

1 SNOHOMISH COUNTY COUNCIL
2 SNOHOMISH COUNTY, WASHINGTON

3
4 ORDINANCE NO. 25-005

5
6 APPROVING DATA SHARING AGREEMENT WITH WASHINGTON STATE
7 DEPARTMENT OF HEALTH AND PROVIDING AUTHORITY TO APPROVE ANY
8 FUTURE AMENDMENTS
9

10 WHEREAS, Snohomish County, acting through its Health Department, needs
11 access to the Washington State Department of Health (DOH) Comprehensive Hospital
12 Abstract Reporting System (CHARS) and vital records datasets; and
13

14 WHEREAS, the CHARS data will be used to build a chronic disease and injury
15 prevention surveillance system and would be used to estimate trends in chronic
16 disease, injury/violence, and hospital burden and will be part of an on-going chronic
17 disease and injury prevention surveillance system; and
18

19 WHEREAS, the vital records data will include birth, fetal death, and infant death
20 data that will be used for general public health and prevention efforts through analysis
21 and review of trends over time in births, maternal risk factors, and infant deaths in
22 Snohomish County; and
23

24 WHEREAS, the County's Health Department will use the CHARS and vital
25 records datasets for on-going assessment activities, including tracking trends for public
26 health indicators, preparing reports on specific public health issues, and responding to
27 requests for data from the public and other public agencies; and
28

29 WHEREAS, the parties wish to enter into a data sharing agreement for CHARS
30 and vital records datasets and anticipate future amendments to the data sharing
31 agreement; and
32

33 WHEREAS, the County Council held a public hearing on _____ to consider
34 approval of the data sharing agreement with the Washington State Department of
35 Health for Comprehensive Hospital Abstract Reporting System and vital records
36 datasets and to authorize the Snohomish County Executive, or designee, to enter into
37 such agreement in substantially the form attached as Exhibit A, and further to grant the
38 Snohomish County Executive authority to enter into future amendments to the
39 agreement;
40

41 NOW, THEREFORE, BE IT ORDAINED:
42

43 Section 1. The County Council hereby adopts the foregoing recitals as findings of
44 fact and conclusions as if set forth in full herein.
45

1 Section 2. The County Council hereby approves and authorizes the County
2 Executive, or designee, to execute the data sharing agreement with the Washington
3 State Department of Health in substantially the form attached as Exhibit A.

4
5 Section 3. The County Council hereby authorizes the County Executive, or
6 designee, to execute all subsequent amendments to the data sharing agreement with
7 the Washington State Department of Health.

8
9 PASSED this _____ day of _____, 2025.

10
11
12 SNOHOMISH COUNTY COUNCIL
13 Snohomish County, Washington

14
15
16 _____
17 Council Chair

18 ATTEST:

19
20
21 _____
22 Deputy Clerk of the Council

- 23
24 () APPROVED
25 () EMERGENCY
26 () VETOED
27

28 DATE: _____
29
30

31
32 _____
33 County Executive

34 ATTEST:

35
36 _____
37 Approved as to form only:

38 Guadamud,  Digitally signed by Guadamud,
39 Rebecca
40 Date: 2025.01.07 15:21:08
41 Rebecca
42 _____
43 Deputy Prosecuting Attorney

**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, through its Health Department	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

Authorized user 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.

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

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

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

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

Confidential information 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.

Data means a data file containing multiple records.

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

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

De-identified 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.

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

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

Disclosure 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.

Encryption 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

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

Government agencies 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.

Human subjects research; human subject 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.

Indirect identifiers 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.

Indirect patient identifier 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.

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

Potentially identifiable information 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.

Public health purpose 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.

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.

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

State holidays 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.

Writing 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 the Chief Information Officer (OCIO) 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 OCIO 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.

Note: 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 (security@doh.wa.gov) 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. DISPUTES

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. GOVERNANCE

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. SURVIVORSHIP

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. TERMINATION

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

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 date of execution through 11/30/2028

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

THE DEPARTMENT

State of Washington Department of Health

Signature

Print Name

Date

INFORMATION RECIPIENT

Snohomish County

Signature

Print Name

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 that are available to persons not on the DSA will 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 our 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 our 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 our role in protecting and improving community health.

Is the purpose of this agreement for human subjects research that requires Washington State Institutional Review Board (WSIRB) approval? Yes No

Data disclosed by the Department to the Snohomish County Health Department through this data sharing agreement solely consists of identifiers for deceased individuals. The data does

not contain direct identifiers pertaining to any living individual, including but not limited to next of kin data, and does not meet the Common Rule definition of human subject.

The Information Recipient is permitted to contact individuals. Yes No

The data is permitted to be linked with other information. Yes No

If yes: Linking authorized by the Department.

Data may be linked with RHINO/ESSENCE data, WDRS data, and data from the Snohomish County Medical Examiner’s office. Data may also be linked with EMS data sources such as WEMESIS / Snohomish ESO Data.

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

2. PERIOD OF PERFORMANCE

This **Exhibit** shall have the same period of performance as the **Agreement** unless otherwise noted below:

Exhibit I shall be effective from through date of execution to 11/30/2028

3. DESCRIPTION OF DATA

Information Provider will make available the following information under this Agreement:

Database Name(s):

- WA Death Annual Statistical
- WA Death Cause of Death Literals
- WA Death Names

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:

- Restricted Confidential Information (Category 4)
- Confidential Information (Category 3)
- 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

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 (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. 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:

- \$ _____
 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 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

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 checked, 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.

THE DEPARTMENT

State of Washington Department of Health

INFORMATION RECIPIENT

Snohomish County

Signature

Signature

Print Name

Print Name

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 that are available to persons not on the DSA will adhere to the small numbers guidelines.

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 our 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 our 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 our role in protecting and improving community health.

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

Yes No

The data is permitted to be linked with other information.

Yes No

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 **Exhibit** shall have the same period of performance as the **Agreement** unless otherwise noted below:

Exhibit I shall be effective from through date of execution to 11/30/2028

3. DESCRIPTION OF DATA

Information Provider will make available the following information under this Agreement:

Database Name(s):

- WA CHARS Inpatient with Indirect Patient Identifiers
- WA CHARS Observation with Indirect Patient Identifiers
- WA CHARS Revisit with Indirect Patient Identifiers

Data Elements being provided:

The data elements listed in Appendix E are the current data elements for the 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 3)
- 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

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)(10) - Hospital financial and patient discharge data

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

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 checked, 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.

THE DEPARTMENT

State of Washington Department of Health

Signature

Print Name

Date

INFORMATION RECIPIENT

Snohomish County

Signature

Print Name

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 that are available to persons not on the DSA will 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 our 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 our 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 our role in protecting and improving community health.

Is the purpose of this agreement for human subjects research that requires Washington State Institutional Review Board (WSIRB) approval? Yes No

The data is permitted to be linked with other information. Yes No
 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 **Exhibit** shall have the same period of performance as the **Agreement** unless otherwise noted below:

Exhibit **III** shall be effective from through date of execution to 11/30/2028

3. DESCRIPTION OF DATA

Information Provider will make available the following information under this Agreement:

Database Name(s):

- WA Birth Statistical with Indirect Identifiers
- WA Fetal Death Statistical with Indirect Identifiers
- WA Linked Birth-Infant Death with Indirect Identifiers
- WA Linked Birth-CHARS with Indirect Identifiers

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:

- Restricted Confidential Information (Category 4)
- Confidential Information (Category 3)
- 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

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 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 246-492-990 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:

- \$ _____
- 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 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

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 checked, 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

Signature

Signature

Print Name

Print Name

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.
2. An Information Recipient may disclose an individual's confidential information, received or created under this Agreement only as permitted under the **Re-Disclosure of Information** 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)

Signature: _____

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

1. 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 F. Data storage on mobile devices or portable 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 F. Data storage on mobile 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 wipe 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 the data is encrypted 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:

Data stored on:

Is destroyed by:

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 Confidential or Restricted information

On-site shredding, pulping, or incineration, or

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.

K. Notification of or Potential Compromise

The Information Recipient shall notify the Department’s Chief Information Security Officer at security@doh.wa.gov 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 of Disposition _____

- All copies of any Datasets related to agreement DOH# _____ have been deleted from all data storage systems. These data storage systems continue to be used for the storage of confidential data and are physically and logically secured to prevent any future access to stored information. Before transfer or surplus, all data will be eradicated from these data storage systems to effectively prevent any future access to previously stored information.
- All copies of any Datasets related to agreement DOH# _____ have been eradicated from all data storage systems to effectively prevent any future access to the previously stored information.
- All materials and computer media currently under or previously under control of the Information Recipient identified in Agreement DOH# _____ containing any data related to Agreement DOH # _____ have been physically destroyed to prevent any future use of the materials and media.
- All paper copies of the information currently under or previously under control of the Information Recipient identified in Agreement DOH# _____ related to agreement DOH # _____ have been destroyed on-site by cross cut shredding.
- All copies of any Datasets related to agreement DOH # _____ that have not been disposed of in a manner described above, have been returned to DOH.
- Other (provide details in an attachment to this document).

The Information Recipient hereby certifies, by signature below, that the data disposition requirements as provided in Agreement DOH # _____, Section J, Disposition of Information, have been fulfilled as indicated above. The person signing below indicated, by signing, that they have the authority to sign on behalf of the Information Recipient, if the Information Recipient is an organization.

Signature of data recipient

Date

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.

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

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 U = Unknown		
18	Birthplace State FIPS Code	Decedent's Birth 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 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		
19	Birthplace Country	Decedent's Birth Country Name	Character; Max Length = 256	birth_country_name	Literal
Note: Occurrence geographies are removed for WA residents who died out of state.					
20	Death City	Death Location City Name	Character; Max Length = 52	death_city_name	Literal
21	Death County	Death Location County	Character; Max Length = 112		
22	Death County City WA Code Discontinued for 2022 forward.	Death Location WA County City Code <i>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"</i> <i>If a death occurs in a place with a population less than 2,500, it is assigned to the rural portion of the county.</i> <i>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."</i>	Character; Max Length = 4; See WA County City Codes Spreadsheet	city_occ	See WA County City Codes Spreadsheet

23	Death County WA Code Discontinued for 2022 forward.	Death Location WA County Code 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" 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."	Character; Max Length = 2; See WA County City Codes Spreadsheet	cnty_occ	See WA County City Codes Spreadsheet
24	Death City FIPS Code	Death City FIPS Code Added starting with 2022 data	Character; Max Length = 5; See FIPS Codes Spreadsheet		
25	Death County FIPS Code	Death County FIPS code Added starting with 2022 data	Character; Max Length = 5; First 2 digits is the state, See FIPS Code Spreadsheet		
26	Death State	Death Location State Name	Character; Max Length = 112		
27	Death Zip Code	Zip Code of Death Occurrence	Character; Max Length = 10 XXXX-XXXX	zip_occ	XXXX
28	Place of Death Type	Facility Type for Place of Death	Numeric; Max Length = 1 0 = Home 1 = Other Place 2 = In Transport 3 = Emergency Room 4 = Hospital (Inpatient) 5 = Nursing Home/Long Term Care 6 = Hospital 7 = Hospice Facility 8 = Other Person's Residence 9 = Unknown	fac_type	***2004-2015*** 0 - Home 1 - Other 2 - Dead on Arrival 3 - Emergency Room 4 - Hospital Inpatient 5 - Nursing Home 6 - Hospital 7 - Hospice 9 - Unknown ***1980-2003*** 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 Spreadsheet	facility	See Facility Codes Spreadsheet
30	Armed Forces	Decedent ever served in Armed Forces?	Character; Max Length = 1 Y = Yes N = No U = Unknown	armforce	***1980-2015*** 1 - Yes 2 - No 9 - Unknown/Not Stated
31	Marital Status	Marital Status	Character; Max Length = 1 S = Never Married M = Married P = Domestic Partner D = Divorced W = Widowed A = Married but separated U = Unknown	married	***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 9 - Unknown ***1980-2003*** 1 - Single 2 - Married 3 - Divorced 4 - Widowed

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 07 – Master'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 third grade 004 - Completed fourth grade 005 - Completed fifth grade 006 - Completed sixth grade 007 - Completed seventh grade 008 - Completed eighth grade 009 - Completed ninth grade 010 - Completed tenth grade 011 - Completed eleventh 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 codes)
33	Education 8 or Less	Decedent's Education Years If 8 th Grade or Less	Numeric; Max Length = 1 0 = No Education or less than 1st grade 1 = Completed 1st grade 2 = Completed 2nd 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
35	Occupation Milham Discontinued for 2019 forward.	Usual Occupation – Milham's Code <i>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)."</i>	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 Y = Yes N = No U = Unknown	race_chi	***2004-2015*** Y = Yes N = No U = Unknown
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43	Race Filipino	Decedent's Race, Filipino	Character; Max Length = 1 Y = Yes N = No U = Unknown	race_fil	***2004-2015*** Y = Yes N = No U = Unknown
44	Race Japanese	Decedent's Race, Japanese	Character; Max Length = 1 Y = Yes N = No U = Unknown	race_jap	***2004-2015*** Y = Yes N = No U = Unknown
45	Race Korean	Decedent's Race, Korean	Character; Max Length = 1 Y = Yes N = No U = Unknown	race_kor	***2004-2015*** Y = Yes N = No U = Unknown
46	Race Vietnamese	Decedent's Race, Vietnamese	Character; Max Length = 1 Y = Yes N = No U = Unknown	race_vie	***2004-2015*** Y = Yes N = No U = Unknown
47	Race Other Asian	Decedent's Race, Other Asian	Character; Max Length = 1 Y = Yes N = No U = Unknown	race_oas	***2004-2015*** Y = Yes N = No U = Unknown
48	Race Hawaiian	Decedent's Race, Native Hawaiian	Character; Max Length = 1 Y = Yes N = No U = Unknown	race_haw	***2004-2015*** Y = Yes N = No U = Unknown
49	Race Guamanian or Chamorro	Decedent's Race, Guamanian or Chamorro	Character; Max Length = 1 Y = Yes N = No U = Unknown	race_gua	***2004-2015*** Y = Yes N = No U = Unknown
50	Race Samoan	Decedent's Race, Samoan	Character; Max Length = 1 Y = Yes N = No U = Unknown	race_sam	***2004-2015*** Y = Yes N = No U = Unknown
51	Race Other Pacific Islander	Decedent's Race, Other Pacific Islander	Character; Max Length = 1 Y = Yes N = No U = Unknown	race_opi	***2004-2015*** Y = Yes N = No U = Unknown
52	Race Other	Decedent's Race, Other	Character; Max Length = 1 Y = Yes N = No U = Unknown	race_oth	***2004-2015*** Y = Yes N = No U = Unknown
53	Race Tribe First	Decedent's Race Literal 1, American Indian/Alaska Native	Character; Max Length = 30	race_tribe_lit_1	Literal
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
61	Bridge-Race Discontinued for 2022 forward.	Decedent's NCHS Bridged-Race Based on all races reported (with editing to remove duplicate race groups) and allows for multiple race reporting. The NCHS bridged-race variable bridges multiple race reporting back to one of four race categories (White, Black, American Indian/Alaska Native, and Asian/Pacific Islander) and includes single race reporting. This variable allows estimation of race-specific statistics based on the four race categories used in the 1977 OMB standards of four race categories. Many national health statistics, including birth and death, continue to be reported using the 1977 OMB standards.	Character; Max Length = 2 Note: for the race codes below, AIAN = American Indian/Alaska Native Single race specified 01—White 02—Black 03—AIAN 04—Asian Indian 05—Chinese 06—Filipino 07—Japanese 08—Korean 09—Vietnamese 10—Other Asian 11—Native Hawaiian 12—Guamanian or Chamorro 13—Samoan 14—Other Pacific Islander 15—Other Bridged multiple specified race 21—White 22—Black 23—AIAN 24—Asian or Pacific Islander	brg_race	Same as current

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 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 Asian 32 = 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 Native Hawaiian or Pacific Islander 35 = White and Asian and Native Hawaiian or Pacific Islander 36 = Black and American Indian/Alaska Native and Asian	sum_race	Same as current
63	Race Calculation Discontinued for 2022 forward.	Decedent's Race Calculation. 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—Filipino 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 ***1992-2003*** 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

68	Hispanic Other	Decedent's Hispanic Origin, Other Hispanic	Character; Max Length = 1 H = Yes N = No U = Unknown	hisp_oth	***2004-2015*** Y = Yes N = No U = Unknown
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69	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 6 - Unknown Hispanic 9 - Unknown/Not Stated ***1980-1987*** Blank Field
70	Residence City	Decedent's Residence City Name	Character; Max Length = 112		
71	Residence City FIPS Code	Decedent's Residence City FIPS Code	Character; Max Length = 5; See FIPS Codes Spreadsheet		
72	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
73	Residence County	Decedent's Residence County Name	Character; Max Length = 112	res_cnty_literal	Literal
74	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	city_res	See WA County City Codes Spreadsheet

75	Residence County WA Code Discontinued for 2022 forward.	Decedent's Residence County Code County of Residence. If the residence is in Washington — State, this field will be greater — than "00" or less than "99." 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. — 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 = 2; See WA County City Codes Spreadsheet	enty_res	See WA County City Codes Spreadsheet
76	Residence County FIPS Code	Residence County FIPS code	Character; Max Length = 5; First 2 digits is the state, See FIPS Code Spreadsheet		See WA FIPS Codes 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 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		
78	Residence Zip Code	Decedent's ZIP Code of Residence based on decedent resident address.	Character; Max Length = 5 XXXXX	zipcode	***1989-2015*** 99999 - Unknown/Not Stated ***1980-1988** Blank Field
79	Res Tribal Reservation Code Discontinued starting with 2020 data.	Decedent's Residence Tribal Reservation Code	Numeric; Max Length = 3; See Reservation Codes Spreadsheet	res_trbe	See Tribal Reservation Codes

80	Residence Length Units	Length of Residence, Unit Type	Character; Max Length = 1 Y = Years M = Months D = Days H = Hours N = Minutes U = Unknown	resunit res_lena	***Blank beginning in 2004*** Replaced by new field at end of file: res_lena ***1992-2003*** 0 - Years 1 to 99 1 - Years 100 or more 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
81	Residence Length	Number of residence length units	Numeric; Max Length = 3; 999=Unknown	resunum res_auni	***Blank beginning in 2004*** Replaced by new field at end of file: res_auni ***1992-2003*** Range of correct values are: 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. ***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.
82	Funeral Home Name	Funeral Home Name	Character; Max Length = 512	funeral_home_name	Literal
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	***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
84	Disposition Date	Disposition Date	Date; Max Length = 10 MM/DD/YYYY	dispdate	***1985-2015*** YYYYMMDD 99999999 - Unknown/Not Stated ***1980-1984*** 99999999 - Not Collected
85	Disposition Date - Month	Disposition Date - Month	Numeric; Max Length = 2 1-12; 99 = Unknown		
86	Disposition Date - Day	Disposition Date - Day	Numeric; Max Length = 2 1-31; 99 = Unknown		

87	Disposition Date - Year	Disposition Date - Year	Numeric; Max Lenth = 4 9999 = Unknown		
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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 05 - Sanipractor 09 - Other
90	ME Coroner Referred	Death Referred to the Medical Examiner/Coroner	Character; Max Length = 1 Y = Yes N = No U = Unknown	referred	***1980-2015*** 1 - Yes 2 - Not 9 - Unknown/Not Stated
91	ACME Line 1	TRX Entity-axis codes, ACME line 1	Character; Max Length = 1		Literal
92	ACME Line 2	TRX Entity-axis codes, ACME line 2	Character; Max Length = 1		Literal
93	ACME Line 3	TRX Entity-axis codes, ACME line 3	Character; Max Length = 1		Literal
94	ACME Line 4	TRX Entity-axis codes, ACME line 4	Character; Max Length = 1		Literal
95	ACME Line 5	TRX Entity-axis codes, ACME line 5	Character; Max Length = 1		Literal
96	ACME Line 6	TRX Entity-axis codes, ACME line 6	Character; Max Length = 1		Literal
97	ACME Line 7	TRX Entity-axis codes, ACME line 7	Character; Max Length = 1		Literal
98	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 1	Character; Max Length = 1		Literal
112	ACME Sequence 2	TRX Entity-axis codes, ACME Seq Num 2	Character; Max Length = 1		Literal
113	ACME Sequence 3	TRX Entity-axis codes, ACME Seq Num 3	Character; Max Length = 1		Literal
114	ACME Sequence 4	TRX Entity-axis codes, ACME Seq Num 4	Character; Max Length = 1		Literal
115	ACME Sequence 5	TRX Entity-axis codes, ACME Seq Num 5	Character; Max Length = 1		Literal
116	ACME Sequence 6	TRX Entity-axis codes, ACME Seq Num 6	Character; Max Length = 1		Literal
117	ACME Sequence 7	TRX Entity-axis codes, ACME Seq Num 7	Character; Max Length = 1		Literal
118	ACME Sequence 8	TRX Entity-axis codes, ACME Seq Num 8	Character; Max Length = 1		Literal
119	ACME Sequence 9	TRX Entity-axis codes, ACME Seq Num 9	Character; Max Length = 1		Literal
120	ACME Sequence 10	TRX Entity-axis codes, ACME Seq Num 10	Character; Max Length = 1		Literal
121	ACME Sequence 11	TRX Entity-axis codes, ACME Seq Num 11	Character; Max Length = 1		Literal
122	ACME Sequence 12	TRX Entity-axis codes, ACME Seq Num 12	Character; Max Length = 1		Literal

123	ACME Sequence 13	TRX Entity-axis codes, ACME Seq Num 13	Character; Max Length = 1		Literal
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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 15	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 17	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 19	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 11	Character; Max Length = 5		Literal
142	ACME Cause Category 12	TRX Entity-axis codes, Cause Category 12	Character; Max Length = 5		Literal
143	ACME Cause Category 13	TRX Entity-axis codes, Cause Category 13	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 19	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 1	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 3	TRX Entity-axis codes, ACME Filler 3	Character; Max Length = 1	injflg3	Literal
154	ACME Nature of Injury Flag 4	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 6	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 9	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 11	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 13	TRX Entity-axis codes, ACME Filler 13	Character; Max Length = 1	injflg13	Literal
164	ACME Nature of Injury Flag 14	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
166	ACME Nature of Injury Flag 16	TRX Entity-axis codes, ACME Filler 16	Character; Max Length = 1	injflg16	Literal

167 17	ACME Nature of Injury Flag	TRX Entity-axis codes, ACME Filler 17	Character; Max Length = 1	injflg17	Literal
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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/icd10/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/DataandStatisticalReports/VitalStatisticsData/DeathData/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,	Character; Max Length = 4	underly	***1999-Present*** For ICD-10 Codes see http://apps.who.int/classifications/icd10/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/DataandStatisticalReports/VitalStatisticsData/DeathData/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 translates into an ICD-9 code 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	mltcsi1	Literal
173	Record Axis Code 2	ICD Cause of Death Code (2nd)	Character; Max Length = 4	mltcsi2	Literal
174	Record Axis Code 3	ICD Cause of Death Code (3rd)	Character; Max Length = 4	mltcsi3	Literal
175	Record Axis Code 4	ICD Cause of Death Code (4th)	Character; Max Length = 4	mltcsi4	Literal
176	Record Axis Code 5	ICD Cause of Death Code (5th)	Character; Max Length = 4	mltcsi5	Literal
177	Record Axis Code 6	ICD Cause of Death Code (6th)	Character; Max Length = 4	mltcsi6	Literal
178	Record Axis Code 7	ICD Cause of Death Code (7th)	Character; Max Length = 4	mltcsi7	Literal
179	Record Axis Code 8	ICD Cause of Death Code (8th)	Character; Max Length = 4	mltcsi8	Literal
180	Record Axis Code 9	ICD Cause of Death Code (9th)	Character; Max Length = 4	mltcsi9	Literal
181	Record Axis Code 10	ICD Cause of Death Code (10th)	Character; Max Length = 4	mltcsi10	Literal
182	Record Axis Code 11	ICD Cause of Death Code (11th)	Character; Max Length = 4	mltcsi11	Literal
183	Record Axis Code 12	ICD Cause of Death Code (12th)	Character; Max Length = 4	mltcsi12	Literal
184	Record Axis Code 13	ICD Cause of Death Code (13th)	Character; Max Length = 4	mltcsi13	Literal
185	Record Axis Code 14	ICD Cause of Death Code (14th)	Character; Max Length = 4	mltcsi14	Literal
186	Record Axis Code 15	ICD Cause of Death Code (15th)	Character; Max Length = 4	mltcsi15	Literal
187	Record Axis Code 16	ICD Cause of Death Code (16th)	Character; Max Length = 4	mltcsi16	Literal
188	Record Axis Code 17	ICD Cause of Death Code (17th)	Character; Max Length = 4	mltcsi17	Literal
189	Record Axis Code 18	ICD Cause of Death Code (18th)	Character; Max Length = 4	mltcsi18	Literal
190	Record Axis Code 19	ICD Cause of Death Code (19th)	Character; Max Length = 4	mltcsi19	Literal
191	Record Axis Code 20	ICD Cause of Death Code (20th)	Character; Max Length = 4	mltcsi20	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.

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 ***1980-2003***
196	Manner	Reported Manner of Death	Character; Max Length = 1 N = Natural A = Accident S = Suicide H = Homicide C = Undetermined P = Pending	rinj_caus	***2006-2015*** 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	Character; Max Length = 1 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		

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	injpncs	***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 garage, private garden 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, nursing home, old people’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 query process	Character; Max Length = 28	injury_city_name	Literal
208	Injury County City WA Code Discontinued for 2022 forward.	Place of Injury County/City WA Code 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."	Character; Max Length = 4; See WA County City Code Spreadsheet	city_inj	See WA County City Codes Spreadsheet
209	Injury County WA Code Discontinued for 2022 forward.	Place of Injury County WA Code 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."	Character; Max Length = 2; See WA County City Code Spreadsheet	entj_inj	See WA County City Codes Spreadsheet
210	Injury City FIPS Code	Injury City FIPS Code <i>Added starting with 2022 data</i>	Character; Max Length = 5; See FIPS Codes Spreadsheet		
211	Injury County FIPS Code	Injury County FIPS code <i>Added starting with 2022 data</i>	Character; Max Length = 5; First 2 digits is the state, See FIPS Code Spreadsheet		
212	Injury County	Place of Injury County - Provided through query process	Character; Max Length = 28	injury_county_name	Literal
213	Injury State	Place of Injury State - Provided through query process	Character; Max Length = 28		
214	Injury Zip Code	Place of Injury Zip Code	Character; Max Length = 10 XXXX-XXXX	zipinjoc	XXXXX

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.
217	Date Received	County Receive Date	Date; Max Length = 10 MM/DD/YYYY	rcvdt	***1980-2015*** YYYYMMDD 99999999 - 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 Spreadsheet
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 only available in final annual data files.				
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		
232	Suicide firearm	Disease/injury flag Suicide - by firearm: underlying cause codes X72-X74	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
233	Suicide Asphyxia	Disease/injury flag Suicide - by asphyxia: underlying cause codes X70	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
234	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		

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 C00-C9	Numeric; Max Length = 2 0 = Condition not present 1 = Condition present		
243	Heart Disease	Disease/injury flag Heart disease deaths: underlying cause codes I00-I09, I11, I13, I20-I51	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-Y86	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 I60-I69	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		

Cause of Death Literals File

Center for Health Statistics, Washington State Department of Health

CSV format

Field Number	Field Name	Description
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)

Comprehensive Hospital Abstract Reporting System (CHARS)

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
4	HOSPITAL	Chr	Hospital Number	DOH assigned hospital number. UNS= Unknown Fourth character describes the Medicare certified unit type with: blank = acute care R = Rehabilitation unit 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
6	ZIPCODE	Chr	Patient's Zip Code	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 other temporary location).
	ZCTA	Chr	ZIP Code Tabulation Areas	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 000= Unknown/ Not Available Available for some records beginning with 2017
7	STATERES	Chr	State of Residence	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 derived from zipcode). Residents with zip code 99998 are assigned to Washington Blank/NA = invalid/unknown zip code or a non-U.S. residence. OOS = Out of state residence for a redacted zip code

Comprehensive Hospital Abstract Reporting System (CHARS)

Field Number	Variable	Type	Description	Comment
				01 = Adams 15 = Island 29 = Skagit 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 *Assigned using zip code, when city/state not reported; prior to 2022 discharges, derived solely from zipcode.
8	COUNTYRES	Chr	County of Residence	
9	COUNTRY	Chr	Country of Residence	See International Organization of Standards (ISO) 3166-1 code list http://www.iso.org/iso/country_codes
10	AGE	Int	Age in years	Age in years at time of admission.
11	SEX	Chr	Sex	F = Female M = Male U = Unknown
12	ADM_HR	Chr	Hour Patient Admitted for Care	Values range from 00-23 with 00=midnight Available for some records beginning in 2007.
13	DIS_DATE	Chr	Discharge Date	MM/YYYY
14	DIS_HR	Chr	Hour Patient Discharged for Care	Values range from 00-23 with 00=midnight Available for some records beginning in 2007.
15	LENSTAYD	Int	Length of Stay in Days	Computed as discharge date minus admission date minus leave of absence days (when leave of absence days applicable/available).
16	LENSTAYH	Num	Length of Stay in Hours	Length of stay in hours for discharges of 5 days or fewer. Available for some records beginning in 2007.
17	ADM_TYPE	Chr	Priority (Type of Admission or Visit -- previously called [Type of Admission])	1 = Emergency 2 = Urgent 3 = Elective 4 = Newborn 5 = Trauma 9 = Information not available
18	ADM_SRC	Chr	Point of Origin (effective 10./01/2007); previously called [Source of Admission]	See PointofOrigin Tab

Comprehensive Hospital Abstract Reporting System (CHARS)

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 999 = Information not reported or not available
21	PAYER1	Chr	Payer ID 1	
22	PAYER2	Chr	Payer ID 2	The secondary payer responsible for the bill using the same codes as for Payer1.
23	PAYER3	Chr	Payer ID 3	The secondary payer responsible for the bill using the same codes as for Payer1. Available for some records beginning in 2007.
24	DIAGCNT	Int	Count of number of diagnosis codes reported.	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.
37	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.
39	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.
41	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.

Comprehensive Hospital Abstract Reporting System (CHARS)

Field Number	Variable	Type	Description	Comment
43	PROCCNT	Int	Count of number of procedure codes reported.	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.	Integer to indicate on which day during the stay the procedure was performed. For example, if PROC1, PROC2, and PROC3 were performed on the first day and PROC4 was performed on the second day, the corresponding day fields would be: 1, 1, 1, 2. Available for some records beginning in 2007.
51	PRDAY2	Num	Day of first secondary procedure.	
52	PRDAY3	Num	Day of second secondary procedure.	
53	PRDAY4	Num	Day of third secondary procedure.	
54	PRDAY5	Num	Day of fourth secondary procedure.	
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.
58	IDOTHER1	Chr	Other Provider 1.	Other provider NPI number. Available for some records beginning in 2007.
59	IDOTHER2	Chr	Other Provider 2.	Other provider NPI number. Available for some records beginning in 2007.
60	ECODECNT	Int	Count of number of ECodes reported.	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)
62	POAE1	Chr	Present on Admission for Principal ECode	Y = Yes N = No U = No information for the record W = Clinically undetermined 1 = Exempt for POA reporting blank = not reported Available for some records beginning in 2007; This is only present for selected ICD-9 ecodes/ years.
63	HISPANIC	Chr	Hispanic Origin	Y=Yes; N=No; U=Unknown (to hospital or patient); R=Patient Declined to Respond blank=race was not reported Available for some records beginning in 2007.
64	BILLTYPE	Chr	Bill Type	Per NUBC Manual and hospital reported. 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 Age in Months at time of Admission
67	DRG_CMS	Chr	Medicare Severity Diagnosis Diagnostic Related Groups (DRG)	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); DRG assignment is only applicable to inpatient stays; Data available beginning with 2022 discharges.

Comprehensive Hospital Abstract Reporting System (CHARS)

Field Number	Variable	Type	Description	Comment
68	MDC_CMS	Chr	Medicare Severity Diagnosis Major Diagnostic Category (MDC)	Derived from the CMS grouper (https://www.cms.gov/medicare/medicare-fee-for-service-payment/acuteinpatientpps/ms-drug-classifications-and-software). Software is run by Washington State Hospital Association (WSHA); MDC assignment is only applicable to inpatient stays; Data available beginning with 2022 discharges.
69	DRG_WT_CMS	Chr	CMS DRG Weight	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 Association (WSHA) via CMS Open Source grouper effective 1/1/2022.
70	CMS_VER	Chr	CMS Grouper Version	Grouper version assigned when record is run through grouper. Populated by WSHA via CMS Open Source grouper effective 1/1/2022.
71	LANG_ENG	Num	English as a Preferred Language	1= English is the first listed/primary language spoken; 0=A language other than english is listed; 8= Patient decided to answer; 9= Unknown Available beginning with 2023 discharges
Observation File Only				
72	AGE_O	Int	Age in years at admission	Age, in years, at admission. (Admission date create from hierarical variable: Integer based on the FROM DATE OF SERVICES FIELD, when Admission Date not available.)
73	LENSTAYD_O	Int	Length of Stay in Days	DOH Calculated: Discharge date minus admission date (Admission date create from hierarical variable: Integer based on the FROM DATE OF SERVICES FIELD, when Admission Date not available)
74	AWEEKEND_O	Num	Weekend Admission Code	DOH Calculated 0 = Weekday 1 = Weekend (uses Admission date, create from hierarical variable: Integer based on the FROM DATE OF SERVICES FIELD, when Admission Date not available.)
75	AGE_MONTH_O	Num	Age in Months at admission	DOH Calculated Age in Months at time of Admission (Uses Admission date, create from hierarical variable: Integer based on the FROM DATE OF SERVICES FIELD, when Admission Date not available.)
Available Only for Discharges Years 2022 and prior (see RACE_OMB_5 in Race file for comparable data for 2023 forward)				
	RACE_WHT	Char	Race, White	Y=Yes; N=No; U=Unknown; R=Refused to State blank=race was not reported Available for some records beginning in 2007.
	RACE_BLK	Char	Race, Black or African American	Y=Yes; N=No; U=Unknown; R=Refused to State blank=race was not reported Available for some records beginning in 2007.
	RACE_AMI	Char	Race, American Indian or Alaska Native	Y=Yes; N=No; U=Unknown; R=Refused to State blank=race was not reported Available for some records beginning in 2007.
	RACE_ASI	Char	Race, Asian	Y=Yes; N=No; U=Unknown; R=Refused to State blank=race was not reported Available for some records beginning in 2007.
	RACE_HAW	Char	Race, Hawaiian or Other Pacific Islander	Y=Yes; N=No; U=Unknown; R=Refused to State blank=race was not reported Available for some records beginning in 2007.

Comprehensive Hospital Abstract Reporting System (CHARS)

Field Number	Variable	Type	Description	Comment
	RACE_AGG	Num	Race was aggregated into provided category/categories	* 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 from an adapted CDC code set to OMB standard.

Notes:

Int = Integer; Char = Character; Num = Numeric; WA = Washington 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	Type	Format	Label	Comment
1	REC_KEY	Num	11.	Record Key	Unique number assigned to each CHARS record. Added in 2003.
2	SEC_NO	Char	\$10	Sequence Number	Unique number assigned to each CHARS record within a year. First four digits are the year of discharge. This number changes for each quarterly release.
3	STAYTYPE	Char	\$1	Type of Stay	1 = Inpatient 2 = Observation patient
4	PATIENTID	Num	11.	Patient ID Number	Number to identify a unique patient. From 2011 onward, this ID remains consistent between revisit files/quarters.
5	REVISIT	Num	1.	Time Period Between Readmissions	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 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	Type	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 Number	Field Name (2017 and later)	Description	Format/Values	Historical Field Name (1980-2016)	Historical Format/Values (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	Sex of Child	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 Time of birth 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	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 = 1 1 - 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 8 - Not provided U - Unknown	married	***1980-2016*** Y - Yes N - No U - Not Stated

8	Facility Type	Facility Type of Birthplace Facility Type for Place of Birth. 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). For further information please see the "Data Quality Technical Notes – Facility of Birth."	Numeric; Max Length = 1 - Hospital - Enroute - Birth Center - Clinic/Doctor's Office - Home - Other 9 - Unknown/Not Stated	fac_type	***2003-2016*** - 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
9	Facility	Facility ID Number	Character; Max Length = 4; See Facility Codes Spreadsheet	facility	Blank Not Coded See Facility Codes Spreadsheet

10	Intended Facility	Intended Facility Type	Numeric; Max Length = 1 1 - Hospital - Birth Center - Clinic/Doctor's Office - Other - Home (Planned)	fac_int	***2003-2016*** 1 – Hospital – Birth Center – Clinic/Doctor's Office – Other – Home - Planned ***1980-2002*** Not Collected
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			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	<p>Birthplace County City WA Code</p> <p>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.</p> <p>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 -</p>	<p>Character; Max Length = 4</p> <p>See WA County City Codes Spreadsheet</p>	city_occ	See WA County City Codes Spreadsheet

		City/County/State of Residence and Occurrence” and see “How to Use the Data” in Technical Notes Document			
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15	Birthplace County WA Code	Birthplace County WA Code County in which the birth 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	Character; Max Length = 2 See WA County City Codes Spreadsheet	cnty_occ	See WA County City Codes Spreadsheet
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		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 Technical Notes Document			
16	Birthplace State NCHS Code	Birthplace State 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		

<p>19</p>	<p>Mother Residence City WA Code</p>	<p>Mother Residence WA County City Code</p> <p>If the residence is in Washington State, this field will be greater than "0000."</p> <p>If the place of residence has a population less than 2,500, it is assigned to the rural portion of the county.</p> <p>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 Occurrence."</p>	<p>Character; Maxcity_res Length = 4; See WA County City Codes Spreadsheet</p>	<p>city_res</p>	<p>See WA County City Codes Spreadsheet</p>
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20	Mother Residence County WA Code	<p>Mother Residence County WA Code</p> <p>If the residence is in Washington State, this field will be greater than "00."</p> <p>If the place of residence has a population less than 2,500, it is assigned to the rural portion of the county.</p> <p>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 Occurrence."</p>	<p>Character; Max Length = 2; See WA County City Codes Spreadsheet</p>	cnty_res	See WA County City Codes Spreadsheet
21	Mother Residence State NCHS Code	Mother's State of Residence (old NCHS code)	<p>Character; Max Length = 2; See NCHS State Codes Spreadsheet</p>	st_res	See NCHS State Codes Spreadsheet
22	Mother Residence Zip	Mother's ZIP Code of Residence	<p>Character; Max Length = 10 XXXXX-XXXX</p>	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 Birthplace State FIPS	Mother's Birthplace 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 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 Birthplace Country	Mother's Birth Country - Literal	NY New York Character; Max 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.
32	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.
33	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.
34	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	Mother's Race, Guamanian 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.
43	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	Mother's Race, Other Pacific Islander	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	Mother's Race Tabulation from Checkboxes, 4	Character; Max Length = 3		
58	Mother Race NCHS Ecode 5	Mother's Race Tabulation from Checkboxes, 5	Character; Max Length = 3		
59	Mother Race NCHS Ecode 6	Mother's Race Tabulation from Checkboxes, 6	Character; Max Length = 3		
60	Mother Race NCHS Ecode 7	Mother's Race Tabulation from Checkboxes, 7	Character; Max Length = 3		
61	Mother Race NCHS Ecode 8	Mother's Race Tabulation from Checkboxes, 8	Character; Max Length = 3		
62	Mother Race NCHS Ccode 1	Mother's Race Tabulation from Literals, 1	Character; Max Length = 3		
63	Mother Race NCHS Ccode 2	Mother's Race Tabulation from Literals, 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 NCHS Ccode 6	Mother's Race Tabulation from Literals, 6	Character; Max Length = 3		
68	Mother Race NCHS Ccode 7	Mother's Race Tabulation from Literals, 7	Character; Max Length = 3		
69	Mother Race NCHS Ccode 8	Mother's Race Tabulation from Literals, 8	Character; Max Length = 3		
70	Mother Bridge Race	Mother's NCHS Bridged Race	Character; Max Length = 2 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		
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71	Mother Race Calculation	Mother's Race Uses race assigned by NCHS bridging methods (see Data Quality Technical Notes for description).	Character; Max Length = 1 - White - Black - Native American - Chinese - Japanese - Other Non-White - Filipino - Refused to State - Unknown/Not Stated A- Hawaiian B- Other Asian/Pacific Islander C- Mexican/Chicano/Hispanic D- Asian E- Korean F- Samoan G - Vietnamese H - Guamanian	race_mom	***2003-2016*** Uses race assigned by NCHS bridging methods (see Data Quality Technical Notes for description). Coding same as in previous years, plus: Blank – Not processed by NCHS ***1992-2002*** 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 - Hawaiian
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			Blank – Not processed by NCHS		<ul style="list-style-type: none"> - Other Asian/Pacific Islander - - Mexican/Chicano/Hispanic - Asian - Korean - Samoan - VietnameseH - - Guamanian <p>***1988-1991***</p> <ul style="list-style-type: none"> 1- White 2- Black 3- Native American 4- Chinese 5- Japanese 6- Other Non-White
72	Mother Race Summary Code	Mother's Summary Race	<p>Numeric; Max Length = 2</p> <p>Single race</p> <ul style="list-style-type: none"> 10 - White 11 - Black 12 - American Indian/Alaska Native 13 - Asian 14 - Native Hawaiian or Pacific Islander <p>Two races</p> <ul style="list-style-type: none"> 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 25- Black and Asian 	moracsum	<p>7 Filipino</p> <p>Note: for the race codes below, AIAN = American Indian/Alaska Native; NHOPI = Native Hawaiian or Other Pacific Islander.</p> <p>***2003-2016***</p> <p>Single race</p> <ul style="list-style-type: none"> 10 – White only 11 – Black only 12 – AIAN only 13 – Asian only 14 – NHOPI only <p>Two races</p> <ul style="list-style-type: none"> 20 – White, Black 21 – White, AIAN 22 – White, Asian 23 – White, NHOPI 24 – Black, AIAN 25 – Black, Asian

			<p>26- Black and Native Hawaiian or Pacific Islander</p> <p>27- American Indian/Alaska Native and Asian</p> <p>28- American Indian/Alaska Native and Native Hawaiian or Pacific Islander</p> <p>29- Asian and Native Hawaiian or Pacific Islander</p> <p>Three races</p> <p>30- White and Black and American Indian/Alaska Native</p> <p>31- White and Black and Asian</p> <p>32- White and Black and</p>		<p>26 – Black, NHOPI</p> <p>27 – AIAN, Asian</p> <p>28 – AIAN, NHOPI</p> <p>29 – Asian, NHOPI</p> <p>Three races</p> <p>30 – White, Black, AIAN</p> <p>31 – White, Black, Asian</p> <p>32 – White, Black, NHOPI</p> <p>33 – White, AIAN, Asian</p> <p>34 – White, AIAN, NHOPI</p> <p>35 – White, Asian, NHOPI</p> <p>36 – Black, AIAN, Asian</p> <p>37 – Black, AIAN, NHOPI</p> <p>38 – Black, Asian, NHOPI</p>
73	Mother Hispanic No	Mother's Hispanic Origin, Not Hispanic	<p>Nati e Haaiian or Pa ifi Character; Max Length = 1</p> <p>Y - Yes</p> <p>N - No</p> <p>U - Unknown</p>	momh_no	<p>39 AIAN Asian NHOPI</p> <p>***2003-2016***</p> <p>Y – Yes, this box checked</p> <p>N – No, box not checked</p> <p>U – Entire Mother's Hispanic item unknown</p> <p>***1980-2002***</p> <p>Not Collected. See hisp mom.</p>

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

78	Mother Hispanic Other Specify	Mother's Hispanic Origin, Other Hispanic Literal	Character; Max Length = 21		
79	Mother Hispanic NCHS Ecodes	Mother's Hispanic Tabulation from Checkboxes	Numeric; Max Length = 3		
80	Mother Hispanic NCHS Ccodes	Mother's Hispanic Tabulation from Literal	Numeric; Max Length = 3		
81	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)."	Numeric; Max Length = 1 0 - Non-Hispanic 1 - Mexican 2 - Puerto Rican 3 - Cuban 4 - Central or South American 5 - Other and Unknown 9 - Unknown/Not Stated	hisp_mom	***1996-2016*** - Non-Hispanic - Mexican - Puerto Rican - Cuban - Central or South American - 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 6 - Unknown Hispanic 9 - Unknown/Not Stated

82	Mother Education	Mother's Education Level Highest grade completed by the mother.	<p>Numeric; Max Length = 1</p> <p>1- 8th grade or less</p> <p>2- 9th-12th grade, no diploma</p> <p>3- High school graduate or GED</p> <p>4- Some college, no degree</p> <p>5- Associate degree</p> <p>6- Bachelor's degree</p> <p>7- Master's degree</p> <p>8- Doctorate or Professional degree</p> <p>9 - Unknown</p>	educ_mom	<p>***2003-2016***</p> <p>1 - 8th grade or less (see dadle8ed, field 201)</p> <p>2 - 9th-12th grade, no diploma</p> <p>3 - High school graduate or GED</p> <p>4 - Some college, no degree</p> <p>5 - Associate degree</p> <p>6 - Bachelor's degree</p> <p>7 - Master's degree</p> <p>8 - Doctorate or Professional degree</p> <p>9 - Unknown (09 or 99?)</p> <p>***1992-2002***</p> <p>00 - No education</p> <p>01 - Completed first grade</p> <p>02 - Completed second grade</p> <p>03 - Completed third grade</p> <p>04 - Completed fourth grade</p> <p>05 - Completed fifth grade</p> <p>06 - Completed sixth grade</p> <p>07 - Completed seventh grade</p> <p>08 - Completed eighth grade</p>
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					<p>09 - Completed ninth grade</p> <p>10 - Completed tenth grade</p> <p>11 - Completed eleventh grade</p> <p>12 - High school graduate</p> <p>13 - Completed 1 year of college</p> <p>14 - Completed 2 years of college</p> <p>15 - Completed 3 years of college</p> <p>16 - College graduate</p> <p>17 - Post graduate work</p> <p>99 - Unknown/Not stated</p>
83	Mother Educ 8th Grade or Less	Mother's Education Years If LE 8th Grade	Numeric; Max Length = 1 0= No education 1= 1st grade 2= 2nd grade 3= 3rd grade 4= 4th grade 5= 5th grade 6= 6th grade 7= 7th grade 8= 8th grade 9= Unknown	momle8ed	<p>***1980 1991***</p> <p>***2003-2016***</p> <p>0 – No education</p> <p>1-8 – 1st – 8th grade</p> <p>9 – Unknown</p> <p>***1980-2002***</p> <p>Not Collected</p>
84	Father Date of Birth	Father's Date of Birth	Date: Max Length = 8 MM/DD/YY		
85	Father Calculated Age	Father's Age Before using this field, see "Data Quality Technical	Numeric; Max Length = 3 99 - Unknown/Not Stated	age_dad	99 - Unknown/Not Stated

		Notes - Age			
86	Father Birthplace State	Father's Birth State - Literal	Character; Max Length = 112		

87	Father Birthplace State FIPS	Father's Birthplace 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 LA - Louisiana ME - Maine MD - Maryland MA - Massachusetts MI - Michigan MN - Minnesota MS - Mississippi MO - Missouri MT - Montana NE - Nebraska NV - Nevada		
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			NH - New Hampshire NJ - New Jersey NM - New Mexico		
88	Father Birthplace Country	Father's Birth Country - Literal	NY New York Character; Max Length = 256		
89	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.

91	Father Race Black	Father's 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 ***1980-2002*** Not Collected. See race dad.
92	Father Race Amer Indian Alaskan	Father's Race, American Indian/Alaska Native	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.
93	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.

94	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.
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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	Father's Race, Guamanian or Chamorro	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	Father's Race Literal 2, Other Asian	Character; Max Length = 120		
109	Father Race Other PI 1	Father's Race Literal 1, Other Pacific Islander	Character; Max Length = 120		
110	Father Race Other PI 2	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 Race NCHS Ecode 2	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 Race NCHS Ecode 5	Father's Race Tabulation from Checkboxes, 5	Character; Max Length = 3		
118	Father Race NCHS Ecode 6	Father's Race Tabulation from Checkboxes, 6	Character; Max Length = 3		
119	Father Race NCHS Ecode 7	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 Race NCHS Ccode 1	Father's Race Tabulation from Literals, 1	Character; Max Length = 3		

122	Father Race NCHS Ccode 2	Father's Race Tabulation from Literals, 2	Character; Max Length = 3		
123	Father Race NCHS Ccode 3	Father's Race Tabulation from Literals, 3	Character; Max Length = 3		
124	Father Race NCHS Ccode 4	Father's Race Tabulation from Literals, 4	Character; Max Length = 3		
125	Father Race NCHS Ccode 5	Father's Race Tabulation from Literals, 5	Character; Max Length = 3		
126	Father Race NCHS Ccode 6	Father's Race Tabulation from Literals, 6	Character; Max Length = 3		
127	Father Race NCHS Ccode 7	Father's Race Tabulation from Literals, 7	Character; Max Length = 3		
128	Father Race NCHS Ccode 8	Father's Race Tabulation from Literals, 8	Character; Max Length = 3		

129	Father Bridge Race	Father's NCHS Bridged Race	<p>Character; Max Length = 2</p> <p>Note: for the race codes below, AIAN = American Indian/Alaska Native</p> <p>Single race specified</p> <p>1 – White</p> <p>2 – Black</p> <p>3 – AIAN</p> <p>4 – Asian</p> <p>5 – Chinese</p> <p>6 - Filipino</p> <p>7 - Japanese</p> <p>8 - Korean</p> <p>9 - Vietnamese</p> <p>0 – Other Asian</p> <p>1 – Native Hawaiian</p> <p>2 – Guamanian or Chamorro</p> <p>3 - Samoan</p> <p>4 – Other Pacific Islander</p> <p>15 - Other</p> <p>Bridged multiple specified race</p> <p>21– White</p> <p>22– Black</p> <p>23– AIAN</p> <p>24– Asian or Pacific Islander</p>		
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130	Father Race Calculation	Father's Race Calculation 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 - 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 Blank – Not processed by NCHS	race_dad	<p>***2003-2016*** Uses race assigned by NCHS bridging methods (see Data Quality Technical Notes for description). Coding same as in previous years, plus: Blank – Not processed by NCHS</p> <p>***1992-2002*** 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 - Hawaiian - Other Asian/Pacific Islander - Mexican/Chicano/Hispanic - Asian - Korean - Samoan - Vietnamese H - Guamanian</p> <p>***1988-1991*** 1- White 2- Black 3- Native American 4- Chinese 5- Japanese 6- Other Non-White</p>
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7 Filipino

131	Father Race Summary Code	Father's Summary Race	<p>Numeric; Max Length = 2</p> <p>Single race</p> <p>10 - White</p> <p>11 - Black</p> <p>12 - American Indian/Alaska Native</p> <p>13 - Asian</p> <p>14 - Native Hawaiian or Pacific Islander</p> <p>Two races</p> <p>- White and Black</p> <p>- White and American Indian/Alaska Native</p> <p>- White and Asian</p> <p>- White and Native Hawaiian or Pacific Islander</p> <p>- Black and American Indian/Alaska Native</p> <p>- Black and Asian</p> <p>- Black and Native Hawaiian or Pacific Islander</p> <p>- American Indian/Alaska Native and Asian</p> <p>- American Indian/Alaska Native and Native Hawaiian or Pacific Islander</p>	faracsum	<p>Note: for the race codes below, AIAN = American Indian/Alaska Native; NHOPI = Native Hawaiian or Other Pacific Islander.</p> <p>***2003-2016***</p> <p>Single race</p> <ul style="list-style-type: none"> - White only - Black only - AIAN only - Asian only - NHOPI only <p>Two races</p> <ul style="list-style-type: none"> - White, Black - White, AIAN - White, Asian - White, NHOPI - Black, AIAN - Black, Asian - Black, NHOPI - AIAN, Asian - AIAN, NHOPI - Asian, NHOPI <p>Three races</p> <ul style="list-style-type: none"> - White, Black, AIAN - White, Black, Asian - White, Black, NHOPI - White, AIAN, Asian - White, AIAN, NHOPI - White, Asian, NHOPI - Black, AIAN, Asian
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			<ul style="list-style-type: none"> - 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 		<ul style="list-style-type: none"> - Black, AIAN, NHOPI - Black, Asian, NHOPI
132	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.
133	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.
135	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.
137	Father Hispanic Other Specify	Father's Hispanic Origin,	Character; Max Length = 20		

		Other Hispanic Literal			
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138	Father Hispanic NCHS Ecode	Father's Hispanic Tabulation from Checkboxes	Numeric; Max Length = 3		
139	Father Hispanic NCHS Ccode	Father's Hispanic Tabulation from Literal	Numeric; Max Length = 3		
140	Father Hispanic	Father'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)."	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_dad	***1996-2016*** 0 - Non- Hispanic 1 - Mexican 2 - Puerto Rican 3 - Cuban 4 - Central or South American 5 - 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

141	Father Education	Father's Education Level Highest grade completed by the father.	<p>Numeric; Max Length = 1</p> <p>1 - 8th grade or less</p> <p>2 - 9th-12th grade, no diploma</p> <p>3 - High school graduate or GED</p> <p>4 - Some college, no degree</p> <p>5 - Associate degree</p> <p>6 - Bachelor's degree</p> <p>7 - Master's degree</p> <p>8 - Doctorate or Professional degree</p> <p>9 - Unknown</p>	educ_dad	<p>***2003-2016***</p> <p>01 - 8th grade or less (see dadle8ed, field 201)</p> <p>02 - 9th-12th grade, no diploma</p> <p>03 - High school graduate or GED</p> <p>04 - Some college, no degree</p> <p>05 - Associate degree</p> <p>06 - Bachelor's degree</p> <p>07 - Master's degree</p> <p>08 - Doctorate or Professional degree</p> <p>09 - Unknown (09 or 99?)</p> <p>***1992-2002***</p> <p>00 - No education</p> <p>01 - Completed first grade</p> <p>02 - Completed second grade</p> <p>03 - Completed third grade</p> <p>04 - Completed fourth grade</p> <p>05 - Completed fifth grade</p> <p>06 - Completed sixth grade</p> <p>07 - Completed seventh grade</p> <p>08 - Completed eighth grade</p>
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					<p>09 - Completed ninth grade</p> <p>10 - Completed tenth grade</p> <p>11 - Completed eleventh grade</p> <p>12 - High school graduate</p> <p>13 - Completed 1 year of college</p> <p>14 - Completed 2 years of college</p> <p>15 - Completed 3 years of college</p> <p>16 - College graduate</p> <p>17 - Post graduate work</p> <p>99 - Unknown/Not stated</p>
142	Father Educ 8th Grade or Less	Father's Education Years If LE 8th Grade	Numeric; Max Length = 1 0 - No education 1 - 1st grade 2 - 2nd grade 3 - 3rd grade 4 - 4th grade 5 - 5th grade 6 - 6th grade 7 - 7th grade 8 - 8th grade 9 - Unknown	dadle8ed	<p>***1980 1991***</p> <p>***2003-2016***</p> <p>0 – No education</p> <p>1-8 – 1st – 8th grade</p> <p>9 – Unknown</p> <p>***1980-2002***</p> <p>Not Collected</p>
143	Mother Height Feet	Mother's Height, Feet	Numeric; Max Length = 1 09 - Unknown/Not Stated	ht_ft	<p>***2003-2016***</p> <p>9 – Unknown</p> <p>***1980-2002***</p> <p>Not Collected</p>

144	Mother Height Inches	Mother's Height, Inches	Numeric; Max Length = 2 99 - Unknown/Not Stated	ht_in	***2003-2016*** 99 - Unknown ***1980-2002*** Not Collected
145	Mother Weight Prior	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	***1992-2016*** 999 - Unknown ***1980-1991*** 999 - Not Collected
146	Mother Weight at Delivery	Mother's Weight At Delivery Number of pounds Mother weighed at delivery. Only whole number is kept. Before using this field, see	Numeric; Max Length = 3 999 - Unknown/Not Stated	wghtdelv	***2003-2016*** 999 - Unknown ***1980-2002*** Not Collected

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

		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	Packs of Cigarettes Smoked 3 Months Before Preg	Numeric; Max Length = 4		
151	Cigarettes Smoked 1st Tri	Number Cigarettes Smoked during 1st Trimester	Numeric; Max Length = 4	cigs_1 st	

152	Packs Smoked 1st Tri	Packs of Cigarettes Smoked during 1st Trimester	Numeric; Max Length = 4		
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153	Cigarettes Smoked 2nd Tri	Number Cigarettes Smoked during 2nd Trimester	Numeric; Max Length = 4	cigs_2 nd	
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 rd	
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	<p>***2003-2016*** N - Not Transferred Y - Yes U - Unknown</p> <p>***1989-2002*** 0 - Not Transferred 1 - Birth Center 2 - Home 3 - Other 8 - Yes, Not Specified 9 - Unknown</p> <p>***1980-1988*** Blank Field - Not Collected</p>

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

162	First Prenatal Visit Day	First Prenatal Visit Day	Character; Max Length = 2 DD	fpv_da	88=No Prenatal Care
163	First Prenatal Visit Year	First Prenatal Visit Year	Character; Max Length = 4 YYYY	fpv_yr	
164	Date Last Prenatal Visit	Date Last Prenatal Visit	Character; Max Length = 10 MM/DD/YYYY	lpvmd4y	
165	Last Prenatal Visit Month	Last Prenatal Visit Month	Character; Max Length = 2 MM	lpv_mo	88=No Prenatal Care
166	Last Prenatal Visit Day	Last Prenatal Visit Day	Character; Max Length = 2 DD	lpv_da	88=No Prenatal Care
167	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." As of 2003, this field is	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
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		calculated from date of first prenatal visit and menses date.			
169	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	pnatfed	***2011-2016*** 999 - Unknown
170	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	pnatalvs	***1993-2016*** 000 - None 099 - Unknown/Not Stated ***1980-1992*** 000 - None 095 - Some 099 - Unknown/Not Stated

171	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	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	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	***1989-2016*** 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	llb_mo	
174	Last Live Birth Year	Last Live Birth Year	Numeric; Max Length = 4 YYYY	llb_yr	
175	Other Preg Outcomes	Other Pregnancy 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	Other Preg Outcomes Month	Numeric; Max Length = 2 MM	oth_mo	
177	Other Preg Outcomes Year	Other Preg Outcomes Year	Numeric; Max Length = 4 YYYY	oth_yr	

178	Date Last Menses	Date of Last Normal Menses	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	Last Menses Year	Character; Max Length = 4 YYYY	mens_yr	
182	Gestation Estimate	Gestation Estimate in Weeks In weeks as estimated by the physician at the time of the delivery. Before using this field, see "Data Quality Technical Notes - Gestational Age – Calculated and Clinical 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 ***1980-1988*** 000 - Not Collected

183	Calculated Gestation	Calculated Gestation in Weeks Calculated from the date of birth and last menses date (mensdate) or from gestational estimate. Before using this field, see "Data Quality Technical Notes – Gestational Age – Calculated and Clinical Estimate."	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 99 - Missing, Not able to calculate
184	Gestation Calculated Flag	Gestation, Calculated Flag Indicates whether the calculated Gestation (gestcalc) field was calculated based on last menses date or estimated based on birth weight.	Character; Max Length = 1 0 - Gestation was calculated based on DOB and last menses date 1 - Gestation was based on clinical estimate of gestation. 9 - Gestation could not be calculated or estimated	gestflag	***2003-2016*** 0 - 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 ***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 Diabetes	Medical Risk Factor, Diabetes, Prepregnancy	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, diabetes	<p><u>Diabetes</u> ***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</p> <p><u>Medical Risk Factors</u> ***2003-2016*** 01 - Diabetes 02 - Hypertension 03 – Previous Preterm Births</p>

					<p>04 – Other Previous Poor Pregnancy Outcome</p> <p>05 – Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>06 – Pregnancy Resulted from Infertility Treatment</p> <p>07 – Mother Had a Previous Cesarean Delivery</p> <p>08 – Group B Streptococcus Culture</p>
186	Gestational Diabetes	Medical Risk Factor, Diabetes, Gestational	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, diabetes	<p>Positive Diabetes</p> <p>***2003-2016***</p> <p>E - Prepregnancy</p> <p>G – Gestational</p> <p>U – Unknown</p> <p>Blank - No Diabetes</p> <p>***mid 1992-2002***</p> <p>E - Established</p> <p>G - Gestational</p> <p>Blank - No Diabetes</p> <p>***1989-mid 1992***</p> <p>E - Established</p> <p>G - Gestational</p> <p>U - Unknown whether Established or Gestational</p> <p>Blank - No Diabetes</p> <p>***1980-1988***</p>

					<p>Blank Field - Not Collected</p> <p><u>Medical Risk Factors</u></p> <p>***2003-2016***</p> <p>01 - Diabetes</p> <p>02 - Hypertension</p> <p>03 – Previous Preterm Births</p> <p>04 – Other Previous Poor Pregnancy Outcome</p> <p>05 – Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>06 – Pregnancy Resulted from Infertility Treatment</p> <p>07 – Mother Had a Previous Cesarean Delivery</p> <p>08 – Group B Streptococcus Culture</p>
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Positive

<p>187</p>	<p>Prepreg Hypertension</p>	<p>Medical Risk Factor, Hypertension, Prepregnancy</p>	<p>Character; Max Length = 1 Y - Yes N - No U - Unknown</p>	<p>mrf1 - mrf6, hyperflg</p>	<p><u>Hypertension Flag</u> ***2003-2016*** E - Prepregnancy G – Gestational U – Unknown Blank – No hypertension</p> <p>***1980-2002*** Not Collected. See individual medical risk factors (fields #59-64).</p> <p><u>Medical Risk Factors</u> ***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</p> <p>***1992-2002*** 01 - Anemia (HCT.<30/HGH.<10) 02 - Cardiac Disease</p>
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					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	<p>04 <u>Diabetes Hypertension Flag</u> ***2003-2016*** E - Prepregnancy G – Gestational U – Unknown Blank – No hypertension</p> <p>***1980-2002*** Not Collected. See individual medical risk factors (fields #59-64).</p> <p><u>Medical Risk Factors</u> ***2003-2016*** 01 - Diabetes 02 - Hypertension 03 – Previous Preterm Births 04 – Other Previous Poor Pregnancy</p>

					<p>Outcome</p> <p>05 – Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>06 – Pregnancy Resulted from Infertility Treatment</p> <p>07 – Mother Had a Previous Cesarean Delivery</p> <p>08 – Group B Streptococcus Culture Positive</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT.<30/HGH.<10)</p> <p>02 - Cardiac Disease</p> <p>03 - Acute or Chronic Lung Disease</p> <p>04 Diabetes</p>
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<p>189</p>	<p>Hypertension Eclampsia</p>	<p>Medical Risk Factor, Hypertension, Eclampsia</p>	<p>Character; Max Length = 1 Y - Yes N - No U - Unknown</p>	<p>mrf1 - mrf6</p>	<p>***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) 02 - Cardiac Disease 03 - Acute or Chronic Lung Disease 04 - Diabetes 05 - Genital Herpes 06 - Polyhydramnios 07 - Oligohydramnios</p>
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					<p>08 - Hemoglobinopathy</p> <p>09 - Chronic Hypertension</p> <p>10 - Hypertension, Pregnancy-Associated</p> <p>11 - Eclampsia</p> <p>12 - Incompetent Cervix</p> <p>13 - Previous Infant 4000+ Grams</p> <p>14 - Previous Preterm or Small-For-</p>
190	Preterm Births	Medical Risk Factor, Previous Preterm Birth	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>Gestational A e Infant ***2003-2016***</p> <p>01 - Diabetes</p> <p>02 - Hypertension</p> <p>03 – Previous Preterm Births</p> <p>04 – Other Previous Poor Pregnancy Outcome</p> <p>05 – Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>06 – Pregnancy Resulted from Infertility Treatment</p> <p>07 – Mother Had a Previous Cesarean Delivery</p> <p>08 – Group B Streptococcus Culture</p>

					<p>Positive</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT.<30/HGH.<10)</p> <p>02 - Cardiac Disease</p> <p>03 - Acute or Chronic Lung Disease</p> <p>04 - Diabetes</p> <p>05 - Genital Herpes</p> <p>06 - Polyhydramnios</p> <p>07 - Oligohydramnios</p> <p>08 - Hemoglobinopathy</p> <p>09 - Chronic Hypertension</p> <p>10 - Hypertension, Pregnancy-Associated</p> <p>11 - Eclampsia</p> <p>12 - Incompetent Cervix</p> <p>13 - Previous Infant 4000+ Grams</p> <p>14 - Previous Preterm or Small-For-Gestational Age Infant</p>
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191	Poor Preg Outcomes	Medical Risk Factor, Other Previous Poor Pregnancy Outcomes	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>***2003-2016***</p> <p>01 - Diabetes</p> <p>02 - Hypertension</p> <p>03 - Previous Preterm Births</p> <p>04 - Other Previous Poor Pregnancy Outcome</p> <p>05 - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>06 - Pregnancy Resulted from Infertility Treatment</p> <p>07 - Mother Had a Previous Cesarean Delivery</p> <p>08 - Group B Streptococcus Culture Positive</p> <p>09 - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT.<30/HGH.<10)</p> <p>02 - Cardiac Disease</p> <p>03 - Acute or Chronic Lung Disease</p> <p>04 - Diabetes</p> <p>05 - Genital Herpes</p> <p>06 - Polyhydramnios</p> <p>07 - Oligohydramnios</p>
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					<p>08 - Hemoglobinopathy</p> <p>09 - Chronic Hypertension</p> <p>10 - Hypertension, Pregnancy-Associated</p> <p>11 - Eclampsia</p> <p>12 - Incompetent Cervix</p> <p>13 - Previous Infant 4000+ Grams</p> <p>14 - Previous Preterm or Small-For-</p>
192	Vaginal Bleeding	Medical Risk Factor, Vaginal Bleeding	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>Gestational A e Infant ***2003-2016***</p> <p>01 - Diabetes</p> <p>02 - Hypertension</p> <p>03 - Previous Preterm Births</p> <p>04 - Other Previous Poor Pregnancy Outcome</p> <p>05 - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>06 - Pregnancy Resulted from Infertility Treatment</p> <p>07 - Mother Had a Previous Cesarean Delivery</p>

					<p>08 – Group B Streptococcus Culture Positive</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT.<30/HGH.<10)</p> <p>02 - Cardiac Disease</p> <p>03 - Acute or Chronic Lung Disease</p> <p>04 - Diabetes</p> <p>05 - Genital Herpes</p> <p>06 - Polyhydramnios</p> <p>07 - Oligohydramnios</p> <p>08 - Hemoglobinopathy</p> <p>09 - Chronic Hypertension</p> <p>10 - Hypertension, Pregnancy- Associated</p> <p>11 - Eclampsia</p> <p>12 - Incompetent Cervix</p> <p>13 - Previous Infant 4000+ Grams</p>
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14 Previous
Preterm or
Small For

<p>193</p>	<p>Fertility Treatment</p>	<p>Medical Risk Factor, Infertility Treatments, Drugs</p>	<p>Character; Max Length = 1 Y - Yes N - No U - Unknown</p>	<p>mrf1 - mrf6</p>	<p>***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) 02 - Cardiac Disease 03 - Acute or Chronic Lung Disease 04 - Diabetes 05 - Genital Herpes 06 - Polyhydramnios 07 - Oligohydramnios</p>
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					<p>08 - Hemoglobinopathy</p> <p>09 - Chronic Hypertension</p> <p>10 - Hypertension, Pregnancy-Associated</p> <p>11 - Eclampsia</p> <p>12 - Incompetent Cervix</p> <p>13 - Previous Infant 4000+ Grams</p> <p>14 - Previous Preterm or Small-For-</p>
194	Assisted Reproduction	Medical Risk Factor, Infertility Treatments, ART	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>Gestational A e Infant ***2003-2016***</p> <p>01 - Diabetes</p> <p>02 - Hypertension</p> <p>03 - Previous Preterm Births</p> <p>04 - Other Previous Poor Pregnancy Outcome</p> <p>05 - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>06 - Pregnancy Resulted from Infertility Treatment</p> <p>07 - Mother Had a Previous Cesarean Delivery</p> <p>08 - Group B Streptococcus Culture</p>

					<p>Positive</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT.<30/HGH.<10)</p> <p>02 - Cardiac Disease</p> <p>03 - Acute or Chronic Lung Disease</p> <p>04 - Diabetes</p> <p>05 - Genital Herpes</p> <p>06 -</p> <p>Polyhydramnios</p> <p>07 -</p> <p>Oligohydramnios</p> <p>08 -</p> <p>Hemoglobinopathy</p> <p>09 - Chronic Hypertension</p> <p>10 -</p> <p>Hypertension, Pregnancy-Associated</p> <p>11 - Eclampsia</p> <p>12 - Incompetent Cervix</p> <p>13 - Previous Infant 4000+ Grams</p> <p>14 - Previous Preterm or Small-For-</p>
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Gestational Age Infant

195	Previous Cesarean	Medical Risk Factor, Previous Cesarean Section	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>***2003-2016***</p> <p>01 - Diabetes</p> <p>02 - Hypertension</p> <p>03 - Previous Preterm Births</p> <p>04 - Other Previous Poor Pregnancy Outcome</p> <p>05 - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>06 - Pregnancy Resulted from Infertility Treatment</p> <p>07 - Mother Had a Previous Cesarean Delivery</p> <p>08 - Group B Streptococcus Culture Positive</p> <p>09 - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT.<30/HGH.<10)</p> <p>02 - Cardiac Disease</p> <p>03 - Acute or Chronic Lung Disease</p> <p>04 - Diabetes</p> <p>05 - Genital Herpes</p> <p>06 - Polyhydramnios</p> <p>07 - Oligohydramnios</p>
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					08 - Hemoglobinopathy 09 - Chronic Hypertension 10 - Hypertension, Pregnancy-Associated 11 - Eclampsia 12 - Incompetent Cervix 13 - Previous Infant 4000+ Grams 14 - Previous Preterm or Small-For-
196	Num Prev Cesarean	Medical Risk Factor, Number of Previous Cesarean Sections	Numeric; Max Length = 2 99 - Unknown	prev_cno	Gestational A e Infant

197	Group B Strep	Medical Risk Factor, Group B Strep	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>***2003-2016***</p> <p>01 - Diabetes</p> <p>02 - Hypertension</p> <p>03 - Previous Preterm Births</p> <p>04 - Other Previous Poor Pregnancy Outcome</p> <p>05 - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>06 - Pregnancy Resulted from Infertility Treatment</p> <p>07 - Mother Had a Previous Cesarean Delivery</p> <p>08 - Group B Streptococcus Culture Positive</p> <p>09 - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT.<30/HGH.<10)</p> <p>02 - Cardiac Disease</p> <p>03 - Acute or Chronic Lung Disease</p> <p>04 - Diabetes</p> <p>05 - Genital Herpes</p> <p>06 - Polyhydramnios</p> <p>07 - Oligohydramnios</p>
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					08 - Hemoglobinopathy 09 - Chronic Hypertension 10 - Hypertension, Pregnancy-Associated 11 - Eclampsia 12 - Incompetent Cervix 13 - Previous Infant 4000+ Grams 14 - Previous Preterm or Small-For-
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Gestational Age Infant

198	Risk Factors None	Medical Risk Factor, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	***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
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					08 – 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 05 - Genital Herpes 06 - Polyhydramnios 07 - Oligohydramnios 08 - Hemoglobinopathy 09 - Chronic Hypertension 10 - Hypertension, Pregnancy- Associated 11 - Eclampsia 12 - Incompetent Cervix 13 - Previous Infant 4000+ Grams 14 - Previous Preterm or Small-For-
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<p>199</p>	<p>Risk Factors Unknown</p>	<p>Medical Risk Factor, Unknown</p>	<p>Character; Max Length = 1 Y - Yes N - No U - Unknown</p>	<p>mrf1 - mrf6</p>	<p>Gestational A e Infant ***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) 02 - Cardiac Disease 03 - Acute or Chronic Lung Disease 04 - Diabetes 05 - Genital Herpes 06 - Polyhydramnios 07 - Oligohydramnios</p>
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					<p>08 - Hemoglobinopathy</p> <p>09 - Chronic Hypertension</p> <p>10 - Hypertension, Pregnancy-Associated</p> <p>11 - Eclampsia</p> <p>12 - Incompetent Cervix</p> <p>13 - Previous Infant 4000+ Grams</p> <p>14 - Previous Preterm or Small-For-</p>
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Gestational Age Infant

200	Gonorrhea	Maternal Infections, Gonorrhea	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2016***</p> <p>01 - Gonorrhea</p> <p>02 - Syphilis</p> <p>03 - Herpes Simplex Virus (HSV)</p> <p>04 - Chlamydia</p> <p>05 - Hepatitis B06 - Hepatitis C 07 - HIV Infection 08 - Other Specify:</p> <p>09 - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected</p>
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201	Syphilis	Maternal Infections, Syphilis	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2016***</p> <p>01 – Gonorrhea</p> <p>02 – Syphilis</p> <p>03 – Herpes Simplex Virus (HSV)</p> <p>04 – Chlamydia</p> <p>05 – Hepatitis B06 – Hepatitis C 07 – HIV Infection 08 – Other Specify:</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected</p>
202	Herpes	Maternal Infections, Herpes Simplex Virus (HSV)	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2016***</p> <p>01 – Gonorrhea</p> <p>02 – Syphilis</p> <p>03 – Herpes Simplex Virus (HSV)</p> <p>04 – Chlamydia</p> <p>05 – Hepatitis B06 – Hepatitis C 07 – HIV Infection 08 – Other Specify:</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected</p>

203	Chlamydia	Maternal Infections, Chlamydia	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2016***</p> <p>01 – Gonorrhea</p> <p>02 – Syphilis</p> <p>03 – Herpes Simplex Virus (HSV)</p> <p>04 – Chlamydia</p> <p>05 – Hepatitis B</p> <p>06 – Hepatitis C</p> <p>07 – HIV Infection</p> <p>08 – Other Specify:</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected</p>
204	Hep B	Maternal Infections, Hepatitis B	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2016***</p> <p>01 – Gonorrhea</p> <p>02 – Syphilis</p> <p>03 – Herpes Simplex Virus (HSV)</p> <p>04 – Chlamydia</p> <p>05 – Hepatitis B</p> <p>06 – Hepatitis C</p> <p>07 – HIV Infection</p> <p>08 – Other Specify:</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected</p>

205	Hep C	Maternal Infections, Hepatitis C	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2016***</p> <p>01 – Gonorrhea</p> <p>02 – Syphilis</p> <p>03 – Herpes Simplex Virus (HSV)</p> <p>04 – Chlamydia</p> <p>05 – Hepatitis B</p> <p>06 – Hepatitis C</p> <p>07 – HIV Infection</p> <p>08 – Other Specify:</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected</p>
206	HIV	Maternal Infections, HIV Infection	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2016***</p> <p>01 – Gonorrhea</p> <p>02 – Syphilis</p> <p>03 – Herpes Simplex Virus (HSV)</p> <p>04 – Chlamydia</p> <p>05 – Hepatitis B</p> <p>06 – Hepatitis C</p> <p>07 – HIV Infection</p> <p>08 – Other Specify:</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected</p>
207	Infections Other	Maternal Infections, Other	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2016***</p> <p>01 – Gonorrhea</p> <p>02 – Syphilis</p> <p>03 – Herpes Simplex Virus (HSV)</p> <p>04 – Chlamydia</p> <p>05 – Hepatitis B</p> <p>06 – Hepatitis C</p> <p>07 – HIV Infection</p>

					<p>– HIV Infection 08 –</p> <p>Other Specify:</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected</p>
208	Infections Other Specify	Maternal Infections, Other Literal Specify	Character; Max Length = 60		
209	Infections None	Maternal Infections, None of the Above	<p>Character; Max Length = 1</p> <p>Y - Yes</p> <p>N - No</p> <p>U - Unknown</p>	minfect1 - minfect7	<p>***2003-2016***</p> <p>01 – Gonorrhea</p> <p>02 – Syphilis</p> <p>03 – Herpes Simplex Virus (HSV)</p> <p>04 – Chlamydia</p> <p>05 – Hepatitis</p> <p>B06 – Hepatitis C</p> <p>07 – HIV Infection</p> <p>08 – Other Specify:</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected</p>
210	Infect Unknown	Maternal Infections, Unknown	<p>Character; Max Length = 1</p> <p>Y - Yes</p> <p>N - No</p> <p>U - Unknown</p>	minfect1 - minfect7	<p>***2003-2016***</p> <p>01 – Gonorrhea</p> <p>02 – Syphilis</p> <p>03 – Herpes Simplex Virus (HSV)</p> <p>04 – Chlamydia</p> <p>05 – Hepatitis</p> <p>B06 – Hepatitis C</p> <p>07 – HIV Infection</p> <p>08 – Other Specify:</p> <p>09 – None of the Above</p>

					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 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

					<p>***1989-1991***</p> <p>0 - None</p> <p>1 - Amniocentesis</p> <p>2 - Electronic Fetal Monitoring</p> <p>3 - Induction of Labor</p> <p>4 - Stimulation of Labor</p> <p>5 - Tocolysis</p> <p>6 - Ultrasound</p> <p>8 - Other</p> <p>9 - Unknown/Not Stated</p> <p>***1980-1988***</p>
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Blk N t C llt d

213	ECV Success	Obstetric Procedure, External Cephalic Version, Successful	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4, cephaflg	<p><u>External Cephalic Version Flag</u></p> <p>***2003-2016***</p> <p>N - No</p> <p>S - Successful</p> <p>F - Failed</p> <p>U - Unknown</p> <p>Y - Yes, result unspecified</p> <p>***1980-2002***</p> <p>Not Collected.</p> <p><u>Obstetric Procedures</u></p> <p>***2003-2016***</p> <p>1 - Cervical Cerclage</p> <p>2 - Tocolysis</p> <p>3 - External Cephalic Version</p> <p>4 - None of the above</p> <p>9 - Unknown/Not Stated</p>
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					<p>***1992-2002***</p> <p>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</p> <p>***1989-1991***</p> <p>0 - None 1 - Amniocentesis</p>
214	ECV Failed	Obstetric Procedure, External Cephalic Version, Failed	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4, cephaflg	<p>2 Ele troni Fetal Monitorin <u>External Cephalic Version Flag</u> ***2003-2016***</p> <p>N - No S - Successful F – Failed U - Unknown Y – Yes, result unspecified</p> <p>***1980-2002*** Not Collected.</p> <p><u>Obstetric Procedures</u> ***2003-2016***</p> <p>1 – Cervical Cerclage 2 - Tocolysis 3 – External Cephalic Version</p>

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

					<p>9 - Unknown/Not Stated</p> <p>***1989-1991***</p> <p>0 - None</p> <p>1 - Amniocentesis</p> <p>2 - Electronic Fetal Monitoring</p> <p>3 - Induction of Labor</p> <p>4 - Stimulation of Labor</p> <p>5 - Tocolysis</p> <p>6 - Ultrasound</p> <p>8 - Other</p> <p>9 - Unknown/Not Stated</p> <p>***1980-1988***</p>
216	Obstet Proc Unknown	Obstetric Procedure, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4	<p>Blk N t C llt d</p> <p>***2003-2016***</p> <p>1 - Cervical Cerclage</p> <p>2 - Tocolysis</p> <p>3 - External Cephalic Version</p> <p>4 - None of the above</p> <p>9 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>1 - Amniocentesis</p> <p>2 - Electronic Fetal Monitoring</p> <p>3 - Induction of Labor</p> <p>4 - Stimulation of Labor</p> <p>5 - Tocolysis</p> <p>6 - Ultrasound</p> <p>7 - None</p> <p>8 - Other</p> <p>9 - Unknown/Not Stated</p>

					<p>***1989-1991***</p> <p>0 - None</p> <p>1 - Amniocentesis</p> <p>2 - Electronic Fetal Monitoring</p> <p>3 - Induction of Labor</p> <p>4 - Stimulation of Labor</p> <p>5 - Tocolysis</p> <p>6 - Ultrasound</p> <p>8 - Other</p> <p>9 - Unknown/Not Stated</p> <p>***1980-1988***</p>
217	Ruptured Membranes	Onset of Labor, Premature Rupture of Membranes	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	<p>Blk N t C llt d</p> <p>***2003-2016***</p> <p>01 – Premature Rupture of the Membranes (Prolonged, >=12hr)</p> <p>02 – Precipitous Labor (<3hr)</p> <p>03 – Prolonged Labor (>=20hr)</p> <p>04 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p>

2 Electronic Fetal Monitoring Not collected.

218	Precipitous Labor	Onset of Labor, Precipitous Labor	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	<p>***2003-2016***</p> <p>01 – Premature Rupture of the Membranes (Prolonged, >=12hr)</p> <p>02 – Precipitous Labor (<3hr)</p> <p>03 – Prolonged Labor (>=20hr)</p> <p>04 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002*** Not collected.</p>
219	Prolonged Labor	Onset of Labor, Prolonged Labor	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	<p>***2003-2016***</p> <p>01 – Premature Rupture of the Membranes (Prolonged, >=12hr)</p> <p>02 – Precipitous Labor (<3hr)</p> <p>03 – Prolonged Labor (>=20hr)</p> <p>04 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002*** Not collected.</p>
220	Labor Onset None	Onset of Labor, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	<p>***2003-2016***</p> <p>01 – Premature Rupture of the Membranes (Prolonged, >=12hr)</p> <p>02 – Precipitous Labor (<3hr)</p> <p>03 – Prolonged Labor (>=20hr)</p>

					<p>04 – None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected.</p>
221	Labor Onset Unknown	Onset of Labor, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	labons1 - labons3	<p>***2003-2016*** 01 – Premature Rupture of the Membranes (Prolonged, >=12hr) 02 – Precipitous Labor (<3hr) 03 – Prolonged Labor (>=20hr) 04 – None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected.</p>
222	Induction	Characteristics of Labor and Delivery, Induction of Labor	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	<p>***2003-2016*** 01 – Induction of Labor 02 – Augmentation of Labor 03 – Non-Vertex Presentation 04 – Epidural or Spinal Anesthesia during Labor 05 – Steroids (glucocorticoids) Received by the Mother Prior to Delivery 06 – Antibiotics Received by the Mother during Labor</p>

					<p>07 – Clinical Chorioamnionitis Diagnosed During Labor or Maternal Temperature $\geq 88^{\circ}\text{C}$ (100.4°F)</p> <p>08 – Moderate/Heavy Meconium Staining of the Amniotic Fluid</p> <p>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</p> <p>10 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002*** Not collected. See 'Complications of Labor and/or Delivery' (Field #81- 87).</p>
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223	Augmentation	Characteristics of Labor and Delivery, Augmentation of Labor	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	<p>***2003-2016***</p> <p>01 – Induction of Labor</p> <p>02 –</p> <p>Augmentation of Labor</p> <p>03 – Non-Vertex Presentation</p> <p>04 – Epidural or Spinal Anesthesia during Labor</p> <p>05 – Steroids (glucocorticoids) Received by the Mother Prior to Delivery</p> <p>06 – Antibiotics Received by the Mother during Labor</p> <p>07 – Clinical Chorioamnionitis Diagnosed During Labor or Maternal Temperature >=88OC (100.40F)</p> <p>08 – Moderate/Heavy Meconium Staining of the Amniotic Fluid</p> <p>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</p> <p>10 – None of the Above</p>
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					<p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected. See 'Complications of Labor and/or Delivery' (Field #81-87).</p>
224	Non Vertex Presentation	Characteristics of Labor and Delivery, Non-vertex Presentation	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	<p>***2003-2016***</p> <p>01 – Induction of Labor</p> <p>02 – Augmentation of Labor</p> <p>03 – Non-Vertex Presentation</p> <p>04 – Epidural or Spinal Anesthesia during Labor</p> <p>05 – Steroids (glucocorticoids) Received by the Mother Prior to Delivery</p> <p>06 – Antibiotics Received by the Mother during Labor</p> <p>07 – Clinical Chorioamnionitis Diagnosed During Labor or Maternal</p>

					<p>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</p> <p>***1980-2002*** Not collected. See 'Complications of Labor and/or Delivery' (Field #81- 87).</p>
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225	Anesthesia	Characteristics of Labor and Delivery, Anesthesia During Labor	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	<p>***2003-2016***</p> <p>01 – Induction of Labor</p> <p>02 – Augmentation of Labor</p> <p>03 – Non-Vertex Presentation</p> <p>04 – Epidural or Spinal Anesthesia during Labor</p> <p>05 – Steroids (glucocorticoids) Received by the Mother Prior to Delivery</p> <p>06 – Antibiotics Received by the Mother during Labor</p> <p>07 – Clinical Chorioamnionitis Diagnosed During Labor or Maternal Temperature $\geq 38.0^{\circ}\text{C}$ (100.4°F)</p> <p>08 – Moderate/Heavy Meconium Staining of the Amniotic Fluid</p> <p>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</p> <p>10 – None of the Above</p>
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					<p>99 - Unknown/Not Stated</p> <p>***1980-2002*** Not collected. See 'Complications of Labor and/or Delivery' (Field #81-87).</p>
226	Steroids	Characteristics of Labor and Delivery, Steroids for Fetal Lung	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	<p>***2003-2016***</p> <p>01 – Induction of Labor</p> <p>02 – Augmentation of Labor</p> <p>03 – Non-Vertex Presentation</p> <p>04 – Epidural or Spinal Anesthesia during Labor</p> <p>05 – Steroids (glucocorticoids) Received by the Mother Prior to Delivery</p> <p>06 – Antibiotics Received by the Mother during Labor</p> <p>07 – Clinical Chorioamnionitis Diagnosed During Labor or Maternal</p>

					<p>Temperature >=88OC (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</p> <p>***1980-2002*** Not collected. See 'Complications of Labor and/or Delivery' (Field #81- 87).</p>
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227	Antibiotics	Characteristics of Labor and Delivery, Antibiotics Received by Mother	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	<p>***2003-2016***</p> <p>01 – Induction of Labor</p> <p>02 – Augmentation of Labor</p> <p>03 – Non-Vertex Presentation</p> <p>04 – Epidural or Spinal Anesthesia during Labor</p> <p>05 – Steroids (glucocorticoids) Received by the Mother Prior to Delivery</p> <p>06 – Antibiotics Received by the Mother during Labor</p> <p>07 – Clinical Chorioamnionitis Diagnosed During Labor or Maternal Temperature $\geq 38.0^{\circ}\text{C}$ (100.4°F)</p> <p>08 – Moderate/Heavy Meconium Staining of the Amniotic Fluid</p> <p>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</p> <p>10 – None of the Above</p>
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					<p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected. See 'Complications of Labor and/or Delivery' (Field #81-87).</p>
228	Chorioamnionitis	Characteristics of Labor and Delivery, Chorioamnionitis Diagnosed	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	<p>***2003-2016***</p> <p>01 – Induction of Labor</p> <p>02 – Augmentation of Labor</p> <p>03 – Non-Vertex Presentation</p> <p>04 – Epidural or Spinal Anesthesia during Labor</p> <p>05 – Steroids (glucocorticoids) Received by the Mother Prior to Delivery</p> <p>06 – Antibiotics Received by the Mother during Labor</p> <p>07 – Clinical Chorioamnionitis Diagnosed During Labor or Maternal</p>

					<p>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</p> <p>***1980-2002*** Not collected. See 'Complications of Labor and/or Delivery' (Field #81-87).</p>
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229	Meconium Stain	Characteristics of Labor and Delivery, Meconium Staining	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	<p>***2003-2016***</p> <p>01 – Induction of Labor</p> <p>02 – Augmentation of Labor</p> <p>03 – Non-Vertex Presentation</p> <p>04 – Epidural or Spinal Anesthesia during Labor</p> <p>05 – Steroids (glucocorticoids) Received by the Mother Prior to Delivery</p> <p>06 – Antibiotics Received by the Mother during Labor</p> <p>07 – Clinical Chorioamnionitis Diagnosed During Labor or Maternal Temperature $\geq 38.0^{\circ}\text{C}$ (100.4°F)</p> <p>08 – Moderate/Heavy Meconium Staining of the Amniotic Fluid</p> <p>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</p> <p>10 – None of the Above</p>
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					<p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected. See 'Complications of Labor and/or Delivery' (Field #81-87).</p>
230	Fetal Intolerance	Characteristics of Labor and Delivery, Fetal Intolerance of Labor	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	<p>***2003-2016***</p> <p>01 – Induction of Labor</p> <p>02 – Augmentation of Labor</p> <p>03 – Non-Vertex Presentation</p> <p>04 – Epidural or Spinal Anesthesia during Labor</p> <p>05 – Steroids (glucocorticoids) Received by the Mother Prior to Delivery</p> <p>06 – Antibiotics Received by the Mother during Labor</p> <p>07 – Clinical Chorioamnionitis Diagnosed During Labor or Maternal</p>

					<p>Temperature >=880C (100.40F)</p> <p>08 – Moderate/Heavy Meconium Staining of the Amniotic Fluid</p> <p>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</p> <p>10 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected. See 'Complications of Labor and/or Delivery' (Field #81-87).</p>
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231	Mat Labor Characteristics None	Characteristics of Labor and Delivery, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	<p>***2003-2016***</p> <p>01 – Induction of Labor</p> <p>02 – Augmentation of Labor</p> <p>03 – Non-Vertex Presentation</p> <p>04 – Epidural or Spinal Anesthesia during Labor</p> <p>05 – Steroids (glucocorticoids) Received by the Mother Prior to Delivery</p> <p>06 – Antibiotics Received by the Mother during Labor</p> <p>07 – Clinical Chorioamnionitis Diagnosed During Labor or Maternal Temperature $\geq 38.0^{\circ}\text{C}$ (100.4°F)</p> <p>08 – Moderate/Heavy Meconium Staining of the Amniotic Fluid</p> <p>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</p> <p>10 – None of the Above</p>
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					<p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected. See 'Complications of Labor and/or Delivery' (Field #81-87).</p>
232	Mat Labor Characteristics Unk	Characteristics of Labor and Delivery, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	labchar1 - labchar7	<p>***2003-2016***</p> <p>01 – Induction of Labor</p> <p>02 – Augmentation of Labor</p> <p>03 – Non-Vertex Presentation</p> <p>04 – Epidural or Spinal Anesthesia during Labor</p> <p>05 – Steroids (glucocorticoids) Received by the Mother Prior to Delivery</p> <p>06 – Antibiotics Received by the Mother during Labor</p> <p>07 – Clinical Chorioamnionitis Diagnosed During Labor or Maternal</p>

					<p>Temperature >=88OC (100.40F)</p> <p>08 – Moderate/Heavy Meconium Staining of the Amniotic Fluid</p> <p>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</p> <p>10 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected. See 'Complications of Labor and/or Delivery' (Field #81-87).</p>
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233	Maternal Transfusion	Maternal Morbidity, Maternal Transfusion	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	<p>***2003-2016***</p> <p>01 – Maternal Transfusion</p> <p>02 – Third or Fourth Degree Perineal Laceration</p> <p>03 – Ruptured Uterus</p> <p>04 – Unplanned Hysterectomy</p> <p>05 – Admission to Intensive Care Unit</p> <p>06 – Unplanned Operating Room Procedure Following Delivery</p>
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					<p>07 – None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected.</p>
234	Perineal Laceration	Maternal Morbidity, Perineal Laceration	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	<p>***2003-2016*** 01 – Maternal Transfusion 02 – Third or Fourth Degree Perineal Laceration 03 – Ruptured Uterus 04 – Unplanned Hysterectomy 05 – Admission to Intensive Care Unit 06 – Unplanned Operating Room Procedure Following Delivery 07 – None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected.</p>
235	Ruptured Uterus	Maternal Morbidity, Ruptured Uterus	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	<p>***2003-2016*** 01 – Maternal Transfusion 02 – Third or Fourth Degree Perineal Laceration 03 – Ruptured Uterus 04 – Unplanned Hysterectomy</p>

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

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

					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*** 01 – Maternal Transfusion 02 – Third or Fourth Degree Perineal Laceration 03 – Ruptured Uterus 04 – Unplanned Hysterectomy 05 – Admission to Intensive Care Unit 06 – Unplanned Operating Room Procedure Following Delivery 07 – 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*** 01 – Maternal Transfusion 02 – Third or Fourth Degree Perineal Laceration 03 – Ruptured Uterus 04 – Unplanned Hysterectomy 05 – Admission to Intensive Care Unit

					<p>06 – Unplanned Operating Room Procedure Following Delivery</p> <p>07 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002*** Not collected.</p>
241	Attempt Forceps	Method of Delivery, Forceps Failed Indicates whether forceps delivery was attempted but unsuccessful.	Character; Max Length = 1 Y - Yes N - No U - Unknown	forcfail	<p>***2003-2016***</p> <p>N - No Y - Yes U - Unknown</p> <p>***1980-2002*** Not Collected.</p>
242	Attempt Vacuum	Method of Delivery, Vacuum Extraction Failed Indicates whether vacuum extraction delivery was attempted but unsuccessful.	Character; Max Length = 1 Y - Yes N - No U - Unknown	vacfail	<p>***2003-2016***</p> <p>N - No Y - Yes U - Unknown</p> <p>***1980-2002*** Not Collected.</p>
243	Fetal Presentation	Method of Delivery, Fetal Presentation	Numeric; Max Length = 1 1 - Cephalic 2 - Breech 3 - Other 9 - Unknown	fet_pres	<p>***2003-2016***</p> <p>C - Cephalic B – Breech O - Other U - Unknown</p> <p>***1980-2002*** Not Collected.</p>

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

					<p>2 - Vaginal Birth After Previous CSection</p> <p>3 - Primary C-Section</p> <p>4 - Repeat C-Section Without Labor</p> <p>5 - Repeat C-Section With Trial of Labor</p> <p>6 - Forceps</p> <p>7 - Vacuum Extraction</p> <p>8 - Other</p> <p>9 - Unknown/Not Stated</p> <p>***1984-1988***</p> <p>1 - Spontaneous</p> <p>2 - Vacuum Extraction</p> <p>3 - Outlet Forceps</p>
246	Birth Weight - Grams	<p>Birth Weight of Baby - Grams</p> <p>Indicates gram weight of infant. Pounds and ounces are converted as follows: grams = $[(lbs*16)+oz]*28.3495267$ (Rounded to the nearest gram)</p> <p>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</p>	Numeric; Max Length = 4 9999 - Unknown/Not Stated	wt_grams	<p>***1980-2016***</p> <p>9999 - Unknown/Not Stated</p>

		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	APGAR Score - 5 Minute The numerical sum of points given for heart rate, respirator effort, muscle tone, reflexes and color. Score taken at 5 minutes. Before using this field, see “Data Quality Technical Notes – Apgar Score (5 minutes).”	Numeric; Max Length = 2 0-10 - Score 99 - Unknown	apgar5	***1980-2016*** 000-010 - Score 999 - Unknown
249	APGAR 10	APGAR Score - 10 Minute The numerical sum of points given for heart rate, respirator effort, muscle tone, reflexes and color. Score taken at 10 minutes. Only reported if 5 minute score is <6.	Numeric; Max Length = 2 0-10 - Score 99 - Unknown	apgar10	***2003-2016*** 000-010 – Score 098 – Not applicable 999 – Unknown ***1980-2002*** 099 - Not Collected

250	Plurality	Plurality Number of children born.	Numeric; Max Length = 1 1- Single 2- Twins 3- Triplets 4- Quadruplets 5- Quintuplets 6- Sextuplets 7- Septuplets 8- Octuplets 9- Unknown	plural	1- Single 2- Twin 3- Triplet 4- Quadruplet 5- Quintuplet 6- Sextuplet 7- Septuplet 8- Octuplet 9- Unknown
251	Birth Order	Order at Birth	Numeric; Max Length = 1 0- Single Birth 1- First Born 2- Second Born 3- Third Born 4- Fourth Birth 5- Fifth Birth 6- Sixth Birth 7- Seventh Birth 8- Eighth Birth	order	***1980-2016*** 0- Single Birth 1- First Born 2- Second Born 3- Third Born 4- Fourth Birth 5- Fifth Birth 6- Sixth Birth 7- Seventh Birth 8- Eighth Birth

4 Induced
Labor 9 -
Unknown
Order 9 -
Unknown
Order

252	Child Transfer	Baby Transferred to Another Facility	Character; Max Length = 1 Y - Yes N - No U - Unknown	trnsferb	***1984-2016*** Y - Yes N - No U - Unknown/Not Stated ***1980-1983*** Blank Field - Not Collected
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253	Breastfed	Infant Being Breastfed	Character; Max Length = 1 Y - Yes N - No U - Unknown	breastfd	***2003-2016*** Y - Yes N - No U - Unknown ***1980-2002*** Not Collected.
254	Child Alive	Child Alive at Discharge	Character; Max Length = 1 Y - Yes N - No U - Unknown	alive	***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*** 01 - Assisted Ventilation Required Immediately Following Delivery 02 - Assisted Ventilation Required for More Than 6 Hours 03 - NICU Admission 04 - Newborn Given Surfactant Replacement Therapy 05 - Antibiotics received by the Newborn for Suspected Neonatal Sepsis 06 - Seizure or Serious Neurologic Dysfunction 07 - Significant Birth Injury 08 - None of the Above

					<p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT >39/HGN<13)</p> <p>02 - Birth Injury</p> <p>03 - Fetal Alcohol Syndrome</p> <p>04 - Hyaline Membrane Disease/RDS</p> <p>05 - Meconium Aspiration Syndrome</p> <p>06 - Drug Withdrawal Syndrome in Newborn</p> <p>07 - Assisted Ventilation less than 30 Minutes</p> <p>08 - Assisted Ventilation greater than or equal to 30 Minutes</p> <p>09 - Seizures</p> <p>10 - None</p> <p>11 - Other</p> <p>99 - Unknown/Not Stated</p>
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256	Assist Vent 6	Abnormal Conditions of Newborn, Assisted Ventilation, Over 6 Hours	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	<p>***2003-2016***</p> <p>01 – Assisted Ventilation Required Immediately Following Delivery</p> <p>02 – Assisted Ventilation Required for More Than 6 Hours</p> <p>03 – NICU Admission</p> <p>04 – Newborn Given Surfactant Replacement Therapy</p> <p>05 – Antibiotics received by the Newborn for Suspected Neonatal Sepsis</p> <p>06 – Seizure or Serious Neurologic Dysfunction</p> <p>07 – Significant Birth Injury</p> <p>08 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT >39/HGN<13)</p> <p>02 - Birth Injury</p> <p>03 - Fetal Alcohol Syndrome</p> <p>04 - Hyaline Membrane Disease/RDS</p>
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					<p>05 - Meconium Aspiration Syndrome</p> <p>06 - Drug Withdrawal Syndrome in Newborn</p> <p>07 - Assisted Ventilation less than 30 Minutes</p> <p>08 - Assisted Ventilation greater than or equal to 30 Minutes</p> <p>09 - Seizures</p> <p>10 - None</p> <p>11 - Other</p> <p>99 - Unknown/Not Stated</p>
257	NICU Admission	Abnormal Conditions of Newborn, NICU Admission	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	<p>***2003-2016***</p> <p>01 – Assisted Ventilation Required Immediately Following Delivery</p> <p>02 – Assisted Ventilation Required for More Than 6 Hours</p> <p>03 – NICU Admission</p> <p>04 – Newborn Given Surfactant Replacement Therapy</p> <p>05 – Antibiotics received by the Newborn for Suspected Neonatal Sepsis</p>

					<p>06 – Seizure or Serious Neurologic Dysfunction</p> <p>07 – Significant Birth Injury</p> <p>08 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT >39/HGN<13)</p> <p>02 - Birth Injury</p> <p>03 - Fetal Alcohol Syndrome</p> <p>04 - Hyaline Membrane Disease/RDS</p> <p>05 - Meconium Aspiration Syndrome</p> <p>06 - Drug Withdrawal Syndrome in Newborn</p> <p>07 - Assisted Ventilation less than 30 Minutes</p> <p>08 - Assisted Ventilation greater than or equal to 30 Minutes</p> <p>09 - Seizures</p> <p>10 - None</p> <p>11 - Other</p> <p>99 - Unknown/Not Stated</p>
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258	Surfactant	Abnormal Conditions of Newborn, Surfactant Replacement	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	<p>***2003-2016***</p> <p>01 – Assisted Ventilation Required Immediately Following Delivery</p> <p>02 – Assisted Ventilation Required for More Than 6 Hours</p> <p>03 – NICU Admission</p> <p>04 – Newborn Given Surfactant Replacement Therapy</p> <p>05 – Antibiotics received by the Newborn for Suspected Neonatal Sepsis</p> <p>06 – Seizure or Serious Neurologic Dysfunction</p> <p>07 – Significant Birth Injury</p> <p>08 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT >39/HGN<13)</p> <p>02 - Birth Injury</p> <p>03 - Fetal Alcohol Syndrome</p> <p>04 - Hyaline Membrane Disease/RDS</p> <p>05 - Meconium Aspiration Syndrome</p>
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					<p>06 - Drug Withdrawal Syndrome in Newborn</p> <p>07 - Assisted Ventilation less than 30 Minutes</p> <p>08 - Assisted Ventilation greater than or equal to 30 Minutes</p> <p>09 - Seizures</p> <p>10 - None</p> <p>11 - Other</p> <p>99 - Unknown/Not Stated</p>
259	Child Antibiotics	Abnormal Conditions of Newborn, Antibiotics for Newborn Sepsis	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	<p>***2003-2016***</p> <p>01 – Assisted Ventilation Required Immediately Following Delivery</p> <p>02 – Assisted Ventilation Required for More Than 6 Hours</p> <p>03 – NICU Admission</p> <p>04 – Newborn Given Surfactant Replacement Therapy</p> <p>05 – Antibiotics received by the Newborn for Suspected Neonatal Sepsis</p> <p>06 – Seizure or Serious Neurologic</p>

					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 04 - Hyaline Membrane Disease/RDS 05 - 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 09 - Seizures 10 - None 11 - Other 99 - Unknown/Not Stated
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260	Child Seizure	Abnormal Conditions of Newborn, Seizure	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	<p>***2003-2016***</p> <p>01 – Assisted Ventilation Required Immediately Following Delivery</p> <p>02 – Assisted Ventilation Required for More Than 6 Hours</p> <p>03 – NICU Admission</p> <p>04 – Newborn Given Surfactant Replacement Therapy</p> <p>05 – Antibiotics received by the Newborn for Suspected Neonatal Sepsis</p> <p>06 – Seizure or Serious Neurologic Dysfunction</p> <p>07 – Significant Birth Injury</p> <p>08 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT >39/HGN<13)</p> <p>02 - Birth Injury</p> <p>03 - Fetal Alcohol Syndrome</p> <p>04 - Hyaline Membrane Disease/RDS</p> <p>05 - Meconium Aspiration Syndrome</p>
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					<p>06 - Drug Withdrawal Syndrome in Newborn</p> <p>07 - Assisted Ventilation less than 30 Minutes</p> <p>08 - Assisted Ventilation greater than or equal to 30 Minutes</p> <p>09 - Seizures</p> <p>10 - None</p> <p>11 - Other</p> <p>99 - Unknown/Not Stated</p>
261	Child Injury	Abnormal Conditions of Newborn, Birth Injury	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	<p>***2003-2016***</p> <p>01 – Assisted Ventilation Required Immediately Following Delivery</p> <p>02 – Assisted Ventilation Required for More Than 6 Hours</p> <p>03 – NICU Admission</p> <p>04 – Newborn Given Surfactant Replacement Therapy</p> <p>05 – Antibiotics received by the Newborn for Suspected Neonatal Sepsis</p> <p>06 – Seizure or Serious Neurologic</p>

					<p>Dysfunction ⁰⁷ – Significant Birth Injury ⁰⁸ – None of the Above 99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>⁰¹ - Anemia (HCT >39/HGN<13) ⁰² - Birth Injury ⁰³ - Fetal Alcohol Syndrome ⁰⁴ - Hyaline Membrane Disease/RDS ⁰⁵ - 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 ⁰⁹ - Seizures ¹⁰ - None ¹¹ - Other 99 - Unknown/Not Stated</p>
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262	Abnormal Conditions None	Abnormal Conditions of Newborn, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	<p>***2003-2016***</p> <p>01 - Assisted Ventilation Required Immediately Following Delivery</p> <p>02 - Assisted Ventilation Required for More Than 6 Hours</p> <p>03 - NICU Admission</p> <p>04 - Newborn Given Surfactant Replacement Therapy</p> <p>05 - Antibiotics received by the Newborn for Suspected Neonatal Sepsis</p> <p>06 - Seizure or Serious Neurologic Dysfunction</p> <p>07 - Significant Birth Injury</p> <p>08 - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT >39/HGN<13)</p> <p>02 - Birth Injury</p> <p>03 - Fetal Alcohol Syndrome</p> <p>04 - Hyaline Membrane Disease/RDS</p> <p>05 - Meconium Aspiration Syndrome</p> <p>06 - Drug Withdrawal Syndrome in Newborn</p> <p>07 - Assisted Ventilation less than 30 Minutes</p> <p>08 - Assisted Ventilation greater than</p>
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					<p>or equal to 30 Minutes</p> <p>⁰⁹ - Seizures</p> <p>¹⁰ - None</p> <p>¹¹ - Other</p> <p>99 - Unknown/Not Stated</p>
263	Abnormal Conditions Unknown	Abnormal Conditions of Newborn, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	abcond1 - abcond6	<p>***2003-2016***</p> <p>⁰¹ – Assisted Ventilation Required Immediately Following Delivery</p> <p>⁰² – Assisted Ventilation Required for More Than 6 Hours</p> <p>⁰³ – NICU Admission</p> <p>⁰⁴ – Newborn Given Surfactant Replacement Therapy</p> <p>⁰⁵ – Antibiotics received by the Newborn for Suspected Neonatal Sepsis</p> <p>⁰⁶ – Seizure or Serious Neurologic Dysfunction</p> <p>⁰⁷ – Significant Birth Injury</p>

					<p>08 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT >39/HGN<13)</p> <p>02 - Birth Injury</p> <p>03 - Fetal Alcohol Syndrome</p> <p>04 - Hyaline Membrane Disease/RDS</p> <p>05 - Meconium Aspiration Syndrome</p> <p>06 - Drug Withdrawal Syndrome in Newborn</p> <p>07 - Assisted Ventilation less than 30 Minutes</p> <p>08 - Assisted Ventilation greater than or equal to 30 Minutes</p> <p>09 - Seizures</p> <p>10 - None</p> <p>11 - Other</p> <p>99 - Unknown/Not Stated</p>
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264	Anencephaly	Congenital Malformations, Anencephaly	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>***2003-2016***</p> <p>01 - Anencephaly</p> <p>02 - Meningocele/Spina Bifida</p> <p>03 - Cyanotic Congenital Heart Disease</p> <p>04 - Congenital Diaphragmatic Hernia</p> <p>05 - Omphalocele</p> <p>06 - Gastroschisis</p> <p>07 - Limb Reduction Defect</p> <p>08 - Cleft Lip with or without Cleft Palate</p> <p>09 - Cleft Palate Alone</p> <p>10 - Down Syndrome</p> <p>11 - Chromosomal Disorder</p> <p>12 - Hypospadias</p> <p>13 - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anencephalus</p> <p>02 - Spina Bifida/Meningocele</p> <p>03 - Hydrocephalus</p> <p>04 - Microcephalus</p> <p>05 - Other Central Nervous System Anomalies</p> <p>06 - Heart Malformations</p> <p>07 - Other Circulatory/Respiratory Anomalies</p> <p>08 - Rectal Atresia/Stenosis</p> <p>09 - Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>10 - Omphalocele/Gastroschisis</p>
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265	MSB	Congenital Malformations, Meningomyelocele/Spina Bifida	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>11 Other Gastrointestinal ***2003-2016***</p> <p>01 - Anencephaly</p> <p>02 -</p> <p>Meningocele/Spina Bifida</p> <p>03 - Cyanotic Congenital Heart Disease</p> <p>04 - Congenital Diaphragmatic Hernia</p> <p>05 - Omphalocele</p> <p>06 - Gastroschisis</p> <p>07 - Limb Reduction Defect</p> <p>08 - Cleft Lip with or without Cleft Palate</p> <p>09 - Cleft Palate Alone</p> <p>10 - Down Syndrome</p> <p>11 - Chromosomal Disorder</p> <p>12 - Hypospadias</p> <p>13 - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anencephalus</p> <p>02 - Spina Bifida/Meningocele</p> <p>03 - Hydrocephalus</p> <p>04 - Microcephalus</p> <p>05 - Other Central Nervous System Anomalies</p> <p>06 - Heart Malformations</p> <p>07 - Other Circulatory/Respiratory Anomalies</p> <p>08 - Rectal Atresia/Stenosis</p> <p>09 - Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>10 - Omphalocele/Gastroschisis</p>
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11 Other
Gastrointestinal

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

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

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

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

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

272	Cleft Palate	Congenital Malformations, Cleft Palate	Character; Max Length = 1 Y - Yes N - No U - Unknown	mal1 - mal7	<p>***2003-2016***</p> <p>01 - Anencephaly</p> <p>02 - Meningocele/Spina Bifida</p> <p>03 - Cyanotic Congenital Heart Disease</p> <p>04 - Congenital Diaphragmatic Hernia</p> <p>05 - Omphalocele</p> <p>06 - Gastroschisis</p> <p>07 - Limb Reduction Defect</p> <p>08 - Cleft Lip with or without Cleft Palate</p> <p>09 - Cleft Palate Alone</p> <p>10 - Down Syndrome</p> <p>11 - Chromosomal Disorder</p> <p>12 - Hypospadias</p> <p>13 - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anencephalus</p> <p>02 - Spina Bifida/Meningocele</p> <p>03 - Hydrocephalus</p> <p>04 - Microcephalus</p> <p>05 - Other Central Nervous System Anomalies</p> <p>06 - Heart Malformations</p> <p>07 - Other Circulatory/Respiratory Anomalies</p> <p>08 - Rectal Atresia/Stenosis</p> <p>09 - Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>10 - Omphalocele/Gastroschisis</p>
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273	Down Syndrome	Congenital Malformations, Down Syndrome	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>11 Other Gastrointestinal ***2003-2016***</p> <p>01 - Anencephaly 02 - 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</p> <p>***1992-2002***</p> <p>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</p>
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11 Other
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274	Down Confirm	Congenital Malformations, Down Syndrome Karyotype Confirmed	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7, downsflg	<p><u>Down Syndrome Flag</u> ***2003-2016*** C – Confirmed P - Pending U - Unknown</p> <p>***1980-2002*** Not Collected.</p> <p><u>Congenital Malformations</u> ***2003-2016***</p> <p>01 - Anencephaly 02 – 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</p>
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					<p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anencephalus</p> <p>02 - Spina Bifida/Meningocele</p> <p>03 - Hydrocephalus</p>
275	Down Pending	Congenital Malformations, Down Syndrome Karyotype Pending	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7, downsflg	<p>04 Mi ro ephal s <u>Down Syndrome Flag</u></p> <p>***2003-2016***</p> <p>C – Confirmed</p> <p>P - Pending</p> <p>U - Unknown</p> <p>***1980-2002***</p> <p>Not Collected.</p> <p><u>Congenital Malformations</u></p> <p>***2003-2016***</p> <p>01 - Anencephaly</p> <p>02 – Meningocele/Spina Bifida</p> <p>03 – Cyanotic Congenital Heart Disease</p>

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

276	Other Chrom	Congenital Malformations, Chromosomal Disorder	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>***2003-2016***</p> <p>01 - Anencephaly</p> <p>02 - Meningocele/Spina Bifida</p> <p>03 - Cyanotic Congenital Heart Disease</p> <p>04 - Congenital Diaphragmatic Hernia</p> <p>05 - Omphalocele</p> <p>06 - Gastroschisis</p> <p>07 - Limb Reduction Defect</p> <p>08 - Cleft Lip with or without Cleft Palate</p> <p>09 - Cleft Palate Alone</p> <p>10 - Down Syndrome</p> <p>11 - Chromosomal Disorder</p> <p>12 - Hypospadias</p> <p>13 - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anencephalus</p> <p>02 - Spina Bifida/Meningocele</p> <p>03 - Hydrocephalus</p> <p>04 - Microcephalus</p> <p>05 - Other Central Nervous System Anomalies</p> <p>06 - Heart Malformations</p> <p>07 - Other Circulatory/Respiratory Anomalies</p> <p>08 - Rectal Atresia/Stenosis</p> <p>09 - Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>10 - Omphalocele/Gastroschisis</p>
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277	Other Chrom Confirm	Congenital Malformations, Chromosomal Disorder Karyotype Confirmed	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7, chromflg	<p>11 <u>Other Gastrointestinal Chromosomal Disorder Flag</u> ***2003-2016*** C – Confirmed P - Pending U - Unknown</p> <p>***1980-2002*** Not Collected.</p> <p><u>Congenital Malformations</u> ***2003-2016***</p> <p>01 - Anencephaly 02 – 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</p> <p>***1992-2002*** 01 - Anencephalus 02 - Spina Bifida/Meningocele 03 - Hydrocephalus</p>
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04
 Microcephalus

278	Other Chrom Pending	Congenital Malformations, Chromosomal Disorder Karyotype Pending	Character; Max Length = 1 Y - Yes N - No U - Unknown	mal1 - mal7, chromflg	<p><u>Chromosomal Disorder Flag</u> ***2003-2016*** C – Confirmed P - Pending U - Unknown</p> <p>***1980-2002*** Not Collected.</p> <p><u>Congenital Malformations</u> ***2003-2016***</p> <p>01 - Anencephaly 02 – 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</p> <p>***1992-2002*** 01 - Anencephalus 02 - Spina Bifida/Meningocele 03 - Hydrocephalus</p>
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279	Hypospadias	Congenital Malformations, Hypospadias	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>04 Mi ro ephal s ***2003-2016***</p> <p>01 - Anencephaly</p> <p>02 - Meningocele/Spina Bifida</p> <p>03 - Cyanotic Congenital Heart Disease</p> <p>04 - Congenital Diaphragmatic Hernia</p> <p>05 - Omphalocele</p> <p>06 - Gastroschisis</p> <p>07 - Limb Reduction Defect</p> <p>08 - Cleft Lip with or without Cleft Palate</p> <p>09 - Cleft Palate Alone</p> <p>10 - Down Syndrome</p> <p>11 - Chromosomal Disorder</p> <p>12 - Hypospadias</p> <p>13 - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anencephalus</p> <p>02 - Spina Bifida/Meningocele</p> <p>03 - Hydrocephalus</p> <p>04 - Microcephalus</p> <p>05 - Other Central Nervous System Anomalies</p> <p>06 - Heart Malformations</p> <p>07 - Other Circulatory/Respiratory Anomalies</p> <p>08 - Rectal Atresia/Stenosis</p> <p>09 - Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>10 - Omphalocele/Gastroschisis</p>
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11 Other
Gastrointestinal

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

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

282	Attendant Class	Classification of Attendant	Numeric; Max Length = 1 0 - Hospital Administrator 1 - Physician, MD 2 - Licensed Midwife 3 - Osteopath, DO 4 - Father/Mother 5 - Certified Nurse Midwife 6 - Nurse 7 - Other Midwife 8 - Other 9 - Unknown/Not Stated 10 - Family/Not Father 11 - EMT/Paramedic 12 - Physician Assistant/PAC	attclass	***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 Blank - Not Applicable ***1987-1988*** 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 Blank - Not Applicable ***1980-1986*** 01 - Physician, MD 02 - Licensed/Certified Midwife 03 - Osteopath, DO 04 - Father 05 - Mother 06 - Nurse 07 - Other Midwife
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283	Certifier Class	Classification of Certifier Before using this field, see "Data Quality Technical Notes - Attendant/Certifier Classification."	Numeric; Max Length = 1 0 - Hospital Administrator 1 - Physician, MD 2 - Licensed Midwife 3 - Osteopath, DO 4 - Father/Mother 5 - Certified Nurse Midwife 6 - Nurse 7 - Other Midwife 8 - Other 9 - Unknown/Not Stated 10 - Family/Not Father 11 - EMT/Paramedic 12 - Physician Assistant/PAC	crt_clas	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*** 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 ***1985-1986*** 01 - Physician, MD 02 - Licensed/Certified Midwife 03 - Osteopath, DO 04 - Father
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05 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.	Character; Max Length = 5 HH:MM 99:99 - Unknown	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	fac_type	<p>***2003-2018***</p> <ul style="list-style-type: none"> - Hospital - Enroute - Birth Center - Clinic/Doctor's Office - Home - Unknown Planning - Other - Home - Planned - Home - Unplanned - Unknown/Not Stated Blank - Not Coded <p>***1980-2002***</p> <ul style="list-style-type: none"> - 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	<p>***2003-2018***</p> <ul style="list-style-type: none"> 1 - Hospital - Birth Center - Clinic/Doctor's Office - Other - Home - Planned <p>***1980-2002***</p>

			- 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 Technical Notes Document	Character; Max Length = 4 See WA County City Codes Spreadsheet	city_occ	See WA County City Codes Spreadsheet

15	Delivery WA County Code	<p>Delivery WA County Code County in which the delivery occurred. If the delivery occurred in Washington State, this field will be greater than "00."</p> <p>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 Technical Notes Document</p>	<p>Character; Max Length = 2 See WA County City Codes Spreadsheet</p>	cnty_occ	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

18	Delivery State FIPS Code	Delivery 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 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		
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			NM - New Mexico NY - New York		
19	Delivery Country	Delivery Country	Character; Max Length = 64		
20	Delivery Country WA Code	Delivery Country WA Code	Character; Max Length = 3 See WA Country Codes Spreadsheet		
21	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	Residence County 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

		<p>2,500, it is assigned to the rural portion of the county.</p> <p>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.”</p>			
25	Residence County WA Code	<p>Residence County WA Code</p> <p>If the residence is in Washington State, this field will be greater than “00.”</p> <p>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.”</p>	<p>Character; Max Length = 2; See WA County City Codes Spreadsheet</p>	cnty_res	See WA County City Codes Spreadsheet
26	Residence County NCHS Code	<p>Residence County NCHS Code</p>	<p>Character; Max Length = 3; See NCHS</p>		

			WA County Codes Spreadsheet		
27	Residence County FIPS Code	Residence County FIPS Code	Character; 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 Code	Character; Max Length = 2; See NCHS State Codes Spreadsheet	st_res DSA #:	See NCHS State Codes Spreadsheet 2028-11-02 CLH 31110
30	Residence State FIPS Code	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 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 Code	Residence Zip Code	Character; Max Length = 10 XXXXX-XXXX	zipcode	

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.	Character; Max 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		

			BF - Bahamas, The BG - Bangladesh BH - Belize BK - Bosnia and Herzegovina BL - Bolivia BM - Burma BN - Benin BO - Belarus BP - Solomon Islands		
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BQ - Navassa Island

41	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

					U – Entire Mother’s Race item unknown ***1980-2002*** Not Collected. See race_mom.
44	Mother Race Asian Indian	Mother’s Race, Asian Indian	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_asi	***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.
45	Mother Race Chinese	Mother’s Race, Chinese	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_chi	***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.
46	Mother Race Filipino	Mother’s Race, Filipino	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_fil	***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.
47	Mother Race Japanese	Mother’s Race, Japanese	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_jap	***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.
48	Mother Race Korean	Mother’s Race, Korean	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_kor	***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.
49	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.
50	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.
51	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

					U – Entire Mother’s Race item unknown ***1980-2002*** Not Collected. See race_mom.
52	Mother Race Guam or Chamorro	Mother’s Race, Guamanian or Chamorro	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_gua	***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.
53	Mother Race Samoan	Mother’s Race, Samoan	Character; Max Length = 1 Y - Yes N - No U - Unknown	momr_sam	***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.

54	Mother Race Other PI	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 N – No, box not checked U – Entire Mother's Race item unknown ***1980-2002*** Not Collected. See race_mom.
55	Mother Race Other	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.
56	Mother Race Tribe 1	Mother's Race Literal 1, American Indian/Alaska Native	Character; Max Length = 120		
57	Mother Race Tribe 2	Mother's Race Literal 2, American Indian/Alaska Native	Character; Max Length = 120		
58	Mother Race Other Asian 1	Mother's Race Literal 1, Other Asian	Character; Max Length = 120		
60	Mother Race Other PI 1	Mother's Race Literal 1, Other Pacific Islander	Character; Max Length = 120		
61	Mother Race Other PI 2	Mother's Race Literal 2, Other Pacific Islander	Character; Max Length = 120		
62	Mother Race Other 1	Mother's Race Literal 1, Other	Character; Max Length = 120		
63	Mother Race Other 2	Mother's Race Literal 2, Other	Character; Max Length = 120		

80	Mother Bridge Race	Mother's NCHS Bridged Race	Character; Max Length = 2 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		
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81	Mother Race Calculation	Mother's Race Uses race assigned by NCHS bridging methods (see Data Quality Technical Notes for description).	Character; Max Length = 1 <ul style="list-style-type: none"> - White - Black - Native American - Chinese - Japanese - Other Non-White - Filipino - Refused to State - Unknown/Not Stated ^A - Hawaiian ^B - Other Asian/Pacific Islander ^C - Mexican/Chicano/Hispanic ^D - Asian ^E - Korean ^F - Samoan ^G - Vietnamese ^H - Guamanian Blank – Not processed by NCHS 	race_mom	<p>***2003-2018*** Uses race assigned by NCHS bridging methods (see Data Quality Technical Notes for description). Coding same as in previous years, plus: Blank – Not processed by NCHS</p> <p>***1992-2002***</p> <ul style="list-style-type: none"> 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 - Hawaiian - Other Asian/Pacific Islander - Mexican/Chicano/Hispanic - Asian - Korean - Samoan - Vietnamese ^H - Guamanian <p>***1988-1991***</p> <ul style="list-style-type: none"> ¹ - White ² - Black ³ - Native American ⁴ - Chinese ⁵ - Japanese ⁶ - Other Non-White ⁷ - Filipino
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8 - Refused to State

82	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 - White and Black - White and American Indian/Alaska Native - White and Asian - White and Native Hawaiian or Pacific Islander - Black and American Indian/Alaska Native - Black and Asian - Black and Native Hawaiian or	moracsum	Note: for the race codes below, AIAN = American Indian/Alaska Native; NHOPI = Native Hawaiian or Other Pacific Islander. ***2003-2018*** 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 ²⁶ - Black, NHOPI ²⁷ - AIAN, Asian ²⁸ - AIAN, NHOPI ²⁹ - Asian, NHOPI Three races
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			Pacific Islander - American Indian/Alaska Native and Asian - American Indian/Alaska 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 Asian - White and Black and Native Hawaiian or Pacific Islander - White and American		³⁰ – White, Black, AIAN ³¹ – White, Black, Asian ³² – White, Black, NHOPI ³³ – White, AIAN, Asian ³⁴ – White, AIAN, NHOPI ³⁵ – White, Asian, NHOPI ³⁶ – Black, AIAN, Asian ³⁷ – Black, AIAN, NHOPI ³⁸ – Black, Asian, NHOPI ³⁹ – AIAN, Asian, NHOPI Four races
83	Mother Hispanic No	Mother's Hispanic Origin, Not Hispanic	Character; Max Length = 1 Y - Yes N - No U - Unknown	momh_no	***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.
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.
86	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	<p>***2003-2018*** Y – Yes, this box checked N – No, box not checked U – Entire Mother's Hispanic item unknown</p> <p>***1980-2002*** Not Collected. See hisp_mom.</p>
88	Mother Hispanic Other Specify	Mother's Hispanic Origin, Other Hispanic Literal	Character; Max Length = 21		
91	Mother Hispanic	<p>Mother's Hispanic Origin</p> <p>Note: Hispanic ethnicity data are not complete for 1988. Before using this field, see "Data Quality Technical Notes - Race/Hispanic Origin (Mother, Father, Child)."</p>	<p>Numeric; Max Length = 1</p> <ul style="list-style-type: none"> - Non-Hispanic - Mexican - Puerto Rican - Cuban - Central or South American - Other and Unknown Hispanic 9 - Unknown/Not Stated 	hisp_mom	<p>***1996-2018***</p> <ul style="list-style-type: none"> - Non-Hispanic - Mexican - Puerto Rican - Cuban - Central or South American - Other and Unknown Hispanic 9 - Unknown/Not Stated <p>***1988-1995***</p> <ul style="list-style-type: none"> 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

94	Mother Education	Mother's Education Level Highest grade completed by the mother.	Numeric; Max Length = 1 1 - 8th grade or less 2 - 9th-12th grade, no diploma 3 - High school graduate or GED 4 - Some college, no degree 5 - Associate degree 6 - Bachelor's degree 7 - Master's degree 8 - Doctorate or Professional degree 9 - Unknown	educ_mom	<p>***2003-2018***</p> <p>01 - 8th grade or less (see dadle8ed, field 201)</p> <p>02 - 9th-12th grade, no diploma</p> <p>03 - High school graduate or GED</p> <p>04 - Some college, no degree</p> <p>05 - Associate degree</p> <p>06 - Bachelor's degree</p> <p>07 - Master's degree</p> <p>08 - Doctorate or Professional degree</p> <p>09 - Unknown (09 or 99?)</p> <p>***1992-2002***</p> <p>00 - No education</p> <p>01 - Completed first grade</p> <p>02 - Completed second grade</p> <p>03 - Completed third grade</p> <p>04 - Completed fourth grade</p> <p>05 - Completed fifth grade</p> <p>06 - Completed sixth grade</p> <p>07 - Completed seventh grade</p>
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					08 - Completed eighth grade 09 - 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 ***1980-1991*** 99 - Not Collected
95	Mother Education 8th Grade Less	Mother Education Years If LE 8th Grade	Numeric; Max Length = 1 0 = No education 1 = 1st grade 2 = 2nd grade 3 = 3rd grade 4 = 4th grade 5 = 5th grade 6 = 6th grade 7 = 7th grade 8 = 8th grade 9 = Unknown	momle8ed	***2003-2018*** 0 – No education 1-8 – 1st – 8th grade 9 – Unknown ***1980-2002*** Not Collected
96	Father Calculated Age	Father Age Before using this field, see "Data Quality Technical Notes - Age	Numeric; Max Length = 3 99 - Unknown/Not Stated	age_dad	99 - Unknown/Not Stated

97	Father Birthplace State	Father's Birth State - Literal	Character; Max Length = 112		
98	Father Birthplace State FIPS	Father's Birthplace 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 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		

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

101	Father Birthplace Country FIPS	Father's Birthplace Country FIPS Code	Character; 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		
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			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		
102	Father Race White	Father's Race, White	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_wht	***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	dadr_blk	***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.
104	Father Race Amer Indian Alaskan	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

			U - Unknown		U – Entire Father’s Race item unknown ***1980-2002*** Not Collected. See race dad.
105	Father Race Asian Indian	Father’s Race, Asian	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_asi	***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.
106	Father Race Chinese	Father’s Race, Chinese	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_chi	***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.
107	Father Race Filipino	Father’s Race, Filipino	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_fil	***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.
108	Father Race Japanese	Father’s Race, Japanese	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_jap	***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 Korean	Father’s Race, Korean	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_kor	***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.
110	Father Race Vietnamese	Father’s Race, Vietnamese	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_vie	***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.
111	Father Race Other Asian	Father’s Race, Other Asian	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_oas	***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.
112	Father Race Hawaiian	Father’s Race, Native Hawaiian	Character; Max Length = 1 Y - Yes N - No	dadr_haw	***2003-2018*** Y – Yes, this box checked N – No, box not checked

			U - Unknown		U – Entire Father’s Race item unknown ***1980-2002*** Not Collected. See race dad.
113	Father Race Gaum or Chamorro	Father’s Race, Guamanian or Chamorro	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_gua	***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.
114	Father Race Samoan	Father’s Race, Samoan	Character; Max Length = 1 Y - Yes N - No U - Unknown	dadr_sam	***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	Father’s Race, Other Pacific Islander	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	Father’s 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		

			2 - Black 3 - AIAN 4 - Asian 5 - Chinese 6 - Filipino 7 - Japanese 8 - Korean 9 - Vietnamese 0 - Other Asian 1 - Native Hawaiian 2 - Guamanian or Chamorro 3 - Samoan 4 - Other Pacific Islander 15 - Other Bridged multiple specified race 21 - White 22 - Black 23 - AIAN 24 - Asian or Pacific Islander		
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142	Father Race Calculation	Father's Race Calculation Uses race assigned by NCHS bridging methods (see Data Quality Technical Notes for description).	Character; Max Length = 1 <ul style="list-style-type: none"> - White - Black - Native American - Chinese - Japanese - Other Non-White - Filipino - Refused to State - Unknown/Not Stated - Hawaiian - Other Asian/Pacific Islander - Mexican/Chicano/Hispanic - Asian - Korean - Samoan - Vietnamese - Guamanian Blank – Not processed by NCHS	race_dad	***2003-2018*** Uses race assigned by NCHS bridging methods (see Data Quality Technical Notes for description). Coding same as in previous years, plus: Blank – Not processed by NCHS ***1992-2002*** 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 - Hawaiian - 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 7 - Filipino 8 - Refused to State
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143	Father Race Summary Code	Father's Summary Race	<p>Numeric; Max Length = 2</p> <p>Single race</p> <p>¹⁰ - White</p> <p>¹¹ - Black</p> <p>¹² - American Indian/Alaska Native</p> <p>¹³ - Asian</p> <p>¹⁴ - Native Hawaiian or Pacific Islander</p> <p>Two races</p> <p>- White and Black</p> <p>- White and American Indian/Alaska Native</p> <p>- White and Asian</p> <p>- White and Native Hawaiian or Pacific Islander</p> <p>- Black and American Indian/Alaska Native</p> <p>- Black and Asian</p> <p>- Black and Native Hawaiian or Pacific Islander</p> <p>- American Indian/Alaska Native and Asian</p> <p>- American Indian/Alaska Native and Native Hawaiian or Pacific Islander</p> <p>- Asian and Native Hawaiian or Pacific Islander</p> <p>Three races</p> <p>- White and Black and American Indian/Alaska Native</p> <p>- White and Black and Asian</p>	faracsum	<p>Note: for the race codes below, AIAN = American Indian/Alaska Native; NHOPI = Native Hawaiian or Other Pacific Islander.</p> <p>***2003-2018***</p> <p>Single race</p> <p>- White only</p> <p>- Black only</p> <p>- AIAN only</p> <p>- Asian only</p> <p>- NHOPI only</p> <p>Two races</p> <p>- White, Black</p> <p>- White, AIAN</p> <p>- White, Asian</p> <p>- White, NHOPI</p> <p>- Black, AIAN</p> <p>- Black, Asian</p> <p>- Black, NHOPI</p> <p>- AIAN, Asian</p> <p>- AIAN, NHOPI</p> <p>- Asian, NHOPI</p> <p>Three races</p> <p>- White, Black, AIAN</p> <p>- White, Black, Asian</p> <p>- White, Black, NHOPI</p> <p>- White, AIAN, Asian</p> <p>- White, AIAN, NHOPI</p> <p>- White, Asian, NHOPI</p> <p>- Black, AIAN, Asian</p> <p>- Black, AIAN, NHOPI</p> <p>- Black, Asian, NHOPI</p> <p>- AIAN, Asian, NHOPI</p> <p>Four races</p>
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			- White and Black and Native Hawaiian or Pacific Islander - White and American		
144	Father Hispanic No	Father's Hispanic Origin, Not Hispanic	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.
145	Father Hispanic Mexican	Father's Hispanic 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.
146	Father Hispanic Puerto Rican	Father's Hispanic Origin, Puerto Rican	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.
147	Father Hispanic Cuban	Father's Hispanic 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 Hispanic Other	Father’s Hispanic Origin, Other Hispanic	Character; Max Length = 1 H - Yes N - No U - Unknown	dadh_oth	***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.

149	Father Hispanic Other Specify	Father’s Hispanic Origin, Other Hispanic Literal	Character; Max Length = 20		
152	Father Hispanic	Father'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).”	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_dad	***1996-2018*** 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 6- Unknown Hispanic 9 - Unknown/Not Stated

155	Father Education	Father's Education Level Highest grade completed by the father.	<p>Numeric; Max Length = 1</p> <p>1- 8th grade or less</p> <p>2- 9th-12th grade, no diploma</p> <p>3- High school graduate or GED</p> <p>4- Some college, no degree</p> <p>5- Associate degree</p> <p>6- Bachelor's degree</p> <p>7- Master's degree</p> <p>8- Doctorate or Professional degree 9</p> <p>- Unknown</p>	educ_dad	<p>***2003-2018***</p> <p>01- 8th grade or less (see dadle8ed, field 201)</p> <p>02- 9th-12th grade, no diploma</p> <p>03- High school graduate or GED</p> <p>04- Some college, no degree</p> <p>05- Associate degree</p> <p>06- Bachelor's degree</p> <p>07- Master's degree</p> <p>08- Doctorate or Professional degree</p> <p>09- Unknown (09 or 99?)</p> <p>***1992-2002***</p> <p>00- No education</p> <p>01- Completed first grade</p> <p>02- Completed second grade</p> <p>03- Completed third grade</p> <p>04- Completed fourth grade</p> <p>05- Completed fifth grade</p> <p>06- Completed sixth grade</p> <p>07- Completed seventh grade</p> <p>08- Completed eighth grade</p> <p>09- Completed ninth grade</p> <p>10- Completed tenth grade</p>
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					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 ***1980-1991*** 99 - Not Collected
156	Father Education 8th Grade Less	Father's Education Years If LE 8th Grade	Numeric; Max Length = 1 0- No education 1- 1st grade 2- 2nd grade 3- 3rd grade 4- 4th grade 5- 5th grade 6- 6th grade 7- 7th grade 8- 8th grade 9- Unknown	dadle8ed	***2003-2018*** 0 – No education 1-8 – 1st – 8th grade 9 – Unknown ***1980-2002*** Not Collected
157	Mother Height Feet	Mother's Height, Feet	Character; Max Length = 1 9 - Unknown/Not Stated	ht_ft	***2003-2018*** 9 – Unknown ***1980-2002*** Not Collected
158	Mother Height Inches	Mother's Height, Inches	Character; Max Length = 2 99 - Unknown/Not Stated	ht_in	***2003-2018*** 99 – Unknown ***1980-2002***

					Not Collected
159	Mother Weight Prior	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	Mother Weight 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."	Numeric; Max Length = 3 999 - Unknown/Not Stated	wghtdelv	***2003-2018*** 999 - Unknown ***1980-2002*** Not Collected
161	Mother Weight 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).

		<p>Before using this field, see “Data Quality Technical Notes - Weight Gained During Pregnancy, Prepregnancy Weight and Delivery weight.”</p> <p>***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</p>			<p>098 – 98+ lbs for out of state occurrences only</p> <p>***1989-2002*** 000 - No Weight Change or Lost Weight 999 - Unknown/Not Stated</p> <p>***1980-1988*** 999 - Not Collected</p>
162	Mother BMI	Body Mass Index	Numeric; Max Length = 3 99.9 - Unknown	bmi	<p>***2003-2018*** 99.9 - Unknown</p> <p>***1980-2002*** Not Collected</p>

163	Mother Smoked	Smoking Status	Character; Max Length = 1 N - No Y - Yes U - Unknown/Not Stated	smoking	
164	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 Trimester	Numeric; Max Length = 4	cigs_1 st	

166	Cigarettes Smoked 2nd Tri	Number Cigarettes Smoked during 2nd Trimester	Numeric; Max Length = 4	cigs_2 nd	
167	Cigarettes Smoked 3rd Tri	Number Cigarettes Smoked during 3rd Trimester	Numeric; Max Length = 4	cigs_3 rd	
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*** 0 - 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	
171	Date Last Prenatal Visit	Date Last Prenatal Visit	Character; Max Length = 10 MM/DD/YYYY	lpvmd4y	

172	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	pnatalmo	***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
173	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	pnatfed	***2011-2018*** 999 - Unknown
174	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	pnatalvs	***1993-2018*** 000 - None 099 - Unknown/Not Stated ***1980-1992*** 000 - None 095 - Some 099 - Unknown/Not Stated
175	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	lb_nl	***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
176	Prior Live Births 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
177	Other Preg Outcomes	Other Pregnancy Outcomes	Numeric; Max Length = 2 99 - Unknown/Not Stated	otherout	***2003-2018*** 000 - None 099 - Unknown/Not Stated (or 999?) ***1980-2002*** Not Collected
178	Date Last Menses	Date of Last Normal Menses	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	Last Menses Year	Character; Max Length = 4 YYYY	mens_yr	

182	Gestation Estimate	Gestation Estimate in Weeks In weeks as estimated by the physician at the time of the delivery. Before using this field, see "Data Quality Technical Notes - Gestational Age – Calculated and Clinical Estimate."	Numeric; Max Length = 2 40 - Full Term or Forty Weeks 99 - Unknown	gest_est DSA #	***1989-2018*** 40 - Full Term 2018-11-02 Forty Weeks 99 - Unknown ***1980-1988*** 000 - Not Collected
183	Calculated Gestation	Calculated Gestation in Weeks Calculated from the date of birth and last menses date (mensdate) or from gestational estimate. Before using this field, see "Data Quality Technical Notes – Gestational Age – Calculated and Clinical Estimate."	Numeric; Max Length = 2 99 - Unknown/Did not calculate	gestcalc	***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	Gestation, Calculated Flag Indicates whether the calculated Gestation (gestcalc) field was calculated based on last menses date or estimated based on birth weight.	Character; Max Length = 1 0 - Gestation was calculated based on DOB and last menses date 1 - Gestation was based on clinical estimate of gestation. 9 - Gestation could not be calculated or estimated	gestflag	***2003-2018*** 0 - 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 ***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 Diabetes	Medical Risk Factor, Diabetes, Prepregnancy	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, diabetes	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 ***1980-1988*** Blank Field - Not Collected Medical Risk Factors ***2003-2018*** 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***
186	Gestational Diabetes	Medical Risk Factor, Diabetes, Gestational	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, diabetes	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 ***1980-1988*** Blank Field - Not Collected

187	Prepreg Hypertension	Medical Risk Factor, Hypertension, Prepregnancy	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, hyperflg	<p>Hyper Medical Risk Factors ***2003-2003-2018***</p> <p>E - Prepregnancy Diabetes G - Gestational Hypertension U - Unknown Previous Preterm Birth Blank - No hypertension 04 - Other Previous Poor Pregnancy Outcome ***1980-2002*** Not Collected. See individual medical risk factors (fields #59-64). During This Pregnancy</p> <p>Medical Risk Factors ***2003-2018*** Prior to the Onset of Labor</p> <p>01 - Diabetes 02 - Hypertension 03 - Previous Preterm Births 04 - Other Previous Poor Pregnancy Outcome 05 - Vaginal Bleeding During This Pregnancy</p> <p>Prior to the Onset of Labor Streptococcus Culture</p> <p>06 - Pregnancy Resulted from Infertility Treatment 09 - None of the Above 07 - Mother Had a Previous Cesarean Delivery/Not Stated 08 - Group B Streptococcus</p>
					<p>Culture Positive 09 - None of the Above 99 - Unknown/Not Stated ***1992-2002***</p> <p>01 - Anemia (HCT.<30/HGH.<10) 02 - Cardiac Disease 03 - Acute or Chronic Lung Disease 04 - Diabetes 05 - Genital Herpes</p>

					<p>⁰⁶ - Polyhydramnios ⁰⁷ - Oligohydramnios ⁰⁸ - Hemoglobinopathy</p>
188	Gestational Hypertension	Medical Risk Factor, Hypertension, Gestational	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, hyperflg	<p>Hypertension Flag ***2003-2018*** E - Prepregnancy G – Gestational U – Unknown Blank – No hypertension</p> <p>***1980-2002*** Not Collected. See individual medical risk factors (fields #59-64).</p> <p>Medical Risk Factors ***2003-2018***</p> <p>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</p>

					<p>⁰⁷– Mother Had a Previous Cesarean Delivery</p> <p>⁰⁸– Group B Streptococcus Culture Positive</p> <p>⁰⁹– None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>⁰¹ - Anemia (HCT.<30/HGH.<10)</p> <p>⁰² - Cardiac Disease</p> <p>⁰³ - Acute or Chronic Lung Disease</p> <p>⁰⁴ - Diabetes</p> <p>⁰⁵ - Genital Herpes</p> <p>⁰⁶ - Polyhydramnios</p> <p>⁰⁷ - Oligohydramnios</p> <p>⁰⁸ - Hemoglobinopathy</p>
189	Hypertension Eclampsia	Medical Risk Factor, Hypertension, Eclampsia	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>***2003-2018***</p> <p>⁰¹ - Diabetes</p> <p>⁰² - Hypertension</p> <p>⁰³– Previous Preterm Births</p> <p>⁰⁴– Other Previous Poor Pregnancy Outcome</p> <p>⁰⁵– Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>⁰⁶– Pregnancy Resulted from Infertility Treatment</p> <p>⁰⁷– Mother Had a Previous Cesarean Delivery</p> <p>⁰⁸– Group B Streptococcus Culture Positive</p> <p>⁰⁹– None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>⁰¹ - Anemia (HCT.<30/HGH.<10)</p>

					<p>02 - Cardiac Disease</p> <p>03 - Acute or Chronic Lung Disease</p> <p>04 - Diabetes</p> <p>05 - Genital Herpes</p> <p>06 - Polyhydramnios</p> <p>07 - Oligohydramnios</p> <p>08 -</p> <p>Hemoglobinopathy</p> <p>09 - Chronic Hypertension</p> <p>10 - Hypertension, Pregnancy-Associated</p> <p>11 - Eclampsia</p> <p>12 - Incompetent Cervix</p> <p>13 - Previous Infant 4000+ Grams</p> <p>14 - Previous Preterm or Small-For-Gestational Age Infant</p> <p>15 - Renal Disease</p> <p>16 - RH Sensitization</p> <p>17 - Uterine Bleeding</p> <p>18 - Hepatitis B--</p> <p>HBSAG Positive</p>
190	Preterm Births	Medical Risk Factor, Previous Preterm Birth	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>***2003-2018***</p> <p>01 - Diabetes</p> <p>02 - Hypertension</p> <p>03 - Previous Preterm Births</p> <p>04 - Other Previous Poor Pregnancy Outcome</p> <p>05 - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>06 - Pregnancy Resulted from Infertility Treatment</p>

					<p>07 – Mother Had a Previous Cesarean Delivery</p> <p>08 – Group B Streptococcus Culture Positive</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT.<30/HGH.<10)</p> <p>02 - Cardiac Disease</p> <p>03 - Acute or Chronic Lung Disease</p> <p>04 - Diabetes</p> <p>05 - Genital Herpes</p> <p>06 - Polyhydramnios</p> <p>07 - Oligohydramnios</p> <p>08 -</p> <p>Hemoglobinopathy</p> <p>09 - Chronic Hypertension</p> <p>10 - Hypertension, Pregnancy- Associated</p> <p>11 - Eclampsia</p> <p>12 - Incompetent Cervix</p> <p>13 - Previous Infant 4000+ Grams</p> <p>14 - Previous Preterm or Small-For- Gestational Age Infant</p> <p>15 - Renal Disease</p> <p>16 - RH Sensitization</p> <p>17 - Uterine Bleeding</p> <p>18 - Hepatitis B-- HBSAG Positive</p> <p>19 - Syphilis</p>
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191	Poor Preg Outcomes	Medical Risk Factor, Other Previous Poor Pregnancy Outcomes	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>***2003-2018***</p> <p>⁰¹ - Diabetes</p> <p>⁰² - Hypertension</p> <p>⁰³ - Previous Preterm Births</p> <p>⁰⁴ - Other Previous Poor Pregnancy Outcome</p> <p>⁰⁵ - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>⁰⁶ - Pregnancy Resulted from Infertility Treatment</p> <p>⁰⁷ - Mother Had a Previous Cesarean Delivery</p> <p>⁰⁸ - Group B Streptococcus Culture Positive</p> <p>⁰⁹ - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>⁰¹ - Anemia (HCT.<30/HGH.<10)</p> <p>⁰² - Cardiac Disease</p> <p>⁰³ - Acute or Chronic Lung Disease</p> <p>⁰⁴ - Diabetes</p> <p>⁰⁵ - Genital Herpes</p> <p>⁰⁶ - Polyhydramnios</p> <p>⁰⁷ - Oligohydramnios</p> <p>⁰⁸ -</p> <p>Hemoglobinopathy</p> <p>⁰⁹ - Chronic Hypertension</p> <p>¹⁰ - Hypertension, Pregnancy-Associated</p> <p>¹¹ - Eclampsia</p> <p>¹² - Incompetent Cervix</p>
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					<p>¹³ - Previous Infant 4000+ Grams</p> <p>¹⁴ - Previous Preterm or Small-For- Gestational Age Infant</p> <p>¹⁵ - Renal Disease</p> <p>¹⁶ - RH Sensitization</p> <p>¹⁷ - Uterine Bleeding</p> <p>¹⁸ - Hepatitis B-- HBSAG Positive</p> <p>¹⁹ - Syphilis</p>
192	Vaginal Bleeding	Medical Risk Factor, Vaginal Bleeding	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>***2003-2018***</p> <p>⁰¹ - Diabetes</p> <p>⁰² - Hypertension</p> <p>⁰³ - Previous Preterm Births</p> <p>⁰⁴ - Other Previous Poor Pregnancy Outcome</p> <p>⁰⁵ - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>⁰⁶ - Pregnancy Resulted from Infertility Treatment</p> <p>⁰⁷ - Mother Had a Previous Cesarean Delivery</p> <p>⁰⁸ - Group B Streptococcus Culture Positive</p> <p>⁰⁹ - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>⁰¹ - Anemia (HCT.<30/HGH.<10)</p> <p>⁰² - Cardiac Disease</p> <p>⁰³ - Acute or Chronic Lung Disease</p> <p>⁰⁴ - Diabetes</p>

					<p>05 - Genital Herpes</p> <p>06 - Polyhydramnios</p> <p>07 - Oligohydramnios</p> <p>08 -</p> <p>Hemoglobinopathy</p> <p>09 - Chronic Hypertension</p> <p>10 - Hypertension, Pregnancy-Associated</p> <p>11 - Eclampsia</p> <p>12 - Incompetent Cervix</p> <p>13 - Previous Infant 4000+ Grams</p> <p>14 - Previous Preterm or Small-For-Gestational Age Infant</p> <p>15 - Renal Disease</p> <p>16 - RH Sensitization</p> <p>17 - Uterine Bleeding</p> <p>18 - Hepatitis B--</p> <p>HBSAG Positive</p>
193	Fertility Treatment	Medical Risk Factor, Infertility Treatments, Drugs	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>***2003-2018***</p> <p>01 - Diabetes</p> <p>02 - Hypertension</p> <p>03 - Previous Preterm Births</p> <p>04 - Other Previous Poor Pregnancy Outcome</p> <p>05 - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>06 - Pregnancy Resulted from Infertility Treatment</p> <p>07 - Mother Had a Previous Cesarean Delivery</p> <p>08 - Group B Streptococcus Culture Positive</p>

					<p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT.<30/HGH.<10)</p> <p>02 - Cardiac Disease</p> <p>03 - Acute or Chronic Lung Disease</p> <p>04 - Diabetes</p> <p>05 - Genital Herpes</p> <p>06 - Polyhydramnios</p> <p>07 - Oligohydramnios</p> <p>08 -</p> <p>Hemoglobinopathy</p> <p>09 - Chronic Hypertension</p> <p>10 - Hypertension, Pregnancy- Associated</p> <p>11 - Eclampsia</p> <p>12 - Incompetent Cervix</p> <p>13 - Previous Infant 4000+ Grams</p> <p>14 - Previous Preterm or Small-For- Gestational Age Infant</p> <p>15 - Renal Disease</p> <p>16 - RH Sensitization</p> <p>17 - Uterine Bleeding</p> <p>18 - Hepatitis B--</p> <p>HBSAG Positive</p> <p>19 - Syphilis</p>
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194	Assisted Reproduction	Medical Risk Factor, Infertility Treatments, ART	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>***2003-2018***</p> <p>01 - Diabetes</p> <p>02 - Hypertension</p> <p>03 - Previous Preterm Births</p> <p>04 - Other Previous Poor Pregnancy Outcome</p> <p>05 - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>06 - Pregnancy Resulted from Infertility Treatment</p> <p>07 - Mother Had a Previous Cesarean Delivery</p> <p>08 - Group B Streptococcus Culture Positive</p> <p>09 - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT.<30/HGH.<10)</p> <p>02 - Cardiac Disease</p> <p>03 - Acute or Chronic Lung Disease</p> <p>04 - Diabetes</p> <p>05 - Genital Herpes</p> <p>06 - Polyhydramnios</p> <p>07 - Oligohydramnios</p> <p>08 -</p> <p>Hemoglobinopathy</p> <p>09 - Chronic Hypertension</p> <p>10 - Hypertension, Pregnancy-Associated</p> <p>11 - Eclampsia</p> <p>12 - Incompetent Cervix</p>
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					<p>¹³ - Previous Infant 4000+ Grams</p> <p>¹⁴ - Previous Preterm or Small-For- Gestational Age Infant</p> <p>¹⁵ - Renal Disease</p> <p>¹⁶ - RH Sensitization</p> <p>¹⁷ - Uterine Bleeding</p> <p>¹⁸ - Hepatitis B-- HBSAG Positive</p> <p>¹⁹ - Syphilis</p>
195	Previous Cesarean	Medical Risk Factor, Previous Cesarean Section	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>***2003-2018***</p> <p>⁰¹ - Diabetes</p> <p>⁰² - Hypertension</p> <p>⁰³ - Previous Preterm Births</p> <p>⁰⁴ - Other Previous Poor Pregnancy Outcome</p> <p>⁰⁵ - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>⁰⁶ - Pregnancy Resulted from Infertility Treatment</p> <p>⁰⁷ - Mother Had a Previous Cesarean Delivery</p> <p>⁰⁸ - Group B Streptococcus Culture Positive</p> <p>⁰⁹ - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>⁰¹ - Anemia (HCT.<30/HGH.<10)</p> <p>⁰² - Cardiac Disease</p> <p>⁰³ - Acute or Chronic Lung Disease</p> <p>⁰⁴ - Diabetes</p>

					<p>05 - Genital Herpes</p> <p>06 - Polyhydramnios</p> <p>07 - Oligohydramnios</p> <p>08 -</p> <p>Hemoglobinopathy</p> <p>09 - Chronic Hypertension</p> <p>10 - Hypertension, Pregnancy-Associated</p> <p>11 - Eclampsia</p> <p>12 - Incompetent Cervix</p> <p>13 - Previous Infant 4000+ Grams</p> <p>14 - Previous Preterm or Small-For-Gestational Age Infant</p> <p>15 - Renal Disease</p> <p>16 - RH Sensitization</p> <p>17 - Uterine Bleeding</p> <p>18 - Hepatitis B-- HBSAG Positive</p>
196	Risk Factors None	Medical Risk Factor, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>***2003-2018***</p> <p>01 - Diabetes</p> <p>02 - Hypertension</p> <p>03 - Previous Preterm Births</p> <p>04 - Other Previous Poor Pregnancy Outcome</p> <p>05 - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>06 - Pregnancy Resulted from Infertility Treatment</p> <p>07 - Mother Had a Previous Cesarean Delivery</p> <p>08 - Group B Streptococcus Culture Positive</p>

					<p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01 - Anemia (HCT.<30/HGH.<10)</p> <p>02 - Cardiac Disease</p> <p>03 - Acute or Chronic Lung Disease</p> <p>04 - Diabetes</p> <p>05 - Genital Herpes</p> <p>06 - Polyhydramnios</p> <p>07 - Oligohydramnios</p> <p>08 -</p> <p>Hemoglobinopathy</p> <p>09 - Chronic Hypertension</p> <p>10 - Hypertension, Pregnancy-Associated</p> <p>11 - Eclampsia</p> <p>12 - Incompetent Cervix</p> <p>13 - Previous Infant 4000+ Grams</p> <p>14 - Previous Preterm or Small-For-Gestational Age Infant</p> <p>15 - Renal Disease</p> <p>16 - RH Sensitization</p> <p>17 - Uterine Bleeding</p> <p>18 - Hepatitis B--</p> <p>HBSAG Positive</p> <p>19 - Syphilis</p>
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197	Risk Factors Unknown	Medical Risk Factor, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6	<p>***2003-2018***</p> <p>⁰¹ - Diabetes</p> <p>⁰² - Hypertension</p> <p>⁰³ - Previous Preterm Births</p> <p>⁰⁴ - Other Previous Poor Pregnancy Outcome</p> <p>⁰⁵ - Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor</p> <p>⁰⁶ - Pregnancy Resulted from Infertility Treatment</p> <p>⁰⁷ - Mother Had a Previous Cesarean Delivery</p> <p>⁰⁸ - Group B Streptococcus Culture Positive</p> <p>⁰⁹ - None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>⁰¹ - Anemia (HCT.<30/HGH.<10)</p> <p>⁰² - Cardiac Disease</p> <p>⁰³ - Acute or Chronic Lung Disease</p> <p>⁰⁴ - Diabetes</p> <p>⁰⁵ - Genital Herpes</p> <p>⁰⁶ - Polyhydramnios</p> <p>⁰⁷ - Oligohydramnios</p> <p>⁰⁸ -</p> <p>Hemoglobinopathy</p> <p>⁰⁹ - Chronic Hypertension</p> <p>¹⁰ - Hypertension, Pregnancy-Associated</p> <p>¹¹ - Eclampsia</p> <p>¹² - Incompetent Cervix</p>
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					<p>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</p>
198	Gonorrhea	Maternal Infections, Gonorrhea	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2018*** ⁰¹ - Gonorrhea ⁰² - Syphilis ⁰³ - Herpes Simplex Virus (HSV) ⁰⁴ - Chlamydia ⁰⁵ - Listeria ⁰⁶ - Group B Streptococcus ⁰⁷ - Cytomegalovirus ⁰⁸ - Parvovirus ⁰⁹ - Toxoplasmosis10 - HIV Infection 11 - Other Specify: 12- None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected</p>
199	Syphilis	Maternal Infections, Syphilis	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2018*** ⁰¹ - Gonorrhea ⁰² - Syphilis ⁰³ - Herpes Simplex Virus (HSV) ⁰⁴ - Chlamydia ⁰⁵ - Listeria ⁰⁶ - Group B Streptococcus</p>

					<p>07 - Cytomegalovirus 08 - Parvovirus 09 - Toxoplasmosis10 - HIV Infection 11 - Other Specify: 12- None of the Above 99 - Unknown/Not Stated ***1980-2002***</p>
200	Herpes	Maternal Infections, Herpes Simplex Virus (HSV)	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2018*** 01 - Gonorrhea 02 - Syphilis 03 - Herpes Simplex Virus (HSV) 04 - Chlamydia 05 - Listeria 06 - Group B Streptococcus 07 - Cytomegalovirus 08 - Parvovirus 09 - Toxoplasmosis10 - HIV Infection 11 - Other Specify: 12- None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected</p>
201	Chlamydia	Maternal Infections, Chlamydia	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2018*** 01 - Gonorrhea 02 - Syphilis 03 - Herpes Simplex Virus (HSV) 04 - Chlamydia 05 - Listeria 06 - Group B Streptococcus 07 - Cytomegalovirus 08 - Parvovirus 09 - Toxoplasmosis10 - HIV Infection 11 - Other Specify:</p>

					12- None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected
202	Listeria	Maternal Infections, Listeria	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2018*** 01 - Gonorrhea 02 - Syphilis 03 - Herpes Simplex Virus (HSV) 04 - Chlamydia 05 - Listeria 06 - Group B Streptococcus 07 - Cytomegalovirus 08 - Parvovirus 09 - Toxoplasmosis10 - HIV Infection 11 - Other Specify: 12- None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected
203	Group B Strep	Maternal Infections, Group B Strep	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2018*** 01 - Gonorrhea 02 - Syphilis 03 - Herpes Simplex Virus (HSV) 04 - Chlamydia 05 - Listeria 06 - Group B Streptococcus 07 - Cytomegalovirus 08 - Parvovirus 09 - Toxoplasmosis10 - HIV Infection 11 - Other Specify: 12- None of the Above

					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*** 01 - Gonorrhea 02 - Syphilis 03 - Herpes Simplex Virus (HSV) 04 - Chlamydia 05 - Listeria 06 - Group B Streptococcus 07 - Cytomegalovirus 08 - Parvovirus 09 - 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*** 01 - Gonorrhea 02 - Syphilis 03 - Herpes Simplex Virus (HSV) 04 - Chlamydia 05 - Listeria 06 - Group B Streptococcus 07 - Cytomegalovirus 08 - Parvovirus 09 - Toxoplasmosis10 - HIV Infection 11 - Other Specify: 12- None of the Above

					99 - Unknown/Not Stated ***1980-2002***
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***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*** <small>01</small> - Gonorrhea <small>02</small> - Syphilis <small>03</small> - Herpes Simplex Virus (HSV) <small>04</small> - Chlamydia <small>05</small> - Listeria <small>06</small> - Group B Streptococcus <small>07</small> - Cytomegalovirus <small>08</small> - Parvovirus <small>09</small> - Toxoplasmosis10 - HIV Infection 11 - Other Specify: 12- None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected
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207	HIV	Maternal Infections, HIV Infection	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2018***</p> <p>01 – Gonorrhea</p> <p>02 – Syphilis</p> <p>03 – Herpes Simplex Virus (HSV)</p> <p>04 – Chlamydia</p> <p>05 – Hepatitis B06 – Hepatitis C 07 – HIV Infection 08 – Other Specify:</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected</p>
208	Infections Other	Maternal Infections, Other	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2018***</p> <p>01 – Gonorrhea</p> <p>02 – Syphilis</p> <p>03 – Herpes Simplex Virus (HSV)</p> <p>04 – Chlamydia</p> <p>05 – Hepatitis B06 – Hepatitis C 07 – HIV Infection 08 – Other Specify:</p> <p>09 – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002***</p> <p>Not collected</p>
209	Infections Other Specify	Maternal Infections, Other Literal Specify	Character; Max Length = 60		
210	Infections None	Maternal Infections, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	<p>***2003-2018***</p> <p>01 – Gonorrhea</p> <p>02 – Syphilis</p> <p>03 – Herpes Simplex Virus (HSV)</p>

					⁰⁴ – Chlamydia ⁰⁵ – 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*** ⁰¹ – Gonorrhea ⁰² – Syphilis ⁰³ – Herpes Simplex Virus (HSV) ⁰⁴ – Chlamydia ⁰⁵ – 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 Transfusion	Maternal Morbidity, Maternal Transfusion	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2018*** ⁰¹ – Maternal Transfusion ⁰² – Third or Fourth Degree Perineal Laceration ⁰³ – Ruptured Uterus ⁰⁴ – Unplanned Hysterectomy ⁰⁵ – Admission to Intensive Care Unit

					⁰⁶ – Unplanned Operating Room Procedure Following Delivery ⁰⁷ – None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected.
213	Perineal Laceration	Maternal Morbidity, Perineal Laceration	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2018*** ⁰¹ – Maternal Transfusion ⁰² – Third or Fourth Degree Perineal Laceration ⁰³ – Ruptured Uterus ⁰⁴ – Unplanned Hysterectomy ⁰⁵ – Admission to Intensive Care Unit ⁰⁶ – Unplanned Operating Room Procedure Following Delivery ⁰⁷ – None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected.

214	Ruptured Uterus	Maternal Morbidity, Ruptured Uterus	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2018*** ⁰¹ – Maternal Transfusion ⁰² – Third or Fourth Degree Perineal Laceration ⁰³ – Ruptured Uterus
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					⁰⁴ – Unplanned Hysterectomy ⁰⁵ – Admission to Intensive Care Unit ⁰⁶ – Unplanned Operating Room Procedure Following Delivery ⁰⁷ – None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected.
215	Hysterectomy	Maternal Morbidity, Unplanned Hysterectomy	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2018*** ⁰¹ – Maternal Transfusion ⁰² – Third or Fourth Degree Perineal Laceration ⁰³ – Ruptured Uterus ⁰⁴ – Unplanned Hysterectomy ⁰⁵ – Admission to Intensive Care Unit ⁰⁶ – Unplanned Operating Room Procedure Following Delivery ⁰⁷ – None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected.

216	Intensive Care	Maternal Morbidity, Admission to Intensive Care Unit	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	<p>***2003-2018***</p> <p>⁰¹ – Maternal Transfusion</p> <p>⁰² – Third or Fourth Degree Perineal Laceration</p> <p>⁰³ – Ruptured Uterus</p> <p>⁰⁴ – Unplanned Hysterectomy</p> <p>⁰⁵ – Admission to Intensive Care Unit</p> <p>⁰⁶ – Unplanned Operating Room Procedure Following Delivery</p> <p>⁰⁷ – None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1980-2002*** Not collected.</p>
217	Operation	Maternal Morbidity, Unplanned Operating Room Procedure	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	<p>***2003-2018***</p> <p>⁰¹ – Maternal Transfusion</p> <p>⁰² – Third or Fourth Degree Perineal Laceration</p> <p>⁰³ – Ruptured Uterus</p> <p>⁰⁴ – Unplanned Hysterectomy</p> <p>⁰⁵ – Admission to Intensive Care Unit</p> <p>⁰⁶ – Unplanned Operating Room Procedure Following Delivery</p> <p>⁰⁷ – None of the Above</p> <p>99 - Unknown/Not Stated</p>

					1980-2002 Not collected.
218	Maternal Morbidity None	Maternal Morbidity, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2018*** 01 – Maternal Transfusion 02 – Third or Fourth Degree Perineal Laceration 03 – Ruptured Uterus 04 – Unplanned Hysterectomy 05 – Admission to Intensive Care Unit 06 – Unplanned Operating Room Procedure Following Delivery 07 – None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected.
219	Maternal Morbidity Unknown	Maternal Morbidity, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	mmorbid1 - mmorbid5	***2003-2018*** 01 – Maternal Transfusion 02 – Third or Fourth Degree Perineal Laceration 03 – Ruptured Uterus 04 – Unplanned Hysterectomy 05 – Admission to Intensive Care Unit 06 – Unplanned Operating Room Procedure

					Following Delivery 07 – None of the Above 99 - Unknown/Not Stated ***1980-2002*** Not collected.
220	Attempt Forceps	Method of Delivery, Forceps Failed Indicates whether forceps delivery was attempted but unsuccessful.	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	Method of Delivery, Vacuum Extraction Failed Indicates whether vacuum extraction delivery was attempted but unsuccessful.	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	Method of Delivery, Fetal Presentation	Numeric; Max Length = 1 1- Cephalic 2- Breech 3- Other 9 - Unknown	fet_pres	***2003-2018*** C - Cephalic B – Breech O - Other U - Unknown ***1980- 2002*** Not Collected.

223	Delivery Method Final	Method of Delivery, Final Route and Method	Numeric; Max Length = 1 1- Spontaneous vaginal 2- Forceps	dmethfin	***2003-2016*** 1 – Spontaneous vaginal 2 – Forceps 3 - Vacuum
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			³ - Vacuum ⁴ - Cesarean with Trial of Labor ⁵ - Cesarean without Trial Labor ⁶ - Cesarean with Trial Labor Unknown 9 - Unknown		⁴ - Cesarean with Trial of Labor ⁵ - Cesarean without Trial Labor 9 - Unknown ***1980-2002*** Not Collected.
224	Delivery Method	Delivery Method, Calculated	Numeric; Max Length = 1 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 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 C-Section 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 ² - Vaginal Birth After Previous C-Section ³ - Primary C-Section ⁴ - Repeat C-Section Without Labor

					<p>5 - Repeat C-Section With Trial of Labor</p> <p>6 - Forceps</p> <p>7 - Vacuum Extraction</p> <p>8 - Other</p> <p>9 - Unknown/Not Stated</p> <p>***1984-1988***</p> <p>1 - Spontaneous</p> <p>2 - Vacuum Extraction</p> <p>3 - Outlet Forceps</p> <p>4 - Induced Labor</p> <p>5 - Primary C-Section</p> <p>6 - Repeat C-Section</p> <p>7 - Vaginal Birth After Previous C-Section</p> <p>8 - Other</p>
225	Hysterotomy or Hysterectomy	IHysterotomy or Hysterectomy indicates whether the method of delivery included a hysterotomy or hysterectomy	Character; Max Length = 1 Y - Yes N - No U - Unknown	hyster	<p>***2003-2018***</p> <p>N - No Y - Yes U - Unknown</p> <p>***1980-2002*** Not Collected.</p>
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	<p>***1980-2016***</p> <p>9999 - Unknown/Not Stated</p>

		(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 Notes - Birth Weight."			
227	Plurality	Plurality Number of children born.	Numeric; Max Length = 1 1 - Single 2 - Twins 3 - Triplets 4 - Quadruplets 5 - Quintuplets 6 - Sextuplets 7 - Septuplets 8 - Octuplets 9 - Unknown	plural	1- Single 2- Twin 3- Triplet 4- Quadruplet 5- Quintuplet 6- Sextuplet 7- Septuplet 8- Octuplet 9- Unknown
228	Birth Order	Order at Birth	Numeric; Max Length = 1 0- Single Birth 1- First Born 2- Second Born 3- Third Born 4- Fourth Birth	order	***1980-2018*** 0- Single Birth 1- First Born 2- Second Born 3- Third Born 4- Fourth Birth 5- Fifth Birth 6- Sixth Birth

			⁵ - Fifth Birth ⁶ - Sixth Birth ⁷ - Seventh Birth ⁸ - Eighth Birth ⁹ - Unknown Order		⁷ - Seventh Birth ⁸ - Eighth Birth ⁹ - Unknown Order
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229	Anencephaly	Congenital Malformations, Anencephaly	Character; Max Length = 1 Y - Yes N - No U - Unknown	mal f1 - mal f7	<p>***2003-2018***</p> <p>01- Anencephaly</p> <p>02- Meningocele/Spina Bifida CLH 31110</p> <p>03- Cyanotic Congenital Heart Disease</p> <p>04- Congenital Diaphragmatic Hernia</p> <p>05- Omphalocele</p> <p>06- Gastroschisis</p> <p>07- Limb Reduction Defect</p> <p>08- Cleft Lip with or without Cleft Palate</p> <p>09- Cleft Palate Alone</p> <p>10- Down Syndrome</p> <p>11- Chromosomal Disorder</p> <p>12- Hypospadias</p> <p>13- None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01- Anencephalus</p> <p>02- Spina Bifida/Meningocele</p> <p>03- Hydrocephalus</p> <p>04- Microcephalus</p> <p>05- Other Central Nervous System Anomalies</p> <p>06- Heart Malformations</p> <p>07- Other Circulatory/Respiratory Anomalies</p> <p>08- Rectal Atresia/Stenosis</p> <p>09- Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>10- Omphalocele/Gastroschisis</p> <p>11- Other Gastrointestinal Anomalies</p> <p>12- Malformed Genitalia</p> <p>13- Renal Agenesis</p> <p>14- Other Urogenital Anomalies</p>
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230	MSB	Congenital Malformations, Meningomyelocele/Spina Bifida	Character; Max Length = 1 Y - Yes N - No U - Unknown	mal f1 - mal f7	<p>***2003-2018***</p> <p>01- Anencephaly</p> <p>02- Meningocele/Spina Bifida</p> <p>03- Cyanotic Congenital Heart Disease</p> <p>04- Congenital Diaphragmatic Hernia</p> <p>05- Omphalocele</p> <p>06- Gastroschisis</p> <p>07- Limb Reduction Defect</p> <p>08- Cleft Lip with or without Cleft Palate</p> <p>09- Cleft Palate Alone</p> <p>10- Down Syndrome</p> <p>11- Chromosomal Disorder</p> <p>12- Hypospadias</p> <p>13- None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01- Anencephalus</p> <p>02- Spina Bifida/Meningocele</p> <p>03- Hydrocephalus</p> <p>04- Microcephalus</p> <p>05- Other Central Nervous System Anomalies</p> <p>06- Heart Malformations</p> <p>07- Other Circulatory/Respiratory Anomalies</p> <p>08- Rectal Atresia/Stenosis</p> <p>09- Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>10- Omphalocele/Gastroschisis</p> <p>11- Other Gastrointestinal Anomalies</p> <p>12- Malformed Genitalia</p>
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					¹³ - Renal Agenesis ¹⁴ - Other Urogenital Anomalies
231	Congenital Heart	Congenital Malformations, Cyanotic Congenital Heart Disease	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	***2003-2018*** ⁰¹ - Anencephaly ⁰² - 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 ⁰² - Spina Bifida/Meningocele ⁰³ - Hydrocephalus ⁰⁴ - Microcephalus ⁰⁵ - Other Central Nervous System

<p>232</p>	<p>Congenital Hernia</p>	<p>Congenital Malformations, Congenital Diaphragmatic Hernia</p>	<p>Character; Max Length = 1 Y - Yes N - No U - Unknown</p>	<p>malf1 - malf7</p>	<p>***2003-2018*** 06- Heart Malformations 02- Meningocele/Spina Bifida/Circulatory/Respiratory Anomalies 07- Congenital Bifid Rectal Atresia/Stenosis 08- Tracheo-Esophageal Disphagia/Esophageal Atresia 09- Omphalocele 10- Gastroschisis 11- Omphalocele/Gastroschisis 12- Other Gastrointestinal Anomalies 13- Cleft Lip with or without Cleft Palate 14- Malformed Genitalia 15- Renal Agenesis 16- Down Syndrome</p>
					<p>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 11- Other Gastrointestinal Anomalies 12- Malformed Genitalia</p>

					<p>¹³- Renal Agenesis</p> <p>¹⁴- Other Urogenital Anomalies</p>
233	Omphalocele	Congenital Malformations, Omphalocele	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>***2003-2018***</p> <p>⁰¹- Anencephaly</p> <p>⁰²- Meningocele/Spina Bifida</p> <p>⁰³- Cyanotic Congenital Heart Disease</p> <p>⁰⁴- Congenital Diaphragmatic Hernia</p> <p>⁰⁵- Omphalocele</p> <p>⁰⁶- Gastroschisis</p> <p>⁰⁷- Limb Reduction Defect</p> <p>⁰⁸- Cleft Lip with or without Cleft Palate</p> <p>⁰⁹- Cleft Palate Alone</p> <p>¹⁰- Down Syndrome</p> <p>¹¹- Chromosomal Disorder</p> <p>¹²- Hypospadias</p> <p>¹³- None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>⁰¹- Anencephalus</p> <p>⁰²- Spina Bifida/Meningocele</p> <p>⁰³- Hydrocephalus</p> <p>⁰⁴- Microcephalus</p> <p>⁰⁵- Other Central Nervous System</p>

					<p>Anomalies</p> <p>⁰⁶- Heart Malformations</p> <p>⁰⁷- Other Circulatory/Respiratory Anomalies</p> <p>⁰⁸- Rectal Atresia/Stenosis</p> <p>⁰⁹- Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>¹⁰- Omphalocele/Gastroschisis</p> <p>¹¹- Other Gastrointestinal Anomalies</p> <p>¹²- Malformed Genitalia</p> <p>¹³- Renal Agenesis</p> <p>¹⁴- Other Urogenital Anomalies</p>
234	Gastroschisis	Congenital Malformations, Gastrochisis	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>***2003-2018***</p> <p>⁰¹- Anencephaly</p> <p>⁰²- Meningocele/Spina Bifida</p> <p>⁰³- Cyanotic Congenital Heart Disease</p> <p>⁰⁴- Congenital Diaphragmatic Hernia</p> <p>⁰⁵- Omphalocele</p> <p>⁰⁶- Gastroschisis</p> <p>⁰⁷- Limb Reduction Defect</p> <p>⁰⁸- Cleft Lip with or without Cleft Palate</p> <p>⁰⁹- Cleft Palate Alone</p> <p>¹⁰- Down Syndrome</p> <p>¹¹- Chromosomal Disorder</p> <p>¹²- Hypospadias</p> <p>¹³- None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>⁰¹- Anencephalus</p> <p>⁰²- Spina Bifida/Meningocele</p> <p>⁰³- Hydrocephalus</p>

					<p>⁰⁴- Microcephalus</p> <p>⁰⁵- Other Central Nervous System Anomalies</p> <p>⁰⁶- Heart Malformations</p> <p>⁰⁷- Other Circulatory/Respiratory Anomalies</p> <p>⁰⁸- Rectal Atresia/Stenosis</p> <p>⁰⁹- Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>¹⁰- Omphalocele/Gastroschisis</p> <p>¹¹- Other Gastrointestinal Anomalies</p> <p>¹²- Malformed Genitalia</p> <p>¹³- Renal Agenesis</p>
235	Limb Defect	Congenital Malformations, Limb Reduction Defect	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>***2003-2018***</p> <p>⁰¹- Anencephaly</p> <p>⁰²- Meningocele/Spina Bifida</p> <p>⁰³- Cyanotic Congenital Heart Disease</p> <p>⁰⁴- Congenital Diaphragmatic Hernia</p> <p>⁰⁵- Omphalocele</p> <p>⁰⁶- Gastroschisis</p> <p>⁰⁷- Limb Reduction Defect</p> <p>⁰⁸- Cleft Lip with or without Cleft Palate</p> <p>⁰⁹- Cleft Palate Alone</p> <p>¹⁰- Down Syndrome</p> <p>¹¹- Chromosomal Disorder</p> <p>¹²- Hypospadias</p> <p>¹³- None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>⁰¹- Anencephalus</p> <p>⁰²- Spina Bifida/Meningocele</p>

					<p>03- Hydrocephalus</p> <p>04- Microcephalus</p> <p>05- Other Central Nervous System Anomalies</p> <p>06- Heart Malformations</p> <p>07- Other Circulatory/Respiratory Anomalies</p> <p>08- Rectal Atresia/Stenosis</p> <p>09- Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>10- Omphalocele/Gastroschisis</p> <p>11- Other Gastrointestinal Anomalies</p> <p>12- Malformed Genitalia</p> <p>13- Renal Agenesis</p> <p>14- Other Urogenital Anomalies</p>
236	Cleft Lip	Congenital Malformations, Cleft Lip	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>***2003-2018***</p> <p>01- Anencephaly</p> <p>02- Meningocele/Spina Bifida</p> <p>03- Cyanotic Congenital Heart Disease</p> <p>04- Congenital Diaphragmatic Hernia</p> <p>05- Omphalocele</p> <p>06- Gastroschisis</p> <p>07- Limb Reduction Defect</p> <p>08- Cleft Lip with or without Cleft Palate</p> <p>09- Cleft Palate Alone</p> <p>10- Down Syndrome</p> <p>11- Chromosomal Disorder</p> <p>12- Hypospadias</p> <p>13- None of the Above</p> <p>99 - Unknown/Not Stated</p>

					<p>***1992-2002***</p> <p>01- Anencephalus</p> <p>02- Spina Bifida/Meningocele</p> <p>03- Hydrocephalus</p> <p>04- Microcephalus</p> <p>05- Other Central Nervous System Anomalies</p> <p>06- Heart Malformations</p> <p>07- Other Circulatory/Respiratory Anomalies</p> <p>08- Rectal Atresia/Stenosis</p> <p>09- Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>10- Omphalocele/Gastroschisis</p> <p>11- Other Gastrointestinal Anomalies</p> <p>12- Malformed Genitalia</p> <p>13- Renal Agenesis</p> <p>14- Other Urogenital Anomalies</p>
237	Cleft Palate	Congenital Malformations, Cleft Palate	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>***2003-2018***</p> <p>01- Anencephaly</p> <p>02- Meningocele/Spina Bifida</p> <p>03- Cyanotic Congenital Heart Disease</p> <p>04- Congenital Diaphragmatic Hernia</p> <p>05- Omphalocele</p> <p>06- Gastroschisis</p> <p>07- Limb Reduction Defect</p> <p>08- Cleft Lip with or without Cleft Palate</p> <p>09- Cleft Palate Alone</p> <p>10- Down Syndrome</p> <p>11- Chromosomal Disorder</p>

					<p>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</p>
238	Down Syndrome	Congenital Malformations, Down Syndrome	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>***2003-2018*** ⁰¹- Anencephaly ⁰²- 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</p>

					<p>11- Chromosomal Disorder</p> <p>12- Hypospadias</p> <p>13- None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01- Anencephalus</p> <p>02- Spina Bifida/Meningocele</p> <p>03- Hydrocephalus</p> <p>04- Microcephalus</p> <p>05- Other Central Nervous System</p> <p>Anomalies</p> <p>06- Heart Malformations</p> <p>07- Other</p> <p>Circulatory/Respiratory</p> <p>Anomalies</p> <p>08- Rectal Atresia/Stenosis</p> <p>09- Tracheo-Esophageal</p> <p>Fistula/Esophageal</p> <p>Atresia</p> <p>10-</p> <p>Omphalocele/Gastroschisis</p> <p>11- Other Gastrointestinal</p> <p>Anomalies</p> <p>12- Malformed Genitalia</p> <p>13- Renal Agenesis</p> <p>14- Other Urogenital</p> <p>Anomalies</p>
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239	Down Confirm	Congenital Malformations, Down Syndrome Karyotype Confirmed	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7, downsflg	<p>Down Syndrome Flag ***2003-2018*** C – Confirmed P - Pending U - Unknown</p> <p>***1980-2002*** Not Collected.</p> <p>Congenital Malformations ***2003-2018***</p> <p>⁰¹- Anencephaly ⁰²- 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</p> <p>***1992-2002***</p> <p>⁰¹- Anencephalus ⁰²- Spina Bifida/Meningocele ⁰³- Hydrocephalus ⁰⁴- Microcephalus ⁰⁵- Other Central Nervous System Anomalies ⁰⁶- Heart Malformations</p>
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240	Down Pending	Congenital Malformations, Down Syndrome Karyotype Pending	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7, downsflg	<p>Down Syndrome Flag ***2003-2018*** C – Confirmed P - Pending U - Unknown</p> <p>***1980-2002*** Not Collected.</p> <p>Congenital Malformations ***2003-2018***</p> <p>⁰¹- Anencephaly ⁰²- 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</p> <p>***1992-2002***</p> <p>⁰¹ - Anencephalus ⁰² - Spina Bifida/Meningocele ⁰³ - Hydrocephalus ⁰⁴ - Microcephalus ⁰⁵ - Other Central Nervous System Anomalies</p>
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241	Other Chrom	Congenital Malformations, Chromosomal Disorder	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>***2003-2018***</p> <p>01- Anencephaly</p> <p>02- Meningocele/Spina Bifida</p> <p>03- Cyanotic Congenital Heart Disease</p> <p>04- Congenital Diaphragmatic Hernia</p> <p>05- Omphalocele</p> <p>06- Gastroschisis</p> <p>07- Limb Reduction Defect</p> <p>08- Cleft Lip with or without Cleft Palate</p> <p>09- Cleft Palate Alone</p> <p>10- Down Syndrome</p> <p>11- Chromosomal Disorder</p> <p>12- Hypospadias</p> <p>13- None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>01- Anencephalus</p> <p>02- Spina Bifida/Meningocele</p> <p>03- Hydrocephalus</p> <p>04- Microcephalus</p> <p>05- Other Central Nervous System Anomalies</p> <p>06- Heart Malformations</p> <p>07- Other Circulatory/Respiratory Anomalies</p> <p>08- Rectal Atresia/Stenosis</p> <p>09- Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>10- Omphalocele/Gastroschisis</p> <p>11- Other Gastrointestinal Anomalies</p> <p>12- Malformed Genitalia</p>
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					¹³ - Renal Agenesis ¹⁴ - Other Urogenital Anomalies
242	Other Chrom Confirm	Congenital Malformations, Chromosomal Disorder Karyotype Confirmed	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7, chromflg	Chromosomal Disorder Flag ***2003-2018*** C – Confirmed P - Pending U - Unknown ***1980-2002*** Not Collected. Congenital Malformations ***2003-2018*** ⁰¹ - Anencephaly ⁰² - 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

					<p>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</p>
243	Other Chrom Pending	Congenital Malformations, Chromosomal Disorder Karyotype Pending	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7, chromflg	<p>Chromosomal Disorder Flag ***2003-2018*** C - Confirmed P - Pending U - Unknown ***1980-2002*** Not Collected. Congenital Malformations ***2003-2018*** ⁰¹ - Anencephaly ⁰² - 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</p>

					<p>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</p>
244	Hypospadias	Congenital Malformations, Hypospadias	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>***2003-2018*** ⁰¹ - Anencephaly ⁰² - 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 ⁰² - Spina Bifida/Meningocele ⁰³ - Hydrocephalus ⁰⁴ - Microcephalus ⁰⁵ - Other Central Nervous System</p>

					<p>Anomalies</p> <p>⁰⁶- Heart Malformations</p> <p>⁰⁷- Other Circulatory/Respiratory Anomalies</p> <p>⁰⁸- Rectal Atresia/Stenosis</p> <p>⁰⁹- Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>¹⁰- Omphalocele/Gastroschisis</p> <p>¹¹- Other Gastrointestinal Anomalies</p> <p>¹²- Malformed Genitalia</p> <p>¹³- Renal Agenesis</p> <p>¹⁴- Other Urogenital Anomalies</p>
245	Congenital Anomaly None	Congenital Malformations, None of the Above	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>***2003-2018***</p> <p>⁰¹- Anencephaly</p> <p>⁰²- Meningocele/Spina Bifida</p> <p>⁰³- Cyanotic Congenital Heart Disease</p> <p>⁰⁴- Congenital Diaphragmatic Hernia</p> <p>⁰⁵- Omphalocele</p> <p>⁰⁶- Gastroschisis</p> <p>⁰⁷- Limb Reduction Defect</p> <p>⁰⁸- Cleft Lip with or without Cleft Palate</p> <p>⁰⁹- Cleft Palate Alone</p> <p>¹⁰- Down Syndrome</p> <p>¹¹- Chromosomal Disorder</p> <p>¹²- Hypospadias</p> <p>¹³- None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p> <p>⁰¹- Anencephalus</p> <p>⁰²- Spina Bifida/Meningocele</p> <p>⁰³- Hydrocephalus</p>

					<p>⁰⁴- Microcephalus</p> <p>⁰⁵- Other Central Nervous System Anomalies</p> <p>⁰⁶- Heart Malformations</p> <p>⁰⁷- Other Circulatory/Respiratory Anomalies</p> <p>⁰⁸- Rectal Atresia/Stenosis</p> <p>⁰⁹- Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>¹⁰- Omphalocele/Gastroschisis</p> <p>¹¹- Other Gastrointestinal Anomalies</p> <p>¹²- Malformed Genitalia</p> <p>¹³- Renal Agenesis</p> <p>¹⁴- Other Urogenital Anomalies</p>
246	Congenital Anomaly Unknown	Congenital Malformations, Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7	<p>***2003-2018***</p> <p>⁰¹- Anencephaly</p> <p>⁰²- Meningocele/Spina Bifida</p> <p>⁰³- Cyanotic Congenital Heart Disease</p> <p>⁰⁴- Congenital Diaphragmatic Hernia</p> <p>⁰⁵- Omphalocele</p> <p>⁰⁶- Gastroschisis</p> <p>⁰⁷- Limb Reduction Defect</p> <p>⁰⁸- Cleft Lip with or without Cleft Palate</p> <p>⁰⁹- Cleft Palate Alone</p> <p>¹⁰- Down Syndrome</p> <p>¹¹- Chromosomal Disorder</p> <p>¹²- Hypospadias</p> <p>¹³- None of the Above</p> <p>99 - Unknown/Not Stated</p> <p>***1992-2002***</p>

					<p>01 - Anencephalus</p> <p>02 - Spina Bifida/Meningocele</p> <p>03 - Hydrocephalus</p> <p>04 - Microcephalus</p> <p>05 - Other Central Nervous System Anomalies</p> <p>06 - Heart Malformations</p> <p>07 - Other Circulatory/Respiratory Anomalies</p> <p>08 - Rectal Atresia/Stenosis</p> <p>09 - Tracheo-Esophageal Fistula/Esophageal Atresia</p> <p>10 - Omphalocele/Gastroschisis</p> <p>11 - Other Gastrointestinal Anomalies</p> <p>12 - Malformed Genitalia</p> <p>13 - Renal Agenesis</p>
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14 - Other Urogenital Anomalies

14 - Other Urogenital Anomalies

14 - Other Urogenital Anomalies

06 - Heart Malformations

06 - Heart Malformations

14 - Other Urogenital Anomalies

247	Attendant Title	Title of Attendant	Character; Max Length; None ***2022*** ARNP - Advanced Registered Nurse Practitioner CNM - Certified Nurse Midwife CPM - Certified Professional Midwife DO - Osteopath EMT/PARAMEDIC - Emergency Medical Technicians FAMILY NOT FATHER FATHER HOSP ADMIN LM - Licensed Midwife MD - Physician NONE OTHER OTHER MIDWIFE PA - Physician Assistant RN - Registered Nurse UNKNOWN	attclass	***2017-2021*** 0 - Hospital Administrator 1 - Physician, MD 2 - Licensed Midwife 3 - Osteopath, DO 4 - Father/Mother 5 - Certified Nurse Midwife 6 - Nurse 7 - Other Midwife 8 - Other 9 - Unknown/Not Stated 10 - Family/Not Father 11 - EMT/Paramedic 12 - Physician Assistant/PAC ***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 Blank - Not Applicable ***1987-1988*** 01 - Physician, MD 02 - Licensed Midwife 03 - Osteopath, DO 04 - Father/Mother
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248	Certifier Class	Classification of Certifier Before using this field, see "Data Quality Technical Notes - Attendant/Certifier Classification."	Numeric; Max Length = 1 0 - Hospital Administrator 1 - Physician, MD 2 - Licensed Midwife 3 - Osteopath, DO 4 - Father/Mother 5 - Certified Nurse Midwife 6 - Nurse 7 - Other Midwife 8 - Other 9 - Unknown/Not Stated 10 - Family/Not Father 11 - EMT/Paramedic 12 - Physician Assistant/PAC	crt_clas	***1989-2018*** 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*** 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 ***1985-1986*** 01 - Physician, MD 02 - Licensed/Certified Midwife 03 - Osteopath, DO 04 - Father 05 - Mother
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249	IC Maternal Conditions Diseases	IC Maternal Conditions Diseases, Literal	Character; Max Length = 128	initcaus	<p>***2003-2018***</p> <p>⁰¹ – Maternal conditions/Diseases</p> <p>⁰² – Complications of placenta</p> <p>⁰³ – Other OB or Preg complices</p> <p>⁰⁴ – Fetal Anomaly</p> <p>⁰⁵ – Fetal injury</p> <p>⁰⁶ – Fetal infection</p> <p>⁰⁷ – Other fetal conditions/disorders</p> <p>⁰⁸ - Unknown</p> <p>***1980-2002***</p> <p>Not Collected.</p>
250	IC Ruptured Membranes	Initiating Cause, Ruptured Membranes	Character; Max Length = 1 Y - Yes N - No U - Unknown	in_plac	<p>***2003-2018***</p> <p>Y - Yes N - No</p> <p>***1980-2002***</p> <p>Not Collected.</p>
251	IC Abruptio Placenta	Initiating Cause, Abruptio Placenta	Character; Max Length = 1 Y - Yes N - No U - Unknown	in_abrup	<p>***2003-2018***</p> <p>Y - Yes N - No</p> <p>***1980-2002***</p> <p>Not Collected.</p>
252	IC Placental Insufficiency	Initiating Cause, Placental Insufficiency	Character; Max Length = 1 Y - Yes N - No U - Unknown	in_insuf	<p>***2003-2018***</p> <p>Y - Yes N - No</p> <p>***1980-2002***</p> <p>Not Collected.</p>

253	IC Prolapsed Cord	Initiating Cause, Prolapsed Cord	Character; Max Length = 1 Y - Yes N - No U - Unknown	in_prol	***2003-2018*** Y - Yes N - No ***1980-2002*** Not Collected.
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254	IC Chorioamnionitis	Initiating Cause, Chorioamnionitis	Character; Max Length = 1 Y - Yes N - No U - Unknown	in_chor	***2003-2018*** Y - Yes N - No ***1980-2002*** Not Collected.
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255	IC Other Placenta Cord Memb Comp	Initiating Cause, Other Placenta Cord Memb Comp	Character; Max Length = 1 Y - Yes N - No U - Unknown	in_other	***2003-2018*** Y - Yes N - No ***1980-2002*** Not Collected.
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256	IC Other Comp Specify	Initiating Cause, Other Comp Specify	Character; Max Length = 128		
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257	IC Other OB or Preg Comp Specify	Initiating Cause, Other OB or Preg Comp Specify	Character; Max Length = 128		
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258	IC Fetal Anomaly Specify	Initiating Cause, Fetal Anomaly Specify	Character; Max Length = 128		
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259	IC Fetal Injury Specify	Initiating Cause, Fetal Injury Specify	Character; Max Length = 128		
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260	IC Fetal Infection Specify	Initiating Cause, Fetal Infection Specify	Character; Max Length = 128		
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261	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.
263	OC Maternal Conditions/Diseases	Other Cause, Maternal Conditions/Diseases	Character; Max Length = 128	othsig1 - othsig6	***2003-2018*** 01 – Maternal conditions/Diseases 02 – Complications of placenta 03 – Other OB or Preg complices 04 – Fetal Anomaly05 – Fetal injury 06 – Fetal infection 07 – Other fetal conditions/disorders 08 - Unknown ***1980-2002*** Not Collected.
264	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

			U - Unknown		***1980-2002*** Not Collected.
266	OC Placental Insufficiency	Other Cause, Placental Insufficiency	Character; Max Length = 1 Y - Yes N - No U - Unknown	ot_insuf	***2003-2018*** Y - Yes N - No ***1980-2002*** Not Collected.
267	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	OC Other Placenta Cord Memb Comp	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	Other Cause, Fetal Anomaly Specify	Character; Max Length = 128		
273	OC Fetal Injury Specify	Other Cause, Fetal Injury Specify	Character; Max Length = 128		
274	OC Fetal Infection Specify	Other Cause, Fetal Infection Specify	Character; Max Length = 128		
275	OC Other Fetal Cond Specify	Other Cause, Other Fetal Cond Specify	Character; Max Length = 128		
276	Other Causes Unknown	Other Causes Unknown	Character; Max Length = 1 Y - Yes N - No U - Unknown		***2003-2018*** Y - Yes N - No ***1980-2002*** Not Collected.
277	Coded Initiating Condition	Coded Initiating Condition	Character; Max Length = 4	underly	
278	Coded Other Condition 1	Coded Other Condition 1	Character; Max Length = 4	multcs1	
279	Coded Other Condition 2	Coded Other Condition 2	Character; Max Length = 4	multcs2	
280	Coded Other Condition 3	Coded Other Condition 3	Character; Max Length = 4	multcs3	
281	Coded Other Condition 4	Coded Other Condition 4	Character; Max Length = 4	multcs4	
282	Coded Other Condition 5	Coded Other Condition 5	Character; Max Length = 4	multcs5	
283	Coded Other Condition 6	Coded Other Condition 6	Character; Max Length = 4	multcs6	

284	Coded Other Condition 7	Coded Other Condition 7	Character; Max Length = 4	multcs7	
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285	Method of Disposition	Method of Disposition	Character; Max Length = 1 _b = Burial _c = Cremation _R = Removal from State _d = Donation/Medical Research _ε = Entombment _O = Other _N = Body not recovered _U = Unknown	disptype	***2004-2018*** 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
286	Est Time of Fetal Death	Est Time of Fetal Death	Character: Max Length = 5 HH:MM; Unknown = 99:99	dth_hour and dth_min	dth_hour **1980-2018*** 00-24 99 - Unknown/Not Stated dth_min ***1992-2015*** 00-59 99 - Unknown/Not Stated ***1980-1991*** 30 - Default Value

287	Autopsy 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	autopsy	***2003-2018*** Y - Yes N - No P - Planned U - Unknown ***1992-2002*** Y - Yes N - No U - Unknown
288	HP Exam Performed	Histological Placental Exam Performed	Character; Max Length = 1 Y = Yes exam performed N = No exam not performed U = Unknown	placeexam	***2003-2018*** Y - Yes N - No P - Planned U - Unknown ***1980-2002*** Not collected
289	Results informed COD	Results of Autopsy Informed COD	Character; Max Length = 1 Y - Yes N - No U - Unknown	autcause	***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: Occurrence geographies are removed for WA residents giving birth out of state.

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

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	cnty_res	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_mprrt 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

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 <u>Single race</u> 10 - White 11 - Black	moracsum	Note: for the race codes below, AIAN = American Indian/Alaska Native; NHOPHI = 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		
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*** 0 - Non-Hispanic 1 - 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 – 8th grade or less (see dadle8ed, field 201) 2 – 9th-12th grade, no diploma
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 <i>Discontinued starting with 2018 data</i>	Character; Max Length = 3; See Milham Codes Spreadsheet	oecm_mom	***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	bcrydad	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

80	Father Race Amer Indian Alaskan	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
81	Father 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
82	Father 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
83	Father 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

84	Father 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
85	Father 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
86	Father 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
87	Father 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
88	Father Race 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
89	Father Race Guam or Chamorro	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
90	Father 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
91	Father Race Other PI	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
92	Father 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
93	Father Race Tribe 1	Character; Max Length = 120		
94	Father Race Tribe 2	Character; Max Length = 120		

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		

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 <u>Single race</u> 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		

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 - 8th grade or less (see dadle8ed, field 201) 2 - 9th-12th grade, no diploma
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	oecm_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***

118	Mother Weight Prior	Numeric; Max Length = 3 999 - Unknown/Not Stated	wghtpre	***1992-2016*** 999 - Unknown ***1980-1991***
119	Mother Weight at Delivery	Numeric; Max Length = 3 999 - Unknown/Not Stated	wghtdelv	***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	
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 st	
126	Packs Smoked 1st Tri	Numeric; Max Length = 4		
127	Cigarettes Smoked 2nd Tri	Numeric; Max Length = 4	cigs_2 nd	
128	Packs Smoked 2nd Tri	Numeric; Max Length = 4		
129	Cigarettes Smoked 3rd Tri	Numeric; Max Length = 4	cigs_3 rd	
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 3 - 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	llb_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 0 - 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
156	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	<u>Diabetes</u> ***2003-2016*** E - Prepregnancy G - Gestational
162	Gestational Diabetes	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, diabetes	<u>Diabetes</u> ***2003-2016*** E - Prepregnancy G - Gestational
163	Prepreg Hypertension	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, hyperflg	<u>Hypertension Flag</u> ***2003-2016*** E - Prepregnancy G - Gestational
164	Gestational Hypertension	Character; Max Length = 1 Y - Yes N - No U - Unknown	mrf1 - mrf6, hyperflg	<u>Hypertension Flag</u> ***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

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	Hep B	Character; Max Length = 1 Y - Yes N - No U - Unknown	minfect1 - minfect7	***2003-2016*** 01 - Gonorrhea 02 - Syphilis 03 - Herpes Simplex Virus (HSV)
181	Hep C	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, cephaflg	<u>External Cephalic Version Flag</u> ***2003-2016*** N - No S - Successful
189	ECV Failed	Character; Max Length = 1 Y - Yes N - No U - Unknown	obproc1 - obproc4, cephaflg	<u>External Cephalic Version Flag</u> ***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	Hysterectomy	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

215	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
216	Attempt Forceps	Character; Max Length = 1 Y - Yes N - No U - Unknown	forcfail	***2003-2016*** N - No Y - Yes U - Unknown
217	Attempt Vacuum	Character; Max Length = 1 Y - Yes N - No U - Unknown	vacfail	***2003-2016*** N - No Y - Yes U - Unknown
218	Fetal Presentation	Numeric; Max Length = 1 1 - Cephalic 2 - Breech 3 - Other	fet_pres	***2003-2016*** C - Cephalic B - Breech O - Other
219	Delivery Method Final	Numeric; Max Length = 1 1 - Spontaneous vaginal 2 - Forceps 3 - Vacuum	dmethfin	***2003-2016*** 1 - Spontaneous vaginal 2 - Forceps 3 - Vacuum

220	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.
221	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
222	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
223	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
224	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
225	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
226	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
227	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
228	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
229	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

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	<u>Down Syndrome Flag</u> ***2003-2016*** C - Confirmed P - Pending
241	Down Pending	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7, downsflg	<u>Down Syndrome Flag</u> ***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	<u>Chromosomal Disorder Flag</u> ***2003-2016*** C - Confirmed P - Pending
244	Other Chrom Pending	Character; Max Length = 1 Y - Yes N - No U - Unknown	malf1 - malf7, chromflg	<u>Chromosomal Disorder Flag</u> ***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	dthflag	
249	Death State File Number	Character; YYYY#####	certno	YYYY#####
250	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		

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		
258	DOB Month Discontinued starting with 2019 data	Numeric; Max Length = 2 MM	dthdobmo	
259	DOB Year Discontinued starting with 2019 data	Numeric; Max Length = 4 YYYY	dthdoby	

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: Occurrence 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
266	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	dispdte	***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.	Character; Max Length = 5	deageozp	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	dincity	***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)

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)

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)

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/icd10/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 99999999 - 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 Spreadsheet	city_inj	See WA County City Codes Spreadsheet
445	Injury County WA Code	Character; Max Length = 2; See WA County City Code Spreadsheet	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	