid (including fentanyl, excluding methadone) overdose: "Drug all" = 1 & multiple cause code T40.4	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
228	Cocaine	Disease/injury flag Cocaine overdose: "Drug all" = 1 & multiple cause code T40.5	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
229	Prescription Opioid	Disease/injury flag Prescription drug overdose: "Drug all" = 1 & multiple cause code T40.2-T40.4	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
230	Psychostimulant	Disease/injury flag Psychostimulant overdose: "Drug all" = 1 & multiple cause code T43.6	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
231	Suicide All	Disease/injury flag Suicide - total: underlying cause codes U03, X60-X84, or Y87.0	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
	Suicide firearm	Disease/injury flag Suicide - by firearm: underlying cause codes X72-X74	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
	Suicide Asphyxia	Disease/injury flag Suicide - by asphyxia: underlying cause codes X70	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
	Suicide Poisoning	Disease/injury flag Suicide - by poisoning: underlying cause codes X60-X69	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
235	Suicide Other	Disease/injury flag Suicide - by other means: underlying cause codes U03, X60-69, X71, X75-84, Y87.0	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		

				CLH 3111
236	Firearm All	Disease/injury flag All firearm deaths: underlying cause codes W32-W34, X72-X74, X93-X95, Y22-Y24, Y35.0	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
237	Firearm Unintentional	Disease/injury flag Unintentional firearm deaths: underlying cause codes W32-W34	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
238	Firearm Homicide	Disease/injury flag Homicide with firearm: underlying cause codes X93-X95	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
239	Firearm Undetermined	Disease/injury flag Firearm deaths - undetermined intent : underlying cause codes Y22-Y24	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
240	Firearm Suicide	Disease/injury flag Unintentional firearm deaths: underlying cause codes X72-X74	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
241	Firearm Legal	Disease/injury flag Firearm deaths due to legal intervention: underlying cause codes Y35.0	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
242	Malignant Neoplasm	Disease/injury flag All malignant neoplasm deaths: underlying cause codes COO-C9	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
243	Heart Disease	Disease/injury flag Heart disease deaths: underlying cause codes 100-109, 111, 113, 120-151	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
244	Alzheimers	Disease/injury flag Alzheimers disease deaths: underlying cause code G30	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
245	Unintentional Injury	Disease/injury flag All unintentional injury deaths: underlying cause codes V01-X59, Y85-	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
246	Chronic Lower Respiratory	Disease/injury flag Chronic lower respiratory disease deaths: underlying cause codes J40-J4	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
247	Cerebrovascular Disease	Disease/injury flag Cerebrovascular disease deaths: underlying cause code 160-169	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
248	Diabetes	Disease/injury flag Diabetes mellitus deaths: underlying cause codes E10-E14	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
249	Chronic Liver Disease	Disease/injury flag Chronic liver disease and cirrhosis deaths: underlying cause codes K70, K73-K74	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
250	Influenza Pneumonia	Disease/injury flag Influenza and pneumonia deaths: underlying cause codes J09-J18	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
251	Parkinsons	Disease/injury flag Parkinsons disease deaths: underlying cause codes G20-G21	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
252	Essential Hypertension	Disease/injury flag Essential (primary) hypertension and hypertensive renal disease deaths: underlying cause code I10, I12, I15	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
253	Pneumonitis	Disease/injury flag Deaths from pneumonitis due to solids and liquids: underlying cause code J69	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
254	Homicide	Disease/injury flag Deaths from homicide: underlying cause code U01-U02, X85-Y09, Y87.1	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present	
	1			

#### Cause of Death Literals File

Center for Health Statistics, Washington State Department of Health CSV format

Field	Field Name	Description
Number		
1	State File Number	Death certificate number (use to link to other death files)
2	Cause of Death Line A	Text of cause of death line 34a
3	Cause of Death Line B	Text of cause of death line 34b
4	Cause of Death Line C	Text of cause of death line 34c
5	Cause of Death Line D	Text of cause of death line 34d
6	Interval Line A	Text of time interval between onset of 34a and death
7	Interval Line B	Text of time interval between onset of 34b and death
8	Interval Line C	Text of time interval between onset of 34c and death
9	Interval Line D	Text of time interval between onset of 34d and death
10	Conditions Part II	Text of other significant conditions contributing to death (line 35)
11	Injury Description	Text of description of how injury occurred (line 46)
12	Injury Place	Text of physical location of the place of injury (line 43)

# Washington State Department of Health Center for Health Statistics

## Public Data File Layout -- Available from 2009

(Available in Text (CSV) format )

Field		_		
Number	Variable	Type	Description	Comment
1	SEQ_NO	Chr	Sequence Number	Unique sequence number assigned to each record within a year. First four digits are the year of discharge.
2	REC_KEY	Chr	Record Key	Unique number assigned to each CHARS record. Added in 2003.
3	STAYTYPE	Chr	Type of Stay	1 = Inpatient 2 = Observation patient
				DOH assigned hospital number.  UNS= Unknown  Fourth pharmeter describes the Medicare contified unit turns with
				Fourth character describes the Medicare certified unit type with:  blank = acute care  R = Rehabilitation unit
4	HOSPITAL	Chr	Hospital Number	P = Psychiatric unit S = Swing bed unit
5	LINENO	Int	Number of Reported Revenue Items Codes	Number of Reported Revenue Items Codes for the discharge
				5 digit patient zip code
				99999 = the zip code is unknown, non-U.S. resident, or redacted.
				99998 = homelessness & no zip code provided (some unhomed patients may have a zip code for a shelter or
6	ZIPCODE	Chr	Patient's Zip Code	other temporary location).
				Estimated from the first 3 characters of ZIPCODE. These are provided for all WA resident zip codes that have
				> 20,000 discharges in a given quarter or year.
				111= Out of State Zip Code
	ZCTA	CI.	ZID C. I. T. I. I. C. A	000= Unknown/ Not Available
	ZCTA	Chr	ZIP Code Tabulation Areas	Available for some records beginning with 2017  2 character state abbreviation used by U.S. Postal Service.
				This is assigned from the zip code; (starting with 2023 discharges: some discharges have state of residence
				directly and do not need to be derrived from zipcode).
				Residents with zip code 99998 are assigned to Washington
				Blank/NA = invalid/unknown zip code or a non-U.S. residence.
7	STATERES	Chr	State of Residence	OOS = Out of state residence for a redacted zip code

Field				
Number	Variable	Туре	Description	Comment
				01 = Adams
				02 = Asotin 16 = Jefferson 30 = Skamania
				03 = Benton 17 = King 31 = Snohomish
				04 = Chelan $18 = Kitsap$ $32 = Spokane$
				05 = Clallam $19 = Kittitas$ $33 = Stevens$
				06 = Clark $20 = Klickitat$ $34 = Thurston$
				07 = Columbia 21 = Lewis 35 = Wahkiakum
				08 = Cowlitz 22 = Lincoln 36 = Walla Walla
				09 = Douglas $23 = Mason$ $37 = Whatcom$
				10 = Ferry 24 = Okanogan 38 = Whitman
				11 = Franklin 25 = Pacific 39 = Yakima
				12 = Garfield 26 = Pend Oreille 99 = Unknown (WA resident)
				13 = Grant $27 = Pierce$
				14 = Grays Harbor 28 = San Juan
				Blank/NA = Not a WA resident or unknown
8	COUNTYRES	Chr	County of Residence	*Assigned using zip code, when city/state not reported; prior to 2022 discharges, derived solely from zipcode.
				See International Organization of Standards (ISO) 3166-1 code list
9	COUNTRY	Chr	Country of Residence	http://www.iso.org/iso/country_codes
				Age in years at time of admission.
10	AGE	Int	Age in years	
				F = Female
				M = Male
11	SEX	Chr	Sex	U = Unknown
				Values range from 00-23 with 00=midnight
12	ADM_HR	Chr	Hour Patient Admitted for Care	Available for some records beginning in 2007.
13	DIS_DATE	Chr	Discharge Date	MM/YYYY
1.4	DIG TID	CI	H D C ( D) 1 1 C C	Values range from 00-23 with 00=midnight
14	DIS_HR	Chr	Hour Patient Discharged for Care	Available for some records beginning in 2007.
1.5	LENGTAND	T4	Landle of Charlin David	Computed as discharge date minus admission date minus leave of absence days (when leave of absence days
15	LENSTAYD	Int	Length of Stay in Days	applicable/available).
10	LENSTAYH	Nue	Langth of Stay in House	Length of stay in hours for discharges of 5 days or fewer.
16	LENSIAIH	Num	Length of Stay in Hours	Available for some records beginning in 2007.  1 = Emergency
				1 = Emergency 2 = Urgent
				2 = Orgent 3 = Elective
				4 = Newborn
			Priority (Type of Admission or Visit previously called [Type	
17	ADM_TYPE	Chr	of Admission]	5 = Trauma 9 = Information not available
1/	VDINI_I I LE	CIII		7 – Information not available
18	ADM_SRC	Chr	Point of Origin (effective 10./01/2007); previously called [Source of Admission]	See PointofOrigin Tab
10	ADM_SKC	CIII	[Source of Admission]	See I OHIOTOTIŞIII TAU

Field				
Number	Variable	Type	Description	Comment
19	STATUS	Chr	Discharge Status	See Status tab
20	CHARGES	Num	Total Charges	The total charges for the discharge record.
				The primary payer responsible for the bill. Categories are:
				001 = Medicare
				002 = Medicaid
				004 = Health Maintenance Organization (HMO)
				006 = Commercial insurance
				008 = Labor & Industries
				009 = Self-pay
				610 = Health Care Service Contractor
				625 = Other government sponsored patients
				630 = Charity care
21	PAYER1	Chr	Payer ID 1	999 = Information not reported or not available
22	PAYER2	Chr	Payer ID 2	The secondary payer responsible for the bill using the same codes as for Payer1.
				The secondary payer responsible for the bill using the same codes as for Payer1.
23	PAYER3	Chr	Payer ID 3	Available for some records beginning in 2007.
				Count of number of diagnosis codes reported.
24	DIAGCNT	Int	Count of number of diagnosis codes reported.	The full set of diagnosis codes can be obtained in the diagnosis file.
25	DIAG1	Chr	Principal diagnosis code reported.	Principal ICD-10cm diagnosis code used. (icd-9cm used, in applicable prior years)
26	DIAG2	Chr	First secondary diagnosis code.	First secondary ICD-10cm diagnosis code. (icd-9cm used, in applicable prior years)
27	DIAG3	Chr	Second secondary diagnosis code.	Second secondary ICD-10cm diagnosis code. (icd-9cm used, in applicable prior years)
28	DIAG4	Chr	Third secondary diagnosis code.	Third secondary ICD-10cm diagnosis code. (icd-9cm used, in applicable prior years)
29	DIAG5	Chr	Fourth secondary diagnosis code.	Fourth secondary ICD-10cm diagnosis code. (icd-9cm used, in applicable prior years)
30	DIAG6	Chr	Fifth secondary diagnosis code.	Fifth secondary ICD-10cm diagnosis code. (icd-9cm used, in applicable prior years)
31	DIAG7	Chr	Sixth secondary diagnosis code.	Sixth secondary ICD-10cm diagnosis code. (icd-9cm used, in applicable prior years)
32	DIAG8	Chr	Seventh secondary diagnosis code.	Seventh secondary ICD-10cm diagnosis code. (icd-9cm used, in applicable prior years)
33	DIAG9	Chr	Eighth secondary diagnosis code.	Eighth secondary ICD-10cm diagnosis code. (icd-9cm used, in applicable prior years)
				Categories include:
				Y=Yes
				N = No
				U = No information for the record
				W = Clinically undetermined
				1 = Exempt for POA reporting
				blank = not reported
34	POA1	Chr	Present on Admission for Principal diagnosis.	Available for some records beginning in 2007; This is only present for selected ICD-9 codes.
35	POA2	Chr	Present on Admission for 1st secondary diagnosis code.	Same codes as for POA1.
36	POA3	Chr	Present on Admission for 2nd secondary diagnosis code.	Same codes as for POA1.
	POA4	Chr	Present on Admission for 3rd secondary diagnosis code.	Same codes as for POA1.
38	POA5	Chr	Present on Admission for 4th secondary diagnosis code.	Same codes as for POA1.
	POA6	Chr	Present on Admission for 5th secondary diagnosis code.	Same codes as for POA1.
40	POA7	Chr	Present on Admission for 6th secondary diagnosis code.	Same codes as for POA1.
	POA8	Chr	Present on Admission for 7th secondary diagnosis code.	Same codes as for POA1.
42	POA9	Chr	Present on Admission for 8th secondary diagnosis code.	Same codes as for POA1.

Field				
Number	Variable	Type	Description	Comment
				Count of number of procedure codes reported.
43	PROCCNT	Int	Count of number of procedure codes reported.	The full set of procedure codes can be obtained in the procedure file.
44	PROC1	Chr	Procedure 1	Principal ICD-10cm procedure code used. (icd-9cm used, in applicable years)
45	PROC2	Chr	Procedure 2	First other ICD-10cm procedure code used. (icd-9cm used, in applicable years)
46	PROC3	Chr	Procedure 3	Second other ICD-10cm procedure code used. (icd-9cm used, in applicable years)
47	PROC4	Chr	Procedure 4	Third other ICD-10cm procedure code used. (icd-9cm used, in applicable years)
48	PROC5	Chr	Procedure 5	Fourth other ICD-10cm procedure code used. (icd-9cm used, in applicable years)
49	PROC6	Chr	Procedure 6	Fifth other ICD-10cm procedure code used. (icd-9cm used, in applicable years)
50	PRDAY1	Num	Day of principal procedure.	
51	PRDAY2	Num	Day of first secondary procedure.	Integer to indicate on which day during the stay the procedure was performed. For example, if PROC1,
52	PRDAY3	Num	Day of second secondary procedure.	PROC2, and PROC3 were performed on the first day and PROC4 was performed on the second day, the
53	PRDAY4	Num	Day of third secondary procedure.	corresponding day fields would be: 1, 1, 1, 2.
54	PRDAY5	Num	Day of fourth secondary procedure.	Available for some records beginning in 2007.
55	PRDAY6	Num	Day of fifth secondary procedure.	
56	IDATTEND	Chr	Attending Provider ID.	Attending provider NPI (National Provider Identifier) number.
57	IDOPERAT	Chr	Operating Physician ID.	Other physician NPI number.
				Other provider NPI number.
58	IDOTHER1	Chr	Other Provider 1.	Available for some records beginning in 2007.
				Other provider NPI number.
59	IDOTHER2	Chr	Other Provider 2.	Available for some records beginning in 2007.
				Count of number of ECodes reported.
60	ECODECNT	Int	Count of number of ECodes reported.	The full set of ECodes can be obtained in the ECode file.
61	ECODE1	Chr	Principal ECode	Principal external cause of injury code (icd10cm-coding / icd9cm coding, for applicable months/years)
				Y = Yes
				N = No
				U = No information for the record
				W = Clinically undetermined
				1 = Exempt for POA reporting
				blank = not reported
62	POAE1	Chr	Present on Admission for <b>Principal</b> ECode	Available for some records beginning in 2007; This is only present for selected ICD-9 ecodes/ years.
02	TOALI	CIII	Tresent on Admission for Timepar Leode	Y=Yes; N=No; U=Unknown (to hospital or patient); R=Patient Declined to Respond
				blank=race was not reported
63	HISPANIC	Chr	Hispanic Origin	Available for some records beginning in 2007.
0.5	IIIDI AIVIC	CIII	Inspanie Origin	Per NUBC Manual and hospital reported.
64	BILLTYPE	Chr	Bill Type	Inpatient = 110-117, 121, 127; Swing = 181, 187; Observation = 131, 137, 851, 857
65	AWEEKEND	Num	Weekend Admission Code	DOH Calculated 0 = Weekday 1 = Weekend
66	AGE_MONTH	Num	Age in Months	DOH Calculated de Weckday 1 = Weckday  DOH Calculated Age in Months at time of Admission
00	TIGE_MOTITI	1 10111	11go in 1120mino	Derived from the CMS grouper (https://www.cms.gov/medicare/medicare-fee-for-service-
				payment/acuteinpatientpps/ms-drg-classifications-and-software). Software is run by Washington State
				Hospital Association (WSHA);
67	DRG CMS	Chr	Medicare Severity Diagnosis Diagnostic Related Groups (DPG)	
07	DKO_CMB	CIII	interieure severity Diagnosis Diagnostic Related Gloups (DRG)	DRG assignment is only applicable to inpatient stays; Data available beginning with 2022 discharges.

Field Number	Variable	Tymo	Description	Comment
Nullibei	variable	Type	Description	Comment
				Derived from the CMS grouper (https://www.cms.gov/medicare/medicare-fee-for-service-
				payment/acuteinpatientpps/ms-drg-classifications-and-software). Software is run by Washington State Hospital Association (WSHA);
68	MDC_CMS	Chr	Medicare Severity Diagnosis Major Diagnostic Category (MDC	MDC assignment is only applicable to inpatient stays; Data available beginning with 2022 discharges.
- 00	WIDC_CWD	Cili	Medicare Severity Diagnosis Wajor Diagnosus Category (WIDC	DRG weight represents the average resources required to care for cases in that particular DRG, relative to the
				average resources used to treat cases in all DRGs. (CMS definition) Populated by Washington State Hospital
69	DRG_WT_CMS	Chr	CMS DRG Weight	Association (WSHA) via CMS Open Source grouper effective 1/1/2022.
				Grouper version assigned when record is run through grouper. Populated by WSHA via CMS Open Source
70	CMS_VER	Chr	CMS Grouper Version	grouper effective 1/1/2022.
				1= English is the first listed/primary language spoken; 0=A language other than english is listed; 8= Patient
				declided to answer; 9= Unknown
71	LANG_ENG	Num	English as a Preferred Language	Available beginning with 2023 discharges
	_		Observt	ion File Only
				Age, in years, at admission. (Admission date create from hierarical variable: Integer based on the FROM
72	AGE O	Int	Age in years at admission	DATE OF SERVICES FIELD, when Admission Date not available.)
12	AGL_O	IIIt	Age in years at admission	DATE OF SERVICES FIELD, WICH Admission Date not available.)
				DOH Calculated: Discharge date minus admission date (Admission date create from hierarical variable:
73	LENSTAYD O	Int	Length of Stay in Days	Integer based on the FROM DATE OF SERVICES FIELD, when Admission Date not available)
	_		, ,	DOH Calculated 0 = Weekday 1 = Weekend (uses Admission date, create from hierarical variable: Integer
74	AWEEKEND_O	Num	Weekend Admission Code	based on the FROM DATE OF SERVICES FIELD, when Admission Date not available.)
				DOH Calculated Age in Months at time of Admission (Uses Admission date, create from hierarical variable:
75	AGE_MONTH _O	Num	Age in Months at admission	Integer based on the FROM DATE OF SERVICES FIELD, when Admission Date not available.)
	_		Available Only for Discharges Years 2022 and <b>prior</b> (see R	ACE_OMB_5 in Race file for comparable data for 2023 forward)
				Y=Yes; N=No; U=Unknown; R=Refused to State
	DAGE WIFE	CI.	D 1771.	blank=race was not reported
	RACE_WHT	Char	Race, White	Available for some records beginning in 2007.
				Y=Yes; N=No; U=Unknown; R=Refused to State blank=race was not reported
	RACE_BLK	Char	Race, Black or African American	Available for some records beginning in 2007.
	RACE_BLK	Citai	Race, Black of Affical Afficient	Y=Yes; N=No; U=Unknown; R=Refused to State
				blank=race was not reported
	RACE_AMI	Char	Race, American Indian or Alaska Native	Available for some records beginning in 2007.
			,	Y=Yes; N=No; U=Unknown; R=Refused to State
				blank=race was not reported
	RACE_ASI	Char	Race, Asian	Available for some records beginning in 2007.
				Y=Yes; N=No; U=Unknown; R=Refused to State
				blank=race was not reported
	RACE_HAW	Char	Race, Hawaiian or Other Pacific Islander	Available for some records beginning in 2007.

## Comprehensive Hospital Abstract Reporting System (CHARS)

Field				
Number	Variable	Type	Description	Comment
				* This only affects 2022 Q3-Q4 data:
				Binary variable indicating whether at least one race, in the discharge, had to be aggregated (1) or not (0) from
				a more refined category into the categories listed in this file.
				If race did not fall into a category, it was aggregated into 'Unknown' to align to OMB Standard. Aggregation is
	RACE_AGG	Num	Race was aggregated into provided category/categories	from an adapted CDC code set to OMB standard.

#### Notes:

Int = Integer; Char = Character; Num = Numeric; WA = Washongton State; DOH= Washington State Department of Health; NPI = National Provider Identifier; CMS=Centers for Medicare & Medicaid Services

#### Washington State Department of Health Center for Health Statistics Hospital Revisit File

(Available in the following format: Text (CSV) )

Comprehensive Hospital Abstract Reporting System (CHARS)

This file identifies repeat visits for hospitalization records. Inpatient and observation patients are combined.

Field Number	Variable	Туре	Format	Label	Comment
Number	Variable	туре	Tormat	Label	
1	REC_KEY	Num	11.	Record Key	Unique number assigned to each CHARS record. Added in 2003.
					Unique number assigned to each CHARS record within a year.
2	SEC_NO	Char	\$10	Sequence Number	First four digits are the year of discharge. This number changes for each quarterly release.
					1 = Inpatient
3	STAYTYPE	Char	\$1	Type of Stay	2 = Observation patient
					Number to identify a unique patient. From 2011 unward, this
4	PATIENTID	Num	11.	Patient ID Number	ID remains consistent between revisit files/quarters.
					Code to indicate the length of time between this admission date
					and the prior discharge date.
					0 = First admission
					1 = 0.7  days
					2 = 8-14  days
					3 = 15-21  days
					4 = 22-30  days
					5 = 31-60  days
					6 = 61-90  days
					7 = 91-364 days
5	REVISIT	Num	1.	Time Period Between Readmissions	8 = 1 year or more

## Hospital Revisit File

(Available in the following format: Text (CSV) )

Comprehensive Hospital Abstract Reporting System (CHARS)

## This file identifies repeat visits for hospitalization records. Inpatient and observation patients are combined.

Field Number	Variable	Туре	Format	Label	Comment
6	REVISIT_DAYS	Num	5.	Time Period Between Readmissions in Days	Number of days between this admission and the prior discharge date.  Null = First or sole admission in file  0 - 999 = Number of days
7	VISITORDER	Num	3.	Visit Order	Sequential visit number assigned to each patient's visit based on the order the patient was admitted.
8	DUPLICATE	Char	\$1	Possible Duplicate or Overlap	Possible duplicate because the admission and discharge date are the same as the previous visit; Or possible problem because stay in this record overlaps time period of previous visit.  D = Duplicate X = Overlap
9	DATE_SEQ	Integer		Encrypted Discharge Date Sequence	An encrypted discharge date sequence within each PATIENTID

**Birth Statistical File Data Dictionary** 

Field	atistical File Data Did Field Name		Format/Values	Historical Field Name	Historical Format/Values
Number	(2017 and later)			(1980-2016)	(1980-2016)
1	State File Number (Internal) SFN Encrypt (External)	Certificate Number	Character; Max Length = 10 YYYY#####	certno certno_e	
2	Birth Cert Type	Certificate Type	Character; Max Length = 1 R - Regular D - Delayed (Selected years) O - Out-of-State B - Foreign Born	certype	R - Regular D - Delayed (Selected years) O - Out-of-State
3	Sex		Character; Max Length = 1 M - Male F - Female N - Undetermined X - Gender that is not exclusively male or female	sex	F - Female M - Male U - Undetermined
4	Date of Birth Month	Date of Birth Month	Character; Max Length = 2 MM		
5	Date of Birth Year	Date of Birth Year	Character; Max Length = 4 YYYY		
6	Time of Birth	Time of birth in 24-hour	Character; Max Length = 5 HH:MM 99:99 - Unknown	birth_hr	

	were not coded.			
7 Mother Marital Status	Marital Status of Mother	Character; Max Length = 11 - Married to other parent listed 2 - Married but not to the person listed as parent 3 - Married but refuse to provide information 4 - Not married and providing parent information 5 - Not married now, was married during pregnancy 6 - Not married and refuse to provide information 5 - Not married now, was married during pregnancy 6 - Not married and refuse to provide information 8 - Not provided U - Unknown	married	***1980-2016*** Y - Yes N - No U - Not Stated

8	Facility Type	Facility Type of	·	fac_type	***2003-2016***
		Birthplace	Length = 1		- Hospital
		Facility Type	- Hospital		- Enroute
		for Place of	- Enroute		- Birth Center
		Birth. Note	- Birth Center		<ul><li>– Clinic/Doctor's</li></ul>
		that	- Clinic/Doctor's		Office
		'home' can be	Office		– Home – Unknown
		the	- Home		Planning
		mother's	- Other		– Other
		residence (the	9 - Unknown/Not		– Home – Planned
		majority of records),	Stated		– Home -
		another			Unplanned
		person's			- Unknown/Not
		residence, or a			Stated
		midwife's place			Blank - Not Coded
		of business			Blank Not coded
		(if it's her			***1980-2002***
		home and not			- Hospital
		a licensed birth			- Enroute
		center). For			- Birth Center
		further			- Other Medical
		information			Facility
		please see the			- Home
		"Data Quality			- Other
		Technical			9 - Unknown/Not
		Notes – Facility			Stated
		of Birth."			Stated
9	Facility	Facility ID	Character; Max	facility	Blank Not Coded
		Number	Length = 4;		See Facility Codes
			See Facility Codes		Spreadsheet
			Spreadsheet		
10	Lake a de d. Fe eilik.	lateraled Feetlin	Ni	f :	***2002 2016***
10	Intended Facility		Numeric; Max Length = 1	fac_int	***2003-2016*** 1 – Hospital
		Туре	1 - Hospital		– Birth Center
			- Birth Center		– Clinic/Doctor's
			- Clinic/Doctor's		•
			Office	·	Office
					- Other
			- Other		- Home - Planned
			- Home		***1980-2002***

(Planned)

Not Collected

	T	T	T	1	T
			9 - Unknown/Not Stated		
11					
12	Birthplace City	Birthplace City	Character; Max Length = 28		
13	Birthplace County	Birthplace County	Character; Max Length = 28		
14	Birthplace County City WA Code	Birthplace County City WA Code City in which the birth occurred. If the birth occurred in Washington State, this field will be greater than "0000." If a birth occurs in a place with a population less than 2,500, it is assigned to the rural portion of the county.  Note: Use this field to select births occurring in a specific county or city. See the County and City of Residence to select by place of residence. Before using this field, see "Data Quality Technical Notes -	Character; Max Length = 4 See WA County City Codes	city_occ	See WA County City Codes Spreadsheet

City/County/State of Residence and Occurrence" and see "How to Use the Data" in Techinical Notes Document		

15	Birthplace	Birthplace County	Character; Max	cnty occ	See WA County City
	County WA Code	-	Length = 2	· —	Codes
	,		See WA County		Spreadsheet
			City Codes		
		the birth	Spreadsheet		
		occurred. If the			
		birth occurred in			
		Washington			
		State, this field			
		will be greater			
		than "00." If a			
		birth occurs in a			
		place with a			
		population less			
		than 2,500, it is			
		assigned to the			
		rural portion of			
		the county.			
		Note: Use this			
		field to select			
		births occurring			
		Dir till Occurring			

		in a specific county or city. See the County and City of Residence to select by place of residence. Before using this field, see "Data Quality Technical Notes - City/County/State of Residence and Occurrence" and see "How to Use the Data" in Techinical Notes Document			
16	Birthplace State NCHS Code	NCHS Code	Character; Max Length = 2; See NCHS State Codes Spreadsheet	st_occ	See NCHS State Codes Spreadsheet
17	Mother Residence City	Mother's City of Residence Name	Character; Max Length = 112		
18	Mother Residence County	Mother's County of Residence Name	Character; Max Length = 112		

Residence WA County City Code  If the residence is in Washington State, this field will be greater than "0000."  If the place of residence has a	Codes		Codes Spreadsheet
If the residence is in Washington State, this field will be greater than "0000." If the place of	Codes	zy	Spreadsheet
in Washington State, this field will be greater than "0000." If the place of			
population less than 2,500, it is assigned to the			
the county.  Note: Use this field to select			
births for residents in a specific			
See the County and City of			
select by place of occurrence.			
field, see "Data Quality			
Technical Notes - City/County/State of Residence and			
	than 2,500, it is assigned to the rural portion of the county.  Note: Use this field to select births for residents in a specific county or city. See the County and City of Occurrence to select by place of occurrence. Before using this field, see "Data Quality Technical Notes - City/County/State	than 2,500, it is assigned to the rural portion of the county.  Note: Use this field to select births for residents in a specific county or city. See the County and City of Occurrence to select by place of occurrence. Before using this field, see "Data Quality Technical Notes - City/County/State of Residence and	than 2,500, it is assigned to the rural portion of the county.  Note: Use this field to select births for residents in a specific county or city. See the County and City of Occurrence to select by place of occurrence. Before using this field, see "Data Quality Technical Notes - City/County/State of Residence and

Residence County WA Code	Residence County WA Code  If the residence is in Washington State, this field will be greater than "00."  If the place of residence has a population less than 2,500, it is assigned to the rural portion of the county.  Note: Use this field to select births for residents in a specific county or city. See the County and City of Occurrence to select by place of occurrence. Before using this field, see "Data Quality Technical Notes - City/County/State	Length = 2; See WA County City Codes Spreadsheet		See WA County City Codes Spreadsheet
	of Residence and Occurrence."			
Residence State	NCHS code)	Character; Max Length = 2; See NCHS State Codes Spreadsheet	_	See NCHS State Codes Spreadsheet
	Mother's ZIP Code of Residence	Character; Max Length = 10 XXXXX-XXXX	zipcode	

23	Mother Years at Residence	Mother's Years Residence	Numeric; Max Length = 3 999 - Unknown/Not Stated	res_yprt	Number of years mother lived at the current residence, at the time of birth, in yy format.  ***1989-2016*** YY 9999 - Unknown  ***1980-1988*** Blank Field - Not Collected
24	Mother Months at Residence	Mother's Months Residence	Numeric; Max Length = 2	res_mprt	***1989- 2016*** mm 9999 - Unknown ***1980-1988*** Blank Field - Not Collected
25	Mother Date of Birth	Mother's Date of Birth	Date: Max Length = 8 MM/DD/YY		
26	Mother Calculated Age	Mother's Age	Numeric; Max Length = 3 99 - Unknown/Not Stated	age_mom	Unknown/Not Stated = 99
27	Mother Birthplace State	Mother's Birth State - Literal	Character; Max Length = 112		

28 Mother	Mother's	Character; Max	
Birthplace S		Length = 2	
FIPS	State	AL - Alabama	
	FIPS code	AK - Alaska	
		AZ - Arizona	
		AR - Arkansas	
		CA - California	
		CO - Colorado	
		CT - Connecticut	
		DE - Delaware	
		DC - District of	
		Columbia	
		FL - Florida	
		GA - Georgia	
		HI - Hawaii	
		ID -	
		Idaho	
		IL -	
		Illinois	
		IN - Indiana	
		IA - Iowa	
		KS - Kansas	
		KY - Kentucky	
		LA - Louisiana	
		ME - Maine	
		MD - Maryland	
		MA -	
		Massachusetts	
		MI - Michigan	
		MN - Minnesota	
		MS - Mississippi	
		MO - Missouri	
		MT - Montana	
		NE - Nebraska	
		NV - Nevada	
		NH - New	
		Hampshire	
		NJ - New Jersey	
		NM - New Mexico	
29 Mother		NY New York	
Birthplace	Country -	Character; Max	
Country	Literal	Length = 64	

30	Mother Birthplace Cntry WA Code	Mother's Birthplace Country WA Code	character; Max Length = 3; See WA Country Codes Spreadsheet	bctrymom	See WA Country Codes Spreadsheet
31	Mother Race White	Mother's Race, White	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_wht	***2003-2016*** Y - Yes, this box checked N - No, box not checked U - Entire Mother's Race item unknown ***1980-2002*** Not Collected. See race_mom.
	Mother Race Black	Mother's Race, Black	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_blk	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race_mom.
	Mother Race Amer Indian Alaskan	Mother's Race, American Indian/Alaska Native	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_ami	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race mom.
	Mother Race Asian Indian	Mother's Race, Asian Indian	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_asi	***2003-2016*** Y – Yes, this box checked N – No, box not checked

					U – Entire Mother's Race item unknown ***1980-2002*** Not Collected. See race_mom.
35	Mother Race Chinese	Mother's Race, Chinese	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_chi	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race_mom.
36	Mother Race Filipino	Mother's Race, Filipino	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_fil	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown ***1980-2002*** Not Collected. See race_mom.
37	Mother Race Japanese	Mother's Race, Japanese	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_jap	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race_mom.

38	Mother Race Korean	Mother's Race, Korean	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_kor	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race_mom.
39	Mother Race Vietnamese	Mother's Race, Vietnamese	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_vie	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race_mom.
40	Mother Race Other Asian	Mother's Race, Other Asian	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_oas	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race_mom.
41	Mother Race Hawaiian	Mother's Race, Native Hawaiian	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_haw	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race_mom.

42	Mother Race Guam or Chamorro	-	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_gua	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown ***1980-2002*** Not Collected. See race_mom.
	Mother Race Samoan	Mother's Race, Samoan	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_sam	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race_mom.
44	Mother Race Other PI	-	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_opi	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown ***1980-2002*** Not Collected. See race_mom.
45	Mother Race Other	Mother's Race, Other	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_oth	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown ***1980-2002***

				Not Collected. See race_mom.
46	Mother Race Tribe 1	Mother's Race Literal 1, American Indian/Alaska Native	Character; Max Length = 120	
47	Mother Race Tribe 2	Mother's Race Literal 2, American Indian/Alaska Native	Character; Max Length = 120	
48	Mother Race Other Asian 1	Mother's Race Literal 1, Other Asian	Character; Max Length = 120	
49	Mother Race Other Asian 2	Mother's Race Literal 2, Other Asian	Character; Max Length = 120	
50	Mother Race Other PI 1	Mother's Race Literal 1, Other Pacific Islander	Character; Max Length = 120	
51	Mother Race Other PI 2	Mother's Race Literal 2, Other Pacific Islander	Character; Max Length = 120	
52	Mother Race Other 1	Mother's Race Literal 1, Other	Character; Max Length = 120	
53	Mother Race Other 2	Mother's Race Literal 2, Other	Character; Max Length = 120	
54	Mother Race NCHS Ecode 1	Mother's Race Tabulation from Checkboxes, 1	Character; Max Length = 3	
55	Mother Race NCHS Ecode 2	Mother's Race Tabulation	Character; Max Length = 3	

		from Checkboxes, 2		
56	Mother Race NCHS Ecode 3	Mother's Race Tabulation from Checkboxes, 3	Character; Max Length = 3	
57	Mother Race NCHS Ecode 4		Character; Max Length = 3	
58	Mother Race NCHS Ecode 5		Character; Max Length = 3	
59	Mother Race NCHS Ecode 6		Character; Max Length = 3	
60	Mother Race NCHS Ecode 7		Character; Max Length = 3	
61	Mother Race NCHS Ecode 8		Character; Max Length = 3	
62	Mother Race NCHS Ccode 1		Character; Max Length = 3	
63	Mother Race NCHS Ccode 2		Character; Max Length = 3	
64	Mother Race NCHS Ccode 3	Mother's Race Tabulation from Literals, 3	Character; Max Length = 3	
65	Mother Race NCHS Ccode 4	Mother's Race Tabulation from Literals, 4	Character; Max Length = 3	
66	Mother Race NCHS Ccode 5	Mother's Race Tabulation from Literals, 5	Character; Max Length = 3	

67 Mother Race Mother's Race Character; Max NCHS Ccode 6 Tabulation Length = 3 from Literals, 6  68 Mother Race Mother's Race Character; Max NCHS Ccode 7 Tabulation Length = 3 from Literals, 7	
NCHS Ccode 7 Tabulation Length = 3	
69 Mother Race Mother's Race Character; Max NCHS Ccode 8 Tabulation Length = 3 from Literals, 8	
70 Mother Bridge Race  Mother's NCHS Bridged Race  Note: for the race codes below, AIAN = American Indian/Alaska Native  Single race specified — White — Black — AIAN — Asian — Chinese - Filipino - Japanese - Korean - Vietnamese — Other Asian — Native Hawaiian — Guamanian or Chamorro - Samoan — Other Pacific Islander15 - Other  Bridged multiple specified race — White — Black — AIAN	

	– Asian or Pacific Islander	

71 Mother Race	Mother's	Character; Max Length = 1	race_mom	***2003-2016***
Calculation	Race	- White		Uses race assigned by
	Uses race	- Black		NCHS bridging methods
	assigned by	- Native American		(see Data Quality
	NCHS	- Chinese		Technical Notes for
	bridging	- Japanese		description). Coding same
	methods (see	- Other Non-White		as in previous years, plus:
	Data Quality	- Filipino		Blank – Not processed by
	Technical	- Refused to State		NCHS
	Notes for	- Unknown/Not Stated		***1992-2002***
	description).	A- Hawaiian		1- White
		в- Other Asian/Pacific		2- Black
		Islander		3- Native American
		C-		4- Chinese
		Mexican/Chicano/Hispanic		5- Japanese
		D- Asian		6- Other Non-White
		E- Korean		7- Filipino
		F- Samoan		8- Refused to State
		G - Vietnamese		9- Unknown/Not Stated
		н - Guamanian		- Hawaiian

		Blank — Not processed by NCHS		- Other Asian/Pacific Islander - Mexican/Chicano/Hispanic - Asian - Korean - Samoan - VietnameseH - Guamanian  ***1988-1991***  1- White 2- Black 3- Native American 4- Chinese 5- Japanese 6- Other Non-White
72 Mother Race Summary Code	Mother's Summary Race	Numeric; Max Length = 2 Single race  10 - White  11 - Black  12 - American Indian/Alaska Native  13 - Asian 14 - Native Hawaiian or Pacific Islander Two races 20- White and Black 21- White and American Indian/Alaska Native 22- White and Asian 23- White and Native Hawaiian or Pacific Islander 24- Black and American Indian/Alaska Native Black and American Indian/Alaska Native	moracsum	7 Filipino Note: for the race codes below, AIAN  = American Indian/Alaska Native; NHOPI = Native Hawaiian or Other Pacific Islander.  ***2003-2016*** Single race  10 — White only 11 — Black only 12 — AIAN only 13 — Asian only 14 — NHOPI only Two races 20 — White, Black 21 — White, AIAN 22 — White, ASian 23 — White, NHOPI 24 — Black, AIAN 25 — Black, ASian

					_
			<sub>26</sub> - Black and Native		<sub>26</sub> – Black, NHOPI
			Hawaiian		27 - AIAN, Asian
			or Pacific Islander		28 – AIAN, NHOPI
			27- American Indian/Alaska		<sub>29</sub> - Asian, NHOPI
			Native and Asian		Three races
			28- American Indian/Alaska		₃₀ – White, Black,
			Native and Native Hawaiian		AIAN
			or		31 − White, Black,
			Pacific Islander		Asian
			29- Asian and Native		32 – White, Black,
			Hawaiian		NHOPI
			or Pacific Islander		33 – White, AIAN,
			Three races		Asian
			30- White and Black and		34 – White, AIAN,
			American Indian/Alaska	1	NHOPI
			Native		35 – White, Asian,
			31- White and Black and		NHOPI
			Asian		36 – Black, AIAN,
			32- White and Black and		Asian
					37 – Black, AIAN,
					NHOPI
					DI 1 4 .
					NHOPI
72	N A = ±   =	NA - the - u/-	National Polifi		39 AIAN Asian NHOPI
	Mother Hispanic No	Mother's Hispanic	Nati e Haaiian or Pa ifi Character; Max Length = 1	momh_no	***2003-2016***
		Origin,	Y - Yes		Y – Yes, this box checked
		Not Hispanic	N - No		N – No, box not checked
			U - Unknown		U – Entire Mother's
					Hispanic item unknown
					***1980-2002***
					Not Collected. See hisp
					mom.
-	74 Mother His	spanic Mother	's Character; Max r	nomh_mex	***2003-2016***
	Mexican	Hisnani	c length = 1		V - Yes this hox

74	Mother Hispanic	Mother's	Character; Max	momh_mex	***2003-2016***
	Mexican	Hispanic	Length = 1		Y – Yes, this box
		Origin,	H - Yes		checked
		Mexican	N - No		N – No, box not
			U - Unknown		checked

					U – Entire Mother's Hispanic item unknown ***1980-2002*** Not Collected. See hisp mom.
75	Mother Hispanic Puerto Rican	Mother's Hispanic Origin, Puerto Rican	Character; Max Length = 1 H - Yes N - No U - Unknown	momh_pr	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item unknown  ***1980-2002*** Not Collected. See hisp mom.
76	Mother Hispanic Cuban	Mother's Hispanic Origin, Cuban	Character; Max Length = 1 H - Yes N - No U - Unknown	momh_cub	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item unknown  ***1980-2002*** Not Collected. See hisp mom.
77	Mother Hispanic Other	Mother's Hispanic Origin, Other Hispanic	Character; Max Length = 1 H - Yes N - No U - Unknown	momh_oth	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item unknown  ***1980-2002*** Not Collected. See hisp mom.

	Mother Hispanic Other Specify Mother Hispanic NCHS Ecodes	Hispanic Origin, Other Hispanic Literal	Character; Max Length = 21 Numeric; Max Length = 3		
80	Mother Hispanic NCHS Ccodes	Mother's Hispanic Tabulation from Literal	Numeric; Max Length = 3		
81	Mother Hispanic	Hispanic Origin Note: Hispanic ethnicity data are not complete for 1988. Before	Numeric; Max Length = 1 0 - Non-Hispanic 1 - Mexican 2 - Puerto Rican 3 - Cuban 4 - Central or South American 5 - Other and Unknown Hispanic 9 - Unknown/Not Stated	hisp_mom	***1996-2016*** - Non-Hispanic - Mexican - Puerto Rican - Cuban - Central or South American - Other and Unknown Hispanic9 - Unknown/Not Stated  ***1988-1995***  0- Non-Hispanic  1- Mexican 2- Puerto Rican 3- Cuban 4- Central or South American 5- Other Hispanic 6- Unknown Hispanic 9 - Unknown/Not Stated

	NA o t lo c ::	N 4 a + la = :-/ =	Ni. ma a mi = : N.4 =	ad., a . a	***2002 2046***
82		Mother's	Numeric; Max	educ_mom	***2003-2016***
		Education	Length = 1		□ − 8th grade or
		Level Highest	1- 8th grade or less		less (see dadle8ed,
		grade	2- 9th-12th grade,		field 201)
		completed by the mother.	no diploma		<sub>2</sub> – 9th-12th
		the mother.	3 THEIT SCHOOL		grade, no diploma
			graduate or GED		→ High school
			4- Some college, no		graduate or GED
			degree		4 – Some
			5- Associate degree		college, no degree
			6- Bachelor's degree		5 – Associate
			7- Master's degree		degree
			8- Doctorate or		6 – Bachelor's
			Professional		degree
			degree 9		<sub>7</sub> – Master's
			-		degree
			Unknown		8 – Doctorate
					or Professional
					degree
					9 – Unknown
					(09 or 99?)
					***1992-2002***
					00 - No
					education
					01 - Completed
					first grade
					o2 - Completed
					second grade
					оз - Completed
					third grade
					o4 - Completed
					fourth grade
					os - Completed
					fifth grade
					o6 - Completed
					sixth grade
					o7 - Completed
					seventh grade
					08 - Completed
					eighth grade
		l			2.6 6. 446

84	Mother Educ 8th Grade or Less	Mother's Education Years If LE 8th Grade	2= 2nd grade 3= 3rd grade 4= 4th grade 5= 5th grade 6= 6th grade 7= 7th grade 8= 8th grade 9= Unknown  Date: Max Length =	momle8ed	o9 - Completed ninth grade  10 - Completed tenth grade  11 - Completed eleventh grade  12 - High school graduate  13 - Completed 1 year of college  14 - Completed 2 years of college  15 - Completed 3 years of college  16 - College graduate  17 - Post graduate work  17 - Post graduate work  17 - Post graduate work  18 - Unknown/Not stated  ***1980 1991***  ***2003-2016***  0 - No education  1-8 - 1st -  8th grade 9  - Unknown  ***1980-2002***  Not Collected
	Birth	of Birth	8 MM/DD/YY		
85	Father Calculated Age	_	Numeric; Max Length = 3 99 - Unknown/Not Stated	age_dad	99 - Unknown/Not Stated

86 Father Father's Birth Character; Max Birthplace State State - Literal Length = 112	
Father Birthplace State FIPS  Birthplace State AL - Alabama FIPS code AK - Alaska AZ - Arizona AR - Arkansas CA - California CO - Colorado CT - Connecticut DE - Delaware DC - District of Columbia FL - Florida GA - Georgia HI - Hawaii ID - Idaho IL - Illinois IN - Indiana IA - Iowa KS - Kansas KY - Kentucky LA - Louisiana ME - Maine MD - Maryland MA - Massachusetts MI - Michigan MN - Minnesota MS - Mississippi MO - Missouri MT - Montana NE - Nebraska	

			NH - New Hampshire NJ - New Jersey NM - New Mexico		
	Father Birthplace Country	Father's Birth Country - Literal	NY New York Character; Max Length = 256		
	Father Birthplace Cntry WA Code	Father's Birthplace Country WA code	Character; Max Length = 3 See WA Country Codes Spreadsheet	bctrydad	See WA Country Codes Spreadsheet
90	Father Race White	Father's Race, White	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_wht	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown ***1980-2002*** Not Collected. See race dad.

Black	Black	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_blk	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race dad.
Father Race Amer Indian Alaskan	American	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_ami	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race dad.
Father Race Asian Indian	Father's Race, Asian Indian	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_asi	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race dad.
Father Race Chinese	Father's Race, Chinese	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_chi	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race dad.

95	Father Race Filipino	Father's Race, Filipino	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_fil	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race dad.
96	Father Race Japanese	Father's Race, Japanese	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_jap	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race dad.
97	Father Race Korean	Father's Race, Korean	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_kor	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race dad.
98	Father Race Vietnamese	Father's Race, Vietnamese	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_vie	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race dad.

99	Father Race Other Asian	Father's Race, Other Asian	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_oas	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race dad.
100	Father Race Hawaiian	Father's Race, Native Hawaiian	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_haw	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown ***1980-2002*** Not Collected. See race dad.
101	Father Race Guam or Chamorro	1	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_gua	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown ***1980-2002*** Not Collected. See race dad.
102	Father Race Samoan	Father's Race, Samoan	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_sam	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race dad.

103	Father Race Other PI	Father's Race, Other Pacific Islander	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_opi	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race dad.
104	Father Race Other	Father's Race, Other	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_oth	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race dad.
105	Father Race Tribe 1	Father's Race Literal 1, American Indian/Alaska Native	Character; Max Length = 120		
106	Father Race Tribe 2	Father's Race Literal 2, American Indian/Alaska Native	Character; Max Length = 120		
107	Father Race Other Asian 1	Father's Race Literal 1, Other Asian	Character; Max Length = 120		
108	Father Race Other Asian 2		Character; Max Length = 120		
109	Father Race Other PI 1	Father's Race Literal 1, Other Pacific Islander	Character; Max Length = 120		
110		Father's Race Literal 2, Other Pacific Islander	Character; Max Length = 120		

111	Father Race Other 1	Father's Race Literal 1, Other	Character; Max Length = 120	
112	Father Race Other 2	Father's Race Literal 2, Other	Character; Max Length = 120	
113	Father Race NCHS Ecode 1	Father's Race Tabulation from Checkboxes, 1	Character; Max Length = 3	
114		Father's Race Tabulation from Checkboxes, 2	Character; Max Length = 3	
115	Father Race NCHS Ecode 3	Father's Race Tabulation from Checkboxes, 3	Character; Max Length = 3	
116	Father Race NCHS Ecode 4	Father's Race Tabulation from Checkboxes, 4	Character; Max Length = 3	
117		Father's Race Tabulation from Checkboxes, 5	Character; Max Length = 3	
	Father Race NCHS Ecode 6	Father's Race Tabulation from Checkboxes, 6	Character; Max Length = 3	
119		Father's Race Tabulation from Checkboxes, 7	Character; Max Length = 3	
120	Father Race NCHS Ecode 8	Father's Race Tabulation from Checkboxes, 8	Character; Max Length = 3	
121		Father's Race Tabulation from Literals, 1	Character; Max Length = 3	

122	NCHS Ccode	Character; Max Length = 3	
123	Father Race NCHS Ccode 3	Character; Max Length = 3	
124	NCHS Ccode	Character; Max Length = 3	
125	NCHS Ccode	Character; Max Length = 3	
126	NCHS Ccode	Character; Max Length = 3	
127	NCHS Ccode	Character; Max Length = 3	
128	Father Race NCHS Ccode 8	Character; Max Length = 3	

129	Father Bridge	Father's NCHS	Character; Max Length = 2		
	Race	Bridged Race	Note: for the race codes below, AIAN = American Indian/Alaska Native		
			Single race specified  - White		
			<sub>2</sub> – Black		
			з — AIAN		
			4 – Asian		
			5 – Chinese		
			6 - Filipino		
			7 - Japanese		
			8 - Korean		
			9 - Vietnamese		
			o – Other Asian		
			<ul> <li>– Native Hawaiian</li> </ul>		
			<sub>2</sub> – Guamanian or		
			Chamorro		
			₃ - Samoan		
			4 – Other Pacific		
			Islander15 - Other		
			Bridged multiple specified		
			race		
			21- White		
			22- Black		
			23— AIAN		
			<sub>24</sub> — Asian or Pacific Islander		

	1	T	T	
130 Father Race		, ,	race_dad	***2003-2016***
Calculation		ı - White		Uses race assigned by
		2 - Black		NCHS bridging methods
		3 - Native American		(see Data Quality
	NCHS bridging	- Chinese		Technical Notes for
	methods (see	s - Japanese		description). Coding same
	Data Quality	s - Other Non-White		as in previous years, plus:
	Technical	7 - Filipino		Blank – Not processed by
	Notes for	B - Refused to State		NCHS
	description).	∍ - Unknown/Not Stated		***1992-2002***
		A - Hawaiian		1- White
		B - Other Asian/Pacific		2- Black
		Islander		3- Native American
		c -		4- Chinese
		Mexican/Chicano/Hispanic		5- Japanese
		D - Asian		6- Other Non-White
		 ⊾ - Korean		<sub>7</sub> - Filipino
		F - Samoan		8- Refused to State
		G - Vietnamese		9- Unknown/Not Stated
		 н - Guamanian		- Hawaiian
		Blank – Not processed by		- Other Asian/Pacific
		NCHS ,		Islander
				_
				Mexican/Chicano/Hispanic
				- Asian
				- Korean
				- Samoan
				- VietnameseH -
				Guamanian
				***1988-1991***
				1- White
				2- Black
				3- Native American
				4- Chinese
				5- Japanese
				6- Other Non-White
				7 Filinino

7 Filipino

131	Father Race	Father's	Numeric; Max	faracsum	Note: for the race
	Summary Code	Summary Race	· ·		codes below, AIAN
	-		Single race		= American
			10 - White		Indian/Alaska Native;
			11 - Black		NHOPI = Native
			12 - American		Hawaiian or Other
			Indian/Alaska		Pacific Islander.
			Native		
			13 - Asian		***2003-2016***
			14 - Native		Single race
			Hawaiian or		– White only
			Pacific		– Black only
			Islander		– AIAN only
			Two races		– Asian only
			- White and		– NHOPI only
			Black		Two races
			- White and		– White, Black
			American		– White, AIAN
			Indian/Alaska		– White, Asian
			Native		– White, NHOPI
			- White and		– Black, AIAN
			Asian		– Black, Asian
			- White and		– Black, NHOPI
			Native Hawaiian		– AIAN, Asian
			or Pacific Islander		– AIAN, NHOPI
			- Black and		– Asian, NHOPI
			American		Three races
			Indian/Alaska		– White, Black,
			Native		AIAN
			- Black and		– White, Black,
			Asian		Asian
			- Black and		– White, Black,
			Native Hawaiian		NHOPI
			or Pacific Islander		– White, AIAN,
			- American		Asian
			Indian/Alaska		– White, AIAN,
			Native and Asian		NHOPI
			- American		– White, Asian,
			Indian/Alaska		NHOPI
			Native and Native		– Black, AIAN, Asian
			Hawaiian or		
			Pacific Islander		

		- Asian and Native Hawaiian or Pacific Islander Three races - White and Black and American Indian/Alaska Native - White and Black and Asian - White and Black and		– Black, AIAN, NHOPI – Black, Asian, NHOPI
Father Hispanic No	Father's Hispanic Origin, Not Hispanic	Native Hawaiian or Pacific Character; Max Length = 1 Y - Yes N - No U - Unknown	dadh_no	39 AIAN Asian NHOPI ***2003- 2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item unknown  ***1980-2002*** Not Collected. See hisp dad.
Father Hispanic Mexican	Father's Hispanic Origin, Mexican	Character; Max Length = 1 H - Yes N - No U - Unknown	dadh_mex	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item unknown ***1980-2002***

					Not Collected. See hisp dad.
134	Father Hispanic Puerto Rican	Father's Hispanic Origin, Puerto Rican	Character; Max Length = 1 H - Yes N - No U - Unknown	dadh_pr	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item unknown ***1980-2002***
					Not Collected. See hisp dad.
	Father Hispanic Cuban	Father's Hispanic Origin, Cuban	Character; Max Length = 1 H - Yes N - No U - Unknown	dadh_cub	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item unknown  ***1980-2002*** Not Collected. See hisp dad.
136	Father Hispanic Other	Father's Hispanic Origin, Other Hispanic	Character; Max Length = 1 H - Yes N - No U - Unknown	dadh_oth	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item unknown  ***1980-2002*** Not Collected. See hisp dad.
	Father Hispanic Other Specify	Father's Hispanic Origin,	Character; Max Length = 20		

		Other Hispanio Literal			
	38 Father Hispanic NCHS Ecode 39 Father Hispanic NCHS Ccode	Father's Hispanic Tabulation from Checkboxes Father's Hispanic Tabulation from Literal	Numeric; Max Length = 3 Numeric; Max Length = 3		
14	Father Hispanic	Origin Note: Hispanic ethnicity data are not complete for 1988. Before	Numeric; Max Length = 1  - Non-Hispanic  - Mexican  - Puerto Rican  - Cuban  - Central or South American  - Other and Unknown Hispanic 9 - Unknown/Not Stated	hisp_dad	***1996-2016***  o - Non- Hispanic  1 - Mexican  2 - Puerto Rican  3 - Cuban  4 - Central or  South American  5 - Other and  Unknown Hispanic9 -  Unknown/Not Stated  ***1988-1995***  o- Non-Hispanic  1- Mexican  2- Puerto Rican  3- Cuban  4- Central or South  American  5- Other Hispanic  6- Unknown Hispanic  9 - Unknown/Not  Stated

141	Father	Father's	Numeric; Max	educ_dad	***2003-2016***
	Education	Education	Length = 1		o1 – 8th grade or
			1 - 8th grade or less		less (see dadle8ed,
		grade	<sup>2</sup> - 9th-12th grade,		field 201)
		completed by	no diploma		<sub>02</sub> – 9th-12th
		the father.	₃ - High school		grade, no diploma
			graduate or GED		O3 – High school
			4 - Some college, no		graduate or GED
			degree		o <sub>4</sub> – Some
			5 - Associate degree		college, no degree
			6 - Bachelor's degree		os – Associate
			7 - Master's degree		degree
			8 - Doctorate or		o <sub>6</sub> – Bachelor's
			Professional		degree
			degree 9		o7 – Master's
			-		degree
			Unknown		08 – Doctorate
					or Professional
					degree
					09 – Unknown
					(09 or 99?)
					(05 01 55:)
					***1992-2002***
					∞ - No education
					01 - Completed first
					grade
					02 - Completed second
					grade
					03 - Completed third
					grade
					04 - Completed fourth
					grade
					os - Completed fifth
					grade
					06 - Completed sixth
					grade
					07 - Completed
					seventh grade
					08 - Completed eighth
					grade
	1	<u> </u>	<u> </u>	l .	0

				og - Completed ninth grade 10 - Completed tenth grade 11 - Completed eleventh grade 12 - High school graduate 13 - Completed 1 year of college 14 - Completed 2 years of college 15 - Completed 3 years
				of college  16 - College graduate  17 - Post graduate  work  99 - Unknown/Not stated
142	Education Years If LE 8th Grade	Numeric; Max Length = 1	dadle8ed	***1980 1991***  ***2003-2016***  0 – No education  1-8 – 1st –  8th grade 9  – Unknown  ***1980-2002***  Not Collected
143		Numeric; Max Length = 1 09 - Unknown/Not Stated	ht_ft	***2003- 2016*** 9 - Unknown ***1980-2002*** Not Collected

Mother Height Inches	Height, Inches	Numeric; Max Length = 2 99 - Unknown/Not Stated	ht_in	***2003- 2016*** 99 – Unknown ***1980-2002*** Not Collected
Mother Weight Prior	Number of pounds Mother	Length = 3 999 - Unknown/Not Stated	wghtpre	***1992- 2016*** 999 - Unknown ***1980-1991*** 999 - Not Collected
Mother Weight at Delivery	Weight At Delivery	Numeric; Max Length = 3 999 - Unknown/Not Stated	wghtdelv	***2003- 2016*** 999 - Unknown ***1980-2002*** Not Collected

		1	T		
		"Data Quality			
		Technical			
		Notes - Weight			
		Gained			
		During			
		Pregnancy,			
		Prepregnancy			
		Weight and			
		Delivery			
		Weight."			
147	Mother Weight	Weight Gain	Numeric; Max	wghtgain	***2003-2016***
	Gain	During	Length = 3		This field is
		Pregnancy			calculated from
		Number of			prepregnancy and
		pounds Mother			delivery weights
		gained			(see fields 110 and
		during			213). 098 – 98+ lbs
		pregnancy.			for out of state
		Only whole			occurrences only
		number is kept.			
		Before using			***1989-2002***
		this field,			000 - No Weight
		see			Change or Lost
		"Data Quality			Weight
		Technical			999 - Unknown/Not
		Notes - Weight			Stated
		Gained			***1980-1988***
		During			999 - Not Collected
		Pregnancy,			333 Not conceted
		Prepregnancy			
		Weight and			
		Delivery			
		weight."			
		***2003-			
		present***			
		This field is			
		calculated			
		from			
		prepregnancy			
		and delivery			
		weights (see			

		fields 110 and 213). 098 – 98+ lbs for out of state occurrences only			
148	Mother BMI	Body Mass Index	Numeric; Max Length = 3 99.9 - Unknown	bmi	***2003- 2016*** 99.9 - Unknown ***1980-2002*** Not Collected
149	Cigarettes Smoked 3 Months Prior	Number Cigarettes Smoked 3 Months Before Preg	Numeric; Max Length = 4	cigs_bef	
150	Packs Smoked 3 Months Prior		Numeric; Max Length = 4		
151	Cigarettes Smoked 1st Tri	Number Cigarettes Smoked during 1st Trimester	Numeric; Max Length = 4	cigs_1 <sup>st</sup>	
152	Packs Smoked 1st Tri	Packs of Cigarettes Smoked during 1st Trimester	Numeric; Max Length = 4		

153	Cigarettes Smoked 2nd Tri	Number Cigarettes Smoked during 2nd Trimester	Numeric; Max Length = 4	cigs_2 <sup>nd</sup>	
154	Packs Smoked 2nd Tri	Packs of Cigarettes Smoked during 2nd Trimester	Numeric; Max Length = 4		
155	Cigarettes Smoked 3rd Tri	Number Cigarettes Smoked during 3rd Trimester	Numeric; Max Length = 4	cigs_3 <sup>rd</sup>	
156	Packs Smoked 3rd Tri	Packs of Cigarettes Smoked during 3rd Trimester	Numeric; Max Length = 4		
157	Mother Transfer	Mother Transferred After Attempted Delivery	Character; Max Length = 1 N - Not Transferred Y - Yes U - Unknown	trnsferm	***2003-2016*** N - Not Transferred Y - Yes U - Unknown  ***1989-2002*** o- Not Transferred 1- Birth Center 2- Home 3- Other 8 - Yes, Not Specified 9 - Unknown  ***1980-1988*** Blank Field - Not Collected

158	Source of Payment	Delivery Source of Payment Indicates principal source of payment for the delivery.	Numeric; Max Length = 1 1- Medicaid 2- Self-pay 3- Private Insurance 4- Other Government 5- Tricare (Champus) 6- Indian Health Care 7- Charity Care 8- Other 9- Unknown/Not Stated	delivpay	***2003-2016***  1- Medicaid  2- Self-pay  3- Private Insurance  4- Indian Health    Service  5- Tricare (Champus)  6- Other    Government  7- Charity Care  8- Other  9- Unknown/Not    Stated  ***1980-2002*** Not Collected. See 'Source of    payment for prenatal    care (field #105)
159	WIC	WIC Benefits Indicates whether the mother received WIC benefits during pregnancy. WIC (Women and Infant Children) is a free supplemental food and nutrition education program.	Character; Max Length = 1 Y - Yes N - No U - Unknown	wic_new	***2003-2016*** Y - Yes N - No U - Unknown  ***1980- 2002*** Not Collected.
160	Date First Prenatal Visit	Date First Prenatal Visit	Character; Max Length = 10 MM/DD/YYYY	fpvmd4y	
161	First Prenatal Visit Month	First Prenatal Visit Month	Character; Max Length = 2 MM	fpv_mo	88=No Prenatal Care

					CLITSTITO
162	First Prenatal Visit Day	First Prenatal Visit Day	Character; Max Length = 2 DD	fpv_da	88=No Prenatal Care
L63	First Prenatal Visit Year	First Prenatal Visit Year	Character; Max Length = 4 YYYY	fpv_yr	
64	Date Last Prenatal Visit	Date Last Prenatal Visit	Character; Max Length = 10 MM/DD/YYYY	lpvmd4y	
.65	Last Prenatal Visit Month	Last Prenatal Visit Month	Character; Max Length = 2 MM	lpv_mo	88=No Prenatal Care
.66	Last Prenatal Visit Day	Last Prenatal Visit Day	Character; Max Length = 2 DD	lpv_da	88=No Prenatal Care
L67	Last Prenatal Visit Year	Last Prenatal Visit Year	Character; Max Length = 4 YYYY	lpv_yr	8888=No Prenatal Care
168	Month Prenatal Care Began	Month Prenatal Care Began Indicates the month from the beginning of the pregnancy at which Mother entered prenatal care. Before using this field, see "Data Quality Technical Notes - Month Prenatal Care Began."	Numeric; Max Length = 10 99 - Unknown/Not Stated	pnatalmo	***1992-2016*** 000 - None 001 to 010 - First through tenth month 999 - Unknown  ***1980-1991*** 000 - None 001 to 008 - First through eighth month 009 - Ninth month or greater 999 - Unknown

field is

		calculated from date of first prenatal visit and menses date.			
169	NCHS Month Prenatal Care Began		Length = 3 99 - Unknown/Not Stated	pnatfed	***2011-2016*** 999 - Unknown
170	Number Prenatal Visits	Number of Prenatal Visits	Numeric; Max Length = 2 99 - Unknown/Not Stated	pnatalvs	***1993-2016*** 000 - None 099 - Unknown/Not Stated  ***1980-1992*** 000 - None 095 - Some 099 - Unknown/Not Stated

	Prior Live Births Living	Prior Live Births, Now Living	Numeric; Max Length = 2 00 - None 99 - Unknown/Not Stated	lb_nl	***1989-2016*** 000 - None 099 - Unknown/Not Stated  ***1984-1988*** 099 - Not Collected For related information see prior live births full term now living (lb_f_nl) and live births full term (lb_f84)  ***1980-1983*** 000 - None 099 - Unknown/Not Stated
172	Prior Live Births Deceased	Prior Live Births, Now	Numeric; Max Length = 2 00 - None 99 - Unknown	lb_nd	***1989-2016*** 000 - None 099 - Unknown/Not Stated  ***1984-1988*** 099 - Not Collected  ***1980-1983*** 000 - None 099 - Unknown/Not Stated
173	Last Live Birth Month	Last Live Birth Month	Numeric; Max Length = 2 MM	Ilb_mo	
174	Last Live Birth Year	Last Live Birth Year	Numeric; Max Length = 4 YYYY	llb_yr	
175	Other Preg Outcomes		Numeric; Max Length = 2 99 - Unknown/Not Stated	otherout	***2003-2016*** 000 - None 099 - Unknown/Not Stated (or 999?)

					***1980-2002*** Not Collected
176	Other Preg Outcomes Month	Outcomes	Numeric; Max Length = 2 MM	oth_mo	
177	Other Preg Outcomes Year	Outcomes Year	Numeric; Max Length = 4 YYYY	oth_yr	
178	Date Last Menses	Normal	Character; Max Length = 10 MM/DD/YYYY	mensmd4y	
179	Last Menses Month	Last Menses Month	Character; Max Length = 2 MM	mens_mo	
180	Last Menses Day	Last Menses Day	Character; Max Length = 2 DD	mens_da	
181	Last Menses Year	Year	Character; Max Length = 4 YYYY	mens_yr	
182	Gestation Estimate	Weeks In weeks as	Numeric; Max Length = 2 40 - Full Term or Forty Weeks 99 - Unknown	gest_est	***1989-2016*** 40 - Full Term or Forty Weeks 99 - Unknown  ***1980-1988*** 000 - Not Collected

***1980-2016***
Method of
calculation different
from method used in
pre-2005 CDs, see
Data Quality
Technical Notes
99 - Missing, Not
able to calculate
able to calculate
***2003-2016***
o - Gestcalc was
calculated based
on Date of Birth and
Last
Menses Date.
1 - Gestcalc was
based on clinical
estimate of
gestation.
9 - Gestcalc could not
be calculated
or estimated
10.000
***1980-2002***
0 - Gestcalc was
calculated based on
Date of Birth and
Last Menses Date. 1
- Gestcalc was

				estimated based on Birth weight. 9 - Gestcalc could not be calculated or estimated
185 Prepreg Diabete	Medical Risk Factor, Diabetes, Prepregnancy	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, diabetes	Diabetes  ***2003-2016***  E - Prepregnancy  G - Gestational  U - Unknown  Blank - No Diabetes  ***mid 1992- 2002***  E - Established  G - Gestational  Blank - No Diabetes  ***1989-mid  1992***  E - Established  G - Gestational  U - Unknown whether  Established or  Gestational  Blank - No Diabetes  ***1980-1988***  Blank Field - Not  Collected  Medical Risk Factors  ***2003-2016***  o1 - Diabetes  D1 - Diabetes  - Hypertension  O3 - Previous  Preterm Births

				previous Poor Pregnancy Outcome pregnancy Outcome pregnancy Prior to the Onset of Labor pregnancy Resulted from Infertility Treatment previous Cesarean Delivery pregnancy Breutous Cesarean Delivery pregnancy Breutous Culture
186	Diabetes	Factor, Diabetes, Gestational	Character; Max Length = 1 Y - Yes N - No U - Unknown	Positi e Diabetes  ***2003-2016*** E - Prepregnancy G - Gestational U - Unknown Blank - No Diabetes  ***mid 1992- 2002*** E - Established G - Gestational Blank - No Diabetes  ***1989-mid 1992*** E - Established G - Gestational U - Unknown whether Established or Gestational Blank - No Diabetes  ***1980-1988***

DSA #: 2028-11-02 CLH 31110

Collected  Medical Risk Factors  ***2003-2016***  o1 - Diabetes  o2 - Hypertension  o3 - Previous Preterm  Births  o4 - Other Previous  Poor Pregnancy  Outcome  o5 - Vaginal Bleeding  During This  Pregnancy Prior to the  Onset of Labor  o6 - Pregnancy  Resulted from  Infertility Treatment  o7 - Mother Had a  Previous Cesarean  Delivery  o8 - Group B  Streptococcus  Culture			Blank Field - Not
***2003-2016***  o1 - Diabetes  o2 - Hypertension  o3 - Previous Preterm  Births  o4 - Other Previous  Poor Pregnancy  Outcome  o5 - Vaginal Bleeding  During This  Pregnancy Prior to the  Onset of Labor  o6 - Pregnancy  Resulted from  Infertility Treatment  o7 - Mother Had a  Previous Cesarean  Delivery  o8 - Group B  Streptococcus			Collected
***2003-2016***  o1 - Diabetes  o2 - Hypertension  o3 - Previous Preterm  Births  o4 - Other Previous  Poor Pregnancy  Outcome  o5 - Vaginal Bleeding  During This  Pregnancy Prior to the  Onset of Labor  o6 - Pregnancy  Resulted from  Infertility Treatment  o7 - Mother Had a  Previous Cesarean  Delivery  o8 - Group B  Streptococcus			Medical Risk Factors
o1- Diabetes o2- Hypertension o3- Previous Preterm Births o4- Other Previous Poor Pregnancy Outcome o5- Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor o6- Pregnancy Resulted from Infertility Treatment o7- Mother Had a Previous Cesarean Delivery o8- Group B Streptococcus			
oz - Hypertension os — Previous Preterm Births ou — Other Previous Poor Pregnancy Outcome os — Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor on — Pregnancy Resulted from Infertility Treatment or — Mother Had a Previous Cesarean Delivery outcome os — Pregnancy Resulted from Infertility Treatment or — Mother Had a Previous Cesarean Delivery outcome			
o₃ – Previous Preterm Births o₄ – Other Previous Poor Pregnancy Outcome o₅ – Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor o₆ – Pregnancy Resulted from Infertility Treatment oၢ – Mother Had a Previous Cesarean Delivery o₃ – Group B Streptococcus			
Births  O4 — Other Previous Poor Pregnancy Outcome O5 — Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor O6 — Pregnancy Resulted from Infertility Treatment O7 — Mother Had a Previous Cesarean Delivery O8 — Group B Streptococcus			
Other Previous Poor Pregnancy Outcome So - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor On - Pregnancy Resulted from Infertility Treatment To - Mother Had a Previous Cesarean Delivery To - Group B Streptococcus			
Poor Pregnancy Outcome  55 – Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor  66 – Pregnancy Resulted from Infertility Treatment  67 – Mother Had a Previous Cesarean Delivery  68 – Group B Streptococcus			
Outcome  This  Pregnancy Prior to the Onset of Labor  Pregnancy Resulted from Infertility Treatment  Mor – Mother Had a Previous Cesarean Delivery  For Group B Streptococcus			
During This Pregnancy Prior to the Onset of Labor  — Pregnancy Resulted from Infertility Treatment  — Mother Had a Previous Cesarean Delivery  — Group B Streptococcus			_ ,
During This Pregnancy Prior to the Onset of Labor			
Pregnancy Prior to the Onset of Labor  — Pregnancy  Resulted from Infertility Treatment  — Mother Had a  Previous Cesarean  Delivery  — Group B  Streptococcus			
Onset of Labor  Onset of Labor			
Resulted from Infertility Treatment  7 — Mother Had a  Previous Cesarean  Delivery  8 — Group B  Streptococcus			
Infertility Treatment  The model of the mode			₀₀ – Pregnancy
Delivery  Group B  Streptococcus			Resulted from
Previous Cesarean  Delivery  B— Group B  Streptococcus			Infertility Treatment
Delivery  B – Group B  Streptococcus			₀₁ – Mother Had a
os – Group B Streptococcus			Previous Cesarean
Streptococcus			Delivery
			08 – Group B
Culture			Streptococcus
		 	Culture

Positive

Hypertension, Pactor, Hyperension, Prepregnancy N - Yes Prepregnancy N - No U - Unknown Hyperension W - Varies W - Pregnancy Outcome  ∞ - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor ∞ - Pregnancy Resulted from Infertility Treatment w - Mother Had a Previous Cesarean Delivery W - Group B Streptococcus Culture Positive w - None of the Above 99 - Unknown/Not Stated  ***1992-2002*** □ - Cardian Birosco	187	Prepreg	Medical Risk	Character; Max	mrf1 - mrf6,	Hypertension Flag
Prepregnancy U - Unknown U - Unknown Blank - No hypertension  ***1980-2002*** Not Collected. See individual medical risk factors (fields #59-64).  Medical Risk Factors  ***2003-2016***  01 - Diabetes  02 - Hypertension 03 - Previous Preterm Births 04 - Other Previous Poor Pregnancy Outcome 05 - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor 06 - Pregnancy Resulted from Infertility Treatment 07 - Mother Had a Previous Cesarean Delivery 08 - Group B Streptococcus Culture Positive 09 - None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anemia (HCT.<30/HGH.<10)		Hypertension	· ·	_	hyperflg	
U - Unknown Blank - No hypertension  ***1980-2002*** Not Collected. See individual medical risk factors (fields #59-64).  Medical Risk Factors  ***2003-2016***  ***2003-2016***  ***2003-2016***  ***2003-2016***  ***2003-2016***  ***2003-2016***  ***2003-2016***  ***2003-2016***  ***2003-2016***  ***19003-2016***  ***19003-2016***  ***19003-2016***  ***19003-2016***  ***19003-2016***  ***19003-2016***  ***19003-2016***  ***19003-2016***  ***19003-2016**  ***1900			= =			
Blank – No hypertension  ***1980-2002*** Not Collected. See individual medical risk factors (fields #59-64).  Medical Risk Factors  ***2003-2016*** 01- Diabetes 02- Hypertension 03- Previous Preterm Births 04- Other Previous Poor Pregnancy Outcome 05- Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor 06- Pregnancy Resulted from Infertility Treatment 07- Mother Had a Previous Cesarean Delivery 08- Group B Streptococcus Culture Positive 09- None of the Above 99- Unknown/Not Stated  ***1992-2002*** 01- Anemia (HCT.<30/HGH.<10)			Prepregnancy			
***1980-2002*** Not Collected. See individual medical risk factors (fields #59-64).  Medical Risk Factors ***2003-2016*** 01 - Diabetes 02 - Hypertension 03 - Previous Preterm Births 04 - Other Previous Poor Pregnancy Outcome 05 - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor 06 - Pregnancy Resulted from Infertility Treatment 07 - Mother Had a Previous Cesarean Delivery 08 - Group B Streptococcus Culture Positive 09 - Unknown/Not Stated ***1992-2002*** 01 - Anemia (HCT.<30/HGH.<10)				U - Unknown		
Not Collected. See individual medical risk factors (fields #59-64).  Medical Risk Factors ****2003-2016*** 01 Diabetes 02 Hypertension 03 Previous Preterm Births 04 Other Previous Poor Pregnancy Outcome 05 Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor 06 Pregnancy Resulted from Infertility Treatment 07 Mother Had a Previous Cesarean Delivery 08 Group B Streptococcus Culture Positive 09 None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anemia (HCT.<30/HGH.<10)						Blank – No hypertension
individual medical risk factors (fields #59-64).  Medical Risk Factors ***2003-2016*** 01- Diabetes 02- Hypertension 03- Previous Preterm Births 04- Other Previous Poor Pregnancy Outcome 05- Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor 06- Pregnancy Resulted from Infertility Treatment 07- Mother Had a Previous Cesarean Delivery 08- Group B Streptococcus Culture Positive 09- None of the Above 99- Unknown/Not Stated  ***1992-2002*** 01- Anemia (HCT.<30/HGH.<10)						***1980-2002***
factors (fields #59-64).  Medical Risk Factors  ***2003-2016***  □¹ - Diabetes  □² - Hypertension  □₃ - Previous Preterm  Births  □ - Other Previous Poor  Pregnancy  Outcome  □ѕ - Vaginal Bleeding  During This  Pregnancy Prior to the  Onset of Labor  □ - Pregnancy Resulted  from  Infertility Treatment  □ႛ - Mother Had a  Previous Cesarean  Delivery  □ - Group B  Streptococcus Culture  Positive  □ - None of the Above  99 - Unknown/Not  Stated  ***1992-2002***  □¹ - Anemia  (HCT.<30/HGH.<10)						Not Collected. See
Medical Risk Factors  ***2003-2016***  □¹ - Diabetes  □₂ - Hypertension  □₃ - Previous Preterm  Births  □₄ - Other Previous Poor  Pregnancy  Outcome  □ѕ - Vaginal Bleeding  During This  Pregnancy Prior to the Onset of Labor  □₅ - Pregnancy Resulted from  Infertility Treatment  □ - Mother Had a  Previous Cesarean  Delivery  □ѕ - Group B  Streptococcus Culture  Positive  □ѕ - None of the Above  99 - Unknown/Not  Stated  ***1992-2002***  □¹ - Anemia  (HCT.<30/HGH.<10)						
***2003-2016*** 01 - Diabetes 02 - Hypertension 03 - Previous Preterm Births 04 - Other Previous Poor Pregnancy Outcome 05 - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor 06 - Pregnancy Resulted from Infertility Treatment 07 - Mother Had a Previous Cesarean Delivery 08 - Group B Streptococcus Culture Positive 09 - None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anemia (HCT.<30/HGH.<10)						factors (fields #59-64).
o1 - Diabetes o2 - Hypertension o3 - Previous Preterm Births o4 - Other Previous Poor Pregnancy Outcome o5 - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor o6 - Pregnancy Resulted from Infertility Treatment o7 - Mother Had a Previous Cesarean Delivery o8 - Group B Streptococcus Culture Positive o9 - None of the Above 99 - Unknown/Not Stated  ***1992-2002*** o1 - Anemia (HCT.<30/HGH.<10)						
o₂ - Hypertension o₃ - Previous Preterm Births o₄ - Other Previous Poor Pregnancy Outcome o₅ - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor o₅ - Pregnancy Resulted from Infertility Treatment o₁ - Mother Had a Previous Cesarean Delivery o₅ - Group B Streptococcus Culture Positive o∍ - None of the Above o₁ - Unknown/Not Stated ***1992-2002*** o₁ - Anemia (HCT.<30/HGH.<10)						
o3 − Previous Preterm Births o4 − Other Previous Poor Pregnancy Outcome o5 − Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor o6 − Pregnancy Resulted from Infertility Treatment o7 − Mother Had a Previous Cesarean Delivery o8 − Group B Streptococcus Culture Positive o9 − None of the Above 99 - Unknown/Not Stated ***1992-2002*** o1 - Anemia (HCT.<30/HGH.<10)						
Births 04 – Other Previous Poor Pregnancy Outcome 05 – Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor 06 – Pregnancy Resulted from Infertility Treatment 07 – Mother Had a Previous Cesarean Delivery 08 – Group B Streptococcus Culture Positive 09 – None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anemia (HCT.<30/HGH.<10)						02 - Hypertension
outcome os – Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor os – Pregnancy Resulted from Infertility Treatment or – Mother Had a Previous Cesarean Delivery os – Group B Streptococcus Culture Positive op – None of the Above 99 - Unknown/Not Stated  ***1992-2002*** oi- Anemia (HCT.<30/HGH.<10)						03 – Previous Preterm
Pregnancy Outcome  05 – Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor  06 – Pregnancy Resulted from Infertility Treatment 07 – Mother Had a Previous Cesarean Delivery 08 – Group B Streptococcus Culture Positive 09 – None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anemia (HCT.<30/HGH.<10)						Births
Outcome  05 – Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor  06 – Pregnancy Resulted from Infertility Treatment 07 – Mother Had a Previous Cesarean Delivery 08 – Group B Streptococcus Culture Positive 09 – None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anemia (HCT.<30/HGH.<10)						<sub>04</sub> – Other Previous Poor
os – Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor os – Pregnancy Resulted from Infertility Treatment or – Mother Had a Previous Cesarean Delivery os – Group B Streptococcus Culture Positive os – None of the Above 99 - Unknown/Not Stated  ***1992-2002*** oi - Anemia (HCT.<30/HGH.<10)						Pregnancy
During This Pregnancy Prior to the Onset of Labor  6 – Pregnancy Resulted from Infertility Treatment 7 – Mother Had a Previous Cesarean Delivery 6 – Group B Streptococcus Culture Positive 9 – None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 61 - Anemia (HCT.<30/HGH.<10)						Outcome
During This Pregnancy Prior to the Onset of Labor  6 – Pregnancy Resulted from Infertility Treatment 7 – Mother Had a Previous Cesarean Delivery 6 – Group B Streptococcus Culture Positive 9 – None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 61 - Anemia (HCT.<30/HGH.<10)						os – Vaginal Bleeding
Pregnancy Prior to the Onset of Labor  65 – Pregnancy Resulted from Infertility Treatment  67 – Mother Had a Previous Cesarean Delivery  68 – Group B Streptococcus Culture Positive  69 – None of the Above 99 - Unknown/Not Stated  ***1992-2002***  61 - Anemia (HCT.<30/HGH.<10)						During This
Onset of Labor  06 – Pregnancy Resulted from Infertility Treatment 07 – Mother Had a Previous Cesarean Delivery 08 – Group B Streptococcus Culture Positive 09 – None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anemia (HCT.<30/HGH.<10)						_
o6- Pregnancy Resulted from Infertility Treatment o7- Mother Had a Previous Cesarean Delivery o8- Group B Streptococcus Culture Positive o9- None of the Above 99 - Unknown/Not Stated  ***1992-2002*** o1- Anemia (HCT.<30/HGH.<10)						
from Infertility Treatment 07 — Mother Had a Previous Cesarean Delivery 08 — Group B Streptococcus Culture Positive 09 — None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anemia (HCT.<30/HGH.<10)						
Infertility Treatment  o7 – Mother Had a  Previous Cesarean  Delivery  o8 – Group B  Streptococcus Culture  Positive  o9 – None of the Above  99 - Unknown/Not  Stated  ***1992-2002***  o1 - Anemia  (HCT.<30/HGH.<10)						
o7 — Mother Had a Previous Cesarean Delivery 08 — Group B Streptococcus Culture Positive 09 — None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anemia (HCT.<30/HGH.<10)						
Previous Cesarean Delivery 08 – Group B Streptococcus Culture Positive 09 – None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anemia (HCT.<30/HGH.<10)						
Delivery  08 — Group B  Streptococcus Culture  Positive  09 — None of the Above  99 - Unknown/Not  Stated  ***1992-2002***  01 - Anemia  (HCT.<30/HGH.<10)						
os- Group B Streptococcus Culture Positive o9- None of the Above 99 - Unknown/Not Stated  ***1992-2002*** o1- Anemia (HCT.<30/HGH.<10)						
Streptococcus Culture Positive  99 – None of the Above  99 - Unknown/Not Stated  ***1992-2002***  01 - Anemia (HCT.<30/HGH.<10)						•
Positive  99 - None of the Above  99 - Unknown/Not Stated  ***1992-2002***  01 - Anemia (HCT.<30/HGH.<10)						·
09 – None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anemia (HCT.<30/HGH.<10)						
99 - Unknown/Not Stated ***1992-2002*** o1 - Anemia (HCT.<30/HGH.<10)						
Stated  ***1992-2002***  o1 - Anemia  (HCT.<30/HGH.<10)						
***1992-2002***  o1 - Anemia (HCT.<30/HGH.<10)						
01 - Anemia (HCT.<30/HGH.<10)						Stateu
(HCT.<30/HGH.<10)						***1992-2002***
						01 - Anemia
						(HCT.<30/HGH.<10)
						<sub>02</sub> - Cardiac Disease

					03 - Acute or Chronic Lung Disease
188	Gestational Hypertension	Medical Risk Factor, Hypertension, Gestational	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, hyperflg	04 Diabetes  Hypertension Flag  ***2003- 2016*** E - Prepregnancy G - Gestational U - Unknown Blank - No hypertension  ***1980-2002*** Not Collected. See individual medical risk factors (fields #59-64).  Medical Risk Factors  ***2003-2016*** 01 - Diabetes 02 - Hypertension 03 - Previous Preterm  Births 04 - Other Previous Poor  Pregnancy

DSA #: 2028-11-02 CLH 31110

			Outcome
			os – Vaginal Bleeding
			During This
			Pregnancy Prior to the
			Onset of Labor
			<sub>06</sub> – Pregnancy Resulted
			from
			Infertility Treatment
			07 – Mother Had a
			Previous Cesarean
			Delivery
			<sub>08</sub> – Group B
			Streptococcus Culture
			Positive
			<sub>09</sub> – None of the Above
			99 - Unknown/Not
			Stated
			***1992-2002***
			o1 - Anemia
			(HCT.<30/HGH.<10)
			<sub>02</sub> - Cardiac Disease
			03 - Acute or Chronic
			Lung Disease
l .	ı	1	04 Dishetes

04 Diabetes

189	Hypertension	Medical Risk	Character; Max	mrf1 - mrf6	***2003-2016***
	Eclampsia	Factor,	Length = 1		01 - Diabetes
		Hypertension,	Y - Yes		02 - Hypertension
		Eclampsia	N - No		03 – Previous Preterm
			U - Unknown		Births
					04 – Other Previous
					Poor Pregnancy
					Outcome
					05 – Vaginal Bleeding
					During This
					Pregnancy Prior to
					the Onset of Labor
					<sub>06</sub> – Pregnancy
					Resulted from
					Infertility Treatment
					07 – Mother Had a
					Previous Cesarean
					Delivery
					<sub>08</sub> – Group B
					Streptococcus
					Culture
					Positive
					09 – None of the
					Above
					99 - Unknown/Not
					Stated
					***1992-2002***
					o1 - Anemia
					(HCT.<30/HGH.<10)
					o2 - Cardiac
					Disease
					o3 - Acute or
					Chronic Lung Disease
					o <sub>4</sub> - Diabetes
					os - Genital
					Herpes
					06 -
					Polyhydramnios
					07 -
					Oligohydramnios
					Oligoriyaranını

				Hemoglobinopathy  - Chronic  Hypertension  - Hypertension,  Pregnancy-  Associated  - Eclampsia - Incompetent  Cervix - Previous  Infant 4000+ Grams - Previous  Preterm or Small-For-
190 Preterm Births	Medical Risk Factor, Previous Preterm Birth	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	Gestational A e Infant ***2003-2016***  o1 - Diabetes  o2 - Hypertension  o3 - Previous Preterm  Births  o4 - Other Previous  Poor Pregnancy  Outcome  o5 - Vaginal Bleeding  During This  Pregnancy Prior to the Onset of Labor  o6 - Pregnancy  Resulted from  Infertility Treatment  o7 - Mother Had a  Previous Cesarean  Delivery  o8 - Group B  Streptococcus  Culture

		Positive
		∞ − None of the
		Above
		99 - Unknown/Not
		Stated
		***1992-2002***
		<sub>01</sub> - Anemia
		(HCT.<30/HGH.<10)
		<sub>02</sub> - Cardiac
		Disease
		₀₃ - Acute or
		Chronic Lung Disease
		<sub>04</sub> - Diabetes
		os - Genital
		Herpes
		06 -
		Polyhydramnios
		07 -
		Oligohydramnios
		08 -
		Hemoglobinopathy
		<sub>09</sub> - Chronic
		Hypertension
		10 -
		Hypertension,
		Pregnancy-
		Associated
		<sub>11</sub> - Eclampsia
		12 - Incompetent
		Cervix
		13 - Previous
		Infant 4000+ Grams
		14 - Previous
		Preterm or Small-For-
1	1	Gestational

Gestational Age Infant

191	Poor Preg	Medical Risk	Character; Max	mrf1 - mrf6	***2003-2016***
	Outcomes		Length = 1		01 - Diabetes
		· ·	Y - Yes		<sub>02</sub> - Hypertension
			N - No		<sub>03</sub> – Previous Preterm
			U - Unknown		Births
					04 – Other Previous
					Poor Pregnancy
					Outcome
					os – Vaginal Bleeding
					During This
					Pregnancy Prior to
					the Onset of Labor
					<sub>06</sub> – Pregnancy
					Resulted from
					Infertility Treatment
					07 – Mother Had a
					Previous Cesarean
					Delivery
					<sub>08</sub> – Group B
					Streptococcus
					Culture
					Positive
					<sub>09</sub> – None of the
					Above
					99 - Unknown/Not
					Stated
					***1992-2002***
					o1 - Anemia
					(HCT.<30/HGH.<10)
					<sub>02</sub> - Cardiac
					Disease
					оз - Acute or
					Chronic Lung Disease
					04 - Diabetes
					os - Genital
					Herpes
					06 -
					Polyhydramnios
					07 -
					Oligohydramnios
					Chechyaraninos

					08 -
					Hemoglobinopathy
					o9 - Chronic
					Hypertension
					10 -
					Hypertension,
					Pregnancy-
					Associated
					11 - Eclampsia
					- Incompetent
					Cervix
					- Previous
					Infant 4000+ Grams
					- Previous
					Preterm or Small-For-
					Preteriii or Siliali-For-
192	Vaginal Bleeding		Character; Max	mrf1 - mrf6	Gestational A e Infant
		Factor,	Length = 1		***2003-2016***
		Vaginal	Y - Yes		o1 - Diabetes
		Bleeding	N - No U - Unknown		02 - Hypertension
			O - OTKHOWII		03 – Previous Preterm
					Births
					04 – Other Previous
					Poor Pregnancy
					Outcome
					os – Vaginal Bleeding
					During This
					Pregnancy Prior to
					the Onset of
					Labor
					o <sub>6</sub> – Pregnancy
					Resulted from
					Infertility Treatment
					07 – Mother Had a
					Previous Cesarean
					Delivery

			08 —	Group B
			St	treptococcus
			C	ulture
			Pos	itive
			09 —	None of the
			A	bove
			99 -	- Unknown/Not
			Sta <sup>-</sup>	ted
			***	1992-2002***
			01	- Anemia
				T.<30/HGH.<10)
			02	- Cardiac
				ease
				- Acute or
			03 Chr	
				onic Lung Disease
			04	- Diabetes
			05	- Genital
				pes
			06	<u>-</u>
			Pol	yhydramnios
			07	-
			Olig	gohydramnios
			08	-
			Her	moglobinopathy
			09	- Chronic
			Нур	pertension
			10	-
			Нур	pertension,
			Pre	gnancy-
			Ass	ociated
			11	- Eclampsia
			12	- Incompetent
			Cer	
			13	- Previous
			Infa	ant 4000+ Grams
 <u> </u>	l	l		Previous

14 Previous Preterm or Small For

193 Fertility	Medical Risk	Character; Max	mrf1 - mrf6	***2003-2016***
Treatment	Factor,	Length = 1		01 - Diabetes
	Infertility	Y - Yes		<sub>02</sub> - Hypertension
	Treatments,	N - No		<sub>03</sub> – Previous Preterm
	Drugs	U - Unknown		Births
	_			04 – Other Previous
				Poor Pregnancy
				Outcome
				<sub>05</sub> – Vaginal Bleeding
				During This
				Pregnancy Prior to
				the Onset of Labor
				06 - Pregnancy
				Resulted from
				Infertility Treatment
				<sub>07</sub> – Mother Had a
				Previous Cesarean
				Delivery
				08 – Group B
				Streptococcus
				Culture
				Positive
				09 – None of the
				Above
				99 - Unknown/Not
				Stated
				***1992-2002***
				01 - Anemia
				(HCT.<30/HGH.<10)
				o <sub>2</sub> - Cardiac
				Disease
				o3 - Acute or
				Chronic Lung Disease
				04 - Diabetes
				os - Genital
				Herpes
				06 -
				Polyhydramnios
				o7 -
				Oligohydramnios
				Oligoriyuramiilos

					Hemoglobinopathy  - Chronic  Hypertension  - Hypertension,  Pregnancy-  Associated - Eclampsia - Incompetent  Cervix - Previous  Infant 4000+ Grams - Previous  Preterm or Small-For-
194	Assisted Reproduction	Medical Risk Factor, Infertility Treatments, ART	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	Gestational A e Infant ***2003-2016***  o1 - Diabetes  o2 - Hypertension  o3 - Previous Preterm  Births  o4 - Other Previous  Poor Pregnancy  Outcome  o5 - Vaginal Bleeding  During This  Pregnancy Prior to the Onset of Labor  o6 - Pregnancy  Resulted from  Infertility Treatment  o7 - Mother Had a  Previous Cesarean  Delivery  o8 - Group B  Streptococcus  Culture

		Positive
		∞ − None of the
		Above
		99 - Unknown/Not
		Stated
		***1992-2002***
		<sub>01</sub> - Anemia
		(HCT.<30/HGH.<10)
		<sub>02</sub> - Cardiac
		Disease
		₀₃ - Acute or
		Chronic Lung Disease
		<sub>04</sub> - Diabetes
		os - Genital
		Herpes
		06 -
		Polyhydramnios
		07 -
		Oligohydramnios
		08 -
		Hemoglobinopathy
		<sub>09</sub> - Chronic
		Hypertension
		10 -
		Hypertension,
		Pregnancy-
		Associated
		<sub>11</sub> - Eclampsia
		12 - Incompetent
		Cervix
		13 - Previous
		Infant 4000+ Grams
		14 - Previous
		Preterm or Small-For-
1	1	Gestational

Gestational Age Infant

195 Previ	ious	Medical Risk	Character; Max	mrf1 - mrf6	***2003-2016***
Cesa			Length = 1		01 - Diabetes
		*	Y - Yes		<sub>02</sub> - Hypertension
	(	Cesarean	N - No		<sub>03</sub> – Previous Preterm
		Section	U - Unknown		Births
					04 – Other Previous
					Poor Pregnancy
					Outcome
					05 – Vaginal Bleeding
					During This
					Pregnancy Prior to
					the Onset of Labor
					<sub>06</sub> – Pregnancy
					Resulted from
					Infertility Treatment
					07 – Mother Had a
					Previous
					Cesarean Delivery
					<sub>08</sub> – Group B
					Streptococcus
					Culture
					Positive
					09 – None of the
					Above
					99 - Unknown/Not
					Stated
					***1992-2002***
					01 - Anemia
					(HCT.<30/HGH.<10)
					02 - Cardiac
					Disease
					03 - Acute or
					Chronic Lung Disease
					04 - Diabetes
					os - Genital
					Herpes
					06 -
					Polyhydramnios
					07 -
					Oligohydramnios
					Chgoriyaraninos

				Hemoglobinopathy  - Chronic  Hypertension  - Hypertension,  Pregnancy-  Associated  - Eclampsia - Incompetent  Cervix - Previous  Infant 4000+ Grams - Previous  Preterm or Small-For-
196	Cesarean	Factor, Number	prev_cno	Gestational A e Infant

197 Group B Strep	Medical Risk	Character; Max	mrf1 - mrf6	***2003-2016***
137 G134p 5 3t1Cp		Length = 1		01 - Diabetes
	B Strep	Y - Yes		<sub>02</sub> - Hypertension
		N - No		<sub>03</sub> – Previous Preterm
		U - Unknown		Births
				04 – Other Previous
				Poor Pregnancy
				Outcome
				<sub>05</sub> – Vaginal Bleeding
				During This
				Pregnancy Prior to
				the Onset of Labor
				<sub>06</sub> – Pregnancy
				Resulted from
				Infertility Treatment
				o7 – Mother Had a
				Previous Cesarean
				Delivery
				08 – Group B
				Streptococcus
				Culture
				Positive
				09 – None of the
				Above
				99 - Unknown/Not
				Stated
				***1992-2002***
				<sub>01</sub> - Anemia
				(HCT.<30/HGH.<10)
				<sub>02</sub> - Cardiac
				Disease
				оз - Acute or
				Chronic Lung Disease
				04 - Diabetes
				os - Genital
				Herpes
				06 -
				Polyhydramnios
				07 -
				Oligohydramnios
		l	_1	- 1.50.174.41111105

					Hemoglobinopathy  - Chronic Hypertension  - Hypertension, Pregnancy- Associated - Eclampsia - Incompetent Cervix - Previous Infant 4000+ Grams - Previous Preterm or Small-For-
					Gestational Age Infant
198	Risk Factors None	Factor, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	***2003-2016***  oi - Diabetes  oi - Hypertension  oi - Previous Preterm  Births  oi - Other Previous  Poor Pregnancy  Outcome  oi - Vaginal Bleeding  During This  Pregnancy Prior to the Onset of Labor  oi - Pregnancy  Resulted from  Infertility Treatment  oi - Mother Had a  Previous Cesarean  Delivery

	₀∞ – Group B
	Streptococcus
	Culture
	Positive
	09 - None of the
	Above
	99 - Unknown/Not
	Stated
	***1992-2002***
	01 - Anemia
	(HCT.<30/HGH.<10)
	<sub>02</sub> - Cardiac
	Disease
	o3 - Acute or
	Chronic Lung Disease
	04 - Diabetes
	os - Genital
	Herpes
	06 -
	Polyhydramnios
	07 -
	Oligohydramnios
	08 -
	Hemoglobinopathy
	o9 - Chronic
	Hypertension
	10 -
	Hypertension,
	Pregnancy-
	Associated
	11 - Eclampsia
	12 - Incompetent
	Cervix
	13 - Previous
	Infant 4000+ Grams
	14 - Previous
	Preterm or Small-For-

100 Rick Factors	Modical Bisk	Character May	mrf1 - mrf6	Costational A a Infort
199 Risk Factors	Medical Risk	Character; Max	HILLT - HILLP	Gestational A e Infant
Unknown	Factor, Unknown	Length = 1 Y - Yes		***2003-2016*** o1 - Diabetes
	Unknown	N - No		
		U - Unknown		02 - Hypertension
		U - Ulikilowii		03 – Previous Preterm
				Births
				<sub>04</sub> – Other Previous
				Poor Pregnancy
				Outcome
				05 – Vaginal Bleeding
				During This
				Pregnancy Prior to
				the Onset of Labor
				06 – Pregnancy
				Resulted from
				Infertility Treatment
				07 – Mother Had a
				Previous Cesarean
				Delivery
				08 – Group B
				Streptococcus
				Culture
				Positive
				09 – None of the
				Above
				99 - Unknown/Not
				Stated
				***1992-2002***
				o1 - Anemia
				(HCT.<30/HGH.<10)
				02 - Cardiac
				Disease
				03 - Acute or
				Chronic Lung Disease
				o4 - Diabetes
				os - Genital
				Herpes
				06 -
				Polyhydramnios
				07 -
				Oligohydramnios

		Hemoglobinopathy  - Chronic  Hypertension  - Hypertension,  Pregnancy-  Associated  - Eclampsia  - Incompetent  Cervix  - Previous  nfant 4000+ Grams  - Previous  Preterm or Small-For-
	1 	4 - Previous

Gestational Age Infant

200	Gonorrhea	Maternal	Character; Max	minfect1 - minfect7	***20	03-2016***
		Infections,	Length = 1		01	<ul><li>Gonorrhea</li></ul>
		Gonorrhea	Y - Yes		02	– Syphilis
			N - No		03	– Herpes
			U - Unknown		Simple	ex Virus (HSV)
					04	– Chlamydia
					05	– Hepatitis
					B06 –	Hepatitis C 07
					– HIV I	Infection 08 –
					Other	Specify:
					09 – N	one of the
					Above	
					99 - U	nknown/Not
					Stated	
					***19	80-2002***
					Not co	llected

					T
201	Syphilis	Maternal	Character; Max	minfect1 - minfect7	***2003-2016***
		Infections,	Length = 1		o1 – Gonorrhea
		Syphilis	Y - Yes		o2 - Syphilis
			N - No		оз – Herpes
			U - Unknown		Simplex Virus (HSV)
					<sub>04</sub> – Chlamydia
					os – Hepatitis
					B06 – Hepatitis C 07
					– HIV Infection 08 –
					Other Specify:
					09 – None of the
					Above
					99 - Unknown/Not
					Stated
					***1980-2002***
					Not collected
202	Herpes	Maternal	Character; Max	minfect1 - minfect7	***2003-2016***
		Infections,	Length = 1		o1 – Gonorrhea
		Herpes	Y - Yes		<sub>02</sub> – Syphilis
		Simplex Virus	N - No		оз – Herpes
		(HSV)	U - Unknown		Simplex Virus (HSV)
					<sub>04</sub> – Chlamydia
					<sub>05</sub> – Hepatitis
					B06 – Hepatitis C 07
					– HIV Infection 08 –
					Other Specify:
					09 – None of the
					Above
					99 - Unknown/Not
					Stated
1	1	1	1	I	i .
					***1980-2002*** Not collected

					ate at a table at a second at
203	Chlamydia	Maternal	Character; Max	minfect1 - minfect7	***2003-2016***
		Infections,	Length = 1		o1 – Gonorrhea
		Chlamydia	Y - Yes		<sub>02</sub> – Syphilis
			N - No		o3 – Herpes
			U - Unknown		Simplex Virus (HSV)
					04 <b>– Chlamydia</b>
					os – Hepatitis
					B06 – Hepatitis C 07
					– HIV Infection 08 –
					Other Specify:
					09 – None of the
					Above
					99 - Unknown/Not
					Stated
					***1980-2002***
					Not collected
204	Нер В	Maternal	Character; Max	minfect1 - minfect7	***2003-2016***
		Infections,	Length = 1		o1 – Gonorrhea
		Hepatitis B	Y - Yes		<sub>02</sub> – Syphilis
			N - No		<sub>03</sub> – Herpes
			U - Unknown		Simplex Virus (HSV)
					<sub>04</sub> – Chlamydia
					os - Hepatitis B
					<sub>06</sub> – Hepatitis
					C07 – HIV Infection
					08 – Other Specify:
					09 – None of the
1	l	1	İ		ı
					Above
					Above 99 - Unknown/Not
					99 - Unknown/Not

205	Нер С	Maternal Infections, Hepatitis C	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016***  o1 — Gonorrhea  o2 — Syphilis  o3 — Herpes  Simplex Virus (HSV)  o4 — Chlamydia  o5 — Hepatitis B  o6 — Hepatitis  C07 — HIV Infection  08 — Other Specify:  09 — None of the  Above  99 - Unknown/Not  Stated  ***1980-2002***  Not collected
206	HIV	Maternal Infections, HIV Infection	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016***  o1 — Gonorrhea  o2 — Syphilis  o3 — Herpes  Simplex Virus (HSV)  o4 — Chlamydia  o5 — Hepatitis  B06 — Hepatitis C 07  — HIV Infection 08 —  Other Specify:  09 — None of the  Above  99 - Unknown/Not  Stated  ***1980-2002***  Not collected
207	Infections Other	Maternal Infections, Other	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016***  o1 — Gonorrhea  o2 — Syphilis  o3 — Herpes  Simplex Virus (HSV)  o4 — Chlamydia  o5 — Hepatitis  B06 — Hepatitis C 07

	Infections Other Specify	Maternal Infections, Other Literal Specify	Character; Max Length = 60		- HIV Infection <b>08</b> - <b>Other Specify:</b> 09 - None of the  Above  99 - Unknown/Not  Stated  ***1980-2002***  Not collected
209	Infections None	Maternal Infections, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016***  101 — Gonorrhea  102 — Syphilis  103 — Herpes  Simplex Virus (HSV)  104 — Chlamydia  105 — Hepatitis  106 — Hepatitis C 07  107 — HIV Infection 08 —  Other Specify:  109 — None of the  Above  109 - Unknown/Not  Stated  101 ***1980-2002***  Not collected
210	Infect Unknown	Maternal Infections, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016***  101 — Gonorrhea  102 — Syphilis  103 — Herpes  Simplex Virus (HSV)  104 — Chlamydia  105 — Hepatitis  106 — Hepatitis C 07  107 — HIV Infection 08 —  Other Specify:  109 — None of the  Above

					99 - Unknown/Not Stated
					***1980-2002***
					Not collected
211	Cervical Cerclage	Obstetric Procedure, Cervical Cerclage	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4	***2003-2016***  1 — Cervical Cerclage  2 - Tocolysis  3 — External Cephalic Version  4 — None of the above  9 - Unknown/Not Stated  ***1992-2002***  1 - Amniocentesis  2 - Electronic Fetal Monitoring  3 - Induction of Labor  4 - Stimulation of Labor  5 - Tocolysis  6 - Ultrasound  7 - None  8 - Other  9 - Unknown/Not Stated  ***1989-1991***  0 - None  1 - Amniocentesis  2 - Electronic Fetal Monitoring  3 - Induction of Labor  4 - Stimulation of Labor  Tocolysis
					5 - Tocolysis 6 - Ultrasound

					8- Other 9- Unknown/Not Stated ***1980-1988***
212	Tocolysis	Obstetric Procedure, Tocolysis	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4	Blk N t C llt d ***2003-2016***  1— Cervical Cerclage  2- Tocolysis  3— External Cephalic Version  4— None of the above 9 - Unknown/Not Stated
					***1992-2002***  1 - Amniocentesis  2 - Electronic Fetal  Monitoring  3 - Induction of Labor  4 - Stimulation of  Labor  5 - Tocolysis  6 - Ultrasound  7 - None  8 - Other  9 - Unknown/Not  Stated

				***1989-1991***  o- None  1- Amniocentesis  2- Electronic Fetal     Monitoring  3- Induction of Labor  4- Stimulation of     Labor  5- Tocolysis  6- Ultrasound  8- Other  9- Unknown/Not     Stated  ***1980-1988***
213 ECV Success	Obstetric Procedure, External Cephalic Version, Successful	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4, cephaflg	External Cephalic Version Flag ***2003-2016*** N - No S - Successful F - Failed U - Unknown Y - Yes, result unspecified  ***1980- 2002*** Not Collected.  Obstetric Procedures ***2003-2016*** 1- Cervical Cerclage 2- Tocolysis 3- External Cephalic Version 4- None of the above 9 - Unknown/Not Stated

214	ECV Enilod	Obstatric	Character: May	ohnroc1 - ohnroc4	***1992-2002***  1- Amniocentesis  2- Electronic Fetal    Monitoring  3- Induction of Labor  4- Stimulation of    Labor  5- Tocolysis  6- Ultrasound  7- None  8- Other  9- Unknown/Not    Stated  ***1989-1991***  0- None  1- Amniocentesis
214	ECV Failed	Obstetric Procedure, External Cephalic Version, Failed	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4, cephaflg	2 Ele troni Fetal Monitorin External Cephalic Version Flag ***2003-2016*** N - No S - Successful F - Failed U - Unknown Y - Yes, result unspecified  ***1980- 2002*** Not Collected.  Obstetric Procedures ***2003-2016*** 1 - Cervical Cerclage 2 - Tocolysis 3 - External Cephalic Version

				4- None of the above 9 - Unknown/Not Stated  ***1992-2002*** 1- Amniocentesis 2- Electronic Fetal Monitoring 3- Induction of Labor 4- Stimulation of Labor
				5 - Tocolysis 6 - Ultrasound 7 - None 8 - Other 9 - Unknown/Not Stated
215 Ohstet Proc	Obstetric	Character: May	ohnroc1 - ohnroc4	***1989-1991***  o- None  1- Amniocentesis  ***2003-2016***
215 Obstet Proc None	Procedure, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4	1 – Cervical Cerclage 2 - Tocolysis 3 – External Cephalic Version 4 – None of the above 9 - Unknown/Not Stated
				***1992-2002***  1 - Amniocentesis  2 - Electronic Fetal  Monitoring  3 - Induction of Labor  4 - Stimulation of  Labor  5 - Tocolysis  6 - Ultrasound  7 - None  8 - Other

					9 - Unknown/Not Stated
					***1989-1991*** o- None
					1 - Amniocentesis
					2 - Electronic Fetal
					Monitoring
					3 - Induction of Labor
					4 - Stimulation of
					Labor
					5 - Tocolysis
					6 - Ultrasound
					8 - Other
					9 - Unknown/Not
					Stated
					***1980-1988***
216	Obstet Proc	Obstetric	Character; Max	obproc1 - obproc4	Blk NtClltd
	Unknown	Procedure, Unknown	Length = 1 Y - Yes		***2003-2016*** 1- Cervical Cerclage
		Olikilowii	N - No		2 - Tocolysis
			U - Unknown		3 – External Cephalic
					Version
					4 – None of the above
					9 - Unknown/Not
					Stated
					***1992-2002***
					1 - Amniocentesis
					2 - Electronic Fetal
					Monitoring
					3 - Induction of Labor
					4 - Stimulation of
					Labor
					5 - Tocolysis 6 - Ultrasound
					7- None
					8- Other
					9 - Unknown/Not
					Stated

					***1989-1991***  o- None  1- Amniocentesis  2- Electronic Fetal    Monitoring  3- Induction of Labor  4- Stimulation of    Labor  5- Tocolysis  6- Ultrasound  8- Other  9- Unknown/Not    Stated  ***1980-1988***
217	Ruptured Membranes	Premature Rupture of Membranes	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	Blk N t C llt d ***2003-2016***  o1 – Premature Rupture of the Membranes (Prolonged, >=12hr)  o2 – Precipitous Labor (<3hr)  o3 – Prolonged Labor (>=20hr)  o4 – None of the Above 99 - Unknown/Not Stated ***1980-2002***

2 Electronic Fetal Monitoring Not collected.

218	Precipitous Labor	Precipitous Labor	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	***2003-2016***  o1 — Premature Rupture of the Membranes (Prolonged, >=12hr)  o2 — Precipitous Labor (<3hr)  o3 — Prolonged Labor (>=20hr)  o4 — None of the Above 99 - Unknown/Not Stated  ***1980-2002*** Not collected.
219	Prolonged Labor	Prolonged Labor	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	***2003-2016***  o1 – Premature Rupture of the Membranes (Prolonged, >=12hr)  o2 – Precipitous Labor (<3hr)  o3 – Prolonged Labor (>=20hr)  o4 – None of the Above 99 - Unknown/Not Stated  ***1980-2002*** Not collected.
	Labor Onset None	None of the	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	***2003-2016***  o1 – Premature  Rupture of the  Membranes (Prolonged, >=12hr)  o2 – Precipitous Labor  (<3hr)  o3 – Prolonged Labor  (>=20hr)

					04 – None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected.
221	Labor Onset Unknown	Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	***2003-2016***  o1- Premature Rupture of the Membranes (Prolonged, >=12hr)  o2- Precipitous Labor (<3hr)  o3- Prolonged Labor (>=20hr)  o4- None of the Above  99 - Unknown/Not  Stated  ***1980-2002*** Not collected.
222	Induction	of Labor and Delivery, Induction of	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016***  - Induction of Labor  - Augmentation of Labor - Non-Vertex Presentation04 – Epidural or Spinal Anesthesia during Labor - Steroids (glucocorticoids) Received by the Mother Prior to Delivery - Antibiotics Received by the Mother during Labor

		07 – Clinical
		Chorioamnionitis
		Diagnosed During
		Labor or Maternal
		Temperature >=880C
		(100.40F)
		08 – Moderate/Heavy
		Meconium
		Staining of the
		Amniotic Fluid 09 –
		Fetal Intolerance of
		Labor such that One
		or More of the
		Following Actions
		was Taken: In-utero
		Resuscitation
		Measures, Further
		Fetal
		Assessment, or
		Operative Delivery
		10 – None of the
		Above
		99 - Unknown/Not Stated
		Stateu
		***1980-2002***
		Not collected. See
		'Complications of
		Labor and/or
		Delivery' (Field #81-
		87).

223 Augmentation	Characteristics	Character; Max	labchar1 - labchar7	***2003-2016***
	of Labor and	Length = 1		<sub>01</sub> – Induction of
	Delivery,	Y - Yes		Labor
	Augmentation	N - No		02 -
	of Labor	U - Unknown		Augmentation of
				Labor
				<sub>03</sub> – Non-Vertex
				Presentation04 –
				Epidural or Spinal
				Anesthesia
				during Labor
				05 – Steroids
				(glucocorticoids)
				Received by the
				Mother Prior to
				Delivery
				<sub>06</sub> – Antibiotics
				Received by the
				Mother during Labor
				07 – Clinical
				Chorioamnionitis
				Diagnosed During
				Labor or Maternal
				Temperature >=880C
				(100.40F)
				08 – Moderate/Heavy
				Meconium
				Staining of the
				Amniotic Fluid 09 –
				Fetal Intolerance of
				Labor such that One
				or More of the
				Following Actions
				was Taken: In-utero
				Resuscitation
				Measures, Further
				Fetal
				Assessment, or
				Operative Delivery
				10 – None of the
				Above

					99 - Unknown/Not Stated  ***1980-2002*** Not collected. See 'Complications of Labor and/or Delivery' (Field #81- 87).
224	Non Vertex Presentation	Characteristics of Labor and Delivery, Nonvertex Presentation	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016***  101 — Induction of Labor  102 — Augmentation of Labor  103 — Non-Vertex Presentation 04 — Epidural or Spinal Anesthesia during Labor  105 — Steroids (glucocorticoids) Received by the Mother Prior to Delivery 106 — Antibiotics Received by the Mother during Labor 107 — Clinical Chorioamnionitis Diagnosed During Labor or Maternal

		Temperature >=880C
		(100.40F)
		08 – Moderate/Heavy
		Meconium
		Staining of the
		Amniotic Fluid 09 –
		Fetal Intolerance of
		Labor such that One
		or More of the
		Following Actions
		was Taken: In-utero
		Resuscitation
		Measures, Further
		Fetal
		Assessment, or
		Operative Delivery
		10 – None of the
		Above
		99 - Unknown/Not
		Stated
		***1980-2002***
		Not collected. See
		'Complications of
		Labor and/or
		Delivery' (Field #81-
		87).

225	Anesthesia	Characteristics	Character; Max	labchar1 - labchar7	***2003-2016***
		of Labor and	Length = 1		o1 - Induction of
		Delivery,	Y - Yes		Labor
		Anesthesia	N - No		02 —
		During Labor	U - Unknown		Augmentation of
					Labor
					o3 – Non-Vertex
					Presentation <b>04</b> –
					Epidural or Spinal
					Anesthesia
					during Labor
					os – Steroids
					(glucocorticoids)
					Received by the
					Mother Prior to
					Delivery
					<sub>06</sub> – Antibiotics
					Received by the
					Mother during Labor
					07 – Clinical
					Chorioamnionitis
					Diagnosed During
					Labor or Maternal
					Temperature >=880C
					(100.40F)
					08 – Moderate/Heavy
					Meconium
					Staining of the
					Amniotic Fluid 09 –
					Fetal Intolerance of
					Labor such that One
					or More of the
					Following Actions
					was Taken: In-utero
					Resuscitation
					Measures, Further Fetal
					Assessment, or Operative Delivery
					10 – None of the
					Above
					VDOVE

				99 - Unknown/Not Stated  ***1980-2002*** Not collected. See 'Complications of Labor and/or Delivery' (Field #81- 87).
226 Steroids	Characteristics of Labor and Delivery, Steroids for Fetal Lung	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016***  - Induction of Labor  - Augmentation of Labor  - Non-Vertex Presentation04 – Epidural or Spinal Anesthesia during Labor - Steroids (glucocorticoids) Received by the Mother Prior to Delivery - Antibiotics Received by the Mother during Labor - Clinical Chorioamnionitis Diagnosed During Labor or Maternal

		Temperature >=880C
		(100.40F)
		<sub>08</sub> – Moderate/Heavy
		Meconium
		Staining of the
		Amniotic Fluid 09 –
		Fetal Intolerance of
		Labor such that One
		or More of the
		Following Actions
		was Taken: In-utero
		Resuscitation
		Measures, Further
		Fetal
		Assessment, or
		Operative Delivery
		10 – None of the
		Above
		99 - Unknown/Not
		Stated
		***1980-2002***
		Not collected. See
		'Complications of
		Labor and/or
		Delivery' (Field #81-
		87).

227	Anthictics	Characteristics	Character May	labebart labebar7	***2003-2016***
227	Antibiotics	Characteristics	Character; Max	labchar1 - labchar7	
		of Labor and	Length = 1		o1 — Induction of
		Delivery,	Y - Yes		Labor
		Antibiotics	N - No		02 —
		Received by	U - Unknown		Augmentation of
		Mother			Labor
					os – Non-Vertex
					Presentation04 –
					Epidural or Spinal
					Anesthesia
					during Labor
					05 – Steroids
					(glucocorticoids)
					Received by the
					Mother Prior to
					Delivery
					06 - Antibiotics
					Received by the
					Mother during Labor
					<sub>07</sub> – Clinical
					Chorioamnionitis
					Diagnosed During
					Labor or Maternal
					Temperature >=880C
					(100.40F)
					<sub>08</sub> – Moderate/Heavy
					Meconium
					Staining of the
					Amniotic Fluid 09 –
					Fetal Intolerance of
					Labor such that
					One or More of the
					Following Actions
					was Taken: In-utero
					Resuscitation
					Measures, Further
					Fetal
					Assessment, or
					Operative Delivery
					10 – None of the
					Above

					99 - Unknown/Not Stated  ***1980-2002*** Not collected. See 'Complications of Labor and/or Delivery' (Field #81- 87).
228	Chorioamnionitis	of Labor and	Length = 1 Y - Yes	labchar1 - labchar7	***2003-2016***  101 — Induction of Labor  102 — Augmentation of Labor  103 — Non-Vertex  Presentation04 — Epidural or Spinal  Anesthesia  during Labor  105 — Steroids  (glucocorticoids)  Received by the  Mother Prior to  Delivery  106 — Antibiotics  Received by the  Mother during Labor  107 — Clinical  Chorioamnionitis  Diagnosed During  Labor or Maternal

	Temperature >=880C (100.40F)
	08 – Moderate/Heavy
	Meconium
	Staining of the
	Amniotic Fluid 09 –
	Fetal Intolerance of
	Labor such that
	One or More of the
	Following Actions
	was Taken: In-utero
	Resuscitation
	Measures, Further
	Fetal
	Assessment, or
	Operative Delivery
	10 – None of the
	Above
	99 - Unknown/Not
	Stated
	***1980-2002***
	Not collected. See
	'Complications of
	Labor and/or
	Delivery' (Field #81-
	87).

of Labor and Length = 1 Delivery, Y - Yes Labor Meconium N - No	-2016*** Induction of
Delivery, Y - Yes Labor Meconium N - No	
Meconium N - No	
Grand Line Line Line Line Line Line Line Line	
Augment	tation of
Labor	
	· Non-Vertex
Presenta Presenta	ition04 –
Epidural Epidural	or Spinal
Anesthes	sia
during La	abor
o <sub>5</sub> – Stero	oids
(glucoc	corticoids)
Received	-
Mother F	•
Delivery	
o <sub>6</sub> – Antib	oiotics
Receive	ed by the
	during Labor
o7 — Clinic	_
	amnionitis
	ed During
	Maternal
	ture >=880C
(100.40F	
	erate/Heavy
Mecon	=
Staining	
	c Fluid 09 –
Fetal Into	olerance of
	ch that One
or More	
	g Actions
	n: In-utero
Resuscita	
Measure	
Fetal	
Assessmo	ent, or
	e Delivery
10 – Non	-
Above	

				99 - Unknown/Not Stated  ***1980-2002*** Not collected. See 'Complications of Labor and/or Delivery' (Field #81- 87).
230 F	Fetal Intolerance	Length = 1 Y - Yes	labchar1 - labchar7	***2003-2016***  o1 — Induction of Labor  o2 — Augmentation of Labor  o3 — Non-Vertex  Presentation04 — Epidural or Spinal Anesthesia during Labor  o5 — Steroids (glucocorticoids)  Received by the Mother Prior to Delivery  o6 — Antibiotics  Received by the Mother during Labor  o7 — Clinical  Chorioamnionitis  Diagnosed During Labor or Maternal

		Temperature >=880C (100.40F)
		08 –
		Moderate/Heavy
		Meconium
		Staining of the
		Amniotic Fluid
		o9 <b>– Fetal</b>
		Intolerance of Labor
		such that One or
		More of the
		Following Actions
		was Taken: In-utero
		Resuscitation
		Measures, Further
		Fetal Assessment, or
		Operative
		Delivery
		- None of the
		Above
		99 - Unknown/Not
		Stated
		***1980-2002***
		Not collected. See
		'Complications of
		Labor and/or
		Delivery' (Field #81-
		87).

231	Mat Labor	Characteristics	Character; Max	labchar1 - labchar7	***2003-2016***
251	Characteristics	of Labor	Length = 1		o1 — Induction of
	None	and Delivery,	Y - Yes		Labor
	Trone	None of the	N - No		
		Above	U - Unknown		02 -
		Above	O OHKHOWH		Augmentation of
					Labor
					₀₃ − Non-Vertex
					Presentation04 –
					Epidural or Spinal
					Anesthesia
					during Labor
					05 – Steroids
					(glucocorticoids)
					Received by the
					Mother Prior to
					Delivery
					<sub>06</sub> – Antibiotics
					Received by the
					Mother during Labor
					o7 – Clinical
					Chorioamnionitis
					Diagnosed During
					Labor or Maternal
					Temperature >=880C
					(100.40F)
					08 – Moderate/Heavy
					Meconium
					Staining of the Amniotic Fluid 09 –
					Fetal Intolerance of
					Labor such that One
					or More of the
					Following Actions
					was Taken: In-utero
					Resuscitation
					Measures, Further
					Fetal
					Assessment, or
					Operative Delivery
					10 – None of the
					Above
		1			VDOAC

					99 - Unknown/Not Stated  ***1980-2002*** Not collected. See 'Complications of Labor and/or Delivery' (Field #81- 87).
232	Mat Labor Characteristics Unk	Characteristics of Labor and Delivery, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016***  101 — Induction of Labor  102 —  Augmentation of Labor  103 — Non-Vertex  Presentation04 —  Epidural or Spinal  Anesthesia  during Labor  105 — Steroids  (glucocorticoids)  Received by the  Mother Prior to  Delivery  106 — Antibiotics  Received by the  Mother during Labor  107 — Clinical  Chorioamnionitis  Diagnosed During  Labor or Maternal

					Temperature >=880C (100.40F)  % - Moderate/Heavy Meconium Staining of the Amniotic Fluid 09 - Fetal Intolerance of Labor such that One or More of the Following Actions was Taken: In-utero Resuscitation Measures, Further Fetal Assessment, or Operative Delivery 10 - None of the Above 99 - Unknown/Not Stated  ***1980-2002*** Not collected. See 'Complications of Labor and/or Delivery' (Field #81- 87).
233	Maternal Transfusion	Maternal Morbidity, Maternal Transfusion	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2016***  o1 – Maternal  Transfusion  o2 – Third or Fourth  Degree Perineal  Laceration  o3 – Ruptured Uterus  o4 – Unplanned  Hysterectomy  o5 – Admission to  Intensive Care Unit  o6 – Unplanned  Operating Room  Procedure Following  Delivery

					o7 – None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected.
234	Perineal Laceration	Maternal Morbidity, Perineal Laceration	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2016***  o1 – Maternal Transfusion  o2 – Third or Fourth Degree Perineal Laceration  o3 – Ruptured Uterus  o4 – Unplanned Hysterectomy  o5 – Admission to Intensive Care Unit  o6 – Unplanned Operating Room Procedure Following Delivery  o7 – None of the Above  99 - Unknown/Not Stated  ***1980-2002*** Not collected.
235	Ruptured Uterus	Maternal Morbidity, Ruptured Uterus	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2016***  o1 — Maternal  Transfusion  o2 — Third or Fourth  Degree Perineal  Laceration  o3 — Ruptured Uterus  o4 — Unplanned  Hysterectomy

					os – Admission to Intensive Care Unit os – Unplanned Operating Room Procedure Following Delivery or – None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected.
230	6 Hysterectomy	Maternal Morbidity, Unplanned Hysterectomy	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2016***  o1 – Maternal  Transfusion  o2 – Third or Fourth  Degree Perineal  Laceration  o3 – Ruptured Uterus  o4 – Unplanned  Hysterectomy  o5 – Admission to  Intensive Care Unit  o6 – Unplanned  Operating Room  Procedure Following  Delivery  o7 – None of the  Above  99 - Unknown/Not
					Stated  ***1980-2002***  Not collected.

237	Intensive Care	Maternal	Character; Max	mmorbid1 -	***2003-2016***
		Morbidity,	Length = 1	mmorbid5	01 – Maternal
		•	Y - Yes		Transfusion
		Intensive	N - No		<sub>02</sub> – Third or Fourth
		Care Unit	U - Unknown		Degree Perineal
					Laceration
					03 - Ruptured Uterus
					04 – Unplanned
					Hysterectomy
					<sub>05</sub> – Admission to
					Intensive Care
					Unit
					06 – Unplanned
					Operating Room
					Procedure Following
					Delivery o7 – None of the
					Above
					99 - Unknown/Not
					Stated
					***1980-2002***
					Not collected.
238	Operation	Maternal	Character; Max	mmorbid1 -	***2003-2016***
		Morbidity,	Length = 1	mmorbid5	01 – Maternal
		Unplanned	Y - Yes		Transfusion
		Operating	N - No		<sub>02</sub> – Third or Fourth
		Room	U - Unknown		Degree Perineal
		Procedure			Laceration
					оз – Ruptured Uterus
					04 – Unplanned
					Hysterectomy
					05 – Admission to
					Intensive Care Unit
					06 - Unplanned
					Operating Room
					Procedure Following
					Delivery
					07 - None of the

					99 - Unknown/Not Stated ***1980-2002*** Not collected.
239	Maternal Morbidity None	Maternal Morbidity, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2016***  o1 – Maternal Transfusion  o2 – Third or Fourth Degree Perineal Laceration  o3 – Ruptured Uterus  o4 – Unplanned Hysterectomy  o5 – Admission to Intensive Care Unit  o6 – Unplanned Operating Room Procedure Following Delivery  o7 – None of the Above  99 - Unknown/Not Stated  ***1980-2002*** Not collected.
240	Maternal Morbidity Unknown	Maternal Morbidity, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2016***  oi – Maternal Transfusion  oi – Third or Fourth Degree Perineal Laceration  oi – Ruptured Uterus  oi – Unplanned Hysterectomy  oi – Admission to Intensive Care Unit

					on- Unplanned Operating Room Procedure Following Delivery On- None of the Above 99 - Unknown/Not Stated ***1980-2002***
	Attempt Forceps	Delivery, Forceps Failed Indicates whether forceps delivery was attempted but unsuccessful.	Character; Max Length = 1 Y - Yes N - No U - Unknown	forcfail	Not collected.  ***2003-2016*** N - No Y - Yes U - Unknown  ***1980- 2002*** Not Collected.
242	Attempt Vacuum	Delivery, Vacuum	Character; Max Length = 1 Y - Yes N - No U - Unknown	vacfail	***2003-2016*** N - No Y - Yes U - Unknown  ***1980- 2002*** Not Collected.
243	Fetal Presentation	Method of Delivery, Fetal Presentation	Numeric; Max Length = 1  1 - Cephalic  2 - Breech  3 - Other  9 - Unknown	fet_pres	***2003-2016*** C - Cephalic B - Breech O - Other U - Unknown  ***1980- 2002*** Not Collected.

244 Delivery Method Final	Method of Delivery, Final Route and Method	Numeric; Max Length = 1  1- Spontaneous vaginal  2- Forceps  3- Vacuum  4- Cesarean with Trial of Labor  5- Cesarean without Trial Labor  6- Cesarean with Trial Labor Unknown 9 - Unknown	dmethfin	***2003-2016***  1 – Spontaneous vaginal 2 – Forceps 3 - Vacuum 4 – Cesarean with Trial of Labor 5 – Cesarean without Trial Labor 9 - Unknown  ***1980- 2002*** Not Collected.
245 Delivery Method Calculation	Delivery Method, Calculated	Numeric; Max Length = 1  1- Vaginal  2- Vaginal Birth After Previous C-Section  3- Primary C- Section  4- Repeat C- Section With Labor  5- Repeat C- Section Without Labor  6- Forceps  7- Vacuum Extraction  9 - Other	dmeth1, dmeth2, dmeth3. dmeth4	***2003-2016*** Will be calculated from other fields. Only dmeth1 will be populated. Codes same as below.  ***1992-2016***  1 - Vaginal  2 - Vaginal Birth After Previous CSection  3 - Primary C- Section  4 - Repeat C- Section With Labor  5 - Repeat C- Section Without Labor  6 - Forceps  7 - Vacuum Extraction9 - Other  ***1989-1991***  1 - Vaginal

					- Vaginal Birth After Previous CSection - Primary C- Section - Repeat C- Section Without Labor - Repeat C- Section With Trial of Labor - Forceps - Vacuum Extraction - Other - Unknown/Not Stated  ***1984-1988*** - Spontaneous - Vacuum Extraction - Outlet Forceps
rams	ounce is equivalen 28 grams, the conv	ght of ted as 495267 earest was of s. This verted e one t to verted ster in grams.	Numeric; N Length = 4 9999 - Unknown/ Stated	wt_grams	***1980-2016*** 9999 - Unknown/Not Stated

		Quality Technical Notes Birth Weight."			
247	Head Circumference	Child's Head Circumference, Centimeters	Numeric; Max Length = 2 99 - Unknown/Not Stated	circumf	***2003- 2016*** 99 – Unknown ***1980-2002*** Not Collected
248	APGAR 5		Numeric; Max Length = 2 0-10 - Score 99 - Unknown	apgar5	***1980-2016*** 000-010 - Score 999 - Unknown
249	APGAR 10		Numeric; Max Length = 2 0-10 - Score 99 - Unknown		***2003-2016*** 000-010 – Score 098 – Not applicable 999 – Unknown ***1980-2002*** 099 - Not Collected

250	Plurality	Plurality	Numeric; Max	plural	1 - Single
230	riuranty	•		piuiai	_
		Number of children born.	_		2 - Twin
			1 - Single		₃ - Triplet
			2 - Twins		4 - Quadruplet
			₃ - Triplets		5 - Quintuplet
			4 - Quadruplets		6 - Sextuplet
			5 - Quintuplets		7 - Septuplet
			6 - Sextuplets		8 - Octuplet
			7 - Septuplets		9 - Unknown
			8 - Octuplets		
			9 - Unknown		
251	Birth Order	Order at Birth	Numeric; Max	order	***1980-2016***
			Length = 1		o- Single Birth
			o- Single Birth		1 - First Born
			1 - First Born		2 - Second Born
			2 - Second Born		3 - Third Born
			₃ - Third Born		4 - Fourth Birth
			4 - Fourth Birth		5 - Fifth Birth
			5 - Fifth Birth		6 - Sixth Birth
			6 - Sixth Birth		7 - Seventh Birth
			7 - Seventh Birth		8- Eighth Birth
			8 - Eighth Birth		

4 Induced Labor 9 -Unknown Order 9 -Unknown Order

252	Child Transfer	Baby	Character; Max	trnsferb	***1984-2016***
		Transferred to	Length = 1		Y - Yes
		Another	Y - Yes		N - No
		Facility	N - No		U - Unknown/Not
			U - Unknown		Stated
					***1980-1983***
					Blank Field - Not
					Collected

	Breastfed Child Alive	Infant Being Breastfed Child Alive at Discharge	Character; Max Length = 1 Y - Yes N - No U - Unknown  Character; Max Length = 1 Y - Yes N - No U - Unknown	breastfd	***2003-2016*** Y - Yes N - No U - Unknown  ***1980-2002*** Not Collected.  ***2003-2016*** Y - Yes N - No T - Transferred, status unknown
					***1980-2002*** Not Collected.
255	Assist Vent	Abnormal Conditions of Newborn, Assisted Ventilation, Immediate	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	***2003-2016***  1

	99 - Unknown/Not
	Stated
	***1992-2002***
	01 - Anemia (HCT
	>39/HGN<13)
	<sub>02</sub> - Birth Injury
	<sub>03</sub> - Fetal Alcohol
	Syndrome
	04 - Hyaline
	Membrane
	Disease/RDS
	<sub>05</sub> - Meconium
	Aspiration
	Syndrome
	06 - Drug Withdrawal
	Syndrome in
	Newborn
	07 - Assisted
	Ventilation less
	than 30
	Minutes
	08 - Assisted
	Ventilation greater
	than
	or equal to 30
	Minutes
	<sub>09</sub> - Seizures
	<sub>10</sub> - None
	<sub>11</sub> - Other
	99 - Unknown/Not
	Stated

256 Assist Vent 6		Character; Max	abcond1 - abcond6	***2003-2016***
	Conditions of	Length = 1		01 – Assisted
	Newborn,	Y - Yes		Ventilation Required
	Assisted	N - No		Immediately
	Ventilation,	U - Unknown		Following Delivery
	Over 6 Hours			02 – Assisted
				Ventilation
				Required
				for More Than 6
				Hours
				оз – NICU
				Admission
				04 – Newborn
				Given Surfactant
				Replacement
				Therapy
				<sub>05</sub> – Antibiotics
				received by the
				Newborn for
				Suspected Neonatal
				Sepsis
				o <sub>6</sub> – Seizure or
				Serious Neurologic
				Dysfunction
				- · · · -
				_
				Birth Injury
				os – None of the
				Above
				99 - Unknown/Not
				Stated
				***1992-2002***
				o1 - Anemia (HCT
				>39/HGN<13)
				02 - Birth Injury
				03 - Fetal Alcohol
				Syndrome
				04 - Hyaline
				Membrane
				Disease/RDS

- NICU Admission  - Newborn Given Surfactant Replacement Therapy  - Antibiotics received by the Newborn for	257 NIC		Conditions of Newborn, NICU	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	Admission  Admission  Admission  Replacement  Admission  Antibiotics  Antibiotics  Antibiotics
---	---------	--	--------------------------------	--	-------------------	--

o6 – Seizure or
Serious Neurologic
Dysfunction
o7 — Significant
Birth Injury
₀₃ — None of the
Above
99 - Unknown/Not
Stated
***1992-2002***
01 - Anemia (HCT
>39/HGN<13)
<sub>02</sub> - Birth Injury
03 - Fetal Alcohol
Syndrome
04 - Hyaline
Membrane
Disease/RDS
os - Meconium
Aspiration
Syndrome
<sub>06</sub> - Drug Withdrawal
Syndrome in
Newborn
07 - Assisted
Ventilation less
than 30
Minutes
08 - Assisted
Ventilation greater
than
or equal to 30
Minutes
09 - Seizures
10 - None
11 - Other
11 - Other 99 - Unknown/Not

350	Cfo ctt	A la m a 1	Chara = += N.4 =	ماد ماد ماد ماد ماد	***2002 2046***
258	Surfactant	Abnormal	Character; Max	abcond1 - abcond6	***2003-2016***
		Conditions of	Length = 1		o1 – Assisted
		Newborn, Surfactant	Y - Yes N - No		Ventilation
		Replacement	U - Unknown		Required
		Replacement	U - UTKHOWII		Immediately
					Following Delivery
					<sub>02</sub> – Assisted
					Ventilation
					Required for
					More Than 6 Hours
					03 – NICU Admission
					<sub>04</sub> – Newborn Given
					Surfactant
					Replacement
					Therapy
					05 – Antibiotics
					received by the
					Newborn for
					Suspected Neonatal
					Sepsis
					<sub>06</sub> – Seizure or Serious
					Neurologic
					Dysfunction
					07 – Significant Birth
					Injury
					08 – None of the
					Above
					99 - Unknown/Not
					Stated
					***1992-2002***
					01 - Anemia (HCT
					>39/HGN<13)
					02 - Birth Injury
					03 - Fetal Alcohol
					Syndrome
					<sub>04</sub> - Hyaline
					Membrane
					Disease/RDS
					05 - Meconium
					Aspiration
					Syndrome
		1			Symanomic

					os - Drug Withdrawal Syndrome in Newborn os - Assisted Ventilation less than 30 Minutes os - Assisted Ventilation greater than or equal to 30 Minutes os - Seizures 10 - None 11 - Other 99 - Unknown/Not Stated
259	Child Antibiotics	Abnormal Conditions of Newborn, Antibiotics for Newborn Sepsis	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	***2003-2016***  o1 — Assisted Ventilation Required Immediately Following Delivery o2 — Assisted Ventilation Required for More Than 6 Hours o3 — NICU Admission o4 — Newborn Given Surfactant Replacement Therapy o5 — Antibiotics received by the Newborn for Suspected Neonatal Sepsis o6 — Seizure or Serious Neurologic

	Dysfunction
	07 – Significant Birth
	Injury
	<sub>08</sub> – None of the
	Above
	99 - Unknown/Not
	Stated
	***1992-2002***
	01 - Anemia (HCT
	>39/HGN<13)
	<sub>02</sub> - Birth Injury
	03 - Fetal Alcohol
	Syndrome
	<sub>04</sub> - Hyaline
	Membrane
	Disease/RDS
	<sub>05</sub> - Meconium
	Aspiration
	Syndrome
	<sub>06</sub> - Drug Withdrawal
	Syndrome in
	Newborn
	<sub>07</sub> - Assisted
	Ventilation less
	than 30
	Minutes
	<sub>08</sub> - Assisted
	Ventilation greater
	than
	or equal to 30
	Minutes
	09 - Seizures
	<sub>10</sub> - None
	<sub>11</sub> - Other
	99 - Unknown/Not
	Stated

260 Child Seizure	Abnormal	Character; Max	abcond1 - abcond6	***2003-2016***
200 011110 3012010	Conditions of	Length = 1	ascond ascondo	o1 — Assisted
	Newborn,	Y - Yes		Ventilation Required
	Seizure	N - No		Immediately
	56.24.6	U - Unknown		Following Delivery
				o2 – Assisted
				Ventilation Required for
				More Than 6 Hours
				03 — NICU
				Admission
				04 – Newborn
				Given Surfactant
				Replacement
				Therapy
				os – Antibiotics
				received by the
				Newborn for
				Suspected Neonatal
				Sepsis
				oe – Seizure or
				Serious Neurologic
				Dysfunction
				o7 – Significant
				Birth Injury
				os – None of the
				Above
				99 - Unknown/Not
				Stated
				***1992-2002***
				o1 - Anemia (HCT
				>39/HGN<13)
				02 - Birth Injury
				o3 - Fetal Alcohol
				Syndrome
				04 - Hyaline
				Membrane
				Disease/RDS
				05 - Meconium
				Aspiration
				Syndrome

					of - Drug Withdrawal Syndrome in Newborn of - Assisted Ventilation less than 30 Minutes of - Assisted Ventilation greater than or equal to 30 Minutes of - Seizures of - None of - Other 99 - Unknown/Not Stated
261	Child Injury	Conditions of Newborn, Birth	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	***2003-2016***  o1 — Assisted  Ventilation Required  Immediately Following Delivery  o2 — Assisted  Ventilation Required  for  More Than 6 Hours  o3 — NICU  Admission  o4 — Newborn  Given Surfactant  Replacement  Therapy  o5 — Antibiotics  received by the  Newborn for  Suspected Neonatal  Sepsis  o6 — Seizure or  Serious Neurologic

Dysfunction 07 — Significant
Birth Injury
<sub>08</sub> — None of the
Above
99 - Unknown/Not Stated
Stated
***1992-2002***
01 - Anemia (HCT
>39/HGN<13)
02 - Birth Injury
03 - Fetal Alcohol
Syndrome
04 - Hyaline
Membrane
Disease/RDS
<sub>05</sub> - Meconium
Aspiration
Syndrome
<sub>06</sub> - Drug Withdrawal
Syndrome in
Newborn
07 - Assisted
Ventilation less
than 30
Minutes
<sub>08</sub> - Assisted
Ventilation greater
than
or equal to 30
Minutes
09 - Seizures
10 - None
11 - Other
99 - Unknown/Not
Stated

262 Abnormal	Abnormal Conditions of	,	abcond1 -	***2003-2016***
Conditions	Newborn, None of the	Max Length =	abcond6	o1 — Assisted Ventilation
None	Above	1		Required
		Y - Yes		Immediately Following
		N - No		Delivery
		U - Unknown		<sub>02</sub> – Assisted Ventilation
				Required for
				More Than 6 Hours
				<sub>03</sub> – NICU Admission
				<sub>04</sub> – Newborn Given
				Surfactant Replacement
				Therapy
				- Antibiotics received
				by the
				Newborn for Suspected
				Neonatal
				Sepsis
				<sub>06</sub> – Seizure or Serious
				Neurologic
				Dysfunction
				<sub>07</sub> – Significant Birth
				Injury
				<b>os</b> − None of the Above
				99 - Unknown/Not Stated
				***1992-2002***
				<sub>01</sub> - Anemia (HCT
				>39/HGN<13)
				<sub>02</sub> - Birth Injury
				<sub>03</sub> - Fetal Alcohol Syndrome
				<sub>04</sub> - Hyaline Membrane
				Disease/RDS
				<sub>05</sub> - Meconium Aspiration
				Syndrome
				of - Drug Withdrawal
				Syndrome in
				Newborn
				07 - Assisted Ventilation less
				than 30
				Minutes
				08 - Assisted Ventilation
				greater than

			or equal to 30 Minutes  99 - Seizures  10 - None  11 - Other  99 - Unknown/Not Stated
263	Newborn, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	***2003-2016***  1

<sub>08</sub> — None of the Above
99 - Unknown/Not Stated
***1992-2002***
<sub>01</sub> - Anemia (HCT
>39/HGN<13)
<sub>02</sub> - Birth Injury
03 - Fetal Alcohol Syndrome
<sub>04</sub> - Hyaline Membrane
Disease/RDS
<sub>05</sub> - Meconium Aspiration
Syndrome
06 - Drug Withdrawal
Syndrome in
Newborn
07 - Assisted Ventilation less
than 30
Minutes
<sub>08</sub> - Assisted Ventilation
greater than
or equal to 30 Minutes
09 - Seizures
10 - None
11 - Other
99 - Unknown/Not Stated

264	Anencephaly	Congenital	Character;	malf1 - malf7	***2003-2016***
	p <b>,</b>	Malformations,	Max Length =		01 - Anencephaly
		Anencephaly	1		<sub>02</sub> – Meningocele/Spina
			Y - Yes		Bifida
			N - No		₀₃ – Cyanotic Congenital
			U - Unknown		Heart
					Disease
					04 – Congenital
					Diaphragmatic
					Hernia
					os - Omphalocele
					os - Gastroschisis
					o7 – Limb Reduction Defect
					∞ – Cleft Lip with or without
					Cleft
					Palate
					∞ – Cleft Palate Alone
					10 – Down Syndrome
					11 – Chromosomal Disorder
					12 - Hypospadias
					<sub>13</sub> — None of the Above
					99 - Unknown/Not Stated
					***1992-2002***
					01 - Anencephalus
					o2 - Spina Bifida/Meningocele
					03 - Hydrocephalus
					<sub>04</sub> - Microcephalus
					05 - Other Central Nervous
					System
					Anomalies
					06 - Heart Malformations
					or - Other
					Circulatory/Respiratory
					Anomalies
					08 - Rectal Atresia/Stenosis
					os - Tracheo-Esophageal
					• •
					Fistula/Esophageal Atresia
					10 -
					Omphalocele/Gastroschisis

265 M	ISB	Congenital	Character;	malf1 - malf7	11 Other Gastrointestinal
		=	Max Length =		***2003-2016***
		Meningomyelocele/Spina	_		o1 - Anencephaly
			Y - Yes		02 —
			N - No		Meningocele/Spina
			U - Unknown		Bifida03 – Cyanotic
					Congenital Heart
					Disease
					04 – Congenital
					=
					Diaphragmatic
					Hernia
					os - Omphalocele
					06 - Gastroschisis
					o7 – Limb Reduction Defect
					∞ – Cleft Lip with or without Cleft
					Palate
					∞ – Cleft Palate Alone
					10 – Down Syndrome
					11 – Chromosomal Disorder
					12 - Hypospadias
					13 – None of the Above
					99 - Unknown/Not Stated
					***1992-2002***
					01 - Anencephalus
					<sub>02</sub> - Spina Bifida/Meningocele
					03 - Hydrocephalus
					04 - Microcephalus
					os - Other Central Nervous
					System
					Anomalies
					06 - Heart Malformations
					07 - Other
					Circulatory/Respiratory
					Anomalies
					08 - Rectal Atresia/Stenosis
					os - Recear Acresia, steriosis os - Tracheo-Esophageal
					Fistula/Esophageal Atresia
					10-
					Omphalocele/Gastroschisis
					Omphaiocele/Gastroschisis

				1	nai
266	Congenital	Congenital	Character; Max	malf1 - malf7	***2003-2016***
	Heart	Malformations,	_		01 - Anencephaly
		Cyanotic	Y - Yes		<sub>02</sub> – Meningocele/Spina
		Congenital	N - No		Bifida
		Heart	U - Unknown		03 – Cyanotic Congenital
		Disease			Heart
					Disease
					<sub>04</sub> – Congenital
					Diaphragmatic
					Hernia
					os - Omphalocele
					<sub>06</sub> - Gastroschisis
					07 – Limb Reduction Defect
					<sub>08</sub> – Cleft Lip with or without
					Cleft
					Palate
					₀9 – Cleft Palate Alone
					<sub>10</sub> – Down Syndrome
					<sub>11</sub> – Chromosomal Disorder
					12 - Hypospadias
					<sub>13</sub> – None of the Above
					99 - Unknown/Not Stated
					***1992-2002***
					01 - Anencephalus
					<sub>02</sub> - Spina Bifida/Meningocele
					оз - Hydrocephalus
					<sub>04</sub> - Microcephalus
					05 - Other Central Nervous
					System
					Anomalies
					<sub>06</sub> - Heart Malformations
					07 - Other
					Circulatory/Respiratory
					Anomalies
					08 - Rectal Atresia/Stenosis
					<sub>09</sub> - Tracheo-Esophageal
					Fistula/Esophageal Atresia

					Omphalocele/Gastroschisis
267	Congenital	Congenital	Character; Max	malf1 - malf7	11 Other Gastrointestinal
	Hernia	Malformations,	Length = 1		***2003-2016***
		Congenital Diaphragmatic	Y - Yes N - No		o1 - Anencephaly o2 — Meningocele/Spina
		Hernia	U - Unknown		Bifida
					₀₃ – Cyanotic Congenital Heart
					Disease
					<sub>04</sub> – Congenital
					Diaphragmatic
					Hernia
					os - Omphalocele
					06 - Gastroscrisis 07 – Limb Reduction Defect
					08 – Cleft Lip with or without
					Cleft
					Palate
					∞ – Cleft Palate Alone
					10 – Down Syndrome
					<sub>11</sub> – Chromosomal Disorder
					12 - Hypospadias
					<sub>13</sub> – None of the Above

	99 - Unknown/Not Stated  ***1992-2002***  oi - Anencephalus  oi - Spina Bifida/Meningocele  oi - Hydrocephalus  oi - Microcephalus
	os- Other Central Nervous System Anomalies os- Heart Malformations or- Other Circulatory/Respiratory Anomalies os- Rectal Atresia/Stenosis os- Tracheo-Esophageal Fistula/Esophageal Atresia

268 Omphalocele	Congenital	Character; Max	malf1 - malf7	***2003-2016***
200 31115110100010	Malformations,			o1 - Anencephaly
	Omphalocele	Y - Yes		02 – Meningocele/Spina
		N - No		Bifida
		U - Unknown		
				03 – Cyanotic Congenital
				Heart
				Disease
				<sub>04</sub> – Congenital
				Diaphragmatic
				Hernia
				os - Omphalocele
				06 - Gastroschisis
				07 – Limb Reduction Defect
				<sub>08</sub> – Cleft Lip with or without
				Cleft
				Palate
				<sub>09</sub> – Cleft Palate Alone
				<sub>10</sub> – Down Syndrome
				<sub>11</sub> – Chromosomal Disorder
				12 - Hypospadias
				13 – None of the Above
				99 - Unknown/Not Stated
				99 - Olikilowii/Not Stated
				***1992-2002***
				01 - Anencephalus
				02 - Spina Bifida/Meningocele
				03 - Hydrocephalus
				<sub>04</sub> - Microcephalus
				os - Other Central Nervous
				System
				Anomalies
				06 - Heart Malformations
				o7 - Other
				Circulatory/Respiratory
				Anomalies
				08 - Rectal Atresia/Stenosis
				og - Tracheo-Esophageal
				· -
				Fistula/Esophageal Atresia
				10 -
				Omphalocele/Gastroschisis

269 Gastroschisis	Congenital	Character; Max	malf1 - malf7	11 Other Gastrointestinal
209 Gasti Oscilisis	Malformations,		manı - manı	***2003-2016***
	Gastrochisis	Y - Yes		o1 - Anencephaly
	Gastrochisis	N - No		<sub>02</sub> – Meningocele/Spina
		U - Unknown		Bifida
		o onknown		
				03 – Cyanotic Congenital
				Heart
				Disease
				04 – Congenital
				Diaphragmatic
				Hernia
				os - Omphalocele
				06 - Gastroschisis
				<sub>07</sub> – Limb Reduction Defect
				08 – Cleft Lip with or without
				Cleft
				Palate
				∞ – Cleft Palate Alone
				10 – Down Syndrome
				11 – Chromosomal Disorder
				12 - Hypospadias
				<sub>13</sub> – None of the Above
				99 - Unknown/Not Stated
				***1992-2002***
				01 - Anencephalus
				<sub>02</sub> - Spina Bifida/Meningocele
				03 - Hydrocephalus
				04 - Microcephalus
				os - Other Central Nervous
				System
				, Anomalies
				06 - Heart Malformations
				o7 - Other
				Circulatory/Respiratory
				Anomalies
				08 - Rectal Atresia/Stenosis
				og - Tracheo-Esophageal
				Fistula/Esophageal Atresia
				10-
				Omphalocele/Gastroschisis
				Omphalocele/ Gastroschisis

Congenital Malformations, Length = 1   Y - Yes Reduction Defect   V - Unknown   N - No Defect   U - Unknown   N - No Defect   U - Unknown   Malformations, Defect   Malformations, Length = 1   Malformations, Lengt			_		nal
Limb Reduction Defect  V - Yes Reduction Defect  U - Unknown  Defect  U - Unknown  Reduction Defect  U - Unknown  Defect  U - Unknown  Reduction Defect  Disease  A - Congenital Diaphragmatic Hernia	270 Limb Defect	Congenital	Character; Max	malf1 - malf7	***2003-2016 <sup>***</sup>
Reduction Defect  N - No U - Unknown  Bifida  3 - Cyanotic Congenital Heart Disease  4 - Congenital Diaphragmatic Hernia 5 - Omphalocele 6 - Gastroschisis 7 - Limb Reduction Defect 8 - Cleft Lip with or without Cleft Palate 9 - Cleft Palate Alone 10 - Down Syndrome 11 - Chromosomal Disorder 12 - Hypospadias 13 - None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 61 - Anencephalus 62 - Spina Bifida/Meningocele 63 - Hydrocephalus		Malformations,	_		01 - Anencephaly
Defect  U - Unknown  03 - Cyanotic Congenital Heart Disease 04 - Congenital Diaphragmatic Hernia 05 - Omphalocele 06 - Gastroschisis 07 - Limb Reduction Defect 08 - Cleft Lip with or without Cleft Palate 09 - Cleft Palate Alone 10 - Down Syndrome 11 - Chromosomal Disorder 12 - Hypospadias 13 - None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anencephalus 02 - Spina Bifida/Meningocele 03 - Hydrocephalus					<sub>02</sub> – Meningocele/Spina
Heart Disease					Bifida
Disease 04 – Congenital Diaphragmatic Hernia 05 - Omphalocele 06 - Gastroschisis 07 – Limb Reduction Defect 08 – Cleft Lip with or without Cleft Palate 09 – Cleft Palate Alone 10 – Down Syndrome 11 – Chromosomal Disorder 12 - Hypospadias 13 – None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anencephalus 02 - Spina Bifida/Meningocele 03 - Hydrocephalus		Defect	U - Unknown		03 – Cyanotic Congenital
oa — Congenital Diaphragmatic Hernia os - Omphalocele os - Gastroschisis or — Limb Reduction Defect os — Cleft Lip with or without Cleft Palate o9 — Cleft Palate Alone 10 — Down Syndrome 11 — Chromosomal Disorder 12 - Hypospadias 13 — None of the Above 99 - Unknown/Not Stated  ***1992-2002*** o1 - Anencephalus o2 - Spina Bifida/Meningocele o3 - Hydrocephalus					Heart
Diaphragmatic Hernia  05 - Omphalocele  06 - Gastroschisis  07 - Limb Reduction Defect  08 - Cleft Lip with or without Cleft Palate  09 - Cleft Palate Alone 10 - Down Syndrome 11 - Chromosomal Disorder 12 - Hypospadias 13 - None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anencephalus 02 - Spina Bifida/Meningocele 03 - Hydrocephalus					Disease
Hernia  os - Omphalocele  os - Gastroschisis  or - Limb Reduction Defect  os - Cleft Lip with or without  Cleft  Palate  op - Cleft Palate Alone  10 - Down Syndrome  11 - Chromosomal Disorder  12 - Hypospadias  13 - None of the Above  99 - Unknown/Not Stated  ***1992-2002***  o1 - Anencephalus  o2 - Spina Bifida/Meningocele  o3 - Hydrocephalus					<sub>04</sub> – Congenital
os - Omphalocele os - Gastroschisis or - Limb Reduction Defect os - Cleft Lip with or without Cleft Palate os - Cleft Palate Alone 10 - Down Syndrome 11 - Chromosomal Disorder 12 - Hypospadias 13 - None of the Above 99 - Unknown/Not Stated  ***1992-2002*** o1 - Anencephalus o2 - Spina Bifida/Meningocele o3 - Hydrocephalus					Diaphragmatic
o6 - Gastroschisis o7 - Limb Reduction Defect o8 - Cleft Lip with or without Cleft Palate o9 - Cleft Palate Alone 10 - Down Syndrome 11 - Chromosomal Disorder 12 - Hypospadias 13 - None of the Above 99 - Unknown/Not Stated  ***1992-2002*** o1 - Anencephalus o2 - Spina Bifida/Meningocele o3 - Hydrocephalus					Hernia
07 — Limb Reduction Defect 08 — Cleft Lip with or without Cleft Palate 09 — Cleft Palate Alone 10 — Down Syndrome 11 — Chromosomal Disorder 12 - Hypospadias 13 — None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anencephalus 02 - Spina Bifida/Meningocele 03 - Hydrocephalus					05 - Omphalocele
os- Cleft Lip with or without Cleft Palate o9- Cleft Palate Alone 10- Down Syndrome 11- Chromosomal Disorder 12- Hypospadias 13- None of the Above 99 - Unknown/Not Stated  ***1992-2002*** o1- Anencephalus o2- Spina Bifida/Meningocele o3- Hydrocephalus					<sub>06</sub> - Gastroschisis
Cleft Palate  09 - Cleft Palate Alone  10 - Down Syndrome  11 - Chromosomal Disorder  12 - Hypospadias  13 - None of the Above  99 - Unknown/Not Stated  ***1992-2002***  01 - Anencephalus  02 - Spina Bifida/Meningocele  03 - Hydrocephalus					07 - Limb Reduction Defect
Palate  09 — Cleft Palate Alone  10 — Down Syndrome  11 — Chromosomal Disorder  12 - Hypospadias  13 — None of the Above  99 - Unknown/Not Stated  ***1992-2002***  01 - Anencephalus  02 - Spina Bifida/Meningocele  03 - Hydrocephalus					<sub>08</sub> – Cleft Lip with or without
o9 — Cleft Palate Alone 10 — Down Syndrome 11 — Chromosomal Disorder 12 - Hypospadias 13 — None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anencephalus 02 - Spina Bifida/Meningocele 03 - Hydrocephalus					Cleft
10 — Down Syndrome 11 — Chromosomal Disorder 12 - Hypospadias 13 — None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anencephalus 02 - Spina Bifida/Meningocele 03 - Hydrocephalus					Palate
11 — Chromosomal Disorder 12 - Hypospadias 13 — None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anencephalus 02 - Spina Bifida/Meningocele 03 - Hydrocephalus					09 – Cleft Palate Alone
12 - Hypospadias 13 - None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 01 - Anencephalus 02 - Spina Bifida/Meningocele 03 - Hydrocephalus					<sub>10</sub> – Down Syndrome
13 – None of the Above 99 - Unknown/Not Stated  ***1992-2002***  01 - Anencephalus  02 - Spina Bifida/Meningocele  03 - Hydrocephalus					11 – Chromosomal Disorder
99 - Unknown/Not Stated  ***1992-2002***  o1 - Anencephalus  o2 - Spina Bifida/Meningocele  o3 - Hydrocephalus					12 - Hypospadias
***1992-2002***  o <sub>1</sub> - Anencephalus  o <sub>2</sub> - Spina Bifida/Meningocele  o <sub>3</sub> - Hydrocephalus					<sub>13</sub> – None of the Above
o1 - Anencephalus o2 - Spina Bifida/Meningocele o3 - Hydrocephalus					99 - Unknown/Not Stated
02 - Spina Bifida/Meningocele 03 - Hydrocephalus					***1992-2002***
03 - Hydrocephalus					01 - Anencephalus
					<sub>02</sub> - Spina Bifida/Meningocele
a. Microconhalus					03 - Hydrocephalus
					<sub>04</sub> - Microcephalus
<sub>05</sub> - Other Central Nervous					05 - Other Central Nervous
System					System
Anomalies					Anomalies
<sub>06</sub> - Heart Malformations					06 - Heart Malformations
o7 - Other					07 - Other
Circulatory/Respiratory					Circulatory/Respiratory
Anomalies					
08 - Rectal Atresia/Stenosis					08 - Rectal Atresia/Stenosis
₀ - Tracheo-Esophageal					09 - Tracheo-Esophageal
Fistula/Esophageal Atresia					

				Omphalocele/Gastroschisis
271 Cleft Lip	Congenital Malformations, Cleft Lip	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	11 Other Gastrointestinal ***2003-2016***  o1 - Anencephaly  o2 - Meningocele/Spina Bifida  o3 - Cyanotic Congenital Heart Disease  o4 - Congenital Diaphragmatic Hernia o5 - Omphalocele o6 - Gastroschisis o7 - Limb Reduction Defect  o8 - Cleft Lip with or without Cleft Palate o9 - Cleft Palate Alone 10 - Down Syndrome 11 - Chromosomal Disorder 12 - Hypospadias 13 - None of the Above

	99 - Unknown/Not Stated
	***1992-2002***  o1 - Anencephalus  o2 - Spina Bifida/Meningocele  o3 - Hydrocephalus  o4 - Microcephalus  o5 - Other Central Nervous  System
	Anomalies
	of - Heart Malformations of - Other Circulatory/Respiratory
	Anomalies
	08 - Rectal Atresia/Stenosis 09 - Tracheo-Esophageal
	Fistula/Esophageal Atresia
	Omphalocele/Gastroschisis

272	Cleft Palate	Congenital	Character; Max	malf1 - malf7	***2003-2016***
-,2		Malformations,			o1 - Anencephaly
			Y - Yes		<sub>02</sub> – Meningocele/Spina
			N - No		Bifida
			U - Unknown		
					o3 – Cyanotic Congenital
					Heart
					Disease
					04 – Congenital
					Diaphragmatic
					Hernia
					<sub>05</sub> - Omphalocele
					<sub>06</sub> - Gastroschisis
					07 – Limb Reduction Defect
					₀8 – Cleft Lip with or without
					Cleft
					Palate
					<sub>09</sub> – Cleft Palate Alone
					<sub>10</sub> – Down Syndrome
					<sub>11</sub> – Chromosomal Disorder
					12 - Hypospadias
					13 — None of the Above
					99 - Unknown/Not Stated
					***1992-2002***
					01 - Anencephalus
					02 - Spina Bifida/Meningocele
					03 - Hydrocephalus
					04 - Microcephalus
					os - Other Central Nervous
					System
					Anomalies
					<sub>06</sub> - Heart Malformations
					07 - Other
					Circulatory/Respiratory
					Anomalies
					08 - Rectal Atresia/Stenosis
					og - Tracheo-Esophageal
					Fistula/Esophageal Atresia
					10-
					Omphalocele/Gastroschisis
					Omphaloccie/ Gastroschisis

272	Down	Congenital	Character; Max	malf1 - malf7	11 Other Gastrointestinal
2/3	Syndrome	Malformations,		manı - manı	***2003-2016***
	Syndrome	Down	Y - Yes		o1 - Anencephaly
		Syndrome	N - No		<sub>02</sub> – Meningocele/Spina
		Syriai Silie	U - Unknown		Bifida
					03 – Cyanotic Congenital
					Heart
					Disease
					04 – Congenital
					Diaphragmatic
					Hernia
					os - Omphalocele
					o <sub>6</sub> - Gastroschisis
					<sub>07</sub> – Limb Reduction Defect
					08 – Cleft Lip with or without
					Cleft
					Palate
					09 – Cleft Palate Alone
					<sub>10</sub> - Down Syndrome
					<sub>11</sub> – Chromosomal Disorder
					12 - Hypospadias
					<sub>13</sub> – None of the Above
					99 - Unknown/Not Stated
					***1992-2002***
					01 - Anencephalus
					02 - Spina Bifida/Meningocele
					03 - Hydrocephalus
					04 - Microcephalus
					os - Other Central Nervous
					System
					Anomalies
					06 - Heart Malformations
					07 - Other
					Circulatory/Respiratory
					Anomalies
					08 - Rectal Atresia/Stenosis
					09 - Tracheo-Esophageal
					Fistula/Esophageal Atresia
					10 -
					Omphalocele/Gastroschisis

274 Day - Care	Camananittal	Classicata - NA -		Darria Crimalinana a Flanci
274 Down Confirm	Congenital	Character; Max	malf1 - malf7,	Down Syndrome Flag
	Malformations,	_	downsflg	***2003-2016***
	Down	Y - Yes		C – Confirmed
	Syndrome	N - No		P - Pending
	Karyotype	U - Unknown		U - Unknown
	Confirmed			distribute a none
				***1980-
				2002***
				Not
				Collected.
				Congenital
				<u>Malformations</u>
				***2003-2016***
				01 - Anencephaly
				02 —
				Meningocele/Spina
				Bifida
				03 – Cyanotic
				Congenital Heart
				Disease
				04 – Congenital
				Diaphragmatic
				Hernia
				os - Omphalocele
				06 - Gastroschisis
				07 – Limb Reduction
				Defect
				08 – Cleft Lip with or
				without Cleft
				Palate
				09 – Cleft Palate Alone
				10 – <b>Down Syndrome</b> 11 – Chromosomal
				Disorder
				12 - Hypospadias
				13 – None of the
				Above

					99 - Unknown/Not Stated
					***1992-2002***  o1 - Anencephalus  o2 - Spina  Bifida/Meningocele  o3 - Hydrocephalus
275	Down Pending	Congenital	Character; Max	malf1 - malf7,	04 Mi ro ephal s
		Malformations, Down Syndrome Karyotype Pending		downsflg	Down Syndrome Flag ***2003-2016*** C – Confirmed P - Pending U - Unknown
					***1980- 2002*** Not Collected.
					Congenital Malformations ***2003-2016***  o1 - Anencephaly
					Meningocele/Spina Bifida 03 – Cyanotic
					Congenital Heart Disease

			04 – Congenital
			Diaphragmatic
			Hernia
			05 - Omphalocele
			06 - Gastroschisis
			07 – Limb Reduction
			Defect
			08- Cleft Lip with or
			without Cleft
			Palate
			09 – Cleft Palate Alone
			10 - Down Syndrome
			11 – Chromosomal
			Disorder
			12 - Hypospadias
			13 – None of the
			Above
			99 - Unknown/Not
			Stated
			***1992-2002***
			01 - Anencephalus
			<sub>02</sub> - Spina
			Bifida/Meningocele
			03 - Hydrocephalus
	l	l	04

04 Microcephalu

s

276 Other Chro	m Congenital	Character; Max	malf1 - malf7	***2003-2016***
270 0 0 0 0 0 0 0 0 0	Malformations,		man inan	o1 - Anencephaly
	· · · · · · · · · · · · · · · · · · ·	Y - Yes		<sub>02</sub> – Meningocele/Spina
	Disorder	N - No		Bifida
	District	U - Unknown		
		O OHKHOWH		03 – Cyanotic Congenital
				Heart
				Disease
				<sub>04</sub> – Congenital
				Diaphragmatic
				Hernia
				os - Omphalocele
				<sub>06</sub> - Gastroschisis
				<sub>07</sub> – Limb Reduction Defect
				08 – Cleft Lip with or without
				Cleft
				Palate
				□ − Cleft Palate Alone
				10 – Down Syndrome
				11 – Chromosomal Disorder
				12 - Hypospadias
				13 – None of the Above
				99 - Unknown/Not Stated
				***1992-2002***
				01 - Anencephalus
				<sub>02</sub> - Spina Bifida/Meningocele
				o3 - Hydrocephalus
				04 - Microcephalus
				05 - Other Central Nervous
				System
				Anomalies
				o <sub>6</sub> - Heart Malformations
				o7 - Other
				Circulatory/Respiratory
				Anomalies
				08 - Rectal Atresia/Stenosis
				<sub>09</sub> - Tracheo-Esophageal
				Fistula/Esophageal Atresia
				10 -
				Omphalocele/Gastroschisis

277	Other Chrom	Congenital	Character; Max	malf1 - malf7	11 Other Gastrointestinal
2//	Confirm	Malformations,	-	chromflg	Chromosomal Disorder Flag
	Commi		Y - Yes	Cilioning	***2003-2016***
		Disorder	N - No		C – Confirmed
		Karyotype	U - Unknown		P - Pending
		Confirmed	o onknown		U - Unknown
		Commined			
					***1980-2002***
					Not Collected.
					Congonital Malformations
					Congenital Malformations ***2003-2016***
					01 - Anencephaly
					02 – Meningocele/Spina
					Bifida
					<sub>03</sub> – Cyanotic Congenital
					Heart
					Disease
					<sub>04</sub> – Congenital
					Diaphragmatic
					Hernia
					<sub>05</sub> - Omphalocele
					<sub>06</sub> - Gastroschisis
					<sub>07</sub> – Limb Reduction Defect
					08 – Cleft Lip with or without
					Cleft
					Palate
					09 – Cleft Palate Alone
					<sub>10</sub> – Down Syndrome
					11 – Chromosomal Disorder
					<sub>12</sub> - Hypospadias
					<sub>13</sub> – None of the Above
					99 - Unknown/Not Stated
					***1992-2002***
					01 - Anencephalus
					02 - Spina Bifida/Meningocele
					03 - Hydrocephalus
					04

04 Microcephalu

278	Other Chrom	Congenital	Character; Max	malf1 - malf7	Chromosomal Disorder Flag
	Pending	Malformations,		chromflg	***2003-2016***
	i ciraii.B		Y - Yes		C – Confirmed
			N - No		P - Pending
		Karyotype	U - Unknown		U - Unknown
		Pending			
					***1980-2002***
					Not Collected.
					Congenital Malformations
					***2003-2016***
					o1 - Anencephaly
					<sub>02</sub> – Meningocele/Spina
					Bifida
					₀₃ – Cyanotic Congenital
					Heart
					Disease
					<sub>04</sub> – Congenital
					Diaphragmatic
					Hernia
					<sub>05</sub> - Omphalocele
					<sub>06</sub> - Gastroschisis
					<sub>07</sub> – Limb Reduction Defect
					08 – Cleft Lip with or without
					Cleft
					Palate
					<sub>09</sub> – Cleft Palate Alone
					<sub>10</sub> – Down Syndrome
					11 – Chromosomal Disorder
					12 - Hypospadias
					<sub>13</sub> – None of the Above
					99 - Unknown/Not Stated
					***1992-2002***
					o1 - Anencephalus
					or - Ariencephalus oz - Spina Bifida/Meningocele
					_
					оз - Hydrocephalus

279	Hypospadias	Congenital	Character; Max	malf1 - malf7	04 Mi ro ephal s ***2003- 2016***
		Malformations,			
		Hypospadias	Y - Yes		o1 - Anencephaly
			N - No		02 – Meningocele/Spina
			U - Unknown		Bifida
					03 – Cyanotic Congenital
					Heart
					Disease
					<sub>04</sub> – Congenital
					Diaphragmatic
					Hernia
					os - Omphalocele
					06 - Gastroschisis
					07 – Limb Reduction Defect
					<sub>08</sub> – Cleft Lip with or without
					Cleft
					Palate
					∞ – Cleft Palate Alone
					<sub>10</sub> – Down Syndrome
					11 – Chromosomal Disorder
					12 - Hypospadias
					<sub>13</sub> — None of the Above
					99 - Unknown/Not Stated
					***1992-2002***
					01 - Anencephalus
					<sub>02</sub> - Spina Bifida/Meningocele
					03 - Hydrocephalus
					04 - Microcephalus
					05 - Other Central Nervous
					System
					Anomalies
					06 - Heart Malformations
					07 - Other
					Circulatory/Respiratory
					Anomalies
					08 - Rectal Atresia/Stenosis
					op - Tracheo-Esophageal
					Fistula/Esophageal Atresia
					Omphalocele/Gastroschisis
					Omphalocele/Gastroschisis

					nai
280	Congenital	Congenital	Character; Max	malf1 - malf7	***2003-2016***
	Anomaly None	Malformations,	Length = 1		01 - Anencephaly
		None of the	Y - Yes		<sub>02</sub> – Meningocele/Spina
		Above	N - No		Bifida
			U - Unknown		<sub>03</sub> – Cyanotic Congenital
					Heart
					Disease
					<sub>04</sub> – Congenital
					Diaphragmatic
					Hernia
					05 - Omphalocele
					<sub>06</sub> - Gastroschisis
					<sub>07</sub> – Limb Reduction Defect
					<sub>08</sub> – Cleft Lip with or without
					Cleft
					Palate
					<sub>09</sub> – Cleft Palate Alone
					<sub>10</sub> – Down Syndrome
					<sub>11</sub> – Chromosomal Disorder
					<sub>12</sub> - Hypospadias
					<sub>13</sub> - None of the Above
					99 - Unknown/Not Stated
					***1992-2002***
					<sub>01</sub> - Anencephalus
					<sub>02</sub> - Spina Bifida/Meningocele
					<sub>03</sub> - Hydrocephalus
					<sub>04</sub> - Microcephalus
					<sub>05</sub> - Other Central Nervous
					System
					Anomalies
					06 - Heart Malformations
					07 - Other
					Circulatory/Respiratory
					Anomalies
					08 - Rectal Atresia/Stenosis
					09 - Tracheo-Esophageal
					Fistula/Esophageal Atresia

				Omphalocele/Gastroschisis
281	Congenital Anomaly Unknown	Malformations, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	11 Other Gastrointestinal ***2003-2016***  o1 - Anencephaly  o2 - Meningocele/Spina Bifida  o3 - Cyanotic Congenital Heart Disease  o4 - Congenital Diaphragmatic Hernia  o5 - Omphalocele  o6 - Gastroschisis  o7 - Limb Reduction Defect  o8 - Cleft Lip with or without Cleft Palate  o9 - Cleft Palate Alone  10 - Down Syndrome  11 - Chromosomal Disorder  12 - Hypospadias  13 - None of the Above

99 - Unknown/Not Stated
***1992-2002***  01 - Anencephalus  02 - Spina Bifida/Meningocele  03 - Hydrocephalus  04 - Microcephalus  05 - Other Central Nervous  System  Anomalies  06 - Heart Malformations  07 - Other  Circulatory/Respiratory  Anomalies  08 - Rectal Atresia/Stenosis  09 - Tracheo-Esophageal  Fistula/Esophageal Atresia  10 -  Omphalocele/Gastroschisis

282	Attendant Class	Classification of	Numeric; Max	attclass	***1989-2016***
		Attendant	Length = 1		∞ - Hospital
			o - Hospital		Administrator
			Administrator		<sub>01</sub> - Physician, MD
			1 - Physician, MD		<sub>02</sub> - Licensed Midwife
			2 - Licensed		03 - Osteopath, DO
			Midwife		04 - Father/Mother
			₃ - Osteopath, DO		os - Certified Nurse
			4 - Father/Mother		Midwife
			5 - Certified Nurse		06 - Nurse
			Midwife		07 - Other Midwife
			6 - Nurse		08 - Other
			7 - Other Midwife		09 - Not Stated
			8 - Other		Blank - Not
			9 - Unknown/Not		Applicable
			Stated		***1987-1988***
			10 - Family/Not		o <sub>1</sub> - Physician, MD
			Father		<sub>02</sub> - Licensed Midwife
			11 -		o3 - Osteopath, DO
			EMT/Paramedic		04 - Father/Mother
			12 - Physician		<sub>05</sub> – Certified Nurse
			Assistant/PAC		Midwife
					o <sub>6</sub> - Nurse
					o7 - Other Midwife
					<sub>08</sub> - Other
					og - Not Stated
					Blank - Not
					Applicable
					***1980-1986***
					o1 - Physician, MD
					<sub>02</sub> - Licensed/Certified Midwife
					03 - Osteopath, DO 04 - Father
					os - Mother
					os - Nurse
					07 - Other Midwife

283 Certifier Class	Classification of Certifier Before using this field, see "Data Quality Technical Notes - Attendant/Certifier Classification."	Administrator  1 - Physician, MD 2 - Licensed Midwife	08 Other ***1989-2016***  00 - Hospital    Administrator  01 - Physician, MD  02 - Licensed Midwife  03 - Osteopath, DO  04 - Father/Mother  05 - Certified Nurse    Midwife  06 - Nurse  07 - Other Midwife  08 - Other  09 - Not Stated  ***Added in 2013***  10 — Family (not father)  11 — EMT/Paramedic 12 — PAC/Physician    Assistant  ***1987-1988***
		9 - Unknown/Not Stated 10 - Family/Not Father 11 - EMT/Paramedic 12 - Physician	***Added in 2013***  10 — Family (not father)  11 — EMT/Paramedic 12 — PAC/Physician
		Assistanty FAC	***1987-1988***  o1 - Physician, MD  o2 - Licensed Midwife  o3 - Osteopath, DO  o4 - Father/Mother  o5 - Certified Nurse  Midwife  o6 - Nurse  o7 - Other Midwife  o8 - Other
			og - Not Stated  ***1985-1986*** o1 - Physician, MD o2 - Licensed/Certified    Midwife o3 - Osteopath, DO o4 - Father  O5 Mother

Field Number	Field Name (2019 and later)	Description	Format/Values	Historical Field Name(1992-2018)	Historical Format/Values(1992-2018)
1	State File Number (Internal) Fetal SFN Encrypt (External)	Certificate Number	Character; Max Length = 10 YYYY######	certno certno_e	
2	Certificate Type	Certificate Type	Character; Max Length = 1 F - Regular P - Out-of- State	certype	R - Regular D - Delayed (Selected years) O - Out-of-State
4	Date of Delivery Month	Date of Birth Month	Character; Max Length = 2 MM		
5	Date of Delivery Day	Date of Birth Day	Character; Max Length = 2 DD		
6	Date of Delivery Year	Date of Birth Year	Character; Max Length = 4 YYYY	dob_yr	
7	Time of Delivery	Time of Delivery Time of delivery in 24- hour format. Midnight has a value of '24', any time after midnight but before 1 am has a value of '00'. Prior to mid 1992, out of state occurrences were not coded.	_	birth_hr	
8	Sex	Sex of Child	Character; Max Length = 1 M - Male F - Female N - Undetermined	sex	F - Female M - Male U - Undetermined

9	Delivery Place NCHS Code	Facility Type of Delivery Facility type for delivery. Note that 'home' can be the mother's residence (the majority of records), another person's residence, or a midwife's place of business (if it's her home and not a licensed birth center).	Numeric; Max Length = 1 - Hospital - Enroute - Birth Center - Clinic/Doctor's Office - Home - Other 9 - Unknown/Not Stated		***2003-2018*** - Hospital - Enroute - Birth Center - Clinic/Doctor's Office - Home - Unknown Planning - Other - Home - Planned - Home - Unplanned - Unknown/Not Stated Blank - Not Coded  ***1980-2002*** - Hospital - Enroute - Birth Center - Other Medical Facility - Home - Other 9 - Unknown/Not Stated Blank - Not Coded
10	Delivery Facility ID	Facility ID Number	Character; Max Length = 4; See Facility Codes Spreadsheet	facility	See Facility Codes Spreadsheet
11	Intended Delivery Place	Intended Facility Type	Numeric; Max Length = 1 1 - Hospital - Birth Center - Clinic/Doctor's Office - Other	fac_int	***2003-2018***  1 – Hospital  – Birth Center  – Clinic/Doctor's  Office  – Other  – Home - Planned  ***1980-2002***

		- Home (Planned) 9 - Unknown/Not Stated	Not Collected
12 Delivery City	Delivery City	Delivery City	BIRTH-CITY- LITERAL
13 Delivery County	Delivery County	Delivery County	BIRTH-CNTY- LITERAL
14 Delivery WA County City Code	Delivery WA County City Code City in which the selivery occurred. If the delivery occurred in Washington State, this field will be greater than "0000." If a delivery occurs in a place with a population less than 2,500, it is assigned to the rural portion of the county.  Note: Use this field to select deliveries occurring in a specific county or city. See the County and City of Residence to select by place of residence. Before using this field, see "Data Quality Technical Notes - City/County/State of Residence and Occurrence" and see "How to Use the Data" in Techinical Notes	Character; Max Length = 4 See WA County City Codes Spreadsheet	 See WA County City Codes Spreadsheet

15	Delivery WA County Code	Delivery WA County Code County in which the selivery occurred. If the delivery occurred in Washington State, this field will be greater than "00." Note: Use this field to select deliveries occurring in a specific county or city. See the County and City of Residence to select by place of residence. Before using this field, see "Data Quality Technical Notes - City/County/State of Residence and Occurrence" and see "How to Use the Data" in Techinical Notes Document	Character; Max Length = 2 See WA County City Codes Spreadsheet	, –	See WA County City Codes Spreadsheet
16	Delivery State	Delivery State	Character; Max Length = 28		
17	Delivery State NCHS Code	Delivery State NCHS Code	Character; Max Length = 2; See NCHS State Codes Spreadsheet	st_occ	See NCHS State Codes Spreadsheet

10	Dalinami Ctata	Dalinam Chaha FIDC Cada	Cla a va at a v	
	Delivery State	Delivery State FIPS Code		
	FIPS Code		Max Length =	
			2	
			AL - Alabama	
			AK - Alaska	
			AZ - Arizona	
			AR - Arkansas	
			CA - California	
			CO - Colorado	
			CT -	
			Connecticut	
			DE - Delaware	
			DC - District of	
			Columbia	
			FL - Florida	
			GA - Georgia	
			HI - Hawaii	
			ID - Idaho	
			IL - Illinois	
			IN - Indiana	
			IA - Iowa	
			KS - Kansas	
			KY - Kentucky	
			LA - Louisiana	
			ME - Maine	
			MD -	
			Maryland	
			MA -	
			Massachusetts	
			MI - Michigan	
			MN -	
			Minnesota	
			MS -	
			Mississippi	
			MO - Missouri	
			MT - Montana	
			NE - Nebraska	
			NV - Nevada	
			NH - New	
			Hampshire	
			NJ - New	
			Jersey	

			NM - New Mexico NY - New York	
19	Delivery Country	Delivery Country	Character; Max Length = 64	
	Delivery Country WA Code	Delivery Country WA Code	Character; Max Length = 3 See WA Country Codes Spreadsheet	
	Delivery Country FIPS Code	Delivery Country FIPS Code	Character; Max Length = 2 AA - Aruba AC - Antigua and Barbuda AE - United Arab Emirates AF - Afghanistan AG - Algeria AJ - Azerbaijan AL - Albania AM - Armenia AN - Andorra AO - Angola AQ - American Samoa AR - Argentina AS - Australia	

			AT - Ashmore and Cartier Islands AU - Austria AV - Anguilla AX - Akrotiri AY - Antarctica BA - Bahrain BB - Barbados BC - Botswana		
			BD - Bermuda BE - Belgium BF - Bahamas, The BG - Bangladesh BH - Belize BK - Bosnia and		
			Herzegovina BL - Bolivia BM - Burma BN - Benin BO - Belarus BP - Solomon Islands BQ - Navassa Island		
22	Residence City	Residence City	Character; Max Length = 112		
23	Residence County	Residence County	Character; Max Length = 112		
24	City WA Code	Residence County City WA Code If the residence is in Washington State, this field will be greater than "0000." If the place of residence has a population less than	Character; Max Length = 4; See WA County City Codes Spreadsheet	city_res	See WA County City Codes Spreadsheet

25	Residence County WA Code	2,500, it is assigned to the rural portion of the county.  Note: Use this field to select delivery for residents in a specific county or city. See the County and City of Occurrence to select by place of occurrence.  Before using this field, see "Data Quality Technical Notes - City/County/State of Residence and Occurrence."  Residence County WA Code  If the residence is in Washington State, this field will be greater than "00."  Note: Use this field to select delivery for residents in a specific county or city. See the County and City of Occurrence to select by place of occurrence.  Before using this field, see "Data Quality Technical Notes - City/County/State of Residence and Occurrence."	Character; Max Length = 2; See WA County City Codes Spreadsheet	cnty_res	See WA County City Codes Spreadsheet
26	<u> </u>	Residence County NCHS Code	Character;		
	TTOTIS COUL		Max Length = 3; See NCHS		

			WA County	
			Codes	
			Spreadsheet	
27	Residence County	Residence County FIPS	Character;	
	FIPS Code	Code	Max Length =	
			2; See WA	
			FIPS Codes	
			Spreadsheet	
28	Residence State	Residence State	Character;	
			Max Length =	
			112	

29	Residence State NCHS Code	Residence State NCHS	Character; Max	st_res	See NCHS State
	NCHS Code	Code	Length = 2; See NCHS State		Codes Spreadsheet
			Codes	DSA #	2028-11-02
			Spreadsheet		CLH 31110
30	Residence State	Residence State FIPS	Character; Max		
30		Code	Length = 2		
	i ir 3 code	Code	AL - Alabama		
			AK - Alaska		
			AZ - Arizona		
			AR - Arkansas		
			CA - California		
			CO - Colorado		
			CT - Connecticut		
			DE - Delaware		
			DC - District of		
			Columbia		
			FL - Florida		
			GA - Georgia		
			HI - Hawaii		
			ID - Idaho		
			IL - Illinois		
			IN - Indiana		
			IA - Iowa		
			KS - Kansas		
			KY - Kentucky		
			LA - Louisiana		
			ME - Maine		
			MD - Maryland		
			MA -		
			Massachusetts		
			MI - Michigan		
			MN - Minnesota		
			MS - Mississippi		
			MO - Missouri		
			MT - Montana		
			NE - Nebraska		
			NV - Nevada		
			NH - New		
			Hampshire		
			NJ - New Jersey		
			NM - New		
			Mexico NY		
			- New York		
31	Residence Zip	Residence Zip Code	Character; Max	zipcode	
	Code		Length = 10		
			XXXXX-XXXX		

32	Mother Years at Residence	Mother Years at Residence	Numeric; Max Length = 3 999 - Unknown/Not Stated	res_yprt	Number of years mother lived at the current residence, at the time of birth, in yy format.  ***1989-2018*** YY 9999 - Unknown  ***1980-1988*** Blank Field - Not Collected
33	Mother Months at Residence	Mother Months at Residence	Numeric; Max Length = 2	res_mprt	***1989-2018*** mm 9999 - Unknown ***1980-1988*** Blank Field - Not Collected
34	Mother Marital Status	Mother Marital Status	Character; Max Length = 1 Y - Yes N - No U - Unknown	married	Y - Yes N - No U - Not Stated
35	Mother Calculated Age	Mother Calculated Age	Numeric; Max Length = 3 99 - Unknown/Not Stated	age_mom	Unknown/Not Stated = 99
36	Mother Birthplace State	Mother Birth State - Literal	Character; Max Length = 112		
37	Mother Birthplace State FIPS	Mother Birthplace State NCHS code In addition to the 50 states, the District of Columbia, the Virgin Islands, Cuba, Guam, Puerto Rico, Canada and Mexico also receive unique codes in this field.	Length =2; See NCHS State Codes Spreadsheet	birplmom	See NCHS State Codes Spreadsheet

38 Mother Birthplace Country	Mother's Birth Country - Literal	Character; Max Length = 64		
39 Mother Birthplace Country WA Cd	Mother's Birthplace Country WA Code	character; Max Length = 3; See WA Country Codes Spreadsheet	bctrymom	See WA Country Codes Spreadsheet
40 Mother Birthplace Country FIPS	Mother Birthplace Country FIPS Code	Character; Max Length = 2 AA - Aruba AC - Antigua and Barbuda AE - United Arab Emirates AF - Afghanistan AG - Algeria AJ - Azerbaijan AL - Albania AM - Armenia AN - Andorra AO - Angola AQ - American Samoa AR - Argentina AS - Australia AT - Ashmore and Cartier Islands AU - Austria AV - Anguilla AX - Akrotiri AY - Antarctica BA - Bahrain BB - Barbados BC - Botswana BD - Bermuda BE - Belgium		

	BH - Be	ngladesh lize snia and ovina livia urma enin elarus lomon	

## BQ - Navassa Island

	Mother Race White	Mother's Race, White	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_wht	***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown ***1980-2002*** Not Collected. See race_mom.
42	Mother Race Black	Mother's Race, Black	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_blk	***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown ***1980-2002*** Not Collected. See race_mom.
43	Mother Race Amer Indian Alaskan	Mother's Race, American Indian/Alaska Native	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_ami	***2003-2018*** Y – Yes, this box checked N – No, box not checked

44	Mother Race Asian Indian	Mother's Race, Asian Indian	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_asi	U – Entire Mother's Race item unknown ***1980-2002*** Not Collected. See race_mom. ***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown ***1980-2002***
45	Mother Race Chinese	Mother's Race, Chinese	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_chi	Not Collected. See race_mom.  ***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
46	Mother Race Filipino	Mother's Race, Filipino	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_fil	***1980-2002*** Not Collected. See race_mom.  ***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's
	Mother Race Japanese	Mother's Race, Japanese	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_jap	Race item unknown  ***1980-2002*** Not Collected. See race_mom.  ***2003-2018*** Y – Yes, this box checked N – No, box not checked

Mother Race Korean	Mother's Race, Korean	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_kor	U – Entire Mother's Race item unknown ***1980-2002*** Not Collected. See race_mom.  ***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
				***1980-2002*** Not Collected. See race_mom.
Mother Race Vietnamese	Mother's Race, Vietnamese	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_vie	***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
				***1980-2002*** Not Collected. See race_mom.
Mother Race Other Asian	Mother's Race, Other Asian	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_oas	***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
				***1980-2002*** Not Collected. See race_mom.
Mother Race Hawaiian	Mother's Race, Native Hawaiian	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_haw	***2003-2018*** Y – Yes, this box checked N – No, box not checked

	T	T	ı	T	_
					U – Entire Mother's Race item unknown
					***1980-2002***
					Not Collected. See
					race mom.
52	Mother Race	Mother's Race,	Character;	momr_gua	***2003-2018***
	Guam or	Guamanian or Chamorro			Y – Yes, this box
	Chamorro		1		checked
			Y - Yes		N – No, box not
			N - No		checked
			U - Unknown		U – Entire Mother's
					Race item unknown
					***1980-2002***
					Not Collected. See
					race_mom.
53	Mother Race	Mother's Race, Samoan	Character;	momr_sam	***2003-2018***
	Samoan		Max Length =		Y – Yes, this box
			1		checked
			Y - Yes		N – No, box not
			N - No		checked
			U - Unknown		U – Entire Mother's
					Race item unknown
					***1980-2002***
					Not Collected. See
					race_mom.

	Mother's Race, Other Pacific Islander	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_opi	***2003-2018*** Y – Yes, this box checked NSANO, 2028 ppt 62ecked U – Entire Mother's Race item unknown  ***1980-2002*** Not Collected. See race_mom.
	Mother's Race, Other	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_oth	***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown ***1980-2002*** Not Collected. See race_mom.
Tribe 1	Mother's Race Literal 1, American Indian/Alaska Native	Character; Max Length = 120		_
Tribe 2	Mother's Race Literal 2, American Indian/Alaska Native	Character; Max Length = 120		
Other Asian	Mother's Race Literal 1, Other Asian	Character; Max Length = 120		
Other PI 1	Mother's Race Literal 1, Other Pacific Islander	Character; Max Length = 120		
Other PI 2	Mother's Race Literal 2, Other Pacific Islander	Character; Max Length = 120		
	Mother's Race Literal 1, Other	Character; Max Length = 120		
Mother Race Other 2	Mother's Race Literal 2, Other	Character; Max Length = 120		

81 Mother Race	Mother's Pace	Character; Max Length = 1	race mom	***2003-2018***
Calculation	Uses race	- White	race_IIIOIII	Uses race assigned by
Calculation	assigned by	- Black		NCHS bridging methods
	NCHS bridging	- Native American		
	methods (see			(see Data Quality
	Data Quality	- Chinese		Technical Notes for
	Technical Notes	- Japanese		description).
	for description).	- Other Non-White		Coding same as in
	,	- Filipino		previous years, plus:
		- Refused to State		Blank – Not processed
		- Unknown/Not Stated		by NCHS
		<sub>^</sub> - Hawaiian		***1992-2002***
		₃ - Other Asian/Pacific		1992 2002
		Islander		2 - Black
		c -		₃ - Native American
		Mexican/Chicano/Hispanic		4 - Chinese
		₀- Asian		₅ - Japanese
		₌ - Korean		- Other Non-White
		<sub>F</sub> - Samoan		7 - Filipino
		<sub>G</sub> - Vietnamese		8 - Refused to State
		ր- Guamanian		- Unknown/Not Stated
		Blank – Not processed by		- Hawaiian
		NCHS		
				- Other Asian/Pacific
				Islander
				P. A i a a d'Obi a a a d'Uli a a a d'a
				Mexican/Chicano/Hispanic
				- Asian
				- Korean
				- Samoan
				- VietnameseH -
				Guamanian
				***1988-1991***
				լ - White
				₂ - Black
				3 - Native American
				4 - Chinese
				s - Japanese
				6 - Other Non-White
				<sub>7</sub> - Filipino
				7 - 1 IIIPIIIO

8 - Refused to State

82 Mother Race	Mother's Summary Race Nu	meric; Max	moracsum	Note:	for the race
Summary Code	Lei	ngth = 2		codes	below, AIAN :
	Sin	gle race		Ameri	can
	10	-		Indian	/Alaska
	W	/hite		Native	e; NHOPI =
	11	- Black		Native	Hawaiian or
	12	-		Other	Pacific
	A	merican		Island	er.
	lr lr	idian/Alaska	э		
	N	ative		***20	03-2018***
	13	- Asian		Single	
	14	-		10	– White onl
	N	ative		11	<ul> <li>Black only</li> </ul>
	Н	awaiian or		12	– AIAN only
	P	acific		13	– Asian only
	Isla	ander		14	– NHOPI
	Tw	o races		only	
	- V	/hite and		Two ra	aces
	Bla	ıck		20	– White,
	- v	/hite and		Black	
	An	nerican		21	– White,
	Inc	lian/Alaska		AIAN	
	Na	tive		22	– White,
	- V	/hite and		Asiar	
	Asi	an		23	– White,
	- V	/hite and		NHO	•
	Na	tive		24	– Black,
	Ha	waiian or		AIAN	
	Pa	cific		25	– Black,
	Isla	ander		Asiar	
	- B	lack and		26	– Black,
	An	nerican		NHO	
	Inc	lian/Alaska		27	– AIAN,
	Na	tive		Asiar	
	- B	lack and			
	Asi	an		28 NHO	– AIAN,
	- B	lack and		NHO	
	Na	tive		29	– Asian,
	На	waiian or		NHO	
				Three	races

			Do eifi e		\ A /  _ ! ± _
			Pacific		- White,
			Islander		Black, AIAN
			- American		- White,
			Indian/Alaska		Black, Asian
			Native and		- White,
			Asian		Black, NHOPI
			- American		₃₃ – White,
			Indian/Alaska		AIAN, Asian
			Native and		- White,
			Native		AIAN, NHOPI
			Hawaiian or		₃₅ – White,
			Pacific		Asian, NHOPI
			Islander		₃₀ – Black,
			- Asian and		AIAN, Asian
			Native		- Black,
			Hawaiian or		AIAN, NHOPI
			Pacific		- Black,
			Islander		Asian, NHOPI
			Three races		- AIAN,
			- White and		Asian, NHOPI
			Black and		Four races
			American		
			Indian/Alaska		
			Native		
			- White and		
			Black and		
			Asian		
			- White and		
			Black and		
			Native		
			Hawaiian or		
			Pacific		
			Islander		
			- White and		
			American		
83	Mother Hispanic	Mother's Hispanic	Character;	momh_no	***2003-2018***
	No	Origin, Not Hispanic	Max Length =		Y – Yes, this box
			1		checked
			Y - Yes		N – No, box not
			N - No		checked
			U - Unknown		

					U – Entire Mother's Hispanic item unknown ***1980-2002*** Not Collected. See hisp_mom.
84	Mother Hispanic Mexican	Mother's Hispanic Origin, Mexican	Character; Max Length = 1 H - Yes N - No U - Unknown	momh_mex	***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item unknown ***1980-2002*** Not Collected. See hisp mom.
85	Mother Hispanic Puerto Rican	Mother's Hispanic Origin, Puerto Rican	Character; Max Length = 1 H - Yes N - No U - Unknown	momh_pr	***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item unknown  ***1980-2002*** Not Collected. See hisp_mom.
	Mother Hispanic Cuban	Mother's Hispanic Origin, Cuban	Character; Max Length = 1 H - Yes N - No U - Unknown	momh_cub	***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item unknown  ***1980-2002*** Not Collected. See hisp_mom.

87	Mother Hispanic Other	Mother's Hispanic Origin, Other Hispanic	Character; Max Length = 1 H - Yes N - No U - Unknown	momh_oth	***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item unknown ***1980-2002*** Not Collected. See hisp_mom.
88	Mother Hispanic Other Specify	Mother's Hispanic Origin, Other Hispanic Literal	Character; Max Length = 21		
91	Mother Hispanic	Mother's Hispanic Origin Note: Hispanic ethnicity data are not complete for 1988. Before using this field, see "Data Quality Technical Notes - Race/Hispanic Origin (Mother, Father, Child)."			***1996-2018***  - Non-Hispanic  - Mexican  - Puerto Rican  - Cuban  - Central or South American  - Other and Unknown Hispanic 9 - Unknown/Not Stated  ***1988-1995***  - Non-Hispanic  - Mexican  - Puerto Rican  - Cuban  - Central or South American  - Other Hispanic  - Unknown  Hispanic  - Unknown  - Unknown  - Other Hispanic  - Unknown  - Unknown  - South  - Other Hispanic  - Unknown  - Hispanic  - Unknown/Not  - Stated

94	Mother	Mother's Education	Numeric; Max	educ_mom	***2003-2018***
	Education	Level	Length = 1	_	₀₁ − 8th grade
		Highest grade	- 8th grade or less		or less (see
		completed by the	2 - 9th-12th grade,		dadle8ed, field 201
		mother.	no diploma		<sub>02</sub> – 9th-12th
			₃ - High school		grade, no diploma
			graduate or GED		□3 − High school
			- Some college,		graduate or GED
			no degree		o4 – Some
			₅ - Associate		college, no degree
			degree		₀₅ – Associate
			₅ - Bachelor's		degree
			degree		<sub>06</sub> – Bachelor's
			, - Master's degree		degree
			8 - Doctorate or		<sub>07</sub> – Master's
			Professional		degree
			degree 9		₀₃ – Doctorate
			-		or Professional
			Unknown		degree
					<sub>09</sub> – Unknown
					(09 or 99?)
					***1992-2002***
					<sub>00</sub> - No
					education
					o1 - Completed
					first grade
					<sub>02</sub> - Completed
					second grade
					<sub>03</sub> - Completed
					third grade
					o4 - Completed
					fourth grade
					os - Completed
					fifth grade
					of - Completed
					sixth grade
					o7 - Completed
					seventh grade

				os - Completed eighth grade os - Completed ninth grade os - Completed tenth grade os - Completed tenth grade os - Completed eleventh grade os - High school graduate os - Completed os years of college os - College os raduate os - Post os graduate work os - Unknown/Not os tated ***1980-1991***
95	Mother Education 8th Grade Less		Numeric; Max Length = 1  = No education  = 1st grade  = 2nd grade  = 3rd grade  = 4th grade  = 5th grade  = 6th grade  = 7th grade  = 8th grade  = Unknown	***2003-2018*** 0 – No education 1-8 – 1st – 8th grade 9 – Unknown ***1980-2002*** Not Collected
96	Father Calculated Age	<u> </u>	Numeric; Max Length = 3 99 - Unknown/Not Stated	 99 - Unknown/Not Stated

97	Father	Father's Birth State -	Character; Max	
	Birthplace State		Length = 112	
98		Father's Birthplace	Character; Max	
	Birthplace State	<u> </u>	Length = 2	
	FIPS		AL - Alabama	
			AK - Alaska	
			AZ - Arizona	
			AR - Arkansas	
			CA - California	
			CO - Colorado	
			CT - Connecticut	
			DE - Delaware	
			DC - District of	
			Columbia	
			FL - Florida	
			GA - Georgia	
			HI - Hawaii	
			ID - Idaho	
			IL - Illinois	
			IN - Indiana	
			IA - Iowa	
			KS - Kansas	
			KY - Kentucky	
			LA - Louisiana	
			ME - Maine	
			MD - Maryland	
			MA -	
			Massachusetts	
			MI - Michigan	
			MN - Minnesota	
			MS - Mississippi	
			MO - Missouri	
			MT -	
			Montana	
			NE -	
			Nebraska	
			NV - Nevada	
			NH - New	
			Hampshire	
			NJ - New Jersey	
			NM - New Mexico	
			NY - New York	

	Birthplace	Father's Birth Country - Literal	Character; Max Length = 256		
	Country				
100	Father	Father's Birthplace	Character; Max	bctrydad	See WA Country
	Birthplace	Country WA code	Length = 3		Codes Spreadsheet
	Country WA Cd		See WA Country		
			Codes		
			Spreadsheet		

101	Father Birthplace	Father's Birthplace	Character;
	Country FIPS	Country FIPS Code	Max Length =
	,	,	3
			AA - Aruba
			AC - Antigua
			and Barbuda
			AE - United
			Arab Emirates
			AF -
			Afghanistan
			AG - Algeria
			AJ -
			Azerbaijan
			AL - Albania
			AM - Armenia
			AN - Andorra
			AO - Angola
			AQ -
			American
			Samoa
			AR - Argentina
			AS - Australia
			AT - Ashmore
			and Cartier
			Islands
			AU - Austria
			AV - Anguilla
			AX - Akrotiri
			AY -
			Antarctica
			BA - Bahrain
			BB - Barbados
			BC - Botswana
			BD - Bermuda

	1		1	1	
			BE - Belgium BF - Bahamas, The BG - Bangladesh BH - Belize BK - Bosnia and Herzegovina BL - Bolivia BM - Burma BN - Benin BO - Belarus BP - Solomon Islands BQ - Navassa Island		
	Father Race White	Father's Race, White	Character; Max Length = 1 Y - Yes N - No U - Unknown		***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Father's Race item unknown ***1980-2002*** Not Collected. See race dad.
103	Father Race Black	Father's Race, Black	Character; Max Length = 1 Y - Yes N - No U - Unknown		***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Father's Race item unknown ***1980-2002*** Not Collected. See race dad.
		Father's Race, American Indian/Alaska Native	Character; Max Length = 1 Y - Yes N - No	dadr_ami	***2003-2018*** Y – Yes, this box checked N – No, box not checked

	Father Race Asian Indian	Father's Race, Asian	U - Unknown  Character; Max Length =  1 Y - Yes N - No U - Unknown	dadr_asi	U – Entire Father's Race item unknown ***1980-2002*** Not Collected. See race dad. ***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Father's Race item unknown
106	Father Race Chinese	Father's Race, Chinese	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_chi	***1980-2002*** Not Collected. See race dad.  ***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Father's Race item unknown
	Father Race Filipino	Father's Race, Filipino	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_fil	***1980-2002*** Not Collected. See race dad.  ***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Father's
	Father Race Japanese	Father's Race, Japanese	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_jap	Race item unknown  ***1980-2002*** Not Collected. See race dad.  ***2003-2018*** Y – Yes, this box checked N – No, box not checked

					U – Entire Father's Race item unknown
					***1980-2002***
					Not Collected. See
					race dad.
109	Father Race	Father's Race, Korean	Character;	dadr_kor	***2003-2018***
	Korean		Max Length =		Y – Yes, this box
			1 Y - Yes		checked N – No, box not
			N - No		checked
			U - Unknown		U – Entire Father's
					Race item unknown
					***1980-2002***
					Not Collected. See
					race dad.
110	Father Race Vietnamese	Father's Race, Vietnamese	Character; Max Length =	dadr_vie	***2003-2018*** Y – Yes, this box
	Vietilalliese	Vietilaillese	1		checked
			Y - Yes		N – No, box not
			N - No		checked
			U - Unknown		U – Entire Father's
					Race item unknown
					***1980-2002***
					Not Collected. See race dad.
111	Father Race	Father's Race, Other	Character;	dadr_oas	***2003-2018***
	Other Asian	Asian	Max Length =	audi_eus	Y – Yes, this box
			1		checked
			Y - Yes		N – No, box not
			N - No U - Unknown		checked U – Entire Father's
			U - UTIKITOWIT		Race item unknown
					***1980-2002***
					Not Collected. See
					race dad.
	Father Race	Father's Race, Native	Character;	dadr_haw	***2003-2018***
	Hawaiian	Hawaiian	Max Length = 1		Y – Yes, this box checked
			Y - Yes		N – No, box not
			N - No		checked

113	Father Race Gaum or Chamorro	Guamanian or Chamorro	U - Unknown  Character; Max Length =  1 Y - Yes N - No U - Unknown	dadr_gua	U – Entire Father's Race item unknown ***1980-2002*** Not Collected. See race dad. ***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Father's Race item unknown ***1980-2002***
114	Father Race Samoan		Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_sam	Not Collected. See race dad.  ***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Father's Race item unknown  ***1980-2002*** Not Collected. See race dad.
115	Father Race Other PI		Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_opi	***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Father's Race item unknown ***1980-2002*** Not Collected. See race dad.
116	Father Race Other		Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_oth	***2003-2018*** Y – Yes, this box checked N – No, box not checked

				U – Entire Father's Race item unknown ***1980-2002*** Not Collected. See race dad.
117	Father Race Tribe 1	Father's Race Literal 1, American Indian/Alaska Native	Character; Max Length = 120	
118	Father Race Tribe 2	Father's Race Literal 2, American Indian/Alaska Native	Character; Max Length = 120	
119	Father Race Other Asian 1	Father's Race Literal 1, Other Asian	Character; Max Length = 120	
120	Father Race Other Asian 2	Father's Race Literal 2, Other Asian	Character; Max Length = 120	
121	Father Race Other PI 1	Father's Race Literal 1, Other Pacific Islander	Character; Max Length = 120	
122	Father Race Other PI 2	Father's Race Literal 2, Other Pacific Islander	Character; Max Length = 120	
123	Father Race Other 1	Father's Race Literal 1, Other	Character; Max Length = 120	
141	Father Bridge Race	Father's NCHS Bridged Race	Character; Max Length = 2	
			Note: for the race codes below, AIAN = American Indian/Alaska Native	
			Single race specified — White	

Black
0.1001
- AIAN
h —
Asian
, –   
Chinese
-
Filipino
, - 
Japanese
B -
Korean
-
Vietnamese
-
Other Asian
_
Native
Hawaiian
_
Guamanian or
Chamorro
Samoan
Other Pacific
Islander15 -
Other
Bridged
multiple
specified race
ı – White
<sub>22</sub> – Black
<sub>23</sub> — AIAN
₂₄ – Asian or
Pacific
Islander

142 Fath Da	Fathaula Dasa	Character Maril anoth	سممم دا - دا	***2002 2010***
142 Father Race Calculation	Father's Race Calculation	Character; Max Length = 1 - White	race_dad	***2003-2018***
Calculation	Uses race			Uses race assigned by
	assigned by	- Black - Native American		NCHS bridging methods
	NCHS bridging			(see Data Quality
	methods (see	- Chinese		Technical Notes for
	Data Quality	- Japanese		description).
	Technical Notes	- Other Non-White		Coding same as in
	for description).	- Filipino		previous years, plus:
	,	- Refused to State		Blank – Not processed
		- Unknown/Not Stated		by NCHS
		Hawaiian		***1992-2002***
		- Other Asian/Pacific		1 - White
		Islander		₂ - Black
		-		3 - Native American
		Mexican/Chicano/Hispanic		4 - Chinese
		- Asian		s - Japanese
		- Korean		- Other Non-White
		- Samoan		7 - Filipino
		- Vietnamese		- Refused to State
		- Guamanian		- Unknown/Not Stated
		Blank – Not processed by		- Hawaiian
		NCHS		
				- Other Asian/Pacific
				Islander
				Mexican/Chicano/Hispanic
				- Asian
				- Korean
				- Samoan
				- VietnameseH -
				Guamanian
				***1988-1991***
				₁ - White
				₂ - Black
				₃ - Native American
				4 - Chinese
				₅ - Japanese
				- Other Non-White
				<sub>7</sub> - Filipino
				- Refused to State
				crasca to state

143 Father Race	Father's	Numeric; Max Length = 2	faracsum	Note: for the race codes
	Summary Race	Single race	iaiaosaiii	below, AIAN = American
Code	, , , , , ,	10 - White		Indian/Alaska Native;
		11 - Black		NHOPI = Native Hawaiian
		12 - American		or Other Pacific Islander.
		Indian/Alaska Native		of Other Pacific Islander.
		A - '		***2003-2018***
		Native Herreitere		Single race
		or Pacific		– White only
				· ·
		Islander		– Black only
		Two races - White and Black		– AIAN only
				– Asian only
		- White and American		– NHOPI only
		Indian/Alaska Native		Two races
		- White and Asian		– White, Black
		- White and Native		– White, AIAN
		Hawaiian or		– White, Asian
		Pacific Islander		– White, NHOPI
		- Black and American		– Black, AIAN
				– Black, Asian
				– Black, NHOPI
				– AIAN, Asian
				– AIAN, NHOPI
				– Asian, NHOPI
		, and the second		Three races
				– White, Black, AIAN
		- American Indian/Alaska		– White, Black, Asian
		Native and Native Hawaiian		– White, Black, NHOPI
		or Pacific		
		Islander		
		- Asian and Native		
		Hawaiian or		·
		Pacific Islander		
		Three races		, ,
		- White and Black and		
		American		·
		Indian/Alaska Native		roul laces
		- White and Black and		
		Asian		
		Native and Native Hawaiian or Pacific Islander - Asian and Native Hawaiian or Pacific Islander Three races - White and Black and American Indian/Alaska Native - White and Black and		<ul> <li>Black, NHOPI</li> <li>AIAN, Asian</li> <li>AIAN, NHOPI</li> <li>Asian, NHOPI</li> <li>Three races</li> <li>White, Black, AIAN</li> <li>White, Black, Asian</li> </ul>

		- White and Black and Native Hawaiian or Pacific Islander - White and American		
	Origin, Not	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadh_no	***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Father's Hispanic item unknown
				***1980-2002*** Not Collected. See hisp_dad.
Father Hispanic Mexican	Origin, Mexican	Character; Max Length = 1 H - Yes N - No U - Unknown	dadh_mex	***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Father's Hispanic item unknown
				***1980-2002*** Not Collected. See hisp_dad.
Father Hispanic Puerto Rican	Origin, Puerto	Character; Max Length = 1 H - Yes N - No U - Unknown	dadh_pr	***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Father's Hispanic item unknown
				***1980-2002*** Not Collected. See hisp_dad.
Father Hispanic Cuban	Origin, Cuban	Character; Max Length = 1 H - Yes N - No	dadh_cub	***2003-2018*** Y – Yes, this box checked N – No, box not checked

			U - Unknown		U – Entire Father's Hispanic item unknown
					***1980-2002***
					Not Collected. See
					hisp_dad.
148	Father	Father's Hispanic	Character; Max Length = 1	dadh_oth	***2003-2018***
	Hispanic	Origin, Other	H - Yes		Y – Yes, this box checked
	Other	Hispanic	N - No		N – No, box not checked
			U - Unknown		U – Entire Father's
					Hispanic item unknown
					***1980-2002***
					Not Collected. See
					hisp_dad.

149 Father Hispanic Other Specify	Origin, Other Hispanic Literal		h d d	***4000 2040***
152 Father Hispanio	Origin Note: Hispanic ethnicity data are not complete for 1988. Before using this field, see "Data Quality Technical Notes - Race/Hispanic Origin (Mother, Father, Child)."	Numeric; Max Length = 1  - Non-Hispanic  - Mexican  - Puerto Rican  - Cuban  - Central or South American  - Other and Unknown Hispanic 9 - Unknown/Not Stated	hisp_dad	***1996-2018***  - Non-Hispanic - Mexican - Puerto Rican - Cuban - Central or  South American - Other and Unknown Hispanic9 - Unknown/Not Stated  ***1988-1995*** - Non-Hispanic - Mexican - Puerto Rican - Cuban - Central or South American - Other Hispanic - Unknown Hispanic - Unknown Hispanic - Unknown Hispanic - Unknown Hispanic - Unknown/Not Stated

155 Father	Father's Education	Numeric; Max ec	duc_dad	***2003-2018***
Education	Level	Length = 1		₀₁− 8th grade or less
	Highest grade	1- 8th grade or less		(see dadle8ed, field
	completed by the	2- 9th-12th grade,		201)
	father.	no diploma		₀₂− 9th-12th grade, no
		₃- High school		diploma
		graduate or GED		∞ – High school
		₄- Some college, no		graduate or GED
		degree		₀₄– Some college, no
		5- Associate degree		degree
		6- Bachelor's		os – Associate degree
		degree		₀ – Bachelor's degree
		7- Master's degree		₀¬ Master's degree
		8- Doctorate or		₀₃− Doctorate or
		Professional		Professional degree
		degree 9		∞− Unknown (09 or
		-		99?)
		Unknown		33.7
				***1992-2002***
				∞- No education
				o1- Completed first
				grade
				<sub>02</sub> - Completed second
				grade
				₀₃- Completed third
				grade
				04- Completed fourth
				grade
				os - Completed fifth
				grade
				∞- Completed sixth
				grade
				o7 - Completed seventh
				grade
				∞- Completed eighth
				grade
				∞- Completed ninth
				grade
				10- Completed tenth
				grade
				grade

		Father's Education Years If LE 8th Grade	Numeric; Max Length = 1  - No education  - 1st grade  - 2nd grade  - 3rd grade  - 4th grade  - 5th grade  - 6th grade  - 7th grade  - 8th grade  - Unknown	dadle8ed	eleventh grade eleventh grade 12- High school graduate 13- Completed 1 year of college 14- Completed 2 years of college 15- Completed 3 years of college 16- College graduate 17- Post graduate work 199 - Unknown/Not stated ***1980-1991*** 99 - Not Collected ***2003-2018*** 0 - No education 1-8 - 1st - 8th grade 9 - Unknown ***1980-2002*** Not Collected
	Mother Height Feet	Mother's Height, Feet		ht_ft	***2003- 2018*** 9 – Unknown
450	Nacha et la la la	Nash and the tr	Ch ava al a s A f	La to	***1980-2002*** Not Collected
	_	Mother's Height, Inches	Character; Max Length = 2 99 - Unknown/Not Stated	ht_in	***2003- 2018*** 99 – Unknown ***1980-2002***

					Not Collected
159		Weight Prior to Pregnancy Number of pounds Mother weighed before pregnancy. Only whole number is kept. This field was first collected in 1992. Before using this field, see "Data Quality Technical Notes - Weight Gained During Pregnancy, Prepregnancy Weight and Delivery Weight."	Numeric; Max Length = 3 999 - Unknown/Not Stated	wghtpre	***1992- 2018*** 999 - Unknown ***1980-1991*** 999 - Not Collected
160	at Delivery	Mother's Weight At Delivery Number of pounds Mother weighed at delivery. Only whole number is kept. Before using this field, see "Data Quality Technical Notes - Weight Gained During Pregnancy, Prepregnancy Weight and Delivery Weight."	Length = 3 999 - Unknown/Not Stated	wghtdelv	***2003- 2018*** 999 - Unknown ***1980-2002*** Not Collected
161	Gain	Weight Gain During Pregnancy Number of pounds Mother gained during pregnancy. Only whole number is kept.	Numeric; Max Length = 3	wghtgain	***2003-2018*** This field is calculated from prepregnancy and delivery weights (see fields 110 and 213).

162		Before using this field, see "Data Quality Technical Notes - Weight Gained During Pregnancy, Prepregnancy Weight and Delivery weight."  ***2003-present*** This field is calculated from prepregnancy and delivery weights (see fields 110 and 213).  098 – 98+ lbs for out of state occurrences only Body Mass Index	Numeric; Max		098 – 98+ lbs for out of state occurrences only  ***1989-2002*** 000 - No Weight Change or Lost Weight 999 - Unknown/Not Stated  ***1980-1988*** 999 - Not Collected
102	Widther Bivii		Length = 3 99.9 - Unknown		2003 2018*** 99.9 - Unknown ***1980-2002***
					Not Collected
	T				T
		Smoking Status	Max Length =  1 N - No Y - Yes U - Unknown/Not Stated	smoking	
	Cigarettes Smoked 3 Months Prior	Number Cigarettes Smoked 3 Months Before Preg	Numeric; Max Length = 4	cigs_bef	
165	Cigarettes Smoked 1st Tri	Number Cigarettes Smoked during 1st	Numeric; Max Length = 4	cigs_1 <sup>st</sup>	

Trimester

166	Cigarettes Smoked 2nd Tri	Number Cigarettes Smoked during 2nd Trimester	Numeric; Max Length = 4	cigs_2 <sup>nd</sup>	
	Cigarettes Smoked 3rd Tri	Number Cigarettes Smoked during 3rd Trimester	Numeric; Max Length = 4	cigs_3 <sup>rd</sup>	
168	Mother Transfer	Mother Transferred After Attempted Delivery	Character; Max Length = 1 N - Not Transferred Y - Yes U - Unknown	trnsferm	***2003-2018*** N - Not Transferred Y - Yes U - Unknown  ***1989-2002***  - Not Transferred 1- Birth Center 2- Home 3- Other 8 - Yes, Not Specified 9 - Unknown  ***1980-1988*** Blank Field - Not Collected
169	WIC	WIC Benefits Indicates whether the mother received WIC benefits during pregnancy. WIC (Women and Infant Children) is a free supplemental food and nutrition education program.	Character; Max Length = 1 Y - Yes N - No U - Unknown	wic_new	***2003-2018*** Y - Yes N - No U - Unknown  ***1980- 2002*** Not Collected.
170	Date First Prenatal Visit	Date First Prenatal Visit	Character; Max Length = 10 MM/DD/YYYY	fpvmd4y	
	Date Last Prenatal Visit	Date Last Prenatal Visit	Character; Max Length = 10 MM/DD/YYYY	lpvmd4y	

Month Prenatal Care Began	Month Prenatal Care Began Indicates the month from the beginning of the pregnancy at which Mother entered prenatal care. Before using this field, see "Data Quality Technical Notes - Month Prenatal Care Began." As of 2003, this field is calculated from date of first prenatal visit and menses date.	Numeric; Max Length = 10 99 - Unknown/Not Stated		***1992-2018*** 000 - None 001 to 010 - First through tenth month 999 - Unknown  ***1980-1991*** 000 - None 001 to 008 - First through eighth month 009 - Ninth month or greater 999 - Unknown
NCHS Month Prenatal Care Began	NCHS Prenatal Care NCHS method of calculation of prenatal care to file. Before using this field, see "data Quality Technical Notes – Month Prenatal Care Began."	Numeric; Max Length = 3 99 - Unknown/Not Stated		***2011-2018*** 999 - Unknown
Number Prenatal Visits	Number of Prenatal Visits Indicates the number of prenatal visits for the entire pregnancy. The '95' code was used until mid 1992.	Numeric; Max Length = 2 99 - Unknown/Not Stated		***1993-2018*** 000 - None 099 - Unknown/Not Stated  ***1980-1992*** 000 - None 095 - Some 099 - Unknown/Not Stated
Prior Live Births Living	Number of Prior Live Births, Now Living Before using this field, see "Data Quality Technical Notes - Previous Pregnancy History."	Numeric; Max Length = 2 00 - None 99 - Unknown/Not Stated	_	***1989-2018*** 000 - None 099 - Unknown/Not Stated  ***1984-1988*** 099 - Not Collected For related information see prior

					live births full term now living (lb_f_nl) and live births full term (lb_f84) ***1980-1983*** 000 - None 099 - Unknown/Not Stated
	Deceased	Number of Prior Live Births, Now Dead Before using this field, see "Data Quality Technical Notes - Previous Pregnancy History."	Numeric; Max Length = 2 00 - None 99 - Unknown	lb_nd	***1989-2018*** 000 - None 099 - Unknown/Not Stated  ***1984-1988*** 099 - Not Collected  ***1980-1983*** 000 - None 099 - Unknown/Not Stated
	Other Preg Outcomes	Other Pregnancy Outcomes	Numeric; Max Length = 2 99 - Unknown/Not Stated		***2003-2018*** 000 - None 099 - Unknown/Not Stated (or 999?)  ***1980-2002*** Not Collected
178		Date of Last Normal Menses	Character; Max Length = 10 MM/DD/YYYY	mensmd4y	
	Last Menses Month	Last Menses Month	Character; Max Length = 2 MM	mens_mo	
180	Last Menses Day	Last Menses Day	Character; Max Length = 2 DD	mens_da	
181	Last Menses Year	Last Menses Year	Character; Max Length = 4 YYYY	mens_yr	

182	Gestation Estimate	Weeks In weeks as estimated by	Numeric; Max Length = 2 40 - Full Term or Forty Weeks 99 - Unknown	DSA #	***1989-2018*** 40 - Full  12028011-02 Forty Werks 99 - Unknown ***1980-1988*** 000 - Not Collected
183	Calculated Gestation		Unknown/Did		***1980-2018*** Method of calculation different from method used in pre-2005 CDs, see Data Quality Technical Notes 99 - Missing, Not able to calculate
184	Calculated Gestation Flag	Indicates whether the calculated Gestation (gestcalc) field was calculated based on last menses date or estimated based on birth weight.	Max Length = 1 0 - Gestation was calculated based on		***2003-2018***  - Gestcalc was calculated based on Date of Birth and Last Menses Date Gestcalc was based on clinical estimate of gestation. 9 - Gestcalc could not be calculated or estimated  ***1980-2002*** - Gestcalc was calculated based on Date of Birth and Last Menses Date.

				- Gestcalc
				was estimated
				based on Birth
				weight.
				9 - Gestcalc could
				not be calculated or
				estimated
185	 Medical Risk Factor,		mrf1 - mrf6,	Diabetes
	Diabetes, Prepregnancy	Max Length =	diabetes	***2003-2018***
		1		E - Prepregnancy
		Y - Yes		G – Gestational
		N - No		U – Unknown
		U - Unknown		Blank - No Diabetes
				***mid 1992-
				2002***
				E - Established
				G - Gestational
				Blank - No Diabetes
				***1989-mid
				1992***
				E - Established
				G - Gestational
				U - Unknown
				whether Established
				or Gestational
				Blank - No Diabetes
				***1980-1988***
				Blank Field - Not
				Collected
				Medical Risk Factors
				***2003-2018***
				01- Diabetes
				<sub>02</sub> - Hypertension
				□3 – Previous Preterm
				Births
				04– Other Previous
				Poor Pregnancy
				Outcome
				os – Vaginal Bleeding
				During This
				Pregnancy
	l	1	l .	

186	Gestational Diabetes	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, diabetes	Prior to the Onset of Labor  — Pregnancy Resulted from Infertility Treatment  — Mother Had a Previous Cesarean Delivery  — Group B Streptococcus Culture Positive  — None of the Above 99 - Unknown/Not Stated  ***1992-2002***  Diabetes  ***2003-2018*** E - Prepregnancy G — Gestational U — Unknown Blank - No Diabetes  ***mid 1992- 2002*** E - Established G - Gestational Blank - No Diabetes  ***1989-mid 1992*** E - Established G - Gestational U - Unknown whether Established or Gestational Blank - No Diabetes  ***1989-mid 1992*** E - Established G - Gestational Blank - No Diabetes  ***1989-mid 1992*** E - Established G - Gestational Blank - No Diabetes  ***1989-mid 1992*** E - Established G - Gestational Blank - No Diabetes
				Blank - No Diabetes

187	Prepreg Hypertension	Medical Risk Factor, Hypertension, Prepregnancy	Ma 1 Y - N -	aracter; ax Length = Yes No Unknown	1 - mrf6, erflg	Hypertelesional Risk Factors ***2003*20003*2018*** E - Prepregalactors G - Gestationeatension U - Unknower ious Preterm Blank - Heighypertension  - Other Previous ***1980-2002*** Not Collected. See Outcome individual medical risk factors (fields #59-64).  Medical Reginal Bleeding factors (fields #59-64).  Medical Reginal Bleeding factors (fields #59-64).  Medical Reginal Bleeding factors (fields #59-64).  Medical Reginal anctors ***2003:0018***** Onset During This  Medical Reginal anctors ***2003:0018***  Medical Reginal anctors  ***2003:0018***  Medical Reginal anctors  ***2003:0018**  Medical Reginal anctors  ***2003:0018**  Medical Reginal anctors  ***2003:0018*  Medical Reginal anctors  ***2003:0018*  Medical Reginal anctors  ****2003:0018*  Medical Reginal anc
						Treatmentine of the
						OBTENTIAL DISTRIBUTION OF CHARACTER OF COMMENT OF COMME

					o- Polyhydramnios o- Oligohydramnios o- Hemoglobinopathy
188	Gestational Hypertension	Medical Risk Factor, Hypertension, Gestational	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, hyperflg	Hypertension Flag ***2003- 2018*** E - Prepregnancy G - Gestational U - Unknown Blank - No hypertension  ***1980-2002*** Not Collected. See individual medical risk factors (fields #59-64).  Medical Risk Factors ***2003-2018***  "- Diabetes  "- Hypertension "- Previous Preterm Births  "- Other Previous Poor Pregnancy Outcome  "- Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor "- Pregnancy Resulted from Infertility Treatment

189 Hypertension Medical Risk Factor, Ecalmpsia Hypertension, Eclampsia	Character; Max Length = 1 Y - Yes N - No U - Unknown		or— Mother Had a Previous Cesarean Delivery Gesarean Delivery Gesa
---	---	--	--

				<sub>02</sub> - Cardiac Disease
				- Acute or Chronic
				Lung Disease
				D'alastas
				Canital Hamas
				Dali de desencia a
				• •
				- Oligohydramnios
				Hemoglobinopathy
				Hypertension
				- Hypertension,
				Pregnancy-
				Associated11 - Eclampsia
				- Incompetent Cervix
				- Previous Infant
				4000+ Grams
				- Previous Preterm
				or Small-For-
				Gestational Age Infant
				- Renal Disease
				- RH Sensitization
				- Uterine Bleeding
				- Hepatitis B
	 			HBSAG Positive
190	,	,	mrf1 - mrf6	***2003-2018***
	Previous Preterm Birth			o1- Diabetes
		1 Y - Yes		02- Hypertension
		N - No		□ Previous Preterm
		U - Unknown		Births
		o omarown		o <sub>4</sub> – Other Previous Poor
				Pregnancy Outcome
				os – Vaginal Bleeding
				During This Pregnancy
				Prior to the Onset of
				Labor Programmy Resulted
				₀− Pregnancy Resulted
				from Infertility
				Treatment

or-Mother Had a Previ Cesarean Delivery Gesarean	cus
□ Group B Streptococ Culture Positive □ None of the Above 99 - Unknown/Not Sta  ***1992-2002*** □ - Anemia (HCT.<30/HGH.<10) □ - Cardiac Disea: □ - Acute or Chro Lung Disease □ - Diabetes □ - Diabetes □ - Genital Herpe □ - Polyhydramni □ - Oligohydramn □ - Hemoglobinopathy □ - Chronic	ted
Culture Positive  ""None of the Above  99 - Unknown/Not Sta  ***1992-2002***  "" - Anemia (HCT.<30/HGH.<10)  "" - Cardiac Diseas  "" - Acute or Chro Lung Disease  "" - Diabetes  "" - Polyhydramni  "" - Oligohydramni  "" - Oligohydramni  "" - Hemoglobinopathy  "" - Chronic	ted
□ None of the Above 99 - Unknown/Not Sta  ***1992-2002*** □ - Anemia (HCT.<30/HGH.<10) □ - Cardiac Disea: □ - Acute or Chro Lung Disease □ - Diabetes □ - Genital Herpe □ - Polyhydramni □ - Oligohydramn □ - Hemoglobinopathy □ - Chronic	ted
99 - Unknown/Not Sta  ***1992-2002***  1	
***1992-2002***  1	
- Anemia (HCT.<30/HGH.<10) - Cardiac Disease - Acute or Chro Lung Disease - Diabetes - Genital Herpe - Polyhydramni - Oligohydramn - Hemoglobinopathy - Chronic	
(HCT.<30/HGH.<10)  102 - Cardiac Disease 103 - Acute or Chro 104 - Diabetes 105 - Genital Herpe 106 - Polyhydramni 107 - Oligohydramni 108 - 109 - Chronic	,
- Cardiac Disease - Acute or Chro - Lung Disease - Diabetes - Genital Herpe - Polyhydramni - Oligohydramn - Hemoglobinopathy - Chronic	.
- Acute or Chro Lung Disease - Diabetes - Genital Herpe - Folyhydramni - Oligohydramn - Hemoglobinopathy - Chronic	`^
Lung Disease  14 - Diabetes 15 - Genital Herpe 16 - Polyhydramni 17 - Oligohydramni 18 - 18 Hemoglobinopathy 19 - Chronic	
o4 - Diabetes o5 - Genital Herpe o6 - Polyhydramni o7 - Oligohydramn o8 - Hemoglobinopathy o9 - Chronic	nic
os - Genital Herpe os - Polyhydramni or - Oligohydramn os - Hemoglobinopathy os - Chronic	
o <sub>6</sub> - Polyhydramni o <sub>7</sub> - Oligohydramni o <sub>8</sub> - Hemoglobinopathy o <sub>9</sub> - Chronic	
O7 - Oligohydramr O8 - Hemoglobinopathy O9 - Chronic	
Hemoglobinopathy	
- Chronic	ios
- Chronic	
Hypertension	
10 - Hypertension	,
Pregnancy-	
Associated	
11 - Eclampsia	
l <sub>12</sub> - Incompetent	
Cervix	
13 - Previous Infar	it
4000+ Grams	
14 - Previous Preto	erm
or Small-For-	
Gestational Age Infant	
15 - Renal Disease	
16 - RH Sensitization	on
17 - Uterine Bleed	ing
18 - Hepatitis B	
HBSAG Positive	
19 - Syphilis	

	T	I	T <sub>2</sub> , T <sub>3</sub> -	
191	Poor Preg	Medical Risk Factor,	Character; mrf1 - mrf6	***2003-2018***
	Outcomes	Other Previous Poor	Max Length =	01- Diabetes
		Pregnancy	1	<sub>02</sub> - Hypertension
		Outcomes	Y - Yes	<sub>03</sub> – Previous Preterm
			N - No	Births
			U - Unknown	<sub>04</sub> – Other Previous Poor
				Pregnancy Outcome
				os – Vaginal Bleeding
				During This Pregnancy
				Prior to the Onset of
				Labor
				<sub>06</sub> – Pregnancy Resulted
				from Infertility
				Treatment
				<sub>07</sub> – Mother Had a Previous
				Cesarean Delivery
				<sub>08</sub> – Group B Streptococcus
				Culture Positive
				∞ – None of the Above
				99 - Unknown/Not Stated
				***1992-2002***
				o1 - Anemia
				(HCT.<30/HGH.<10)
				- Cardiac Disease
				- Acute or Chronic
				Lung Disease
				- Diabetes
				os - Genital Herpes
				Dolyhydramnias
				- Polynydrammios - Oligohydramnios
				o engonyaraning
				<sup>™</sup> - Hemoglobinopathy
				Clause in
				Hypertension
				- Hypertension,
				Pregnancy-
				Associated
				- Eclampsia
				- Incompetent
				Cervix

					- Previous Infant 4000+ Grams - Previous Preterm or Small-For- Gestational Age Infant - Renal Disease - RH Sensitization - Uterine Bleeding - Hepatitis B HBSAG Positive - Syphilis
192	Vaginal Bleeding	Medical Risk Factor, Vaginal Bleeding	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	***2003-2018***  1- Diabetes 2- Hypertension 3- Previous Preterm Births 4- Other Previous Poor Pregnancy Outcome 5- Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor 6- Pregnancy Resulted from Infertility Treatment 7- Mother Had a Previous Cesarean Delivery 8- Group B Streptococcus Culture Positive 9- None of the Above 99 - Unknown/Not Stated  ***1992-2002*** 1 - Anemia (HCT.<30/HGH.<10) 2 - Cardiac Disease 3 - Acute or Chronic Lung Disease 4 - Diabetes

					- Genital Herpes - Polyhydramnios - Oligohydramnios - Oligohydramnios - Hemoglobinopathy - Chronic - Hypertension - Hypertension, Pregnancy- Associated11 - Eclampsia - Incompetent Cervix - Previous Infant 4000+ Grams - Previous Preterm or Small-For- Gestational Age Infant - Renal Disease - RH Sensitization - Uterine Bleeding - Hepatitis B
193	-	Medical Risk Factor, Infertility Treatments, Drugs	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	HBSAG Positive  ***2003-2018***  Diabetes  Hypertension  Hypertension  Hereious Preterm  Hirths  Hereious Poor  Hegnancy Outcome  Hegnancy Outcome  Hegnancy Outcome  Hegnancy Prior to the Onset of  Habor  Hereious Poor  Pregnancy Pregnancy  His P

⊸− None of the Above
99 - Unknown/Not Stated
***1992-2002***
oı - Anemia
(HCT.<30/HGH.<10)
- Cardiac Disease
- Acute or Chronic
Lung Disease
o <sub>4</sub> - Diabetes
₀₅ - Genital Herpes
- Polyhydramnios
- Oligohydramnios
08 -
Hemoglobinopathy
∘ - Chronic
Hypertension
- Hypertension,
Pregnancy-
Associated
- Eclampsia
<sub>12</sub> - Incompetent
Cervix
13 - Previous Infant
4000+ Grams
- Previous Preterm
or Small-For-
Gestational Age Infant
- Renal Disease
16 - RH Sensitization
17 - Uterine Bleeding
18 - Hepatitis B
HBSAG Positive
19 - Syphilis

194	Assisted	Medical Risk Factor,	Character;	mrf1 - mrf6	***2003-2018***
	Reproduction	Infertility Treatments,	Max Length =		o1- Diabetes
		ART	1		<sub>02</sub> - Hypertension
			Y - Yes		<sub>03</sub> – Previous Preterm
			N - No		Births
			U - Unknown		<sub>04</sub> – Other Previous Poor
					Pregnancy Outcome
					os – Vaginal Bleeding
					During This Pregnancy
					Prior to the Onset of
					Labor
					<sub>06</sub> – Pregnancy Resulted
					from Infertility
					Treatment
					<sub>07</sub> – Mother Had a Previous
					Cesarean Delivery
					- Group B Streptococcus
					Culture Positive
					₀ − None of the Above
					99 - Unknown/Not Stated
					***1992-2002***
					on - Anemia
					(HCT.<30/HGH.<10)
					- Cardiac Disease
					- Acute or Chronic
					Lung Disease
					o4 - Diabetes
					os - Genital Herpes
					- Polyhydramnios
					- Oligohydramnios
					08 <b>-</b>
					Hemoglobinopathy
					9 - Chronic
					Hypertension
					- Hypertension,
					Pregnancy-
					Associated
					- Eclampsia
					- Incompetent
					Cervix

			13 - Previous Infant 4000+ Grams 14 - Previous Preterm or Small-For- Gestational Age Infant 15 - Renal Disease 16 - RH Sensitization 17 - Uterine Bleeding 18 - Hepatitis B HBSAG Positive 19 - Syphilis
195 Previous Cesarean	Medical Risk Factor, Previous Cesarean Section	Character; Max Length = 1 Y - Yes N - No U - Unknown	***2003-2018***  101- Diabetes 102- Hypertension 103- Previous Preterm 103- Births 104- Other Previous Poor 105- Vaginal Bleeding 10

				- Polyhydramnios - Oligohydramnios - Oligohydramnios - Oligohydramnios - Hemoglobinopathy - Chronic - Hypertension - Hypertension, - Hypertension, - Pregnancy Associated 11 - Eclampsia - Incompetent - Incompetent - Previous Infant - Previous Preterm - Previous Preterm - Small-For Gestational Age Infant - Renal Disease - RH Sensitization - Uterine Bleeding - Hepatitis B HBSAG Positive
196	Medical Risk Factor, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	***2003-2018***  1- Diabetes 2- Hypertension 3- Previous Preterm Births 4- Other Previous Poor Pregnancy Outcome 5- Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor 6- Pregnancy Resulted from Infertility Treatment 7- Mother Had a Previous Cesarean Delivery 8- Group B Streptococcus Culture Positive

⊸− None of the Above
99 - Unknown/Not Stated
***1992-2002***
oı - Anemia
(HCT.<30/HGH.<10)
- Cardiac Disease
- Acute or Chronic
Lung Disease
o <sub>4</sub> - Diabetes
₀₅ - Genital Herpes
- Polyhydramnios
- Oligohydramnios
08 -
Hemoglobinopathy
∘ - Chronic
Hypertension
- Hypertension,
Pregnancy-
Associated
- Eclampsia
<sub>12</sub> - Incompetent
Cervix
13 - Previous Infant
4000+ Grams
- Previous Preterm
or Small-For-
Gestational Age Infant
- Renal Disease
16 - RH Sensitization
17 - Uterine Bleeding
18 - Hepatitis B
HBSAG Positive
19 - Syphilis

197	Risk Factors	Medical Risk Factor,	Character;	mrf1 - mrf6	***2003-2018***
	Unknown	Unknown	Max Length =	:	01- Diabetes
			1		<sub>02</sub> - Hypertension
			Y - Yes		<sub>03</sub> – Previous Preterm
			N - No		Births
			U - Unknown		<sub>04</sub> – Other Previous Poor
					Pregnancy Outcome
					os – Vaginal Bleeding
					During This Pregnancy
					Prior to the Onset of
					Labor
					∞– Pregnancy Resulted
					from Infertility
					Treatment
					<sub>07</sub> – Mother Had a Previous
					Cesarean Delivery
					<sub>08</sub> – Group B Streptococcus
					Culture Positive
					∞− None of the Above
					99 - Unknown/Not Stated
					***1992-2002***
					- Anemia
					(HCT.<30/HGH.<10)
					- Cardiac Disease
					- Acute or Chronic
					Lung Disease
					- Diabetes
					- Genital Herpes
					- Polyhydramnios
					- Oligohydramnios
					08 -
					Hemoglobinopathy
					9 - Chronic
					Hypertension
					- Hypertension,
					Pregnancy-
					Associated
					- Eclampsia
					- Incompetent
					Cervix

					- Previous Infant 4000+ Grams - Previous Preterm or Small-For- Gestational Age Infant - Renal Disease - RH Sensitization - Uterine Bleeding - Hepatitis B HBSAG Positive - Syphilis
198	Gonorrhea	Maternal Infections, Gonorrhea	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2018***  - Gonorrhea - Syphilis - Herpes Simplex  Virus (HSV) - Chlamydia - Listeria - Group B  Streptococcus - Cytomegalovirus - Parvovirus - Toxoplasmosis10 - HIV Infection 11 - Other  Specify: 12- None of the Above 99 - Unknown/Not Stated  ***1980-2002***  Not collected
199	Syphilis	Maternal Infections, Syphilis	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2018***  Gonorrhea  Syphilis  Herpes Simplex  Virus (HSV)  Chlamydia  Listeria Gonorrhea  Gonorrhea  Chlamydis  Gonorrhea  Gonorrhea  Chlamydis  Gonorrhea  Chlamydis  Chlamydia  Chlamydia  Chlamydia  Chlamydia

					- Cytomegalovirus - Parvovirus - Toxoplasmosis10 - HIV Infection 11 - Other Specify: 12- None of the Above 99 - Unknown/Not Stated ***1980-2002***
200	Herpes	Maternal Infections, Herpes Simplex Virus (HSV)	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2018***  Gonorrhea  Syphilis  Herpes Simplex  Virus (HSV)  Listeria  Forup B  Streptococcus  Forup B  Streptococcus  Forup B  Streptococcus  Forup B  Streptococcus  Forup B  Cytomegalovirus  Forup B  Forup B  Cytomegalovirus  Forup B
201	Chlamydia	Maternal Infections, Chlamydia	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2018***  Gonorrhea  Gonorrhea  Fondaments  Fon

					12- None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected
202	Listeria	Maternal Infections, Listeria	,	minfect1 - minfect7	***2003-2018***  Gonorrhea
203	Group B Strep	Maternal Infections, Group B Strep	1	minfect1 - minfect7	***2003-2018***  1

					99 - Unknown/Not Stated ***1980-2002*** Not collected
204	Cytomegalovirus	Maternal Infections, Cytomegalovirus	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2018***  - Gonorrhea - Syphilis - Herpes Simplex  Virus (HSV) - Chlamydia - Listeria - Group B  Streptococcus - Cytomegalovirus - Parvovirus - Toxoplasmosis10 - HIV Infection 11 - Other  Specify: 12- None of the Above 99 - Unknown/Not Stated  ***1980-2002***  Not collected
205	Parvovirus	Maternal Infections, Parvovirus	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2018***  Gonorrhea  Gonorrhea  Syphilis  Herpes Simplex  Virus (HSV)  Herpes Simplex  Virus (HSV)  Listeria  Gonorrhea  Chlamydia  Function B  Streptococcus  Function Cytomegalovirus  Function Parvovirus  Function 11 - Other  Specify:  12- None of the Above

DSA #: 2028-11-02 CLH 31110

				99 - Unknown/Not Stated ***1980-2002***  ***1992-
				2002*** 19 - Syphilis 19 - Syphilis 19 - Syphilis Not collected Not collected
206 Toxoplasmosis	Maternal Infections, Toxoplasmosis	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2018***  Gonorrhea  Syphilis Herpes Simplex Virus (HSV)  Herpes Simplex Virus (HSV)  Chlamydia  Gonorrhea  Historia Froup B Streptococcus  Froup B Fro

)3-2018*** – Gonorrhea
- Gononnea
Cymbilia
– Syphilis
- Herpes
x Virus (HSV)
– Chlamydia
<ul><li>Hepatitis</li></ul>
lepatitis C 07
nfection 08 –
Specify:
one of the
known/Not
80-2002***
lected
3-2018***
– Gonorrhea
– Syphilis
– Herpes
x Virus (HSV)
– Chlamydia
– Hepatitis
Iepatitis C 07
nfection 08 –
Specify:
one of the
ine or the
known/Not
,
80-2002***
lected
iccieu
)3-2018***
– Gonorrhea
<ul><li>Syphilis</li></ul>
Jypiiiis
- Harnes
– Herpes x Virus (HSV)
30-2 lec - 03-2

					- Chlamydia - Hepatitis  B06 – Hepatitis C 07 – HIV Infection 08 – Other Specify: 09 – None of the Above 99 - Unknown/Not Stated  ***1980-2002*** Not collected
211	Infections Unknown	Maternal Infections, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2018***  - Gonorrhea - Syphilis - Herpes Simplex Virus (HSV) - Chlamydia - Hepatitis B06 – Hepatitis C 07 - HIV Infection 08 – Other Specify: 09 – None of the Above 99 - Unknown/Not Stated  ***1980-2002*** Not collected
212		Maternal Morbidity, Maternal Transfusion	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2018***  "- Maternal Transfusion  "- Third or Fourth Degree Perineal Laceration  "- Ruptured Uterus  "- Unplanned Hysterectomy  "- Admission to Intensive Care Unit

					المسلمينية
					₀- Unplanned
					Operating Room
					Procedure
					Following Delivery
					o7 – None of the
					Above
					99 - Unknown/Not
					Stated
					***1980-2002***
					Not collected.
213	Perineal	Maternal Morbidity,	Character;	mmorbid1 -	***2003-2018***
	Laceration	Perineal Laceration	Max Length =	mmorbid5	01- Maternal
			1		Transfusion
			Y - Yes		<sub>02</sub> – Third or Fourth
			N - No		Degree Perineal
			U - Unknown		Laceration
					₀₃ – Ruptured Uterus
					₀₄– Unplanned
					Hysterectomy
					os – Admission to
					Intensive Care Unit
					<sub>06</sub> – Unplanned
					Operating Room
					Procedure
					Following Delivery
					Above
					99 - Unknown/Not
					Stated
					***1980-2002***
					Not collected.
				1.1.	*****
214	=	Maternal Morbidity,	,		***2003-2018***
		Ruptured Uterus	Max Length =	mmorbia5	₀₁− Maternal
			1 V Vos		Transfusion
			Y - Yes		<sub>02</sub> – Third or Fourth
			N - No		Degree Perineal
			U - Unknown		Laceration
					<sub>03</sub> – Ruptured Uterus

215 Hysterectomy Maternal Morbidity, Unplanned Hysterectomy	Character; Max Length = 1 Y - Yes N - No U - Unknown	Hysterectomy
---	--	--------------

216 Intensive	Care Maternal Mo Admission to Care Unit	=	ength = mmorbid5	
217 Operation	Maternal Mo Unplanned C Room Proce	Operating Max Le	ength = mmorbid5	

					***1980-2002*** Not collected.
	Maternal Morbidity None	Maternal Morbidity, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2018***
219	Maternal Morbidity Unknown	Maternal Morbidity, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2018***

					Following Delivery  — None of the  Above  99 - Unknown/Not  Stated
					***1980-2002*** Not collected.
220	Attempt Forceps	Forceps Failed Indicates whether forceps delivery was	Character; Max Length = 1 Y - Yes N - No U - Unknown	forcfail	***2003-2018*** N - No Y - Yes U - Unknown  ***1980- 2002*** Not Collected.
221	Attempt Vacuum	vacuum extraction	Character; Max Length = 1 Y - Yes N - No U - Unknown	vacfail	***2003-2018*** N - No Y - Yes U - Unknown  ***1980- 2002*** Not Collected.
222	Fetal Presentation	Fetal Presentation	Numeric; Max Length = 1 - Cephalic - Breech - Other 9 - Unknown	fet_pres	***2003-2018*** C - Cephalic B – Breech O - Other U - Unknown  ***1980- 2002*** Not Collected.
223	•	Method of Delivery, Final Route and Method	Numeric; Max Length = 1		***2003-2016***  1- Spontaneous  vaginal  2- Forceps

vaginal

2- Forceps

₃- Vacuum

			Т	Т	
			₃- Vacuum		₄– Cesarean with Trial
			4- Cesarean		of Labor
			with Trial of		₅– Cesarean without
			Labor		Trial Labor
			₅- Cesarean		9 - Unknown
			without Trial		
			Labor		***1980-
			6- Cesarean		2002***
			with Trial		Not
			Labor		Collected.
			Unknown		
			9 - Unknown		
224	Delivery Method	Delivery Method,	Numeric; Max	dmeth1,	***2003-2016***
		Calculated	Length = 1	dmeth2,	Will be calculated
				dmeth3. dmeth4	from other fields.
			Vaginal		Only dmeth1 will be
					populated. Codes
			Vaginal Birth		same as below.
			After Previous		***1992-2016***
			CSection		
			3 -		_
			Primary C-		<ul> <li>- Vaginal Birth</li> <li>After Previous C-</li> </ul>
			Section		
			4 -		Section
			Repeat C-		- Primary C-
			Section With		Section Bases 6
			Labor		- Repeat C-
			5 <b>-</b>		Section With Labor
			Repeat C-		5 - Repeat C-
			Section		Section Without
			Without		Labor
			Labor		- Forceps
					7 - Vacuum
			Forceps		Extraction9 - Other
			-		***1989-1991***
			/ Vacuum		1- Vaginal
			Extraction		<sub>2</sub> - Vaginal Birth After
			9 - Other		Previous C-Section
					₃- Primary C-Section
					4- Repeat C-Section
					Without Labor
					1110000

					5- Repeat C-Section With Trial of Labor 6- Forceps 7- Vacuum Extraction 8- Other 9- Unknown/Not Stated
					***1984-1988***  1 - Spontaneous 2 - Vacuum Extraction 3 - Outlet Forceps 4 - Induced Labor 5 - Primary C-
					Section - Repeat C- Section - Vaginal Birth After Previous C- Section8 - Other
225	Hysterectomy	IHysterotomy or Hysterectomy ndicates whether the method of delivery included a hysterotomy or hysterectomy	Character; Max Length = 1 Y - Yes N - No U - Unknown	hyster	***2003-2018*** N - No Y - Yes U - Unknown  ***1980- 2002*** Not Collected.
226	Birth Weight Grams	Birth Weight of Baby - Grams Indicates gram weight of infant. Pounds and ounces are converted as follows: grams = [(lbs*16)+oz]*28.3495267	Numeric; Max Length = 4 9999 - Unknown/Not Stated	wt_grams	***1980-2016*** 9999 - Unknown/Not Stated

		(Rounded to the nearest gram) In 1980-1991 data was stored in units of pounds and ounces. This data has been converted to grams. Since one ounce is equivalent to 28 grams, the converted data will cluster in multiples of 28 grams. For more detail see "Data Quality Technical"			
227	Plurality	Notes - Birth Weight." Plurality Number of children born.	Numeric; Max Length = 1  1 - Single 2 - Twins 3 - Triplets 4 - Quadruplets 5 - Quintuplets 6 - Sextuplets 7 - Septuplets8 -	plural	1- Single 2- Twin 3- Triplet 4- Quadruplet 5- Quintuplet 7- Sextuplet 8- Octuplet 9- Unknown
228	Birth Order	Order at Birth	Octuplets 9 - Unknown Numeric; Max Length = 1 - Single Birth - First Born - Second Born - Third Born - Fourth Birth		***1980-2018***  o- Single Birth  1- First Born  2- Second Born  3- Third Born  4- Fourth Birth  5- Fifth Birth  6- Sixth Birth

DSA #: 2028-11-02 CLH 31110

₅- Fifth Birth	<sub>7</sub> - Seventh Birth
₅- Sixth Birth	₃- Eighth Birth
<sub>7</sub> - Seventh	₅- Unknown Order
Birth	
8- Eighth Birth	
ှ- Unknown	
Order	

229 Anencephaly	Congenital	Character;	malf1 - malf7	***2003-2018***
2237 memocphany	Malformations,	Max Length	indir indir	o1- Anencephaly
	Anencephaly	= 1		∞-DMeningocele/Spina
	. ,	Y - Yes		Bifida CLH 31110
		N - No		∞ – Cyanotic Congenital
		U - Unknown		Heart Disease
				₁₁− Congenital
				Diaphragmatic Hernia
				∞- Omphalocele
				6- Gastroschisis
				<sub>07</sub> – Limb Reduction Defect
				∞ − Cleft Lip with or without
				Cleft Palate
				∞− Cleft Palate Alone
				10 – Down Syndrome
				11 – Chromosomal Disorder
				<sub>12</sub> - Hypospadias
				<sub>13</sub> – None of the Above
				99 - Unknown/Not Stated
				***1992-2002***
				₁- Anencephalus
				02- Spina Bifida/Meningocele
				3- Hydrocephalus
				og- Microcephalus
				os- Other Central Nervous
				System
				Anomalies
				6- Heart Malformations
				o7- Other
				Circulatory/Respiratory
				Anomalies
				®- Rectal Atresia/Stenosis
				- Tracheo-Esophageal
				Fistula/Esophageal
				Atresia
				10 -
				Omphalocele/Gastroschisis
				11- Other Gastrointestinal
				Anomalies
				12- Malformed Genitalia
				13- Renal Agenesis
				14- Other Urogenital
				Anomalies

230	MSB	Congenital	Character;	malf1 - malf7	***2003-2018***
		Malformations,	Max Length		o1- Anencephaly
		Meningomyelocele/Spina	= 1		<sub>02</sub> – Meningocele/Spina
		Bifida	Y - Yes		Bifida
			N - No		□ – Cyanotic Congenital
			U - Unknown		Heart Disease
					<sub>04</sub> – Congenital
					Diaphragmatic Hernia
					os- Omphalocele
					- Gastroschisis
					<sub>07</sub> – Limb Reduction Defect
					∞ – Cleft Lip with or without
					Cleft Palate
					∞− Cleft Palate Alone
					<sub>10</sub> – Down Syndrome
					11 – Chromosomal Disorder
					<sub>12</sub> - Hypospadias
					<sub>13</sub> – None of the Above
					99 - Unknown/Not Stated
					***1992-2002***
					₀₁- Anencephalus
					2- Spina Bifida/Meningocele
					3- Hydrocephalus
					out - Microcephalus
					₀₅- Other Central Nervous
					System Anomalies
					6- Heart Malformations
					or- Other
					Circulatory/Respiratory
					Anomalies
					- Rectal Atresia/Stenosis
					- Tracheo-Esophageal
					Fistula/Esophageal
					Atresia
					10-
					Omphalocele/Gastroschisis
					11- Other Gastrointestinal
					Anomalies
					12- Malformed Genitalia
					12- IVIAIIOTTIIEU GENITAIIA

				13 - Renal Agenesis 14 - Other Urogenital Anomalies
231	Congenital	Congenital Malformations, Cyanotic Congenital Heart Disease	Max Length	***2003-2018***  oi- Anencephaly  oi- Meningocele/Spina  Bifida  oi- Cyanotic Congenital  Heart Disease  oi- Congenital  Diaphragmatic Hernia  oi- Omphalocele  oi- Gastroschisis  oi- Limb Reduction Defect  oi- Cleft Lip with or without  Cleft Palate  oi- Cleft Palate Alone  oi- Down Syndrome  oi- Down Syndrome  oi- Chromosomal Disorder  Hypospadias  oi- Hypospadias  oi- None of the Above  99 - Unknown/Not Stated  ***1992-2002***  oi- Anencephalus  oi- Spina Bifida/Meningocele  oi- Hydrocephalus  oi- Microcephalus  oi- Other Central Nervous  System

Congenital Hernia	Congenital	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	Anticoobe 2018***  Heence philographic ons  Outening ocele/Spina  Bificulatory/Respiratory  An Congenital  Heart distriction of the congenital  Trangenital ophageal  Bist philographic sections  Trangenital ophageal  Bist philographic sections  Trangenital ophageal  Bist philographic sections  Trangenital ophageal  Trange
				number of the Above 12- Hypospadias 13- None of the Above 99 - Unknown/Not Stated ***1992-2002*** 01- Anencephalus 02- Spina Bifida/Meningocele 03- Hydrocephalus 04- Microcephalus 05- Other Central Nervous System Anomalies 06- Heart Malformations 07- Other Circulatory/Respiratory Anomalies 08- Rectal Atresia/Stenosis 09- Tracheo-Esophageal Fistula/Esophageal Atresia 10- Omphalocele/Gastroschisis 11- Other Gastrointestinal Anomalies 12- Malformed Genitalia

				13- Renal Agenesis 14- Other Urogenital Anomalies
233	Omphalocele	Omphalocele	Character; Max Length = 1 Y - Yes N - No U - Unknown	***2003-2018***

234		Malformations, Gastrochisis	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	Anomalies  6- Heart Malformations  7- Other Circulatory/Respiratory Anomalies 6- Rectal Atresia/Stenosis 6- Tracheo-Esophageal Fistula/Esophageal Atresia 6- Omphalocele/Gastroschisis 6- Omphalocele/Gastroschisis 6- Malformed Genitalia 6- 6- Renal Agenesis 6- Cother Urogenital Anomalies  ***2003-2018*** 6- Anencephaly 6- Meningocele/Spina Bifida 6- Cyanotic Congenital Heart Disease 6- Congenital Diaphragmatic Hernia 6- Comphalocele 6- 6- Gastroschisis 6- Limb Reduction Defect 6- Cleft Lip with or without Cleft Palate 6- Cleft Palate Alone 6- Down Syndrome 6- Chromosomal Disorder 6- Lypospadias 6- None of the Above 6- Cleft Lip with Or Stated  ***1992-2002*** 6- Anencephalus 6- Ciptina Bifida/Meningocele
-----	--	--------------------------------	---	---------------	---

235	Limb Defect	Reduction Defect	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	os- Other Central Nervous System Anomalies os- Heart Malformations os- Other Circulatory/Respiratory Anomalies os- Rectal Atresia/Stenosis os- Tracheo-Esophageal Fistula/Esophageal Atresia os- Other Gastrointestinal Anomalies s- Malformed Genitalia s- Renal Agenesis ***2003-2018*** os- Anencephaly os- Meningocele/Spina Bifida os- Cyanotic Congenital Heart Disease os- Congenital Diaphragmatic Hernia os- Omphalocele os- Gastroschisis os- Limb Reduction Defect os- Cleft Lip with or without Cleft Palate os- Cleft Palate Alone os- Cleft Palate Alone os- Down Syndrome os- Chromosomal Disorder os- Hypospadias os- None of the Above os- Unknown/Not Stated ***1992-2002*** os- Anencephalus os- Spina Bifida/Meningocele
-----	-------------	------------------	---	---------------	--

236	Cleft Lip	Congenital	Character;	out- Microcephalus out- Other Central Nervous System Anomalies out- Heart Malformations out- Other Circulatory/Respiratory Anomalies out- Rectal Atresia/Stenosis out- Tracheo-Esophageal Fistula/Esophageal Atresia out- Omphalocele/Gastroschisis out- Other Gastrointestinal Anomalies out- Malformed Genitalia out- Malformed Genitalia out- Renal Agenesis out- Other Urogenital Anomalies out- Anomalies out- Walformed out- Walform
		Lip	Max Length = 1 Y - Yes N - No U - Unknown	o1- Anencephaly o2- Meningocele/Spina Bifida o3- Cyanotic Congenital Heart Disease o4- Congenital Diaphragmatic Hernia o5- Omphalocele o6- Gastroschisis o7- Limb Reduction Defect o8- Cleft Lip with or without Cleft Palate o9- Cleft Palate Alone o9- Chromosomal Disorder o1- Chromosomal Disorder o1- None of the Above O9- Unknown/Not Stated

237	Cleft Palate	Palate	Max Length = 1 Y - Yes N - No	malf1 - malf7	***1992-2002***  1- Anencephalus 2- Spina Bifida/Meningocele 3- Hydrocephalus 4- Microcephalus 5- Other Central Nervous System Anomalies 6- Heart Malformations 7- Other Circulatory/Respiratory Anomalies 8- Rectal Atresia/Stenosis 9- Tracheo-Esophageal Fistula/Esophageal Atresia 10- Omphalocele/Gastroschisis 11- Other Gastrointestinal Anomalies 12- Malformed Genitalia 13- Renal Agenesis 14- Other Urogenital Anomalies ***2003-2018*** 01- Anencephaly 02- Meningocele/Spina Bifida 03- Cyanotic Congenital
			N - No U - Unknown		□ Cyanotic Congenital Heart Disease □ Congenital Diaphragmatic Hernia □ Comphalocele □ Gastroschisis □ Limb Reduction Defect □ Cleft Lip with or without Cleft Palate □ Cleft Palate Alone □ Down Syndrome □ Chromosomal Disorder

				12- Hypospadias 13- None of the Above 99 - Unknown/Not Stated ***1992-2002*** 01- Anencephalus 02- Spina Bifida/Meningocele 03- Hydrocephalus 04- Microcephalus 05- Other Central Nervous System Anomalies 06- Heart Malformations 07- Other Circulatory/Respiratory Anomalies 08- Rectal Atresia/Stenosis 09- Tracheo-Esophageal Fistula/Esophageal Atresia 10- Omphalocele/Gastroschisis 11- Other Gastrointestinal Anomalies 12- Malformed Genitalia 13- Renal Agenesis
238	Malformations, Down Syndrome	·	malf1 - malf7	***2003-2018***

		6
		<sub>11</sub> – Chromosomal Disorder
		<sub>12</sub> - Hypospadias
		<sub>13</sub> — None of the Above
		99 - Unknown/Not Stated
		***1992-2002***
		o1- Anencephalus
		<sub>02</sub> - Spina Bifida/Meningocele
		₃- Hydrocephalus
		04- Microcephalus
		os - Other Central Nervous
		System
		Anomalies
		∞- Heart Malformations
		o7- Other
		Circulatory/Respiratory
		Anomalies
		∞- Rectal Atresia/Stenosis
		∞- Tracheo-Esophageal
		Fistula/Esophageal
		Atresia
		10 -
		Omphalocele/Gastroschisis
		11- Other Gastrointestinal
		Anomalies
		12- Malformed Genitalia
		13- Renal Agenesis
		14- Other Urogenital
		Anomalies

239	Down Confirm	Congenital Malformations, Down Syndrome Karyotype Confirmed	downsflg	Down Syndrome Flag  ***2003-2018*** C – Confirmed P - Pending U - Unknown  ***1980-
				2002*** Not
				Collected.
				Congenital Malformations ***2003-2018***
				oı- Anencephaly
				∞– Meningocele/Spina
				Bifida
				∞ – Cyanotic Congenital
				Heart Disease
				04 – Congenital
				Diaphragmatic Hernia
				∞- Omphalocele
				6- Gastroschisis
				∞ – Limb Reduction Defect
				∞– Cleft Lip with or without
				Cleft Palate
				∞− Cleft Palate Alone
				10 – Down Syndrome
				<sub>11</sub> – Chromosomal Disorder
				12- Hypospadias
				13 - None of the Above
				99 - Unknown/Not Stated
				***1992-2002***
				ո- Anencephalus
				∞- Spina Bifida/Meningocele
				₃- Hydrocephalus
				04- Microcephalus
				∞- Other Central Nervous
				System
				Anomalies
				տ- Heart Malformations

240	Down Pending	Congenital Malformations, Down Syndrome Karyotype Pending	downsflg	Down Syndrome Flag  ***2003-2018*** C – Confirmed P - Pending U - Unknown  ***1980-
				2002*** Not
				Collected.
				Congenital Malformations ***2003-2018***
				o1- Anencephaly o2- Meningocele/Spina
				Bifida - Cyanotic Congenital
				Heart Disease
				⊶– Congenital Diaphragmatic Hernia
				∞- Omphalocele
				6- Gastroschisis
				∞ – Limb Reduction Defect ∞ – Cleft Lip with or without
				Cleft Palate
				∞− Cleft Palate Alone
				<sub>10</sub> – Down Syndrome <sub>11</sub> – Chromosomal Disorder
				<sub>12</sub> - Hypospadias
				<sub>13</sub> — None of the Above 99 - Unknown/Not Stated
				***1992-2002***
				o1 - Anencephalus
				₂ - Spina Bifida/Meningocele
				- Hydrocephalus
				o4 - Microcephalus
				os - Other Central
				Nervous System Anomalies

241	Other Chrom	Congenital	Character;	malf1 - malf7	***2003-2018***
		Malformations,	Max Length		oı- Anencephaly
		Chromosomal	= 1		<sub>02</sub> – Meningocele/Spina
		Disorder	Y - Yes		Bifida
			N - No		₀₃− Cyanotic Congenital
			U - Unknown		Heart Disease
					o4 – Congenital
					Diaphragmatic Hernia
					os- Omphalocele
					of Gastroschisis
					<sub>07</sub> – Limb Reduction Defect
					□8− Cleft Lip with or without
					Cleft Palate
					₀− Cleft Palate Alone
					<sub>10</sub> — Down Syndrome
					11 — Chromosomal Disorder
					<sub>12</sub> - Hypospadias
					<sub>13</sub> — None of the Above
					99 - Unknown/Not Stated
					***1992-2002***
					oı- Anencephalus
					oz- Spina Bifida/Meningocele
					<sub>03</sub> - Hydrocephalus
					o <sub>4</sub> - Microcephalus
					os- Other Central Nervous
					System
					Anomalies
					∞- Heart Malformations
					or- Other
					Circulatory/Respiratory
					Anomalies  Poetal Atrocia/Stonosis
					- Rectal Atresia/Stenosis
					₀- Tracheo-Esophageal
					Fistula/Esophageal
					Atresia
					Omphalocele/Gastroschisis
					11- Other Gastrointestinal
					Anomalies
					<sub>12</sub> - Malformed Genitalia

				13- Renal Agenesis 14- Other Urogenital Anomalies
242	Other Chrom Confirm	Chromosomal Disorder Karyotype	malf1 - malf7, chromflg	Chromosomal Disorder Flag ***2003-2018*** C – Confirmed P - Pending U - Unknown  ***1980- 2002*** Not Collected.  Congenital Malformations ***2003-2018***  Anencephaly Meningocele/Spina Bifida Cyanotic Congenital Heart Disease Congenital Diaphragmatic Hernia Omphalocele Gastroschisis Limb Reduction Defect Cleft Lip with or without Cleft Palate Cleft Palate Alone Down Syndrome Down Syndrome Chromosomal Disorder Hypospadias

				13— None of the Above 99 - Unknown/Not Stated ***1992-2002*** 01 - Anencephalus 02 - Spina Bifida/Meningocele 03 - Hydrocephalus 04 - Microcephalus 05 - Other Central Nervous System Anomalies 06 - Heart Malformations
243	Other Chrom Pending	Chromosomal Disorder Karyotype	malf1 - malf7, chromflg	Chromosomal Disorder Flag ***2003-2018*** C – Confirmed P - Pending U - Unknown  ***1980- 2002*** Not Collected.  Congenital Malformations ***2003-2018***  - Anencephaly - Meningocele/Spina Bifida - Cyanotic Congenital Heart Disease - Congenital Diaphragmatic Hernia - Omphalocele - Gastroschisis - Limb Reduction Defect - Cleft Lip with or without Cleft Palate - Cleft Palate Alone - Down Syndrome - Chromosomal Disorder - Hypospadias

					13- None of the Above 99 - Unknown/Not Stated ***1992-2002***  101 - Anencephalus 102 - Spina  Bifida/Meningocele 103 - Hydrocephalus 104 - Microcephalus 105 - Other Central  Nervous System  Anomalies
244	Hypospadias	Congenital Malformations, Hypospadias	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2018***

	Congenital Anomaly None	Congenital Malformations, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	Anomalies
--	----------------------------	---	---	---------------	-----------

	Anomaly	Congenital Malformations, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	output Central Nervous System Anomalies Output Central Nervous System Anomalies Output Circulatory/Respiratory Anomalies Output Circulatory/Respiratory Anomalies Output Central Nervous Output Congenital Anomalies Output Congenital Anomalies  ***2003-2018*** Output Congenital Anomalies  ***2003-2018*** Output Congenital Anomalies  Output Congenital Anomalies  Output Congenital Coutput Congenital Output Con
--	---------	---	---	---------------	--

		ո- Anencephalus
		∞- Spina Bifida/Meningocele
		₃- Hydrocephalus
		04- Microcephalus
		∞- Other Central Nervous
		System
		Anomalies
		տ- Heart Malformations
		07- Other
		Circulatory/Respiratory
		Anomalies
		∞- Rectal Atresia/Stenosis
		∞- Tracheo-Esophageal
		Fistula/Esophageal
		Atresia
		10 -
		Omphalocele/Gastroschisis
		11- Other Gastrointestinal
		Anomalies
		<sub>12</sub> - Malformed Genitalia
		13- Renal Agenesis
		14 - Other

Urogenital **Anomalies** 14 - Other Urogenital **Anomalies** 14 - Other Urogenital **Anomalies** 06 - Heart Malformati ons 06 -Heart Malformati ons 14 -Other Urogenital **Anomalies** 

247 Attenda	nt Title	Title of Attendant	Character; Max Length; None ***2022*** ARNP - Advanced Registered Nurse Practioner CNM - Certified Nurse Midwife CPM - Certified Professional Midwife DO - Osteopath EMT/PARAMEDIC - Emergency Medical Technicians FAMILY NOT	***2017-2021***  - Hospital Administrator - Physician, MD - Licensed Midwife - Osteopath, DO - Father/Mother - Certified Nurse Midwife - Nurse - Other Midwife - Other - Unknown/Not Stated - Family/Not Father - EMT/Paramedic - Physician
			LM - Licensed Midwife MD - Physician NONE OTHER OTHER MIDWIFE PA - Physician Assistant RN - Registred Nurse UNKNOWN	***1989-2016***

248 Certifier Class	Classification of Certifier Before using this field, see "Data Quality Technical Notes - Attendant/Certifier Classification."	Numeric; Max Length = 1  - Hospital Administrator - Physician, MD - Licensed Midwife - Osteopath, DO - Father/Mother - Certified Nurse Midwife - Nurse - Other Midwife - Other - Unknown/Not Stated - Family/Not Father	***1989-2018***  o- Hospital Administrator Physician, MD Licensed Midwife Osteopath, DO Father/Mother Certified Nurse Midwife Nurse Other Midwife Not Stated  ***Added in 2013*** Family (not father) EMT/Paramedic PAC/Physician Assistant
		assistant/PAC	o1- Physician, MD o2- Licensed Midwife o3- Osteopath, DO o4- Father/Mother o5- Certified Nurse Midwife o6- Nurse o7- Other Midwife o8- Other o9- Not Stated ***1985-1986*** o1- Physician, MD o2- Licensed/Certified Midwife o3- Osteopath, DO o4- Father o5- Mother

	IC Maternal Conditions Diseases	IC Maternal Conditions Diseases, Literal	Length = 128	initcaus	***2003-2018***
250	IC Ruptured Membranes	Initiating Cause, Ruptured Membranes	Character; Max Length = 1 Y - Yes N - No U - Unknown	in_plac	***2003-2018*** Y - Yes N - No  ***1980- 2002*** Not Collected.
251	IC Abruptio Placenta	Initiating Cause, Abruptio Placenta	Character; Max Length = 1 Y - Yes N - No U - Unknown	in_abrup	***2003-2018*** Y - Yes N - No  ***1980- 2002*** Not Collected.
	IC Placental Insufficiency	Initiating Cause, Placental Insufficiency	Character; Max Length = 1 Y - Yes N - No U - Unknown	in_insuf	***2003-2018*** Y - Yes N - No  ***1980- 2002*** Not Collected.

253	IC Prolapsed	Initiating Cause,	Character; Max	in_prol	***2003-2018***
	Cord	Prolapsed Cord	Length = 1		Y - Yes
			Y - Yes		N - No
			N - No		
			U - Unknown		***1980-
					2002***
					Not
					Collected.

254	IC Chorioamnionitis	Initiating Cause,	Character;	in chor	***2003-2018***
		Chorioamnionitis	Max Length =	_	Y - Yes
			1		N - No
			Y - Yes		
			N - No		***1980-
			U - Unknown		2002***
					Not
					Collected.
255	IC Other Placenta	Initiating Cause, Other	Character;	in_other	***2003-2018***
	Cord Memb Comp	Placenta Cord Memb	Max Length =		Y - Yes
		Comp	1		N - No
			Y - Yes		
			N - No		***1980-
			U - Unknown		2002***
					Not
					Collected.
256	IC Other Comp	Initiating Cause, Other	Character;		
	Specify	Comp Specify	Max Length =		
			128		
257	IC Other OB or Preg	Initiating Cause, Other	Character;		
	Comp Specify	OB or Preg Comp	Max Length =		
		Specify	128		
258	IC Fetal Anomaly	Initiating Cause, Fetal	Character;		
	Specify	Anomaly Specify	Max Length =		
	. ,	, , ,	128		
259	IC Fetal Injury	Initiating Cause, Fetal	Character;		
	Specify	Injury Specify	Max Length =		
	,		128		
260	IC Fetal Infection	Initiating Cause, Fetal	Character;		
	Specify	Infection Specify	Max Length =		
	,	. ,	128		

	IC Other Fetal Cond Specify	Initiating Cause, Other Fetal Cond Specify	Character; Max Length = 128		
262	Initiating Cause Unknown	Initiating Cause Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown		***2003-2018*** Y - Yes N - No  ***1980- 2002*** Not Collected.
	OC Maternal Conditions/Diseases	Other Cause, Maternal Conditions/Diseases	Character; Max Length = 128	othsig1 - othsig6	***2003-2018***  - Maternal conditions/Diseases - Complications of placenta - Other OB or Preg complices - Fetal Anomaly05 – Fetal injury - Fetal infection - Other fetal conditions/disorders - Unknown ***1980-2002*** Not Collected.
	OC Ruptured Membranes	Other Cause, Ruptured Membranes	Character; Max Length = 1 Y - Yes N - No U - Unknown	ot_rupt	***2003-2018*** Y - Yes N - No  ***1980- 2002*** Not Collected.
265	OC Abruptio Placenta	Other Cause, Abruptio Placenta	Character; Max Length = 1 Y - Yes N - No	ot_abrup	***2003-2018*** Y - Yes N - No

	OC Placental Insuffiency	Other Cause, Placental Insuffiency	U - Unknown  Character;  Max Length =  1  Y - Yes  N - No	ot_insuf	***1980- 2002*** Not Collected. ***2003-2018*** Y - Yes N - No ***1980-
267	000 1 10 1		U - Unknown		2002*** Not Collected.
26/	OC Prolapsed Cord	Other Cause, Prolapsed Cord	Character; Max Length = 1 Y - Yes N - No U - Unknown	ot_prol	***2003-2018*** Y - Yes N - No  ***1980- 2002*** Not Collected.
268	OC Chorioamnionitis	Other Cause, Chorioamnionitis	Character; Max Length = 1 Y - Yes N - No U - Unknown	ot_chor	***2003-2018*** Y - Yes N - No  ***1980- 2002*** Not Collected.
269		Other Cause, Other Placenta Cord Memb Comp	Character; Max Length = 1 Y - Yes N - No U - Unknown	ot_other	***2003-2018*** Y - Yes N - No  ***1980- 2002*** Not Collected.
270	OC Other Comp Specify	Other Cause, Other Comp Specify	Character; Max Length = 128		
271	OC Other OB or Preg Comp Specify	Other Cause, Other OB or Preg Comp Specify	Character; Max Length = 128		

272 OC Fetal Anomaly Specify   28						
Specify  Injury Specify  Other Cause, Fetal Infection Specify  Other Cause, Other Fetal Cond Specify  275 OC Other Fetal Cond Specify  Other Causes, Other Fetal Cond Specify  128  276 Other Causes Unknown  Other Causetr;  Max Length = 4  Infection Specify  Infection Specify  Max Length = 4  Infection Specify  Infection Specification  Infection Specify  Infection Specificati	272	=		Max Length =		
Specify Infection Specify Max Length = 128  275 OC Other Fetal Cond Specify Petal Cond Specify Max Length = 128  276 Other Causes Unknown Unkn	273			Max Length =		
Cond Specify Cond Specify  Petal Cond Specify  Amax Length = 128  Conded Initiating Condition Condition  Condition  Coded Other Condition Condition 1  Coded Other Condition Condition 2  Coded Other Condition Condition 3  Coded Other Condition Coded Other Condition Condition 3  Coded Other Condition Coded Other Condition Coded Other Condition Coded Other Condition Character; Max Length = 4  Coded Other Condition Character; Max	274			Max Length =		
Unknown    Max Length = 1	275		•	Max Length =		
Condition  Condition  Condition  Max Length = 4  278 Coded Other Condition 1  Coded Other Condition Condition 1  Coded Other Condition Condition 2  Coded Other Condition Condition 2  Coded Other Condition Condition 3  Coded Other Condition Condition 3  Coded Other Condition Condition 4  Coded Other Condition Coded Other Condition Condition 4  Coded Other Condition Coded Other Coded Other Condition Coded Other Coded Other Condition Coded Other C	276		Other Causes Unknown	Max Length = 1 Y - Yes N - No		Y - Yes N - No ***1980- 2002*** Not
Condition 1  1  Max Length = 4  279 Coded Other Coded Other Condition Character; Max Length = 4  280 Coded Other Condition Character; Max Length = 4  281 Coded Other Coded Other Condition Character; Max Length = 4  281 Coded Other Coded Other Condition Character; Max Length = 4  282 Coded Other Coded Other Condition Character; Max Length = 4  283 Coded Other Coded Other Condition Character; Max Length = 4  283 Coded Other Coded Other Condition Character; Max Length = 4  283 Coded Other Coded Other Condition Character; Max Length = 4  284 Coded Other Coded Other Condition Character; Max Length = 4  285 Coded Other Coded Other Condition Character; Max Length = 4  286 Coded Other Coded Other Condition Character; Max Length = 4  287 Coded Other Coded Other Condition Character; Max Length = 4	277	_	_	Max Length =	underly	
Condition 2  280 Coded Other Coded Other Condition Character; Max Length = 4  281 Coded Other Coded Other Condition Character; Max Length = 4  282 Coded Other Coded Other Condition Character; Max Length = 4  282 Coded Other Coded Other Condition Character; Max Length = 4  283 Coded Other Coded Other Condition Character; Max Length = 4  284 Coded Other Coded Other Condition Character; Max Length = 4  Coded Other Coded Other Condition Character; Max Length = 4	278		Coded Other Condition 1	Max Length =	multcs1	
Condition 3  3  Max Length = 4  281 Coded Other Coded Other Condition Character; Max Length = 4  282 Coded Other Coded Other Condition Character; Max Length = 4  283 Coded Other Coded Other Condition Character; Max Length = 4  283 Coded Other Coded Other Condition Character; Max Length = 6  Coded Other Coded Other Condition Character; Max Length = 6  Coded Other Coded Other Condition Character; Max Length = 6	279		_	Max Length =	multcs2	
Condition 4  4  Max Length = 4  282 Coded Other Coded Other Condition Character; Max Length = 4  283 Coded Other Coded Other Condition Character; Max Length = 4  Coded Other Condition Character; Max Length = Max L	280		Coded Other Condition 3	,	multcs3	
Condition 5 5 Max Length = 4  283 Coded Other Condition Character; Max Length = 6 Max Length = 6	281		Coded Other Condition 4	,	multcs4	
Condition 6	282		Coded Other Condition 5	,	multcs5	
	283			Max Length =	multcs6	

284	Coded Other	Coded Other Condition	Character;	multcs7	
	Condition 7	7	Max Length =		
			4		

285 Method of	Method of Disposition	Character: Max	disptype	***2004-2018***
Disposition		Length = 1		₁– Burial
		₃= Burial		₂– Cremation
		c= Cremation		₃– Removal from
		R = Removal from		State
		State		₄– Donation
		D =		(medical research)
		Donation/Medical		₅– Body Not
		Research		Recovered
		ε = Entombment		₅– Entombment
		O = Other		<sub>7</sub> – Other
		N = Body not		9 - Unknown
		recovered		
		U = Unknown		***1980-2003***
				1- Burial
				2- Cremation
				3- Removal
				₄- Medical
				Research
				₅- Body Not
				Recovered
				9 - Unknown
	Est Time of Fetal Death		dth_hour and	dth_hour
Death		Length = 5	dth_min	**1980-2018***
		HH:MM; Unknown		00-24
		= 99:99		99 - Unknown/Not Stated
				Stateu
				dth_min
				***1992-2015***
				00-59
				99 - Unknown/Not
				Stated
				***1980-1991***
				30 - Default Value

287	Performed	Autopsy Indicates whether an autopsy was performed.	Character; Max Length = 1 Y = Yes autopsy performed N or X = No autopsy not performed U = Unknown	***2003-2018*** Y - Yes N - No P - Planned U - Unknown  ***1992-2002*** Y - Yes N - No U - Unknown
288		Histological Placental Exam Performed	Character; Max Length = 1 Y = Yes exam performed N = No exam not performed U = Unknown	***2003-2018*** Y - Yes N - No P - Planned U - Unknown  ***1980-2002*** Not collected
289		Results of Autopsy Informed COD	Character; Max Length = 1 Y - Yes N - No U - Unknown	***1992-2018*** Y - Yes N – No U - Unknown Blank - No autopsy performed

Linked Birth-Infant Death File Data Dictionary

Field Number	Field Name	Format/Values	Historical Field Name (1981-2015)	Historical Format/Values (1981-2015)
1	Birth State File Number (Internal) Birth SFN Encrypt (External)	Character; Max Length = 10 YYYY######	certno certno_e	
2	Birth Cert Type	Character; Max Length = 1 R - Resident D - Delayed (Selected years) O - Out-of-State	certype	R - Resident D - Delayed (Selected years) O - Out-of-State
3	Date of Birth Month	Numeric; MM	dob_mo	
4	Date of Birth Year	Numeric; YYYY	dob_yr	
5	Time of Birth	Character; Max Length = 5 HH:MM 99:99 - Unknown	birth_hr	

6	Sex	Character; Max Length = 1 M - Male F - Female U - Undetermined	sex	F - Female M - Male U - Unknown
7	Plurality	Numeric; Max Length = 2 - Single - Twins - Triplets	plural	- Single - Twin - Triplet - Quadruplet
8	Birth Order	Numeric; Max Length = 2 - Single Birth - First Born - Second Born	order	***1980-2016*** 0 - Single Birth - First Born - Second Born
Note: Occ	currence geographies are removed fo	r WA residents giving birth out of stat	e.	
9	Birthplace County City WA Code	Character; Max Length = 4 See WA County City Codes Spreadsheet	city_occ	See WA County City Codes Spreadsheet
10	Birthplace County WA Code	Character; Max Length = 2 See WA County City Codes Spreadsheet	cnty_occ	See WA County City Codes Spreadsheet
11	Birthplace State Discontinued starting with 2019 data	Character; Max Length = 28		
12	Birthplace State NCHS Code	Character; Max Length = 2; See NCHS State Codes Spreadsheet	st_occ	See NCHS State Codes Spreadsheet
13	Birthplace State FIPS Code Discontinued starting with 2019 data	Character; Max Length = 2 AL - Alabama AK - Alaska AZ - Arizona		
14	Facility Type	Numeric; Max Length = 2 - Hospital - Enroute - Birth Center	fac_type	***2003-2016*** - Hospital - Enroute - Birth Center
15	Facility	Character; Max Length = 12; See Facility Codes Spreadsheet	facility	See Facility Codes Spreadsheet
		ı	1	
16	Intended Facility	Character; Max Length = 4 1 - Hospital - Birth Center - Clinic/Doctor's Office	fac_int	***2003-2016***  1 – Hospital  – Birth Center  – Clinic/Doctor's Office
17	Mother Transfer	Character; Max Length = 1 N - Not Transferred Y - Yes U - Unknown	trnsferm	***2003-2016*** N - Not Transferred Y - Yes U - Unknown
18	Facility Mother Transferred From Discontinued starting with 2019 data	Character; Max Length = 128		
19	Child Transfer	Character; Max Length = 2 Y - Yes N - No U - Unknown	trnsferb	***1984-2016*** Y - Yes N - No U - Unknown/Not Stated

20	Facility Infant Transferred To Discontinued starting with 2019 data	Character; Max Length = 128		
21	Attendant Class	Numeric; Max Length = 2 - Hospital Administrator - Physician, MD - Licensed Midwife	attclass	***1989-2016*** - Hospital Administrator - Physician, MD - Licensed Midwife
22	Certifier Class	Numeric; Max Length = 2 0- Hospital Administrator 1- Physician, MD 2- Licensed Midwife	crt_clas	***1989-2016*** 00 - Hospital Administrator 01 - Physician, MD 02 - Licensed Midwife
23	Mother Calculated Age	Numeric; Max Length = 3 99 - Unknown/Not Stated	age_mom	Unknown/Not Stated = 99
24	Mother Residence County City WA Code	Character; Max Length = 4; See WA County City Codes Spreadsheet	city_res	See WA County City Codes Spreadsheet
25	Mother Residence County WA Code Discontinued starting with 2020 data	Character; Max Length = 2; See WA County City Codes Spreadsheet	<del>enty_res</del>	See WA County City Codes Spreadsheet
26	Mother Residence State Discontinued starting with 2019 data	Character; Max Length = 112		
27	Mother Residence State NCHS Code	Character; Max Length = 2; See NCHS State Codes Spreadsheet	st_res	See NCHS State Codes Spreadsheet
28	Mother Residence State FIPS Code Discontinued starting with 2019 data	Character; Max Length = 2 AL Alabama AK Alaska AZ Arizona		
29	Mother Residence Zip	Character; Max Length = 10 XXXXX-XXXX	zipcode	
30	Mother Years at Residence	Numeric; Max Length = 3 999 - Unknown/Not Stated	res_yprt res_yymm	Number of years mother lived at the current residence, at the time of birth, in yy format.
31	Mother Months at Residence	Numeric; Max Length = 2	res_mprt res_yymm	***1989-2016*** mm 9999 - Unknown
32	Mother Birthplace State NCHS	Character; Max Length =2		
33	Mother Birthplace Country	Character; Max Length = 64		
34	Mother Birthplace Cntry WA Code	Character; Max Length = 4; See WA Country Codes Spreadsheet	bctrymom	See WA Country Codes Spreadsheet

35	Mother Race White	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_wht	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
36	Mother Race Black	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_blk	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
37	Mother Race AI AN	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_ami	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
38	Mother Race Asian Indian	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_asi	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
39	Mother Race Chinese	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_chi	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
40	Mother Race Filipino	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_fil	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
41	Mother Race Japanese	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_jap	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
42	Mother Race Korean	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_kor	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
43	Mother Race Vietnamese	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_vie	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
44	Mother Race Other Asian	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_oas	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
45	Mother Race Hawaiian	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_haw	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
46	Mother Race Guam or Chamorro	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_gua	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
47	Mother Race Samoan	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_sam	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
48	Mother Race Other PI	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_opi	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
49	Mother Race Other	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_oth	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown

	1	1	T	<u> </u>
50	Mother Race Tribe 1	Character; Max Length = 120		
51	Mother Race Tribe 2	Character; Max Length = 120		
52	Mother Race Other Asian 1	Character; Max Length = 120		
53	Mother Race Other Asian 2	Character; Max Length = 120		
54	Mother Race Other PI 1	Character; Max Length = 120		
55	Mother Race Other PI 2	Character; Max Length = 120		
56	Mother Race Other 1	Character; Max Length = 120		
57	Mother Race Other 2	Character; Max Length = 120		
58	Mother Bridge Race	Character; Max Length = 2  Note: for the race codes below, AIAN = American Indian/Alaska		
59	Mother Race Calculation	Character; Max Length = 1 1 - White 2 - Black 3 - Native American	race_mom	***2003-2016*** Uses race assigned by NCHS bridging methods (see Data Quality Technical Notes for description). Coding same as
60	Mother Race Summary Code	Numeric; Max Length = 2 Single race 10 - White 11 - Black	moracsum	Note: for the race codes below, AIAN = American Indian/Alaska Native; NHOPI = Native Hawaiian or Other Pacific Islander.
61	Mother Hispanic No	Character; Max Length = 1 Y - Yes N - No U - Unknown	momh_no	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item
62	Mother Hispanic Mexican	Character; Max Length = 1 H - Yes N - No U - Unknown	momh_mex	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item
63	Mother Hispanic Puerto Rican	Character; Max Length = 1 H - Yes N - No U - Unknown	momh_pr	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item
64	Mother Hispanic Cuban	Character; Max Length = 1 H - Yes N - No U - Unknown	momh_cub	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item

65	Mother Hispanic Other	Character; Max Length = 1 H - Yes N - No U - Unknown	momh_oth	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item
66	Mother Hispanic Other Specify	Character; Max Length = 21		
	1	1	1	
67	Mother Hispanic NCHS Ecode	Numeric; Max Length = 3		
68	Mother Hispanic NCHS Ccode	Numeric; Max Length = 3		
69	Mother Hispanic	Numeric; Max Length = 1 0 - Non-Hispanic 1 - Mexican 2 - Puerto Rican	hisp_mom	***1996-2016*** D - Non-Hispanic L - Mexican 2 - Puerto Rican
70	Mother Education	Numeric; Max Length = 2 1 - 8th grade or less 2 - 9th-12th grade, no diploma 3 - High school graduate or GED	educ_mom	***2003-2016***  1
71	Mother Educ 8th Grade or Less	Numeric; Max Length = 8 0 = No education 1 = 1st grade 2 = 2nd grade	momle8ed	***2003-2016*** 0 – No education 1-8 – 1st – 8th grade 9 – Unknown
72	Mother Occupation Milham Discontinued starting with 2018 data	Character; Max Length = 3; See Milham Codes Spreadsheet	<del>occm_mom</del>	***1993-2016*** See Milham Codes Spreadsheet. Note: About 7% not coded.
73	Mother Marital Status	Character; Max Length = 4 1 - Married to other parent listed 2 - Married but not to the person listed as parent	married	***1980-2016*** Y - Yes N - No U - Not Stated
74	Father Calculated Age	Numeric; Max Length = 3 99 - Unknown/Not Stated	age_dad	99 - Unknown/Not Stated
75	Father Birthplace State NCHS	Character; Maximum Length = 2;		
76	Father Birthplace Country	Character; Max Length = 256		
77	Father Birthplace Cntry WA Code	Character; Max Length = 3 See WA Country Codes Spreadsheet	bctrydad	See WA Country Codes Spreadsheet
78	Father Race White	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_wht	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
79	Father Race Black	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_blk	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown

***2003-2016*** Y – Yes, this box checked
N – No, box not checked U – Entire Mother's Race item unknown
***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown
***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Race item unknown

95	Father Race Other Asian 1	Character; Max Length = 120		
96	Father Race Other Asian 2	Character; Max Length = 120		
97	Father Race Other PI 1	Character; Max Length = 120		
98	Father Race Other PI 2	Character; Max Length = 120		
99	Father Race Other 1	Character; Max Length = 120		
100	Father Race Other 2	Character; Max Length = 120		
	1		I .	
101	Father Bridge Race	Character; Max Length = 2  Note: for the race codes below, AIAN = American Indian/Alaska		
102	Father Race Calculation	Character; Max Length = 1 1 - White 2 - Black 3 - Native American	race_dad	***2003-2016*** Uses race assigned by NCHS bridging methods (see Data Quality Technical Notes for description). Coding same as
103	Father Race Summary Code	Numeric; Max Length = 2 Single race 10 - White 11 - Black	faracsum	Note: for the race codes below, AIAN = American Indian/Alaska Native; NHOPI = Native Hawaiian or Other Pacific Islander.
104	Father Hispanic No	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadh_no	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item
105	Father Hispanic Mexican	Character; Max Length = 1 H - Yes N - No U - Unknown	dadh_mex	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item
106	Father Hispanic Puerto Rican	Character; Max Length = 1 H - Yes N - No U - Unknown	dadh_pr	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item
107	Father Hispanic Cuban	Character; Max Length = 1 H - Yes N - No U - Unknown	dadh_cub	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item
108	Father Hispanic Other	Character; Max Length = 1 H - Yes N - No U - Unknown	dadh_oth	***2003-2016*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item
109	Father Hispanic Other Specify	Character; Max Length = 20		
L		1	<u> </u>	

110	Father Hispanic NCHS Ecodes	Numeric; Max Length = 3		
111	Father Hispanic NCHS Ccodes	Numeric; Max Length = 3		
112	Father Hispanic	Numeric; Max Length = 1 0- Non-Hispanic 1- Mexican 2- Puerto Rican	hisp_dad	***1996-2016*** 0 - Non-Hispanic 1 - Mexican 2 - Puerto Rican
113	Father Education	Numeric; Max Length = 2 1-8th grade or less 2-9th-12th grade, no diploma 3-High school graduate or GED	educ_dad	***2003-2016***  1
114	Father Educ 8th Grade or Less	Numeric; Max Length = 2 0 - No education 1 - 1st grade 2 - 2nd grade	dadle8ed	***2003-2016*** 0 – No education 1-8 – 1st – 8th grade 9 – Unknown
115	Father Occupation Milham Discontinued starting with 2018 data	Character; Max Length = 3; See Milham Codes Spreadsheet	occm_dad	***1993-2016*** See Milham Codes Spreadsheet. Note: About 7% not coded.
116	Mother Height Feet	Numeric; Max Length = 1 9 - Unknown/Not Stated	ht_ft	***2003-2016*** 9 – Unknown ***1980-2002***
117	Mother Height Inches	Numeric; Max Length = 2 99 - Unknown/Not Stated	ht_in	***2003-2016*** 99 – Unknown ***1980-2002***
			1	1980-2002
118	Mother Weight Prior	Numeric; Max Length = 3 999 - Unknown/Not Stated	wghtpre	***1992-2016*** 999 - Unknown
119	Mother Weight at Delivery	Numeric; Max Length = 3 999 - Unknown/Not Stated	wghtdelv	***1980-1991***  ***2003-2016*** 999 - Unknown  ***1980-2002***
120	Mother Weight Gain	Numeric; Max Length = 3	wghtgain	***2003-2016*** This field is calculated from prepregnancy and delivery weights (see fields 110 and 213).
121	Mother BMI	Numeric; Max Length = 3 99.9 - Unknown	bmi	***2003-2016*** 99.9 - Unknown ***1980-2002***
122	Mother Smoked Discontinued starting with 2019 data	Character; Max Length = 1 N Not Transferred Y Yes U Unknown/Not Stated	smoking	2300 2002
123	Cigarettes Smoked 3 Months Prior	Numeric; Max Length = 4	cigs_bef	
124	Packs Smoked 3 Months Prior	Numeric; Max Length = 4		

125	Cigarettes Smoked 1st Tri	Numeric; Max Length = 4	cigs_1 <sup>st</sup>	
126	Packs Smoked 1st Tri	Numeric; Max Length = 4		
127	Cigarettes Smoked 2nd Tri	Numeric; Max Length = 4	cigs_2 <sup>nd</sup>	
128	Packs Smoked 2nd Tri	Numeric; Max Length = 4		
129	Cigarettes Smoked 3rd Tri	Numeric; Max Length = 4	cigs_3 <sup>rd</sup>	
130	Packs Smoked 3rd Tri	Numeric; Max Length = 4		
131	Source of Payment	Numeric; Max Length = 1 1 - Medicaid 2 - Self-pay 3 - Private Insurance	delivpay	***2003-2016*** 1 - Medicaid 2 - Self-pay B - Private Insurance
132	Other Source of Payment Specify Discontinued starting with 2019 data	Character; Max Length = 60		
133	WIC	Character; Max Length = 1 Y - Yes N - No U - Unknown	wic_new	***2003-2016*** Y - Yes N - No U – Unknown
134	Date First Prenatal Visit	Character; Max Length = 10 MM/DD/YYYY	fpvmd4y fpv_mo fpv_da fpv_yr	
135	Date Last Prenatal Visit	Character; Max Length = 10 MM/DD/YYYY	lpvmd4y lpv_mo lpv_da lpv_yr	
136	Month Prenatal Care Began	Numeric; Max Length = 10 99 - Unknown/Not Stated	pnatalmo	***1992-2016*** 000 - None 001 to 010 - First through tenth month
137	NCHS Month Prenatal Care Began	Numeric; Max Length = 3 999 - Unknown	pnatfed	***2011-2016*** 999 - Unknown
138	Number Prenatal Visits	Numeric; Max Length = 2 99 - Unknown/Not Stated	pnatalvs	***1993-2016*** 000 - None 099 - Unknown/Not Stated
139	Prior Live Births Living	Numeric; Max Length = 2 00 - None 99 - Unknown/Not Stated	lb_nl	***1989-2016*** 000 - None 099 - Unknown/Not Stated

140	Prior Live Birth Deceased	Numeric; Max Length = 2 99 - Unknown	lb_nd	***1989-2016*** 000 - None 099 - Unknown/Not Stated
141	Last Live Birth Month	Numeric; Max Length = 2 MM	Ilb_mo	
142	Last Live Birth Year	Numeric; Max Length = 4 YYYY	llb_yr	
143	Other Preg Outcomes	Numeric; Max Length = 2 99 - Unknown/Not Stated	otherout	***2003-2016*** 000 - None 099 - Unknown/Not Stated (or 999?)
144	Other Preg Outcomes Month	Numeric; Max Length = 2 MM	oth_mo	
145	Other Preg Outcomes Year	Numeric; Max Length = 4 YYYY	oth_yr	
146	Date Last Menses	Date; Max Length = 10 MM/DD/YYYY	mensmd4y	
147	Last Menses Month	Numeric; Max Length = 2 MM	mens_mo	
148	Last Menses Day	Numeric; Max Length = 2 DD	mens_da	
149	Last Menses Year	Numeric; Max Length = 4 YYYY	mens_yr	
150	Gestation Estimate	Numeric; Max Length = 2 40 - Full Term or Forty Weeks 99 - Unknown	gest_est	***1989-2016*** 40 - Full Term or Forty Weeks 99 - Unknown
151	Calculated Gestation	Numeric; Max Length = 2 99 - Unknown/Did not calculate	gestcalc	***1980-2016*** Method of calculation different from method used in pre-2005 CDs, see Data Quality Technical Notes
152	Gestation Calculated Flag	Character; Max Length = 1 D - Gestation was calculated based on DOB and last menses date 1 - Gestation was based on clinical	gestflag	***2003-2016*** 0 - Gestcalc was calculated based on Date of Birth and Last Menses Date.
153	Child Alive	Character; Max Length = 1 Y - Yes N - No U - Unknown	alive	***2003-2016*** Y - Yes N - No T – Transferred, status unknown
154	Breastfed	Character; Max Length = 1 Y - Yes N - No U - Unknown	breastfd	***2003-2016*** Y - Yes N - No U – Unknown

155	Birth Weight Grams	Numeric; Max Length = 4 9999 - Unknown/Not Stated	wt_grams	***1980-2016*** 9999 - Unknown/Not Stated
<del>156</del>	Birth Weight Pounds Discontinued starting with 2019 data	Numeric; Max Length = 2 99 - Unknown/Not Stated		
157	Birth Weight Ounces Discontinued starting with 2019 data	Numeric; Max Length = 2 99 - Unknown/Not Stated		
158	Head Circumference	Numeric; Max Length = 2 99 - Unknown/Not Stated	circumf	***2003-2016*** 99 – Unknown ***1980-2002***
159	APGAR 5	Numeric; Max Length = 2 99 - Unknown	apgar5	***1980-2016*** 000-010 - Score 999 - Unknown
160	APGAR 10	Numeric; Max Length = 2 0-10 - Score 99 - Unknown	apgar10	***2003-2016*** 000-010 – Score 098 – Not applicable 999 – Unknown
161	Prepreg Diabetes	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, diabetes	Diabetes ***2003-2016*** E - Prepregnancy G - Gestational
162	Gestational Diabetes	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, diabetes	Diabetes ***2003-2016*** E - Prepregnancy G - Gestational
163	Prepreg Hypertension	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, hyperflg	Hypertension Flag ***2003-2016*** E - Prepregnancy G - Gestational
164	Gestational Hypertension	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, hyperflg	Hypertension Flag ***2003-2016*** E - Prepregnancy G – Gestational
165	Hypertension Eclampsia	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	***2003-2016*** 01 - Diabetes 02 - Hypertension 03 - Previous Preterm Births
166	Preterm Births	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	***2003-2016*** 01 - Diabetes 02 - Hypertension 03 - Previous Preterm Births
167	Poor Preg Outcomes	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	***2003-2016*** 01 - Diabetes 02 - Hypertension 03 - Previous Preterm Births
168	Vaginal Bleeding	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	***2003-2016*** 01 - Diabetes 02 - Hypertension 03 - Previous Preterm Births
169	Fertility Treatment	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	***2003-2016*** - Diabetes - Hypertension — Previous Preterm Births

l	1	1		Tanana
170	Assisted Reproduction	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	***2003-2016*** - Diabetes - Hypertension - Previous Preterm Births
171	Previous Cesarean	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	***2003-2016*** - Diabetes - Hypertension - Previous Preterm Births
172	Num Prev Cesarean	Numeric; Max Length = 2 99 - Unknown	prev_cno	
173	Group B Strep	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	***2003-2016*** 01 - Diabetes 02 - Hypertension 03 – Previous Preterm Births
174	Risk Factors None	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	***2003-2016*** 01 - Diabetes 02 - Hypertension 03 – Previous Preterm Births
175	Risk Factors Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	***2003-2016*** 01 - Diabetes 02 - Hypertension 03 – Previous Preterm Births
176	Gonorrhea	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016*** 01 – Gonorrhea 02 – Syphilis 03 – Herpes Simplex Virus (HSV)
177	Syphilis	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016*** 01 – Gonorrhea 02 – Syphilis 03 – Herpes Simplex Virus (HSV)
178	Herpes	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016*** 01 – Gonorrhea 02 – Syphilis 03 – Herpes Simplex Virus (HSV)
179	Chlamydia	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016*** 01 – Gonorrhea 02 – Syphilis 03 – Herpes Simplex Virus (HSV)
180	Нер В	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016*** 01 – Gonorrhea 02 – Syphilis 03 – Herpes Simplex Virus (HSV)
181	Нер С	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016*** 01 – Gonorrhea 02 – Syphilis 03 – Herpes Simplex Virus (HSV)
182	Infections Other	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016*** 01 – Gonorrhea 02 – Syphilis 03 – Herpes Simplex Virus (HSV)
183	Infections Other Specify	Character; Max Length = 60		
184	Infections None	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016*** 01 – Gonorrhea 02 – Syphilis 03 – Herpes Simplex Virus (HSV)

185	Infections Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016*** 01 – Gonorrhea 02 – Syphilis 03 – Herpes Simplex Virus (HSV)
186	Cervical Cerclage	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4	***2003-2016***  1 – Cervical Cerclage  2 - Tocolysis  3 – External Cephalic Version
187	Tocolysis	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4	***2003-2016*** 1 – Cervical Cerclage 2 - Tocolysis 3 – External Cephalic Version
188	ECV Success	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4, cephafig	External Cephalic Version Flag ***2003-2016*** N - No S - Successful
189	ECV Failed	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4, cephaflg	External Cephalic Version Flag ***2003-2016*** N - No S - Successful
190	Obstet Proc None	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4	***2003-2016***  1 – Cervical Cerclage  2 - Tocolysis  3 – External Cephalic Version
191	Obstet Proc Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4	***2003-2016***  1 – Cervical Cerclage  2 - Tocolysis  3 – External Cephalic Version
192	Ruptured Membranes	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	***2003-2016***  01 – Premature Rupture of the Membranes (Prolonged, >=12hr)  02 – Precipitous Labor (<3hr)
193	Precipitous Labor	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	***2003-2016*** 01 – Premature Rupture of the Membranes (Prolonged, >=12hr) 02 – Precipitous Labor (<3hr)
194	Prolonged Labor	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	***2003-2016*** 01 – Premature Rupture of the Membranes (Prolonged, >=12hr) 02 – Precipitous Labor (<3hr)
195	Labor Onset None	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	***2003-2016*** 01 – Premature Rupture of the Membranes (Prolonged, >=12hr) 02 – Precipitous Labor (<3hr)
196	Labor Onset Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	***2003-2016*** 01 – Premature Rupture of the Membranes (Prolonged, >=12hr) 02 – Precipitous Labor (<3hr)
197	Induction	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016***  01 – Induction of Labor  02 – Augmentation of Labor  03 – Non-Vertex Presentation
198	Augmentation	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016*** 01 – Induction of Labor 02 – Augmentation of Labor 03 – Non-Vertex Presentation
199	Non Vertex Presentation	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016*** 01 – Induction of Labor 02 – Augmentation of Labor 03 – Non-Vertex Presentation

200	Anesthesia	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016*** 01 – Induction of Labor 02 – Augmentation of Labor 03 – Non-Vertex Presentation
201	Steroids	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016*** 01 – Induction of Labor 02 – Augmentation of Labor 03 – Non-Vertex Presentation
202	Antibiotics	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016*** 01 – Induction of Labor 02 – Augmentation of Labor 03 – Non-Vertex Presentation
203	Chorioamnionitis	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016*** 01 – Induction of Labor 02 – Augmentation of Labor 03 – Non-Vertex Presentation
204	Meconium Stain	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016*** 01 – Induction of Labor 02 – Augmentation of Labor 03 – Non-Vertex Presentation
205	Fetal Intolerance	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016*** 01 – Induction of Labor 02 – Augmentation of Labor 03 – Non-Vertex Presentation
206	Maternal Inf None	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016*** 01 – Induction of Labor 02 – Augmentation of Labor 03 – Non-Vertex Presentation
207	Maternal Inf Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	***2003-2016*** 01 – Induction of Labor 02 – Augmentation of Labor 03 – Non-Vertex Presentation
208	Maternal Transfusion	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2016***  01 — Maternal Transfusion  02 — Third or Fourth Degree  Perineal Laceration
209	Perineal Laceration	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2016***  01 — Maternal Transfusion  02 — Third or Fourth Degree  Perineal Laceration
210	Ruptured Uterus	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2016*** 01 – Maternal Transfusion 02 – Third or Fourth Degree Perineal Laceration
211	Hyserectomy	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2016*** 01 – Maternal Transfusion 02 – Third or Fourth Degree Perineal Laceration
212	Intensive Care	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2016*** 01 — Maternal Transfusion 02 — Third or Fourth Degree Perineal Laceration
213	Operation	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2016*** 01 — Maternal Transfusion 02 — Third or Fourth Degree Perineal Laceration
214	Maternal Morbidity None	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2016*** 01 — Maternal Transfusion 02 — Third or Fourth Degree Perineal Laceration

Maternal Morbidity Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2016*** 01 — Maternal Transfusion 02 — Third or Fourth Degree Perineal Laceration
Attempt Forceps	Character; Max Length = 1 Y - Yes N - No U - Unknown	forcfail	***2003-2016*** N - No Y - Yes U - Unknown
Attempt Vacuum	Character; Max Length = 1 Y - Yes N - No U - Unknown	vacfail	***2003-2016*** N - No Y - Yes U - Unknown
Fetal Presentation	Numeric; Max Length = 1 1 - Cephalic 2 - Breech 3 - Other	fet_pres	***2003-2016*** C - Cephalic B – Breech O - Other
Delivery Method Final	Numeric; Max Length = 1 1 - Spontaneous vaginal 2 - Forceps 3 - Vacuum	dmethfin	***2003-2016*** 1 – Spontaneous vaginal 2 – Forceps 3 - Vacuum
Delivery Method Calculation	Numeric; Max Length = 1  1 - Vaginal  2 - Vaginal Birth After Previous CSection	dmeth1, dmeth2, dmeth3. dmeth4	***2003-2016*** Will be calculated from other fields. Only dmeth1 will be populated. Codes same as below.
Assist Vent	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	***2003-2016***  01 – Assisted Ventilation Required Immediately Following Delivery  02 – Assisted Ventilation Required for
Assist Vent 6	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	***2003-2016*** 01 – Assisted Ventilation Required Immediately Following Delivery 02 – Assisted Ventilation Required for
NICU Admission	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	***2003-2016*** 01 – Assisted Ventilation Required Immediately Following Delivery 02 – Assisted Ventilation Required for
Surfactant	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	***2003-2016*** 01 – Assisted Ventilation Required Immediately Following Delivery 02 – Assisted Ventilation Required for
Child Antibiotics	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	***2003-2016*** 01 – Assisted Ventilation Required Immediately Following Delivery 02 – Assisted Ventilation Required for
Child Seizure	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	***2003-2016*** 01 – Assisted Ventilation Required Immediately Following Delivery 02 – Assisted Ventilation Required for
Child Injury	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	***2003-2016*** 01 – Assisted Ventilation Required Immediately Following Delivery 02 – Assisted Ventilation Required for
Abnormal Conditions None	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	***2003-2016*** 01 – Assisted Ventilation Required Immediately Following Delivery 02 – Assisted Ventilation Required for
Abnormal Conditions Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	***2003-2016*** 01 – Assisted Ventilation Required Immediately Following Delivery 02 – Assisted Ventilation Required for
	Attempt Forceps  Attempt Vacuum  Fetal Presentation  Delivery Method Final  Delivery Method Calculation  Assist Vent  Assist Vent 6  NICU Admission  Surfactant  Child Antibiotics  Child Seizure  Child Injury  Abnormal Conditions None	Y - Yes   N - No   U - Unknown	Attempt Forceps

		T	1	1
230	Anencephaly	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2016*** 01 - Anencephaly 02 – Meningocele/Spina Bifida 03 – Cyanotic Congenital Heart Disease
231	MSB	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2016*** 01 - Anencephaly 02 – Meningocele/Spina Bifida 03 – Cyanotic Congenital Heart Disease
232	Congenital Heart	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2016*** 01 - Anencephaly 02 – Meningocele/Spina Bifida 03 – Cyanotic Congenital Heart Disease
233	Congenital Hernia	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2016*** 01 - Anencephaly 02 – Meningocele/Spina Bifida 03 – Cyanotic Congenital Heart Disease
234	Omphalocele	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2016*** 01 - Anencephaly 02 - Meningocele/Spina Bifida 03 - Cyanotic Congenital Heart Disease
235	Gastroschisis	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2016*** 01 - Anencephaly 02 – Meningocele/Spina Bifida 03 – Cyanotic Congenital Heart Disease
236	Limb Defect	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2016*** 01 - Anencephaly 02 – Meningocele/Spina Bifida 03 – Cyanotic Congenital Heart Disease
237	Cleft Lip	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2016*** 01 - Anencephaly 02 – Meningocele/Spina Bifida 03 – Cyanotic Congenital Heart Disease
238	Cleft Palate	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2016*** 01 - Anencephaly 02 – Meningocele/Spina Bifida 03 – Cyanotic Congenital Heart Disease
239	Down Syndrome	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2016*** 01 - Anencephaly 02 - Meningocele/Spina Bifida 03 - Cyanotic Congenital Heart Disease
240	Down Confirm	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7, downsflg	Down Syndrome Flag ***2003-2016*** C – Confirmed P - Pending
241	Down Pending	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7, downsflg	Down Syndrome Flag ***2003-2016*** C – Confirmed P - Pending
242	Other Chrom	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2016*** 01 - Anencephaly 02 – Meningocele/Spina Bifida 03 – Cyanotic Congenital Heart Disease
243	Other Chrom Confirm	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7, chromflg	Chromosomal Disorder Flag ***2003-2016*** C – Confirmed P - Pending
244	Other Chrom Pending	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7, chromflg	Chromosomal Disorder Flag ***2003-2016*** C – Confirmed P - Pending

245	Hypospadias	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2016*** 01 - Anencephaly 02 – Meningocele/Spina Bifida 03 – Cyanotic Congenital Heart Disease
246	Congenital Anomaly None	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2016*** 01 - Anencephaly 02 – Meningocele/Spina Bifida 03 – Cyanotic Congenital Heart Disease
247	Congenital Anomaly Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2016*** 01 - Anencephaly 02 – Meningocele/Spina Bifida 03 – Cyanotic Congenital Heart Disease
248	Deceased Flag Discontinued starting with 2019 data	Character; Max Length = 1	dthfig	
249	Death State File Number	Character; YYYY######	certno	YYYY######
<del>250</del>	Sex Death Discontinued starting with 2019 data.	Character; Max Length = 4 M = Male F = Female U = Undetermined	dthsex	***1980 2015***  M = Male F = Female U = Undetermined
251	Date of Death	Date; Max Length = 40; MM/DD/YYYY	dth_date	***1980-2015*** YYYYMMDD 99999999 - Unknown/Not Stated
252	Date of Death Month	Character; Max Length = 2 MM		
253	Date of Death Day	Character; Max Length = 2 DD		
				T
254	Date of Death Year	Character; Max Length = 4 YYYY		
255	Date of Death Modifier	Character; Max Length = 1; A = Actual X = Approximate C = Court Ordered	dod_modi	***2004-2015*** A - Actual P - Presumed C - Court determined
256	Time of Death	Character: Max Length = 5 HH:MM; Unknown = 99:99	dth_hour and dth_min	dth_hour **1980-2015*** 00-24 99 - Unknown/Not Stated
257	Time of Death Modifier	Character; Max Length = 1 A = Actual X = Approximate C = Court Ordered		
<del>258</del>	DOB Month Discontinued starting with 2019 data	Numeric; Max Length = 2 MM	dthdobmo	
<del>259</del>	DOB Year Discontinued starting with 2019 data	Numeric; Max Length = 4 YYYY	dthdobyr	

260	Age Unit	Numeric; Max Length = 1 1 = Years 2 = Months 3 = Days	dageunit	***1980-2015*** 0 - Years 1 to 99 1 - Years 100 or more 2 - Months
261	Age	Numeric; Max Length = 3; 999=Unknown	dageunum dthage	
Note: Occ	urrence geographies are removed for	WA residents dying out of state.		
262	Death County City WA Code	Character; Max Length = 4; See WA County City Codes Spreadsheet	dcityocc	See WA County City Codes Spreadsheet
263	Death County WA Code	Character; Max Length = 2; See WA County City Codes Spreadsheet	dcntyocc	See WA County City Codes Spreadsheet
264	Death State	Character; Max Length = 112		
265	Death State NCHS Code	Character; Max Length = 2; See NCHS State Codes Spreadsheet	dst_occ	See NCHS State Codes Spreadsheet
<del>266</del>	Death State FIPS Code Discontinued starting with 2019 data	Character; Max Length = 2 AL - Alabama AK - Alaska AZ - Arizona		
267	Death Zip Code	Character; Max Length = 5 XXXXX	dzipcode zip_occ	xxxxx
268	Place of Death Type	Numeric; Max Length = 1 0 = Home 1 = Other Place 2 = In Transport	dfac_typ	***2004-2015*** 0 – Home 1 – Other 2 – Dead on Arrival
269	Death Facility	Character; Max Length = 48; See Facility Codes Spreadsheet	dthfacil	See Facility Codes Spreadsheet
270	Certifier Designation	Numeric; Max Length = 10 1 = Physician 2 = Coroner/ME 3 = DO	attclass	***1998-2015*** 01 - Physician, MD 02 - Coroner/Pathologist 03 - Osteopath, DO
271	Attendant Title	Numeric; Max Length = 2 1 =Physician 2 =Coroner/ME 3 =DO	dattclass	***1998-2015*** 01 - Physician, MD 02 - Coroner/Pathologist 03 - Osteopath, DO
272	ME Coroner Referred	Character; Max Length = 4 Y = Yes N = No U = Unknown	referred	***1980-2015*** 1 - Yes 2 - Not 9 - Unknown/Not Stated
273	Informant Relationship	Character; Max Length = 120	dinform	Literal

274	Disposition	Character; Max Length = 4 B = Burial C = Cremation R = Removal from State	disptype	***2004-2015*** 1 – Burial 2 – Cremation 3 – Removal from State
275	Disposition Other	Character; Max Length = 30	disp_type_other_literal	Literal
276	Disposition Date	Date; Max Length = 10	dispdate	***1985-2015*** YYYYMMDD 99999999 - Unknown/Not Stated
277	Disposition Date Month	Numeric; Max Length = 2 MM	disp_mo	
278	Disposition Date Day	Numeric; Max Length = 2 DD	disp_da	
279	Disposition Date Year	Numeric; Max Length = 4 YYYY	disp_yr	
280	Disposition Facility Code	Character; Max Length = 4; See Cemetery Codes Spreadsheet	disp_fac	See Cemetery Codes Spreadsheet
281	Funeral Home Code	Character; Max Length = 4; See Funeral Home Codes Spreadsheet	funeralc	See Funeral Home Codes Spreadsheet
282	Birthplace State FIPS Discontinued starting with 2019 data.	Character; Max Length = 2 AL Alabama AK Alaska AZ Arizona		
283	Residence County City WA Code	Character; Max Length = 4; See WA County City Codes Spreadsheet	dcityres	See WA County City Codes Spreadsheet
284	Residence County WA Code	Character; Max Length = 2; See WA County City Codes Spreadsheet	dcntyres	See WA County City Codes Spreadsheet
285	Residence State	Character; Max Length = 112		
286	Residence State NCHS Code	Character; Max Length = 2; See NCHS State Codes Spreadsheet	dst_res	See NCHS State Codes Spreadsheet
287	Residence State FIPS Code	Character; Max Length = 2 AL - Alabama AK - Alaska AZ - Arizona		
288	Residence Zip Code	Character; Max Length = 40 XXXXX-XXXX	zipcode	***1989-2015*** 99999 - Unknown/Not Stated
				***1980-1988**

289	Res Geo ZCTA 2010 Discontinued starting with 2019 data.	<del>Character; Max Length = 5</del>	<del>deageozp</del>	XXXXX
290	Residence Length Units	Character; Max Length = 1 Y = Years M = Months D = Days	dresunit dres_len	***Blank beginning in 2004*** Replaced by new field at end of file: res_lena
291	Residence Length	Numeric; Max Length = 3; 999=Unknown	dresunum dres_uni	***Blank beginning in 2004*** Replaced by new field at end of file: res_auni
292	Residence City Limits Discontinued starting with 2019 data.	Character; Max Length = 4 Y=Yes N=No U=Unknown	dineity	***1992-2015*** N-No Y-Yes U-Unknown/Not Stated
293	Race White	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_wht	***2004-2015*** Y = Yes N = No U = Unknown
294	Race Black	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_blk	***2004-2015*** Y = Yes N = No U = Unknown
295	Race Amer Indian Alaskan	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_ami	***2004-2015*** Y = Yes N = No U = Unknown
296	Race Asian Indian	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_asi	***2004-2015*** Y = Yes N = No U = Unknown
297	Race Chinese	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_chi	***2004-2015*** Y = Yes N = No U = Unknown
298	Race Filipino	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_fil	***2004-2015*** Y = Yes N = No U = Unknown
299	Race Japanese	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_jap	***2004-2015*** Y = Yes N = No U = Unknown
300	Race Korean	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_kor	***2004-2015*** Y = Yes N = No U = Unknown
301	Race Vietnamese	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_vie	***2004-2015*** Y = Yes N = No U = Unknown
302	Race Other Asian	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_oas	***2004-2015*** Y = Yes N = No U = Unknown
303	Race Hawaiian	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_haw	***2004-2015*** Y = Yes N = No U = Unknown

304	Race Guamanian or Chamorro	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_gua	***2004-2015*** Y = Yes N = No U = Unknown
305	Race Samoan	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_sam	***2004-2015*** Y = Yes N = No U = Unknown
306	Race Other Pacific Islander	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_opi	***2004-2015*** Y = Yes N = No U = Unknown
307	Race Other	Character; Max Length = 1 Y = Yes N = No U = Unknown	dear_oth	***2004-2015*** Y = Yes N = No U = Unknown
308	Race Tribe First	Character; Max Length = 30	race_tribe_lit_1	Literal
309	Race Tribe Second	Character; Max Length = 30	race_tribe_lit_2	Literal
310	Race Other Asian First	Character; Max Length = 30	race_other_asian_lit_1	Literal
311	Race Other Asian Second	Character; Max Length = 30	race_other_asian_lit_2	Literal
312	Race Other PI First	Character; Max Length = 30	race_oth_pac_isl_lit_1	Literal
313	Race Other PI Second	Character; Max Length = 30	race_oth_pac_isl_lit_2	Literal
314	Race Other First	Character; Max Length = 30	race_other_lit_1	Literal
315	Race Other Second	Character; Max Length = 30	race_other_lit_2	Literal
316	Bridge Race	Character; Max Length = 8  Note: for the race codes below, AIAN = American Indian/Alaska	brg_race	Same as current
317	Race Summary Code	Numeric; Max Length = 2 10 = White 11 = Black 12 = American/Alaskan Native	deracsum	Same as current
318	Race Calculation	Character; Max Length = 1 1 - White 2 - Black 3 - Native American	dthrace	***2003-2016*** Uses race assigned by NCHS bridging methods (see Data Quality Technical Notes for description). Coding same as

319	Hispanic No	Character; Max Length = 4 Y = Yes N = No U = Unknown	deah_no	***2004-2015*** Y = Yes N = No U = Unknown
320	Hispanic Mexican	Character; Max Length = 4 H = Yes N = No U = Unknown	deah_mex	***2004-2015*** Y = Yes N = No U = Unknown
321	Hispanic Puerto Rican	Character; Max Length = 4 H = Yes N = No U = Unknown	deah_pr	***2004-2015*** Y = Yes N = No U = Unknown
322	Hispanic Cuban	Character; Max Length = 4 H = Yes N = No U = Unknown	deah_cub	***2004-2015*** Y = Yes N = No U = Unknown
323	Hispanic Other	Character; Max Length = 4 H = Yes N = No U = Unknown	deah_oth	***2004-2015***  Y = Yes  N = No U = Unknown
324	Hispanic Other Specify	Character; Max Length = 80		Literal
325	Hispanic NCHS Ecode	Numeric; Max Length = 12	dthhisp	
326	Hispanic NCHS Ccode	Numeric; Max Length = 12	dthhisp	
327	Hispanic NCHS Bridge	Numeric; Max Length = 1 0 - Non-Hispanic 1 - Mexican 2 - Puerto Rican	hisp	***2004-2016*** Uses Hispanic ethnicity assigned by NCHS bridging methods (see Death Statistical File Data Notes for
328	Manner	Character; Max Length = 4 N = Natural A = Accident S = Suicide	rinj_caus	***2006-2015*** 1 – Natural 2 – Accident 3 – Suicide
329	ACME Line 1	Character; Max Length = 1		ACME-LINE-NUM-10 (1)
330	ACME Line 2	Character; Max Length = 1		ACME-LINE-NUM-10 (2)
331	ACME Line 3	Character; Max Length = 1		ACME-LINE-NUM-10 (3)
332	ACME Line 4	Character; Max Length = 1		ACME-LINE-NUM-10 (4)
333	ACME Line 5	Character; Max Length = 1		ACME-LINE-NUM-10 (5)
		I	1	I

			CENSIIIO
334	ACME Line 6	Character; Max Length = 1	ACME-LINE-NUM-10 (6)
335	ACME Line 7	Character; Max Length = 1	ACME-LINE-NUM-10 (7)
336	ACME Line 8	Character; Max Length = 1	ACME-LINE-NUM-10 (8)
337	ACME Line 9	Character; Max Length = 1	ACME-LINE-NUM-10 (9)
338	ACME Line 10	Character; Max Length = 1	ACME-LINE-NUM-10 (10)
339	ACME Line 11	Character; Max Length = 1	ACME-LINE-NUM-10 (11)
340	ACME Line 12	Character; Max Length = 1	ACME-LINE-NUM-10 (12)
341	ACME Line 13	Character; Max Length = 1	ACME-LINE-NUM-10 (13)
342	ACME Line 14	Character; Max Length = 1	ACME-LINE-NUM-10 (14)
343	ACME Line 15	Character; Max Length = 1	ACME-LINE-NUM-10 (15)
344	ACME Line 16	Character; Max Length = 1	ACME-LINE-NUM-10 (16)
345	ACME Line 17	Character; Max Length = 1	ACME-LINE-NUM-10 (17)
346	ACME Line 18	Character; Max Length = 1	ACME-LINE-NUM-10 (18)
347	ACME Line 19	Character; Max Length = 1	ACME-LINE-NUM-10 (19)
348	ACME Line 20	Character; Max Length = 1	ACME-LINE-NUM-10 (20)

349	ACME Sequence 1	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (1)
350	ACME Sequence 2	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (2)
351	ACME Sequence 3	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (3)
352	ACME Sequence 4	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (4)
353	ACME Sequence 5	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (5)
354	ACME Sequence 6	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (6)
355	ACME Sequence 7	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (7)
356	ACME Sequence 8	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (8)
357	ACME Sequence 9	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (9)
358	ACME Sequence 10	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (10)
359	ACME Sequence 11	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (11)
360	ACME Sequence 12	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (12)
361	ACME Sequence 13	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (13)
362	ACME Sequence 14	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (14)
363	ACME Sequence 15	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (15)
363	ACME Sequence 15	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (15)

364	ACME Sequence 16	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (16)
365	ACME Sequence 17	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (17)
366	ACME Sequence 18	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (18)
367	ACME Sequence 19	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (19)
368	ACME Sequence 20	Character; Max Length = 1	ACME-LINE-SEQ-NUM-10 (20)
369	ACME Cause Category 1	Character; Max Length = 5	ACME-ICD-CODE-10 (1)
370	ACME Cause Category 2	Character; Max Length = 5	ACME-ICD-CODE-10 (2)
371	ACME Cause Category 3	Character; Max Length = 5	ACME-ICD-CODE-10 (3)
372	ACME Cause Category 4	Character; Max Length = 5	ACME-ICD-CODE-10 (4)
373	ACME Cause Category 5	Character; Max Length = 5	ACME-ICD-CODE-10 (5)
374	ACME Cause Category 6	Character; Max Length = 5	ACME-ICD-CODE-10 (6)
375	ACME Cause Category 7	Character; Max Length = 5	ACME-ICD-CODE-10 (7)
376	ACME Cause Category 8	Character; Max Length = 5	ACME-ICD-CODE-10 (8)
377	ACME Cause Category 9	Character; Max Length = 5	ACME-ICD-CODE-10 (9)
378	ACME Cause Category 10	Character; Max Length = 5	ACME-ICD-CODE-10 (10)

	1	1		,
379	ACME Cause Category 11	Character; Max Length = 5		ACME-ICD-CODE-10 (11)
380	ACME Cause Category 12	Character; Max Length = 5		ACME-ICD-CODE-10 (12)
381	ACME Cause Category 13	Character; Max Length = 5		ACME-ICD-CODE-10 (13)
382	ACME Cause Category 14	Character; Max Length = 5		ACME-ICD-CODE-10 (14)
383	ACME Cause Category 15	Character; Max Length = 5		ACME-ICD-CODE-10 (15)
384	ACME Cause Category 16	Character; Max Length = 5		ACME-ICD-CODE-10 (16)
385	ACME Cause Category 17	Character; Max Length = 5		ACME-ICD-CODE-10 (17)
386	ACME Cause Category 18	Character; Max Length = 5		ACME-ICD-CODE-10 (18)
387	ACME Cause Category 19	Character; Max Length = 5		ACME-ICD-CODE-10 (19)
388	ACME Cause Category 20	Character; Max Length = 5		ACME-ICD-CODE-10 (20)
389	ACME Nature of Injury Flag 1	Character; Max Length = 4	injflg1	ACME-FILLER-10 (1)
390	ACME Nature of Injury Flag 2	Character; Max Length = 1	injflg2	ACME-FILLER-10 (2)
391	ACME Nature of Injury Flag 3	Character; Max Length = 1	injflg3	ACME-FILLER-10 (3)
392	ACME Nature of Injury Flag 4	Character; Max Length = 1	injflg4	ACME-FILLER-10 (4)
393	ACME Nature of Injury Flag 5	Character; Max Length = 1	injflg5	ACME-FILLER-10 (5)

394	ACME Nature of Injury Flag 6	Character; Max Length = 1	injflg6	ACME-FILLER-10 (6)
395	ACME Nature of Injury Flag 7	Character; Max Length = 1	injflg7	ACME-FILLER-10 (7)
396	ACME Nature of Injury Flag 8	Character; Max Length = 1	injflg8	ACME-FILLER-10 (8)
397	ACME Nature of Injury Flag 9	Character; Max Length = 1	injflg9	ACME-FILLER-10 (9)
398	ACME Nature of Injury Flag 10	Character; Max Length = 1	injflg10	ACME-FILLER-10 (10)
399	ACME Nature of Injury Flag 11	Character; Max Length = 1	injflg11	ACME-FILLER-10 (11)
400	ACME Nature of Injury Flag 12	Character; Max Length = 1	injflg12	ACME-FILLER-10 (12)
401	ACME Nature of Injury Flag 13	Character; Max Length = 1	injflg13	ACME-FILLER-10 (13)
402	ACME Nature of Injury Flag 14	Character; Max Length = 1	injflg14	ACME-FILLER-10 (14)
403	ACME Nature of Injury Flag 15	Character; Max Length = 1	injflg15	ACME-FILLER-10 (15)
404	ACME Nature of Injury Flag 16	Character; Max Length = 1	injflg16	ACME-FILLER-10 (16)
405	ACME Nature of Injury Flag 17	Character; Max Length = 1	injflg17	ACME-FILLER-10 (17)
406	ACME Nature of Injury Flag 18	Character; Max Length = 1	injflg18	ACME-FILLER-10 (18)
407	ACME Nature of Injury Flag 19	Character; Max Length = 1	injflg19	ACME-FILLER-10 (19)
408	ACME Nature of Injury Flag 20	Character; Max Length = 1	injflg20	ACME-FILLER-10 (20)

409	Underlying COD Code	Character; Max Length = 5	underly	***1999-Present*** For ICD-10 Codes see http://apps.who.int/classifications/icd1 0/browse/2010/en.
410	Record Axis Code 1	Character; Max Length = 4	mltcse1	TRANSAX-ICD-CODE-10 (1)
411	Record Axis Code 2	Character; Max Length = 4	mltcse2	TRANSAX-ICD-CODE-10 (2)
412	Record Axis Code 3	Character; Max Length = 4	mltcse3	TRANSAX-ICD-CODE-10 (3)
413	Record Axis Code 4	Character; Max Length = 4	mltcse4	TRANSAX-ICD-CODE-10 (4)
414	Record Axis Code 5	Character; Max Length = 4	mltcse5	TRANSAX-ICD-CODE-10 (5)
415	Record Axis Code 6	Character; Max Length = 4	mltcse6	TRANSAX-ICD-CODE-10 (6)
416	Record Axis Code 7	Character; Max Length = 4	mltcse7	TRANSAX-ICD-CODE-10 (7)
417	Record Axis Code 8	Character; Max Length = 4	mltcse8	TRANSAX-ICD-CODE-10 (8)
418	Record Axis Code 9	Character; Max Length = 4	mltcse9	TRANSAX-ICD-CODE-10 (9)
419	Record Axis Code 10	Character; Max Length = 4	mltcse10	TRANSAX-ICD-CODE-10 (10)
420	Record Axis Code 11	Character; Max Length = 4	mltcse11	TRANSAX-ICD-CODE-10 (11)
421	Record Axis Code 12	Character; Max Length = 4	mltcse12	TRANSAX-ICD-CODE-10 (12)
422	Record Axis Code 13	Character; Max Length = 4	mltcse13	TRANSAX-ICD-CODE-10 (13)
423	Record Axis Code 14	Character; Max Length = 4	mltcse14	TRANSAX-ICD-CODE-10 (14)

424	Record Axis Code 15	Character; Max Length = 4	mltcse15	TRANSAX-ICD-CODE-10 (15)
425	Record Axis Code 16	Character; Max Length = 4	mltcse16	TRANSAX-ICD-CODE-10 (16)
426	Record Axis Code 17	Character; Max Length = 4	mltcse17	TRANSAX-ICD-CODE-10 (17)
427	Record Axis Code 18	Character; Max Length = 4	mltcse18	TRANSAX-ICD-CODE-10 (18)
428	Record Axis Code 19	Character; Max Length = 4	mltcse19	TRANSAX-ICD-CODE-10 (19)
429	Record Axis Code 20	Character; Max Length = 4	mltcse20	TRANSAX-ICD-CODE-10 (20)
430	Autopsy	Character; Max Length = 1 Y = Yes autopsy performed N = No autopsy not performed U = Unknown	autopsy	***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Reported
431	Autopsy Available	Character; Max Length = 1 Y = Yes N = No X = Unknown	dautoav	***2004-2015*** 1 - Yes 2 - No 8 - Not reported
432	Date of Injury	Date: Max Length = 40; MMDDYYYY	inj_date	***1980-2015*** YYYYMMDD 9999999 - Unknown/Not Stated Blank - Not Applicable
433	Date of Injury Month	Numeric; Max Length = 2 MM	inj_mo	
434	Date of Injury Day	Numeric; Max Length = 2 DD	inj_da	
435	Date of Injury Year	Numeric; Max Length = 4 YYYY	inj_yr	
436	Injury Date Modifier	Character; Max Length = 1 A = Actual X = Approximate C = Court Ordered		
437	Time of Injury	Character; Max Length = 5 HH:MM; Unknown = 99:99	inj_hour, inj_min	Character; Max Length = 2 00-59; Unknown = blank
438	Injury HR AMPM	Character; Max Length = 4 A = AM D = Midnight M = 24 hour	inj_ampm	***1980-2015*** A - AM P - PM Blank - Not Applicable

439	Time of Injury Modifier	Character; Max Length = 1 A = Actual X = Approximate C = Court Ordered		
440	Injury Place	Character; Max Length = 50		
441	Injury ACME Place	Numeric; Max Length = 1 0 = Home 1 = Residential Institution 2 = School, other institution and public	injpnchs	***1999-2015***  0 – Home (Excludes: abandoned or derelict house (8), home under construction, but not yet occupied(6),
442	Injury Transportation	Character; Max Length = 256 DRIVER/OPERATOR PASSENGER PEDESTRIAN	dtrnsinj	***2004-2015*** 1 – Driver 2 – Passenger 3 – Pedestrian
443	Injury Transportation Other	Character; Max Length = 256	injury_transport_role_other	Literal
444	Injury County City WA Code	Character; Max Length = 4; See WA County City Code Spreadsheetle	city_inj	See WA County City Codes Spreadsheet
445	Injury County WA Code	Character; Max Length = 2; See WA County City Code Spreadsheetle	cnty_inj	See WA County City Codes Spreadsheet
446	Injury State FIPS Code	Character; Max Length = 2 AL - Alabama AK - Alaska AZ - Arizona	st_inj	
447	Injury Zip Code	Character; Max Length = 40 XXXXX-XXXX	dzpinjoc	xxxxx
448	Date Received	Date; Max Length = 40 MM/DD/YYYY	drcvdt	