







## What is Electronic Data Submission (EDS)?

Electronic Data Submission (EDS) is an optional method for submitting NICU data to CPQCC. Instead of entering infant records one at a time through the NICU Data website, centers can submit many records at once in a comma separated values (.csv or .txt) file, saving time and effort. Extracting the data from the center's electronic medical record (EMR) removes the requirement for abstracting that information out by hand, which makes the whole process much more efficient.

### Benefits of EDS Participation

EDS allows a member center to upload many records at once, which can be very efficient, rather than having a staff member entering the records on the NICU Data website, one infant at a time. EDS may also get rid of the need to abstract data out of the EMR for entry.

### Caveats and Considerations

Centers that elect to participate in EDS are those that have set up database queries or other types of programs to extract data from their EMR into electronic files in the CPQCC NICU format, the specifications for which are in this manual.

Each participating center must build a system that is compatible with their own resources. It is very important that the system produces output files that meet CPQCC requirements for both data submissions and for documentation of the eligibility and enrollment status of individual infants.

For more information on infant eligibility, please see the manual [Is That Baby Eligible?](#) on the [NICU Data Resources](#) page of the CPQCC website.

An experienced programmer or software developer is an integral part of the data collection team for any center interested in participating in EDS. Only centers with programming staff available for building and testing data extraction procedures are encouraged to participate in EDS.

## How to Participate in EDS

### Centers Currently Participating in EDS

Centers who have participated in EDS in past years are encouraged to continue. Please read through these instructions and contact the CPQCC Data Center team with any specific questions you may have by submitting a [Help Desk](#) ticket.

### Centers That are New to EDS

Centers who are interested in participating in EDS are encouraged to read these instructions and assess their resources. If your center has the appropriate resources (at minimum, a programmer or developer available to build a system capable of producing CPQCC- standard files based on data extracted from the EMR), we will be happy to facilitate your participation. Centers will not

be able to submit through EDS unless they have been approved by the Data Center team. Please submit a [Help Desk](#) ticket to discuss your center's capacities and to make specific plans for submitting 2019 data via EDS.

## Important Terms

### Files (or Data Files)

Files must be sent as comma-separated value (.csv or .txt) text files only.

### File Names

Data files submitted to CPQCC must follow the specific file naming system explained below, or the files will be rejected.

Filenames must follow this pattern: **HnnnnEDSxxxx** where:

- “nnnn” represents the four-digit center ID number with leading zero(s). If you do not know your center ID number, please submit a .
- “xxxx” represents a four-digit sequential file number.

The file number must be sequentially numbered by the member's system to uniquely identify each electronic file submitted to CPQCC (no gaps in sequence). Since 2006, CPQCC has required members to assign their first file with number 1000. File numbers must stay sequential for all subsequent data submissions. Every file submitted after the first submission must have the file number incremented by 1 so that missing file submissions can be identified. Every record in a data file must have the same file number, and no file will be processed until the previous file number has been received and processed. In other words, you will eventually have files 1000, 1001, 1002, etc. **For example, the first EDS file submitted by Center 999 would be called H0999EDS1000, the second H0999EDS1001, etc.**

**NOTE:** each file must contain records from **only one** birth year. For example, you cannot include an infant born in 2018 in a file with infants born in 2019.

### Fields

A field contains a single piece of information about each unique admission being submitted to the NICU database. The new 2019 EDS Specifications for the NICU Database (which contain the NICU and Transport data sets) list the fields required for electronic submission of data beginning in 2019. The 2019 EDS Specifications specifies the ranges and coding rules for each field.

### File Contents

The first row of data must contain the field names, in correct order, for every file submitted. The field names and their order are listed in the new 2019 EDS Specifications document available on [CPQCC's website](#). These files do not have component tables or worksheets. A text file





- c. Filter the list so only the most recent updates are included and add ERR to the filter, so you can see whether the new records have any errors (you can also just enter ERR in the search box, but that will include any records with errors, not just those uploaded). To do this, enter the most recent update date into the search box as noted above, and select “Record status in-error due to errors on any form (ERRS)” from the drop-down box above the data table.
- d. If you find errors, run an error report by selecting **Data Reports > 2019** and selecting “Error Report” or “Error and Warning Report” from the list. This will display a table with a list of records showing errors (or errors and warnings). You will see:
  - i. Record ID – this identifies the individual record and is also a link directly to that record so you can correct it easily
  - ii. Issue # - if there are multiple issues with a single record, this number identifies each error individually. Records with a single error will display “1” here.
  - iii. Description of Data Issues – this will explain the problem with the record. If there is a warning, two radio buttons will show: Followed Up and Not Yet Followed Up. After reviewing the warning, select “follow up done” and “Save warning” otherwise, it will be left as “not yet followed up”.
  - iv. Form – where the error shows up: Admission/Discharge (AD) form, Delivery Room Death (DRD) form
  - v. Item in Question – the number and name of the field with the error.
  - vi. Current Data Value – the current value of the field with the error.

If you find a systematic error, please talk to your data team who creates the EDS files to have them address the problem.

- e. Note that you can also find all records that are pending after the update. To do this:
  - i. Select **Edit Data > 2019**
  - ii. Enter the most recent update date into the Search field
  - iii. Select “Record status pending due to pending (non-SIH) items on any form (PND)”.

This will cause a list of records with pending status to be displayed; these records will require additional edits.

## Submitting EDS Files (2018 Birth Year)

As noted before, records for infants born in 2018 may not be included in an EDS file with records for infants born in 2019.

Records for infants born in 2018 must be submitted or updated in the 2018 EDS format, as described in the 2018 EDS Instructions available on the .

Send any new records or updates to records for infants born in 2018 as zipped and EDS password protected files to the NICU Data site.



## Updating Records for Still In-House Infants Born in 2018

Records for infants born in 2018 MUST be submitted or updated through the NICU Data site at [www.cpqccdata.org](http://www.cpqccdata.org).

### Common File Errors

Here are some of the more common errors that you may see, and how to correct them. (Refer to submitting EDS Files section for instructions on how to review errors.)

The EDS Error Check function issues errors for any of the following conditions:

1. File name does not begin with the letter H. Make sure the file name fits the specifications in the [File Name](#) section.
2. File name does not have EDS in positions 6 through 8. The file must be named in the format “HnnnEDSxxxx”, where *nnnn* is your center number and *xxxx* is the file number in order of submission. For details, please see the [File Name](#) section.
3. File does not have the .zip extension. All files submitted must be compressed using the “zip” utility, which appends “.zip” to the file name. Make sure that your file is properly compressed and named before submitting.
4. Center is not approved for EDS submission based on the center ID number in the file name. Before starting your first EDS submission, make sure you have followed the instructions in the [Centers That are New to EDS](#) section.
5. File number is not in sequence (still allows addition of EDS file, but issues a user warning). As noted in #2 above, the file number (part of the file name) must be incremented by one for each submission (for example, 0120, 0121, 0122). If a file is detected with an out of sequence number (e.g. 0125), this may mean that one or more files were not uploaded when they should have been. Please check to make sure all files were uploaded properly as intended.
6. The EDS password is incorrect.
7. Either the zip file could not be unzipped successfully (the EDS password is incorrect), or the file or files in the zip archive are not named correctly (see the [File Name](#) section).
8. File number already present in master database. This means that the file number has already been used; please select the next available number in sequence after the last one submitted. File numbers can be viewed as follows:
  - a. Log into NICU Data
  - b. Select **Data Reports > 2019** from the navigation pane.
  - c. Select **EDS Activity**
9. Incorrect extension (extension is not .txt or .csv). Example: The .zip file was opened, the file or files it contained did not have the correct extension. Check to be sure that the file is of the correct type and then correct the extension before re-zipping) and uploading to the NICU data site.
10. Data fields required are not present or not in the correct order in submitted data (CSV files).
11. The submitted .csv file does not have the same file number and center number for all records.

12. The length of the file name, including the extension and period, does not equal to 16. See the [File Name](#) section for instructions on how to name data files, and correct the file name.
13. ZIP file is corrupted. Cannot use this file. The .zip file cannot be properly unzipped and read. You may need to recreate the .zip archive file. Use the test archive feature of your archiving software to ensure that the archive is not corrupt.

## Tracking Fields of the EDS Specifications

### NICU Database

CPQCC's NICU Database includes transport data. The 2019 EDS file is divided into three sections:

1. Tracking fields section (described below)
2. Transport data section (described in the [2019 CPQCC EDS Specifications](#))
3. NICU data section (described in the [2019 CPQCC EDS Specifications](#))

### Tracking Fields

The following fields are used for record and file control. Although these fields are not included on the transport and the NICU data collection forms, they are an important part of the export file and help to keep your data secure and organized.

#### File Number (FILENUM)

This must be the same as the number in the file's name. Files must be named in the format "HxxxxEDSnnnn.csv" (or .txt) and the **FILENUM** field must contain the file number *nnnn*. As noted earlier, all EDS files must be sequentially numbered to uniquely identify each file submitted to CPQCC (no gaps in sequence). The first file number submitted in 2019 **MUST** sequentially follow the last file number that was submitted in 2018. For example, if the last file number submitted in 2018 was 0999, then the first file number submitted for 2019 should be 1000. Every file submitted after the first submission must have the file number incremented by 1 so that missing file submissions can be identified (i.e., 1000, 1001, 1002). Every record in a data file must have the same file number, and no file will be processed until the previous file number has been processed.

#### File Date (FILEDATE)

The **FILEDATE** field contains the date that the file was uploaded or sent from your system. Every record in a file must have the same file date (mm/dd/yyyy).

#### Deleted Records (DELETED)

There are occasions when an infant's record must be removed from the database. For example, a user may discover that a reported infant was not eligible. To accommodate these situations, each record must include a field named **DELETED**. To delete a record, the **DELETED** field must



would be generated by NICU B. Discharge home from either NICU A or NICU B would trigger the end to that episode of care.

**NOTE:** The Center ID (HOSPNO) and Record ID fields must uniquely identify each record in an exported file.

In 2019 all members are advised NOT to skip 10 IDs between submission years UNLESS the user has not yet closed out the center's data for 2018. For example, if you are still submitting IDs for infants born in 2018 AND are also submitting new IDs for infants born in 2019, you may still skip 10 IDs between submission years to avoid overlapping. Otherwise, please continue with the next ID number that is in sequence with the previous ID number. For example, if the last infant in 2018 was 490, then the 2019 Starting ID Number should be 491. If you are unsure about your starting ID Number, please submit a [Help Desk](#) ticket.

## Records of Infants Who Do Not Transfer

If an infant does not transfer from your center to another hospital, all fields on the Transport/Post-Transport Form should be submitted with the appropriate N/A codes.

## Delivery Room Death Records

For infants who die in the delivery room, the fields that appear on the Admission/Discharge Form and Transport/Post-Transport Form, but which do not appear on the Delivery Room Death Form, must be coded using the appropriate not applicable N/A code.

## Appendices

### Appendix A. 2019 CPQCC EDS Specifications



None	<b>ACUTETRS</b>	Acute Transport-In Eligibility	Integer	{0, 1}	0=No, 1=Yes. Each record is tracked for eligibility into the CPeTS database. If [ACUTETRS]=1, then all variables starting with [T_*] must be filled out; otherwise if [ACUTETRS]=0, then CPeTS section should be Not Applicable. This field MUST be completed, otherwise the record will be rejected.
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**Section II. 2019 EDS Specifications for the CPeTS Database**

**NOTE: NEW & REVISED FIELDS FOR 2019 ARE HIGHLIGHTED in Yellow for CPeTS**

**PATIENT DIAGNOSIS**

**Transport Type**

<b>2019 Item</b>	<b>Field Name</b>	<b>Description</b>	<b>Field Type</b>	<b>Range of Possible Values</b>	<b>Coding Rules</b>
None	<b>T_SPECIALSITUATION</b>	Transport Special Situation	Char4	{0000}	0000=N/A, Record does NOT require a Transport Special Situation Override. Make sure to code this field as a character field, so the zeros are preserved.
				{1000}	1000=Situation A. Delivery Room Attendance: 7777=N/A TRIP Referral section first column Items C.20 through C.29 (T_COOLING1, T_COOLINGMETHOD1, T_RESP1, T_RESPRATE1, T_SA021, T_RESPSTATUS1, T_FIO21, T_HEARTRATE1, T_BPSYS1, T_BPDIA1, T_BPMEAN1, T_PRESSOR1, T_TEMP1, T_VENTMODE1). NOTE: Situation A CANNOT occur with any of the other three Special Situations.







<b>C.1</b>	<b>T_TYPE</b>	Transport Type	Integer	{1 - 5, 7}	1=Requested Delivery Attendance, 2= Emergent, 3=Scheduled Neonatal, 4=Other (Describe), 5=Urgent, 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1). NOTE: If [T_TYPE]=1, then C.20-C.29=7 or N/A and special situation A = 1000 should be coded.
<b>C.1</b>	<b>T_TYPEDESC</b>	Type Describe	Char50	{Description, 77}	Up to 50 alphanumeric characters; 77=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 or [T_TYPE] = {1,2,3,5})

**Indication for Transport**

**NOTE: A baby that is transported into your hospital for reasons of Staffing/Census Issues (Bed availability), Insurance restrictions, Growth/Discharge Planning, Chronic, or Hospice Care is NOT eligible, and you do not need to fill out this form.**

<b>C.2</b>	<b>T_TRANSCODE</b>	Indication for Transport	Integer	{2, 3, 7}	(Only if [ACUTETRS]=1): 2=Medical DX/RX Services, 3=Surgery; 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1)
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**Referral Date and Time (Time Sequence CPeTS)**

**NOTE: This is the same as Referral Date/Time in Item C.14. Submit this variable only once using this field.**

C.14	T_REFDATETIME	Date/Time of Referral (and Referring Hospital Evaluation)	Char16	{01 - 12}/{01 - 31}/{2019}{space} {00}:{00}; {07}/{07}/{1907}{ space}{07}:{07}; {09}/{09}/{1909}{ space}{09}:{09}	16 alphanumeric characters using forward slashes for the date, a {space} between date and time, and a colon between hour and minutes=mm/dd/yyyy{space}hh:mm; 07/07/1907 07:07=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1); 09/09/1909 09:09=Unknown. Note: Text file submitters MUST submit all Date/Time variables as string variable values enclosed in quotes. In other words in a comma separated ASCII file, a Date/Time variable must be submitted as "12/12/2019{space}12:00" instead of 12/12/2019{space}12:00.
Date/Time of Acceptance (Time Sequence CPeTS)					

<b>C.15</b>	<b>T_ACCDATETIME</b>	Date/Time of Acceptance	Char16	{01 - 12}/{01 - 31}/{2019}{space}{00}:{00}; {07}/{07}/{1907}{space}{07}:{07}; {09}/{09}/{1909}{space}{09}:{09}	16 alphanumeric characters using forward slashes for the date, a {space} between date and time, and a colon between hour and minutes=mm/dd/yyyy{space}hh:mm; 07/07/1907 07:07=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1); 09/09/1909 09:09=Unknown. NOTE: Text file submitters MUST submit all Date/Time variables as string variable values enclosed in quotes. In other words in a comma separated ASCII file, a Date/Time variable must be submitted as "12/12/2019{space}12:00" instead of 12/12/2019{space}12:00.
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**HISTORY AND DEMOGRAPHICS**

**Date & Time of Maternal Admission to Labor & Delivery**

<b>C.10</b>	<b>T_MADMDATETIME</b>	Date/Time of Mother's Admission to Perinatal Unit or L&D	Char16	{01 - 12}/{01 - 31}/{2019}{space}{00}:{00}; {07}/{07}/{1907}{space}{07}:{07}; {09}/{09}/{1909}{space}{09}:{09}	16 alphanumeric characters using forward slashes for the date, a {space} between date and time, and a colon between hour and minutes=mm/dd/yyyy{space}hh:mm; 07/07/1907 07:07=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1); 09/09/1909 09:09=Unknown. NOTE: Text file submitters MUST submit all Date/Time variables as string variable values enclosed in quotes. In other words in a comma separated ASCII file, a Date/Time variable must be submitted as "12/12/2019{space}12:00" instead of 12/12/2019{space}12:00.
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**Infant Birth Date and Time**

If [ACUTETRS]=1, then C.12 [T\_BDATETIME] must = [BDATE] in the CPQCC Section. Submit this variable once.

**Birth Weight**

If [ACUTETRS]=1 AND [T_BWGT] is not equal to 9999, then C.3 [T_BWGT] must = [BWGT] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section.					
<b>Best estimate of gestational age</b>					
If [ACUTETRS]=1, then C.4 [GA WEEKS, GADAYS] must = [GA WEEKS, GADAYS] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section.					
<b>Infant Sex</b>					
If [ACUTETRS]=1, then C.5 [SEX] must = [SEX] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section.					
<b>Congenital Anomalies</b>					
<b>C.6a</b>	<b>T_CMAL</b>	Major congenital anomaly Diagnosed Prenatally	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1), 9=Unknown
If [ACUTETRS]=1, then C.6b [T_BDCD1 to T_BDCD5] must = [BDCD1 to BDCD5] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section. For each record, there is a limit of only 5 congenital anomaly codes regardless if prenatally or post-natally diagnosed.					
<b>Mother's Date of Birth</b>					
If [ACUTETRS]=1, then C.7a [MDATE] must = [MDATE] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section.					
<b>Antenatal Steroids</b>					
If [ACUTETRS]=1, then C.8a [ASTER] must = [ASTER] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section.					
<b>Antenatal Conditions, Magnesium - Antenatal Magnesium Sulfate</b>					
If [ACUTETRS]=1, then C.8b [ANCMAMAGSULF] must = [ANCMAMAGSULF] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section.					
<b>Surfactant Use</b>					
If [ACUTETRS]=1, then C.9a [DRSURF] must = [DRSURF] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section.					
<b>C.9b</b>	<b>T_SURFX</b>	Surfactant Given at Any Time	Integer	{0, 1, 7, 9}	0= No, 1= Yes, 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1), 9= Unknown

<b>C.13</b>	<b>T_SURFXDATETIME</b>	Date/Time of Surfactant Administration	Char16	{01 - 12}/{01 - 31}/{2019}{space}{00}:{00}; {07}/{07}/{1907}{space}{07}:{07}; {09}/{09}/{1909}{space}{09}:{09}	16 alphanumeric characters using forward slashes for the date, a {space} between date and time, and a colon between hour and minutes=mm/dd/yyyy{space}hh:mm; 07/07/1907 07:07=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 or [T_surfx]=0); 09/09/1909 09:09=Unknown (only if [T_surfx]=9). While Text file submitters MUST submit all Date/Time variables as string variable values enclosed in quotes. In other words in a comma separated ASCII file, a Date/Time variable must be submitted as "12/12/2019{space}12:00" instead of 12/12/2019{space}12:00.
<b>INFANT CONDITIONS</b>					
<b>Date/Time at which infant condition was evaluated</b>					

**NOTE: This is the same as Referral Date/Time in Item C.14. Submit this variable only once.**

**Date/Time of Initial Evaluation by Transport Team within 15 minutes of Arrival at Referring Hospital**

<b>C.18</b>	<b>T_EVALINITDATETIME</b>	Date/Time of Initial Evaluation by Transport Team within 15 Minutes of Arrival at Referring Hospital	Char16	{01 - 12}/{01 - 31}/{2019}{space}{00}:{00}; {07}/{07}/{1907}{space}{07}:{07}; {09}/{09}/{1909}{space}{09}:{09}	16 alphanumeric characters using forward slashes for the date, a {space} between date and time, and a colon between hour and minutes=mm/dd/yyyy{space}hh:mm; 07/07/1907 07:07=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B); 09/09/1909 09:09=Unknown. NOTE: Text file submitters MUST submit all Date/Time variables as string variable values enclosed in quotes. In other words in a comma separated ASCII file, a Date/Time variable must be submitted as "12/12/2019{space}12:00" instead of 12/12/2019{space}12:00.
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**Date/Time of Initial Evaluation by Transport Team within 15 minutes of Arrival at Referring Hospital**

<b>C.19</b>	<b>T_EVALNICUDATETIME</b>	Date/Time of Arrival at Receiving NICU and Initial NICU Evaluation	Char16	{01 - 12}/{01 - 31}/{2019}{space}{00}:{00}; {07}/{07}/{1907}{space}{07}:{07}; {09}/{09}/{1909}{space}{09}:{09}	16 alphanumeric characters using forward slashes for the date, a {space} between date and time, and a colon between hour and minutes=mm/dd/yyyy{space}hh:mm; 07/07/1907 07:07=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1); 09/09/1909 09:09=Unknown. NOTE: Text file submitters MUST submit all Date/Time variables as string variable values enclosed in quotes. In other words in a comma separated ASCII file, a Date/Time variable must be submitted as "12/12/2019{space}12:00" instead of 12/12/2019{space}12:00.
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**Responsiveness**

<b>C.20</b>	<b>T_RESP1</b>	Responsiveness at Referral	Integer	{0, 1, 2, 3, 7, 9}	0=Death; 1=None, Seizures, Muscle Relaxant; 2=Lethargic, no cry; 3=Vigorously withdraws, cry; 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 or Special Situation A); 9=Unknown
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	<b>T_RESP2</b>	Responsiveness at Initial Evaluation	Integer	{0, 1, 2, 3, 7, 9}	0=Death; 1=None, Seizures, Muscle Relaxant; 2=Lethargic, no cry; 3=Vigorously withdraws, cry; 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B); 9=Unknown
	<b>T_RESP3</b>	Responsiveness at NICU Admission	Integer	{0, 1, 2, 3, 7, 9}	0=Death; 1=None, Seizures, Muscle Relaxant; 2=Lethargic, no cry; 3=Vigorously withdraws, cry; 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1); 9=Unknown
<b>Respiratory Rate (0 to 400)</b>					
<b>C.23</b>	<b>T_RESPRATE1</b>	Respiratory Rate at Referral	Integer	{0 - 400, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A), 999=Unknown
	<b>T_RESPRATE2</b>	Respiratory Rate at Initial Evaluation	Integer	{0 - 400, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B), 999=Unknown
	<b>T_RESPRATE3</b>	Respiratory Rate at NICU Admission	Integer	{0 - 400, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1), 999=Unknown
<b>Oxygen Saturation (SaO2) (0 to 100)</b>					
<b>C.24</b>	<b>T_SAO21</b>	Oxygen Saturation (SaO2) at Referral	Integer	{0 - 100, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A), 999=Unknown
	<b>T_SAO22</b>	Oxygen Saturation (SaO2) at Initial Evaluation	Integer	{0 - 100, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B), 999=Unknown
	<b>T_SAO23</b>	Oxygen Saturation (SaO2) at NICU Admission	Integer	{0 - 100, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1), 999=Unknown
<b>Respiratory Status</b>					
<b>C.25</b>	<b>T_RESPSTATUS1</b>	Respiratory Status at Referral	Integer	{1, 2, 3, 7, 9}	1=Respirator; 2=Severe apnea, gasping, intubated but not on respirator; 3=Other; 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A); 9=Unknown

<b>T_RESPSTATUS2</b>	Respiratory Status at Initial Evaluation	Integer	{1 , 2, 3, 7, 9}	1=Respirator; 2=Severe apnea, gasping, intubated but not on respirator; 3=Other; 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B); 9=Unknown
<b>T_RESPSTATUS3</b>	Respiratory Status at NICU Admission	Integer	{1 , 2, 3, 7, 9}	1=Respirator; 2=Severe apnea, gasping, intubated but not on respirator; 3=Other; 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1); 9=Unknown

**Oxygen Index (for infants on respirator only)**

<b>C.26</b>	<b>Inspired Oxygen Concentration (FiO2) (21 to 100)</b>			
<b>T_FIO21</b>	Inspired Oxygen Concentration (FIO2) at Referral	Integer	{21 - 100, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1) OR [T_RESPSTATUS1] in {2, 3} OR [T_TYPE]=1 OR Special Situation A), 999=Unknown (always if [T_RESPSTATUS1]=9)
<b>T_FIO22</b>	Inspired Oxygen Concentration (FIO2) at Initial Evaluation	Integer	{21 - 100, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1) OR [T_RESPSTATUS2] in {2, 3} OR Special Situation B), 999=Unknown (always if [T_RESPSTATUS2]=9)
<b>T_FIO23</b>	Inspired Oxygen Concentration (FIO2) at NICU Admission	Integer	{21 - 100, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_RESPSTATUS3] in {2, 3}), 999=Unknown (always if [T_RESPSTATUS3]=9)

**Heart Rate (0 to 400)**

<b>C.22</b>	<b>T_HEARTRATE1</b>	Heart Rate at Referral	Integer	{0 - 400, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1) OR [T_TYPE]=1 or Special Situation A), 999=Unknown
	<b>T_HEARTRATE2</b>	Heart Rate at Initial Evaluation	Integer	{0 - 400, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1) OR Special Situation B), 999=Unknown
	<b>T_HEARTRATE3</b>	Heart Rate at NICU Admission	Integer	{0 - 400, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1), 999=Unknown

**Blood Pressure**

<b>C.28a</b>	<b>Systolic (0 to 140)</b>				
	<b>T_BPSYS1</b>	Systolic Blood Pressure at Referral	Integer	{0 - 140, 777, 888, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A), 888=Too Low to Register, 999=Unknown
	<b>T_BPSYS2</b>	Systolic Blood Pressure at Initial Evaluation	Integer	{0 - 140, 777, 888, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B), 888=Too Low to Register, 999=Unknown
	<b>T_BPSYS3</b>	Systolic Blood Pressure at NICU Admission	Integer	{0 - 140, 777, 888, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1), 888=Too Low to Register, 999=Unknown
<b>C.28b</b>	<b>Diastolic (0 to 100)</b>				
	<b>T_BPDIA1</b>	Diastolic Blood Pressure at Referral	Integer	{0 - 100, 777, 888, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A), 888=Too Low to Register, 999=Unknown
	<b>T_BPDIA2</b>	Diastolic Blood Pressure at Initial Evaluation	Integer	{0 - 100, 777, 888, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B), 888=Too Low to Register, 999=Unknown
	<b>T_BPDIA3</b>	Diastolic Blood Pressure at NICU Admission	Integer	{0 - 100, 777, 888, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1), 888=Too Low to Register, 999=Unknown
<b>C.28c</b>	<b>Mean (0 to 100)</b>				
	<b>T_BPMEAN1</b>	Mean Blood Pressure at Referral	Integer	{0 - 100, 777, 888, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A), 888=Too Low to Register, 999=Unknown
	<b>T_BPMEAN2</b>	Mean Blood Pressure at Initial Evaluation	Integer	{0 - 100, 777, 888, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B), 888=Too Low to Register, 999=Unknown

	<b>T_BPMEAN3</b>	Mean Blood Pressure at NICU Admission	Integer	{0 - 100, 777, 888, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1), 888=Too Low to Register, 999=Unknown
<b>Use of Pressors</b>					
<b>C.29</b>	<b>T_PRESSOR1</b>	Use of Pressors at Referral	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [ACUTETRS]=0 OR [T_TYPE]=1 OR Special Situation A), 9=Unknown
	<b>T_PRESSOR2</b>	Use of Pressors at Initial Evaluation	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [ACUTETRS]=0 OR Special Situation B), 9=Unknown
	<b>T_PRESSOR3</b>	Use of Pressors at NICU Admission	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [ACUTETRS]=0), 9=Unknown
<b>Temperature (20 to 45 Celsius)</b>					
<b>C.21a</b>	<b>T_TEMP1</b>	Temperature (20 to 45 Celsius) at Referral	Double	{20.0 - 45.0, 777.7, 888.8, 999.9}	20.0 -45.0 degrees Celcius, 777.7=N/A (only if [ACUTETRS]=0 OR [T_TYPE]=1 OR [DELDIE]=1 OR Special Situation A), 999.9=Unknown, 888.8=Too Low to Register - Note: Enter if the attempted reading is lower than the thermometer could measure.
<b>C.21a</b>	<b>T_TEMP2</b>	Temperature (20 to 45 Celsius) at Referral at Initial Evaluation	Double	{20.0 - 45.0, 777.7, 888.8, 999.9}	20.0 -45.0 degrees Celcius, 777.7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B), 999.9=Unknown, 888.8=Too Low to Register - Note: Enter if the attempted reading is lower than the thermometer could measure.
<b>NOTE: If [ACUTETRS]=1, then C.21a [T_TEMP3] must = 22b [ATEMP] in the CPQCC Section.</b>					
<b>C.21a</b>	<b>T_TEMP3</b>	Temperature (20 to 45 Celsius) at Referral at NICU Admission	Double	{20.0 - 45.0, 777.7, 888.8, 999.9}	20.0 -45.0 degrees Celcius, 777.7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1), 999.9=Unknown, 888.8=Too Low to Register - Note: Enter if the attempted reading is lower than the thermometer could measure.

Cooling					
<b>C.21b</b>	<b>T_COOLING1</b>	Cooling for HIE at Referral	Integer	{0,1,7, 9}	0=No, 1=Yes, 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 or Special Situation A), 9=Unknown
<b>C.21b</b>	<b>T_COOLING2</b>	Cooling for HIE at Initial Evaluation	Integer	{0,1,7, 9}	0=No, 1=Yes, 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B), 9=Unknown
<b>C.21b</b>	<b>T_COOLING3</b>	Cooling for HIE at NICU Admission	Integer	{0,1,7, 9}	0=No, 1=Yes, 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1), 9=Unknown
<b>C.21c</b>	<b>T_COOLINGMETHOD1</b>	Type of Hypothermic Therapy for HIE at Referral (Check the last method used)	Integer	{1,2,3,4,7, 9}	1=Passive, 2=Selective Head, 3=Whole Body, 4=Other (if [T_COOLING1]=1, 7=N/A (if [T_COOLING1]=0 OR [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A), 9=Unknown (always if [T_COOLING1]=9)
<b>C.21c</b>	<b>T_COOLINGMETHOD2</b>	Type of Hypothermic Therapy for HIE at Initial Evaluation (Check the last method used)	Integer	{1,2,3,4,7, 9}	1=Passive, 2=Selective Head, 3=Whole Body, 4=Other (if [T_COOLING2]=1, 7=N/A (if [T_COOLING2]=0 OR [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B), 9=Unknown (always if [T_COOLING2]=9)
<b>C.21c</b>	<b>T_COOLINGMETHOD3</b>	Type of Hypothermic Therapy for HIE at NICU Admission (Check the last method used)	Integer	{1,2,3,4,7, 9}	1=Passive, 2=Selective Head, 3=Whole Body, 4=Other (if [T_COOLING3]=1, 7=N/A (if [T_COOLING3]=0 OR [ACUTETRS]=0 OR [DELDIE]=1), 9=Unknown (always if [T_COOLING3]=9)
Respiratory Support					

<b>C.27</b>	<b>T_VENTMODE1</b>	Respiratory Support at Referral	Integer	{0, 1, 2, 3, 7, 9}	0=None, 1=Hood/NC,Blowby, 2=Nasal CPAP, 3=ETT, 7=N/A (only if [ACUTETRS]=0) OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A), 9=Unknown
<b>C.27</b>	<b>T_VENTMODE2</b>	Respiratory Support at Initial Evaluation	Integer	{0, 1, 2, 3, 7, 9}	0=None, 1=Hood/NC,Blowby, 2=Nasal CPAP, 3=ETT, 7=N/A (only if [ACUTETRS]=0) OR [DELDIE]=1 OR Special Situation B), 9=Unknown
<b>C.27</b>	<b>T_VENTMODE3</b>	Respiratory Support at NICU Admission	Integer	{0, 1, 2, 3, 7, 9}	0=None, 1=Hood/NC,Blowby, 2=Nasal CPAP, 3=ETT, 7=N/A (only if [ACUTETRS]=0) OR [DELDIE]=1), 9=Unknown
<b>REFERRAL PROCESS</b>					
<b>Referring Hospital</b>					
<b>C.30</b>	<b>T_REFERRINGHOSPITAL</b>	Referring Hospital	Char6	{OSHPD ID, 777777}	Valid OSHPD ID number (see list); 777777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1)
<b>Previous Transfer?</b>					
<b>C.31a</b>	<b>T_FIRSTTRANS</b>	Is This The First Transfer for This Infant?	Integer	{0, 1, 7}	0=No , this was NOT the infant's first transfer, 1=Yes, infant transferred for the first time, 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1)
<b>C.31b</b>	<b>T_PREVHOSPITAL</b>	Previously Transfer Referring Hospital	Char6	{OSHPD ID, 777777}	Valid OSHPD ID number (see list); 777777=N/A (if [T_firstTrans] = 1 OR [ACUTETRS]=0 OR [DELDIE]=1)
<b>Location of Birth</b>					
<b>NOTE: If [ACUTETRS]=1, then C.32 [BIRTHLOCATION] must = [BIRTHLOCATION] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section.</b>					
<b>Transport Team On-Site Leader</b>					
<b>C.33</b>	<b>T_TEAMLEADER</b>	Team Leader	Integer	{1, 2, 3, 4, 5, 6, 7}	1=Sub-Specialist, 2=Pediatrician, 3=Other MD/Resident, 4=Neonatal Nurse Practitioner, 5=Transport Specialist, 6=Nurse, 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1)

Team Baser					
<b>C.34a</b>	<b>T_TEAMBASE</b>	Team Base	Integer	{1, 2, 3, 7}	1=Receiving Hospital, 2=Contract Service, 3=Referring Hospital, 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1) For Special Situation B, this item is always 3.
<b>C.34b</b>	<b>T_TEAMBASECS</b>	Contract Service used	Char6	{Contract Service ID Number, 777777}	If [T_teamBase]=2, valid contract service ID number (see list); 777777 if [T_teamBase] = {1,3} OR [ACUTETRS]=0 OR [DELDIE]=1)
Mode of Transport					
<b>C.35</b>	<b>T_TRANSMODE</b>	Mode of Transport	Integer	{1, 2, 3, 7}	1=Ground, 2=Helicopter, 3=Fixed Wing, 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1)
Date/Time of Transport Team Departure for Referring Hospital					
<b>C.16</b>	<b>T_TTDEPDATETIME</b>	Date/Time of Transport Team Departure from Transport Team Office/NICU for Referring Hospital	Char16	{01 - 12}/{01 - 31}/{2019}{space}{00}:{00}; {07}/{07}/{1907}{space}{07}:{07}; {09}/{09}/{1909}{space}{09}:{09}	16 alphanumeric characters using forward slashes for the date, a {space} between date and time, and a colon between hour and minutes=mm/dd/yyyy{space}hh:mm; 07/07/1907 07:07=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B); 09/09/1909 09:09=Unknown. NOTE: Text file submitters MUST submit all Date/Time variables as string variable values enclosed in quotes. In other words in a comma separated ASCII file, a Date/Time variable must be submitted as "12/12/2019{space}12:00" instead of 12/12/2019{space}12:00.
Date/Time of Arrival of Transport Team at Referring Hospital					

<b>C.17</b>	<b>T_TTARRDATETIME</b>	Date/Time of Transport Team Arrival at Referring Hospital/Patient Bedside	Char16	{01 - 12}/{01 - 31}/{2019}{space}{00}:{00}; {07}/{07}/{1907}{space}{07}:{07}; {09}/{09}/{1909}{space}{09}:{09}	16 alphanumeric characters using forward slashes for the date, a {space} between date and time, and a colon between hour and minutes=mm/dd/yyyy{space}hh:mm; 07/07/1907 07:07=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B); 09/09/1909 09:09=Unknown. NOTE: Text file submitters MUST submit all Date/Time variables as string variable values enclosed in quotes. In other words in a comma separated ASCII file, a Date/Time variable must be submitted as "12/12/2019{space}12:00" instead of 12/12/2019{space}12:00.
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**User Comment Box**

	<b>T_USERCOMMENT</b>	User Comment Box	Char256	{Description, 77}	Up to 256 alphanumeric characters; 77=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1)
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**Section III. 2019 EDS Specifications for the CPQCC Database**

**NOTE: NEW & REVISED FIELDS FOR 2019 ARE HIGHLIGHTED IN Yellow for CPQCC**

Tracking Fields (See Section I for Tracking Fields)

**IDENTIFICATION AND DEMOGRAPHICS**

<b>2019 Item</b>	<b>Field Name</b>	<b>Description</b>	<b>Field Type</b>	<b>Range of Possible Values</b>	<b>Coding Rules</b>
<b>NOTE: If [ACUTETRS]=1 AND [T_BWGT] is not equal to 9999, then C.3 [T_BWGT] must = [BWGT] in the CPQCC Section.</b>					
<b>1</b>	<b>BWGT</b>	Birth Weight (in Grams)	Long Integer	{1 - 7000}	For infants born in <b>2019</b> , birth weight can be 400 grams or less <b>ONLY IF</b> [GAWEEKS] is between 22 and <b>31 completed</b> weeks.



<b>2</b>	<b>BHEADCIR</b>	Head Circumference at Birth (in cm to nearest 10th of a cm)	Double	{10.0 - 70.0, 777.7, 999.9}	777.7 if {BYEAR} <2006; 10.0 to 70.0, 999.9 if [BYEAR]>= 2006; Codes: 777.7 = N/A (Not Done), 999.9 = Unknown
<b>NOTE: If [ACUTETRS]=1, then C.4 [GAWEEKS, GADAYS] must = [GAWEEKS, GADAYS] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section.</b>					
<b>3a</b>	<b>GAWEEKS</b>	Best Estimate of Gestational Age -- Weeks	Integer	{15 - 46, 99}	If [ACUTETRS]=1, then C.8 [GAWEEKS] must = [GAWEEKS] in CPQCC Section; 99=Unknown
<b>3b</b>	<b>GADAYS</b>	Best Estimate of Gestational Age -- Days	Integer	{0 - 6, 99}	If [ACUTETRS]=1, then C.8 [GADAYS] must = [GADAYS] in CPQCC Section; 99=Unknown
<b>NOTE: If [ACUTETRS]=1, then C.12 [T_BDATETIME] must = [BDATE] in the CPQCC Section. Submit this variable once.</b>					

<b>4a.</b>	<b>BDATETIME</b>	Birth Date/Time	Char16	{01 - 12}/{01 - 31}/{2019}{space}{00-23}:{00-59}; {01 - 12}/{01 - 31}/{2019}{space}{99}:{99}	16 alphanumeric characters using forward slashes for the date, a {space} between date and time, and a colon between hour and minutes=mm/dd/yyyy{space}hh:mm;  {01-12}/{01-31}/{2019} {00-23}:{00-59}= Date & Time of Birth if time of birth is known {01-12}/{01-31}/{2019} {99:99} = Date & Time of birth if time of birth is unknown  NOTE: Text file submitters MUST submit all Date/Time variables as string variable values enclosed in quotes. In other words in a comma separated ASCII file, a Date/Time variable must be submitted as "12/12/2019{space}12:00" instead of 12/12/2019{space}12:00. NOTE: If [ACUTETRS]=1, then T.6 [T_BDATE] must = [BDATE] in the CPQCC Section. Submit this variable once.
<b>NOTE: If [ACUTETRS]=1, then C.5 [SEX] must = [SEX] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section.</b>					
<b>5</b>	<b>SEX</b>	Sex of infant	Integer	{0, 1, 9}	If [ACUTETRS]=1, then C.9 [SEX] must = [SEX] in CPQCC Section; 0=Female, 1=Male, 9=Unknown
<b>6</b>	<b>DELDIE</b>	Delivery Room Death	Integer	{0, 1}	0=No, 1=Yes
<b>7a</b>	<b>LOCATE</b>	Location of Birth	Integer	{0, 1, 2}	0=Inborn; 1=Outborn; 2=Born at Co-located Hospital (Satellite NICU ONLY). Always 0 if [DELDIE]=1.

<b>7b</b>	<b>DAYADMISS</b>	Age in days at admission	Integer	{1 - 28, 77}	1 to 28 for outborn infants or inborn infants not meeting Small Baby criteria. DAYADMISS for inborn infants 401 to 1,500 grams or 22 to 29 <b>completed</b> weeks gestation should be 1. Note: Currently a value of 77 is accepted for inborn infants 401 to 1,500 grams or 22 to 29 <b>completed</b> weeks gestation and mapped to 1 by the EDS intake routine.
<b>NOTE: If [ACUTETRS]=1, then C.32 [BIRTHLOCATION] must = [BIRTHLOCATION] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section. A home birth does NOT qualify for checking "Previously Discharged Home From a Hospital after Birth."</b>					
<b>7c</b>	<b>BIRTHLOCATION</b>	Hospital of Birth (for Outborn Infants)	Char6	{OSHPD ID number, 777777}	777777 if [BYEAR]<2008 or [LOCATE]=0; valid OSHPD ID number (see list)
<b>8a</b>	<b>PDH</b>	Was Previously Discharged Home after Birth (Outborn Infants).	Integer	{0, 1, 7}	0=Never Discharged Home from a Hospital after Birth (Only if [LOCATE]=1), 1=Was Previously Discharged Home after Birth (Only if [LOCATE]=1), 7=N/A (only if [DELDIE]=1 OR [LOCATE] in {0,2}).

<b>8b</b>	<b>READMIT</b>	Infant Readmitted to your Hospital (for Outborn Infants previously discharged home)	Integer	{0, 1, 7}	0=No (Only if [PDH]=1 and infant was not in your center's NICU prior to home discharge), 1=Yes (Only if [PDH]=1 and infant was in your center's NICU prior to home discharge), 7=N/A (only if [DELDIE]=1 OR [LOCATE] in {0,2} OR [PDH] in {0,7})
<b>MATERNAL HISTORY, DELIVERY ROOM CARE, AND SURFACTANT USE</b>					
<b>NOTE: If [ACUTETRS]=1, then C.7a [MDATE] must = [MDATE] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section.</b>					
<b>9</b>	<b>MDATE</b>	Mother's Date of Birth	Date	{Range depends on mother's age on infant's birth date, 09/09/1909}	Date format mm/dd/yyyy; 09/09/1909=Unknown
	<b>MAGE</b>	Mother's Age at Infant's Birth (Age Last Birthday)	Integer	{10 - 60, 99}	99=Unknown
<b>10a</b>	<b>HISP</b>	Is Mother of Hispanic Origin?	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
<b>10b</b>	<b>MATRACE</b>	Maternal Race	Integer	{1, 3, 4, 5, 6, 7, 99}	1=Black, 3=White, 4=Asian, 5=American Indian or Alaska Native, 6=Native Hawaiian or Pacific Islander, 7=Other identified race, 99=Unknown
<b>11</b>	<b>PCARE</b>	Prenatal Care	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>12</b>	<b>GROUPBSTREP</b>	Group B Strep Positive	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=Not Done, 9=Unknown

**NOTE: If [ACUTETRS]=1, then C.8a [ASTER] must = [ASTER] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section.**

<b>13a</b>	<b>ASTER</b>	Antenatal Steroids Received Prior to Delivery	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
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**NOTE: Starting from 2018, this item [ASTERDOCUMENT] is only applicable and OPTIONAL for inborn infants who are <34 weeks gestational age.**

<b>13b</b>	<b>ASTERDOCUMENT</b>	Documentation in the medical record for reasons for NOT initiating antenatal steroid therapy before delivery.	Integer	{0,1, 7, 9}	0=No (If [ASTER]=0 AND [LOCATE] in {0,2}), 1=Yes (If [ASTER]=0 AND [LOCATE] in {0,2}), 7=N/A (Always if [ASTER]=1 OR [LOCATE]=1 OR [GAWEEKS]>33), 9=Unknown (Always if [ASTER]=9)
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**NOTE: Starting from 2018, this item [ASTERREASON] is only applicable and OPTIONAL for inborn infants who are <34 weeks gestational age.**

<b>13c</b>	<b>ASTERREASON</b>	If Yes, what was the documented reason for NOT administering antenatal steroids?	Integer	{0, 1, 2, 3, 4, 5, 6, 7, 77, 99}	1=Chorioamnionitis (if [ASTERDOCUMENT]=1), 2=Other active infection (if [ASTERDOCUMENT]=1), 3=Immediate delivery (if [ASTERDOCUMENT]=1), 4=Fetus has anomalies incompatible with life (if [ASTERDOCUMENT]=1), 5=History of adverse reaction to corticosteroids (if [ASTERDOCUMENT]=1), 6=Comfort Care (if [ASTERDOCUMENT]=1), 7=Other (if [ASTERDOCUMENT]=1), 77=N/A (only if [ASTERDOCUMENT]=0 OR [ASTER]=1 OR [LOCATE]=1 OR [GAWEEKS]>33), 99=Unknown (always if [ASTER]=9 OR [ASTERDOCUMENT]=9)
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<b>14</b>	<b>SPLABOR</b>	Spontaneous Labor. Did the Mother Go into Labor on Her Own?	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
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<b>15a</b>	<b>MULT</b>	Multiple Births or Gestation	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown; Note: At least one fetus must survive beyond 20 weeks
<b>15b</b>	<b>NBIRTHS</b>	Number of Infants Delivered	Integer	{1 - 10, 77, 99}	77 if [MULT]=0 or [BYEAR]<2013; 1 TO 10 if [MULT]=1; 77=N/A (only if [MULT]=0); 99=Unknown (always if [MULT]=9)
<b>15c</b>	<b>BIRTHORDER</b>	Birth Order for Multiple Births	Integer	{1- 10 [NBIRTHS], 77, 99}	1 TO 10 [NBIRTHS] if [MULT]=1; 77=N/A (only if [MULT]=0); 99=Unknown (always if [MULT]=9 OR [NBIRTHS]=99)
<b>16</b>	<b>DELMOD</b>	Mode of Delivery	Integer	{0, 1, 2, 9}	0=Cesarean Section; 1=Normal or Spontaneous Vaginal; 2=Operative Vaginal, 9=Unknown
<b>ANTENATAL CONDITIONS: EVENTS THAT MAY AFFECT THE PREGNANCY AND/OR DELIVERY OF THE INFANT</b>					
<b>Maternal</b>					
<b>17a</b>	<b>ANCMHYP</b>	Maternal: Hypertension	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>17a</b>	<b>ANCMCHORIO</b>	Maternal: Chorioamionitis	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>17a</b>	<b>ANCMOINF</b>	Maternal: Other Infection	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>17a</b>	<b>ANCMDIA</b>	Maternal: Diabetes	Integer	{0,1, 9}	0=No, 1=Yes, 9=Unknown
<b>17a</b>	<b>ANCMAMAGSULF</b>	Maternal: Antenatal Magnesium Sulfate	Integer	{0,1, 9}	0=No, 1=Yes, 9=Unknown
<b>17a</b>	<b>ANCMCES</b>	Maternal: Previous Cesarean	Integer	{0,1, 9}	0=No, 1=Yes, 9=Unknown
<b>17a</b>	<b>ANCMOTH</b>	Maternal: Other	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>17a</b>	<b>ANCMDESC</b>	Description of 'Other'	Char50	{Description, 77, 99}	Up to 50 alphanumeric characters; 77=N/A if [ANCMOTH]=0, 99=Unknown if [ANCMOTH]=9
<b>Fetal</b>					
<b>17b</b>	<b>ANCFIUGR</b>	Fetal: IUGR	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>17b</b>	<b>ANCFDIS</b>	Fetal: Non-reassuring Fetal Status	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown

<b>17b</b>	<b>ANCFANO</b>	Fetal: Anomaly	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>17b</b>	<b>ANCFOTH</b>	Fetal: Other	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>17b</b>	<b>ANCFDESC</b>	Description of 'Other'	Char50	{Description, 77, 99}	Up to 50 alphanumeric characters; 77=N/A if [ANCFOTH]=0, 99=Unknown if [ANCFOTH]=9

### Obstetrical

<b>17c</b>	<b>ANCOLABOR</b>	Obstetrical: Preterm Labor (regular contractions in the context of cervical change at >37 wks)	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>17c</b>	<b>ANCOPREPROM</b>	Obstetrical:Preterm Premature ROM (<37 wks)	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>17c</b>	<b>ANCOPREROM</b>	Obstetrical: Term Premature ROM (rupture BEFORE the onset of labor, not premature gestation)	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A if [GAWEEKS]=<37, 9=Unknown
<b>17c</b>	<b>ANCOPROM</b>	Obstetrical: Prolonged ROM (>18 hour)	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>17c</b>	<b>ANCOMAL</b>	Obstetrical: Malpresentation / Breech	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>17c</b>	<b>ANCOBLEED</b>	Obstetrical: Bleeding / Abruption / Previa	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>17c</b>	<b>ANCOOTH</b>	Obstetrical: Other	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>17c</b>	<b>ANCODESC</b>	Description of 'Other'	Char50	{Description, 77, 99}	Up to 50 alphanumeric characters; 77=N/A if [ANCOOTH]=0, 99=Unknown if [ANCOOTH]=9

Indication for Cesarean Delivery. What are the indications? All applicable indications may be recorded. Mandatory for all CPQCC-eligible infants.

**NOTE: These indications only apply if the birth was cesarean. For Vaginal Births all of these must be coded 7 = N/A**

<b>18</b>	<b>INDCESBR</b>	Indication for Cesarean Delivery -- Malpresentation / Breech	Integer	{0, 1, 7, 9}	0=No (if [DELMOD]=0), 1=Yes (if [DELMOD]=0), 7=N/A (only if [DELMOD] in {1,2}), 9=Unknown (always if [DELMOD]=9)
<b>18</b>	<b>INDCESMG</b>	Indication for Cesarean Delivery -- Multiple Gestation	Integer	{0, 1, 7, 9}	0=No (if [DELMOD]=0), 1=Yes (if [DELMOD]=0), 7=N/A (only if [DELMOD] in {1,2}), 9=Unknown (always if [DELMOD]=9)
<b>18</b>	<b>INDCESFD</b>	Indication for Cesarean Delivery -- Non-reassuring Fetal Status	Integer	{0, 1, 7, 9}	0=No (if [DELMOD]=0), 1=Yes (if [DELMOD]=0), 7=N/A (only if [DELMOD] in {1,2}), 9=Unknown (always if [DELMOD]=9)
<b>18</b>	<b>INDCESER</b>	Indication for Cesarean Delivery -- Elective	Integer	{0, 1, 7, 9}	0=No (if [DELMOD]=0), 1=Yes (if [DELMOD]=0), 7=N/A (only if [DELMOD] in {1,2}), 9=Unknown (always if [DELMOD]=9)
<b>18</b>	<b>INDCESDY</b>	Indication for Cesarean Delivery -- Dystocia/Failure to Progress	Integer	{0, 1, 7, 9}	0=No (if [DELMOD]=0), 1=Yes (if [DELMOD]=0), 7=N/A (only if [DELMOD] in {1,2}), 9=Unknown (always if [DELMOD]=9)
<b>18</b>	<b>INDCESPP</b>	Indication for Cesarean Delivery -- Placental Problems	Integer	{0, 1, 7, 9}	0=No (if [DELMOD]=0), 1=Yes (if [DELMOD]=0), 7=N/A (only if [DELMOD] in {1,2}), 9=Unknown (always if [DELMOD]=9)
<b>18</b>	<b>INDCESHTN</b>	Indication for Cesarean Delivery -- Hypertension	Integer	{0, 1, 7, 9}	0=No (if [DELMOD]=0), 1=Yes (if [DELMOD]=0), 7=N/A (only if [DELMOD] in {1,2}), 9=Unknown (always if [DELMOD]=9)
<b>18</b>	<b>INDCESOTH</b>	Indication for Cesarean Delivery -- Other	Integer	{0, 1, 7, 9}	0=No (if [DELMOD]=0), 1=Yes (if [DELMOD]=0), 7=N/A (only if [DELMOD] in {1,2}), 9=Unknown (always if [DELMOD]=9)



<b>18</b>	<b>INDCESDESC</b>	Indication for Cesarean Delivery -- Other Description	Char50	{Description, 77, 99}	Up to 50 alphanumeric characters characters (if [DELMOD]=0 AND [INDCESOTH]=1); 77=N/A (only if [INDCESOTH] in {0,7}); 99=Unknown (always if [INDCESOTH]=9 OR [DELMOD]=9)
<b>19a</b>	<b>DCCDONE</b>	Was delayed umbilical cord clamping performed?	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>19b</b>	<b>DCCTIME</b>	How long was umbilical cord clamping delayed?	Integer	{2, 3, 4, 7, 9}	2= 30-60 seconds (if [DCCDONE]=1), 4=61-120 seconds (if [DCCDONE]=1), 5= > 120 seconds (if [DCCDONE]=1), 7= N/A (only if [DCCDONE]=0), 9=Unknown (always if [DCCDONE]=9)
<b>19c</b>	<b>DCCNOTWHY</b>	If DCC was not done, reason why (OPTIONAL)?	Integer	{1, 2, 6, 7, 9}	1=Maternal Bleeding (if [DCCDONE]=0), 2= Neonatal Causes (if [DCCDONE]=0), 6=Other (if [DCCDONE]=0), 7= N/A (only if [DCCDONE]=1), 9= Confirmed Unknown (always if [DCCDONE]=9)
<b>19c.</b>	<b>DCCNOTWHYDESC</b>	Description of "Other" (OPTIONAL)	Char64	{77,99,Description}	Up to 64 alphanumeric characters characters , 77=N/A (only if [DCCDONE]=1 OR [DCCNOTWHY] in {1,2}), 99=Unknown (always if [DCCDONE]=9 OR [DCCNOTWHY]=9)
<b>19d</b>	<b>DCCCORDMILK</b>	Was umbilical cord milking performed?	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>19e</b>	<b>DCCBREATH</b>	Did breathing begin before umbilical cord clamping?	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>20</b>	<b>AP1</b>	Apgar Score - 1 minute	Integer	{0 - 10, 77, 99}	77 = N/A (Not Done); 99=Unknown
<b>20</b>	<b>AP5</b>	Apgar Score - 5 minute	Integer	{0 - 10, 77, 99}	77 = N/A (Not Done); 99=Unknown
<b>20</b>	<b>AP10</b>	Apgar Score - 10 minute	Integer	{0 - 10, 77, 99}	77=N/A (Not Done); 99=Unknown

<b>21a</b>	<b>PA</b>	Suspected Encephalopathy or Suspected Perinatal Asphyxia	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (if [BWGT]<=1500 OR [DELDIE]=1), 9=Unknown
<b>21b</b>	<b>GAS</b>	Umbilical cord blood gas or baby blood gas in the first hour of life available	Integer	{0, 1, 7, 9}	0=No (if [BWGT]>1500 AND [DELDIE]=0 AND [[PA]=1 OR [HIE] in {3,4,5} OR [ACoolingMethod] in {2,3}), 1=Yes (if [BWGT]>1500 AND [DELDIE]=0 AND [[PA]=1 OR [HIE] in {3,4,5} OR [ACoolingMethod] in {2,3}), 7=N/A (only if [BWGT]<=1500 OR [DELDIE]=1 OR [[PA] in {0,7} and [HIE] in {0,7} and [ACoolingMethod] in {0,1,4,7}), 9=Unknown (always if [BWGT]>1500 AND [DELDIE]=0 AND [PA]=9 AND [HIE] in {7,9} AND [ACoolingMethod] in {7,9})
<b>21c</b>	<b>GASSOURCE</b>	Source of blood gas	Integer	{1, 2, 3, 4, 5, 7, 9}	1=Cord umbilical arterial (UA) (only if [GAS]=1), 2=Cord umbilical venous (UV) (only if [GAS]=1), 3=Arterial baby gas (only if [GAS]=1), 4=Venous baby gas (only if [GAS]=1), 5=Capillary baby gas (only if [GAS]=1), 7=N/A (only if [GAS] in {0,7}), 9=Unknown (always if [GAS]=9)
<b>21d</b>	<b>GASPH</b>	pH within 1 hour of life	Double	{6.00-8.00, 77.7, 99.9}	77.7=N/A (only if [GAS] in {0,7}), 99.9=Unknown (always if [GAS]=9)
<b>21e</b>	<b>GASBD</b>	Base deficit in umbilical cord blood / baby blood gas within first hour of life	Double	{0.0-50.0, 77.7, 88.8, 99.9}	77.7=N/A (only if [GAS] in {0,7}), 88.8=Too Low to Register, 99.9=Unknown (always if [GAS]=9)

<b>22a</b>	<b>DROX</b>	Initial Resuscitation -- Supplemental Oxygen	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
<b>22b</b>	<b>DRCPPAP</b>	Initial Resuscitation -- Nasal CPAP	Integer	{0, 1, 9}	1=Yes (always if [DRNIPPV]=1), 0=No, 9=Unknown
<b>22c</b>	<b>DRBM</b>	Initial Resuscitation -- Face Mask Ventilation	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
<b>22d</b>	<b>DRET</b>	Initial Resuscitation -- Endotracheal Tube Ventilation	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
<b>22e</b>	<b>DREP</b>	Initial Resuscitation -- Epinephrine	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
<b>22f</b>	<b>DRCC</b>	Initial Resuscitation -- Cardiac Compression	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
<b>22g</b>	<b>DRNIPPV</b>	Initial Resuscitation -- Nasal Intermittent Positive Pressure Ventilation	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown [DRNIPPV]=1 implies that [DRCPPAP]=1.
<b>22h</b>	<b>DRLMA</b>	Initial Resuscitation - Laryngeal Mask Airway	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
<b>NOTE: If [ACUTETRS]=1, then C.9a [DRSURF] must = [DRSURF] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section.</b>					
<b>23a</b>	<b>DRSURF</b>	Surfactant in the DR	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
<b>23b</b>	<b>SURFX</b>	Surfactant Given at Any Time	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown, 7=N/A (Only if [DELDIE]=1)
<b>23c</b>	<b>SURF1DHR</b>	Surfactant Age at First Dose, Hours	Integer	{0 - 6665, 7777, 9999}	0-6665 (if [SURFX] = 1 OR ([DELDIE]=1 AND [DRSURF]=1)); 7777=N/A (only if [SURFX] = 0 OR ([DELDIE]=1 AND [DRSURF]=0)); 9999 = Unknown (always if [SURFX]=9 OR ([DRSURF]=9 AND [DELDIE]=1))

<b>23c</b>	<b>SURF1DMIN</b>	Surfactant Age at First Dose, Minutes	Integer	{0 - 59, 77, 99}	0-59 (if [SURFX] = 1 OR ([DELDIE]=1 AND [DRSURF]=1)); 7777=N/A (only if [SURFX] = 0 OR ([DELDIE]=1 AND [DRSURF]=0)); 9999 = Unknown (always if [SURFX]=9 OR ([DRSURF]=9 AND [DELDIE]=1))
<b>POST DELIVERY DIAGNOSIS AND INTERVENTIONS -- RESPIRATORY</b>					
<b>24a</b>	<b>ATEMPM</b>	Temperature Measured within One Hour of Admission to Your NICU	Integer	{0, 1, 7, 9}	0=No; 1=Yes; 7=N/A (only if [DELDIE]=1); 9=Unknown.
<b>NOTE: If [ACUTETRS]=1, then C.21a [T_TEMP3] must = 24b [ATEMP] in the CPQCC Section.</b>					
<b>24b</b>	<b>ATEMP</b>	Temperature at Admission to Your NICU (in Degrees Centigrade to Nearest 10th of a Degree)	Double	{20.0 - 45.0, 777.7, 888.8, 999.9}	20.0-45.0 (if [DELDIE]=0 AND [ATEMPM]=1); 777.7=N/A (only if [DELDIE]=1 OR [ATEMPM]=0); 888.8=Too Low to Register (if [DELDIE]=0 AND [ATEMPM]=1); 999.9 (always if [DELDIE]=0 and [ATEMPM]=9). NOTE: If the infant was undergoing intentional body/head cooling for therapeutic purposes, enter actual temperature. If actual temperature is < 20°C/82.4°F at the time of obtaining the first temperature within 1 hour of NICU admission, enter 20°C/68°F!
<b>24c</b>	<b>ACOOILING</b>	Infant Cooling during NICU Admission	Integer	{0, 1, 2, 7, 9}	0=No Cooling for HIE, 1=Cooling Started for HIE, 2=Cooling Continued for Transfer-In for HIE (if [LOCATE]=1), 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>24d</b>	<b>ACOOILINGMETHOD</b>	Type of LAST Hypothermic Therapy <b>for HIE</b> during NICU Admission	Integer	{1, 2, 3, 4, 7, 9}	1=Passive, 2=Selective Head, 3=Whole Body, 4=Other, 7=N/A (only if [ACOOILING]=0 OR [DELDIE]=1), 9=Unknown (always if [ACOOILING]=9)

<b>25a</b>	<b>OXY</b>	Post DR Respiratory Support -- Supplemental Oxygen	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>25b</b>	<b>VENT</b>	Post DR Respiratory Support -- Intubated Conventional Ventilation	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>25c</b>	<b>HFV</b>	Post DR Respiratory Support -- Intubated HIFI Ventilation	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>25d</b>	<b>HFNC</b>	High Flow Nasal Cannula	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>25e</b>	<b>NIMV</b>	Nasal IMV or SIMV (or any other form of non-intubated assisted ventilation) for greater than 4 hours.	Integer	{0, 1, 2, 7, 9}	0=None, 1= ≤4 hours, 2= >4 hours, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>26a</b>	<b>CPAP</b>	Post DR Respiratory Support -- CPAP of any type	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>26b</b>	<b>CPAPES</b>	Nasal CPAP before or without ever having received ETT Ventilation	Integer	{0, 1, 7, 9}	0=No, 1=Yes (always if ([DRCPAP]=1 or [CPAP]=1 or [DRNIPPV]=1 or [NIMV] in {1, 2}) AND [DRET]=0 AND [VENT]=0 AND [HFV]=0), 7=N/A (only if [DELDIE]=1 OR ([DRCPAP]=0 AND [CPAP] in {0,7} AND [DRNIPPV]=0 AND [NIMV] in {0,7})), 9=Unknown. 0,1,9 only possible if [DRCPAP]=1 or [CPAP]=1 or [DRNIPPV]=1 or [NIMV] in {1, 2}.
<b>27a</b>	<b>DURVENT</b>	Duration of Intubated Assisted Ventilation (in your NICU)	Integer	{0, 1, 2, 7, 9}	0=None, 1= ≤4 Hours, 2= >4 Hours, 7=N/A (only if [DELDIE]=1), 9=Unknown

<b>27b</b>	<b>VENTDAYS</b>	Days Intubated Ventilated (in Your NICU)	Long Integer	{1-366 OR 367, 7777, 9999}	1 - 366 (367 for leap years), 1=Less than 24 Hours , 2= 24 Hours to under 48 Hours, ETC. 7777=N/A (only if [DURVENT]=1 OR [DELDIE]=1), 9999=Unknown (always if [DURVENT]=9)
<b>28</b>	<b>DIE12</b>	Did Infant Die within First 12 Hours of Entering Your NICU?	Integer	{0, 1, 7}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1)
<b>29</b>	<b>RDS</b>	Respiratory Distress Syndrome	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>30</b>	<b>PNTX</b>	Pneumothorax	Integer	{0, 7, 9, 11, 12, 13}	0=No, 7=N/A (only if [DELDIE]=1), 9=Unknown, 11=Yes Here, 12=Yes Elsewhere, 13=Yes Here AND Elsewhere
<b>31</b>	<b>MECONIUM</b>	Meconium Aspiration Syndrome	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>32</b>	<b>CAFFEINE</b>	Caffeine for Any Reason	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>33</b>	<b>VITAMINA</b>	Intramuscular Vitamin A for Any Reason	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>34</b>	<b>NITRICO</b>	Inhaled Nitric Oxide >4 hours	Integer	{0, 1, 7, 9, 11, 12, 13}	0=No, 7=N/A (only if [DELDIE]=1), 9=Unknown, 11=Yes Here, 12=Yes Elsewhere, 13=Yes Here AND Elsewhere
<b>35</b>	<b>ECMO</b>	ECMO	Integer	{0, 1, 7, 9, 11, 12, 13}	0=No, 7=N/A (only if [DELDIE]=1), 9=Unknown, 11=Yes Here, 12=Yes Elsewhere, 13=Yes Here AND Elsewhere
<b>36a</b>	<b>POSTSTER</b>	Postnatal Steroids	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>36b</b>	<b>POSTERCLD</b>	Postnatal Steroids for Indication Chronic Lung Disease	Integer	{0, 7, 9, 11, 12, 13}	0=No, 7=N/A (only if [POSTSTER] in {0,7}) OR ([DELDIE]=1), 9=Unknown (always if [POSTSTER]=9), 11=Yes Here, 12=Yes Elsewhere, 13=Yes Here AND Elsewhere

<b>36b</b>	<b>POSTEREX</b>	Postnatal Steroids for Indication Extubation	Integer	{0, 1, 7}	0=No, 1=Yes, 7=N/A (only if [POSTSTER] in {0,7} or [DELDIE]=1), 9=Unknown (always if [POSTSTER]=9).
<b>36b</b>	<b>POSTERBP</b>	Postnatal Steroids for Indication Hypotension	Integer	{0, 1, 7}	0=No, 1=Yes, 7=N/A (only if [POSTSTER] in {0,7} or [DELDIE]=1), 9=Unknown (always if [POSTSTER]=9).
<b>36b</b>	<b>POSTEROTH</b>	Postnatal Steroids for Indication Other	Integer	{0, 1, 7}	0=No, 1=Yes, 7=N/A (only if [POSTSTER] in {0,7} or [DELDIE]=1), 9=Unknown (always if [POSTSTER]=9).
<b>37</b>	<b>NEWOX28</b>	Supplemental Oxygen on Day 28	Integer	{0, 2, 3, 7, 9}	0=No, 2=Intermittent, 3=Continuous, 7=N/A (only if infant not in hospital on Day 28 OR [DELDIE]=1), 9=Unknown
<b>38a</b>	<b>OX36</b>	Supplemental Oxygen at 36 Weeks (Adjusted Gestational Age)	Integer	{0, 2, 3, 7, 9}	0=No, 2=Intermittent, 3=Continuous, 7=N/A (only if infant not in hospital at 36 weeks OR [DELDIE]=1), 9=Unknown
<b>38b</b>	<b>VENT36</b>	Intubated Conventional Ventilation at 36 Weeks	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if infant not in hospital at 36 weeks OR [DELDIE]=1), 9=Unknown.
<b>38c</b>	<b>HFV36</b>	Intubated High Frequency Ventilation at 36 Weeks	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if infant not in hospital at 36 weeks OR [DELDIE]=1), 9=Unknown.
<b>38d</b>	<b>HFNC36</b>	High Flow Nasal Cannula at 36 Weeks	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if infant not in hospital at 36 weeks OR [DELDIE]=1), 9=Unknown.
<b>38e</b>	<b>NIMV36</b>	Nasal IMV or SIMV at 36 Weeks	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if infant not in hospital at 36 weeks OR [DELDIE]=1), 9=Unknown.
<b>38f</b>	<b>CPAP36</b>	Nasal CPAP at 36 Weeks	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if infant not in hospital at 36 weeks OR [DELDIE]=1), 9=Unknown.

<b>39a.</b>	<b>ACFINAL</b>	Respiratory Monitoring and Support Devices at Discharge - Apnea or Cardio-Respiratory Monitor	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>39b</b>	<b>OXFINAL</b>	Respiratory Monitoring and Support Devices at Discharge -- Supplemental Oxygen	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>39c</b>	<b>VENTFINAL</b>	Respiratory Monitoring and Support Devices at Discharge -- Intubated Conventional Ventilation at Discharge	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>39d</b>	<b>HVFINAL</b>	Respiratory Monitoring and Support Devices at Discharge -- Intubated High Frequency Ventilation at Discharge	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>39e</b>	<b>HFNCFINAL</b>	Respiratory Monitoring and Support Devices at Discharge -- High Flow Nasal Cannula at Discharge	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>39f</b>	<b>NIMVFINAL</b>	Respiratory Monitoring and Support Devices at Discharge -- Nasal IMV or SIMV at Discharge	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown



<b>39g</b>	<b>CPAPFINAL</b>	Respiratory Monitoring and Support Devices at Discharge -- Nasal CPAP at Discharge	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>POST-DELIVERY DIAGNOSES AND INTERVENTIONS -- INFECTIONS</b>					
<b>NOTE: Each of the late infection items is based on whether the infant had the infection after Day 3 of life. In determining the date of Day 3, the date of birth counts as Day 1 regardless of the time of birth. For an infant born at 11:59 PM on September 1, Day 3 will be September 3.</b>					
<b>40</b>	<b>EBSEPS</b>	Sepsis -- Early Bacterial (On or Before Day 3)	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>40</b>	<b>EBSEPSCD1</b>	Early Bacterial Sepsis Code 1	Integer	{Bacterial Pathogen Codes, 7777, 8888, 9999}	Enter First Bacterial Pathogen Code (only if [EBSEPS]=1); 7777=N/A (only if [EPSEPS] in {0,7} OR [DELDIE]=1); 8888=Other (pathogen not listed on pathogen list, need to provide [EBSEPSDESC]); 9999=Unknown (always if [EPSEPS]=9).
<b>40</b>	<b>EBSEPSCD2</b>	Early Bacterial Sepsis Code 2	Integer	{Bacterial Pathogen Codes, 7777, 8888, 9999}	Enter Second Bacterial Pathogen Code (only if [EBSEPS]=1); 7777=N/A (only if [EPSEPS] in {0,7} OR [DELDIE]=1 OR [EBSEPS]=1 AND no 2nd pathogen); 8888=Other (pathogen not listed on pathogen list, need to provide [EBSEPSDESC]); 9999=Unknown (always if [EPSEPS]=9).
<b>40</b>	<b>EBSEPSCD3</b>	Early Bacterial Sepsis Code 3	Integer	{Bacterial Pathogen Codes, 7777, 8888, 9999}	Enter Third Bacterial Pathogen Code (only if [EBSEPS]=1); 7777=N/A (only if [EPSEPS] in {0,7} OR [DELDIE]=1 OR [EBSEPS]=1 AND no 3rd pathogen); 8888=Other (pathogen not listed on pathogen list, need to provide [EBSEPSDESC]); 9999=Unknown (always if [EPSEPS]=9).

<b>40</b>	<b>EBSEPSDESC</b>	If Other, Organism	Char128	{Description, 77, 99}	Up to 128 alphanumeric characters (only if one of [EBSEPSD1-3]=8888); 77=N/A if [EPSEPS]=0,7 or if [DELDIE]=1; 99=Unknown if [EPSEPS]=9
<b>41a</b>	<b>LBPATH</b>	Sepsis -- Late Bacterial Sepsis and/or Meningitis (after Day 3)	Integer	{0, 1, 7, 9}	0=No,7=N/A (only if [DELDIE]=1 OR infant not hospitalized in your NICU after Day 3), 9=Unknown, 11=Yes Here, 12, Yes Elsewhere, 13= Yes Here and Elsewhere
<b>41a</b>	<b>LBPATHCD1</b>	Late Bacterial Sepsis Code 1	Integer	{Bacterial Pathogen Code, 7777, 8888, 9999}	Enter First Bacterial Pathogen Code (only if [LBPATH]=1); 7777=N/A (only if [LBPATH] in {0,7} OR [DELDIE]=1); 8888=Other (pathogen not listed on pathogen list, need to provide [EBSEPSDESC]); 9999=Unknown (always if [LBPATH]=9)
<b>41a</b>	<b>LBPATHCD2</b>	Late Bacterial Sepsis Code 2	Integer	{Bacterial Pathogen Codes, 7777, 8888, 9999}	Enter Second Bacterial Pathogen Code (only if [LBPATH]=1); 7777=N/A (only if [LBPATH] in {0,7} OR [DELDIE]=1 OR no 2nd pathogen); 8888=Other (pathogen not listed on pathogen list, need to provide [EBSEPSDESC]); 9999=Unknown (always if [LBPATH]=9)
<b>41a</b>	<b>LBPATHCD3</b>	Late Bacterial Sepsis Code 3	Integer	{Bacterial Pathogen Codes, 7777, 8888, 9999}	Enter Third Bacterial Pathogen Code (only if [LBPATH]=1); 7777=N/A (only if [LBPATH] in {0,7} OR [DELDIE]=1 OR no 3rd pathogen); 8888=Other (pathogen not listed on pathogen list, need to provide [EBSEPSDESC]); 9999=Unknown (always if [LBPATH]=9)

<b>41a</b>	<b>LBPATHTDESC</b>	If Other, Organism	Char128	{Description, 77, 99}	Up to 128 alphanumeric characters (only if one of [LBPATHTCD1-3]=8888); 77=N/A if [LBPATH]=0,7 or if [DELDIE]=1; 99=Unknown if [LBPATH]=9
<b>41b</b>	<b>CNEGSTAPH</b>	Sepsis -- Late - Coag Neg Staph	Integer	{0, 7, 9, 11, 12, 13}	0=No, 7=N/A (only if [DELDIE]=1 or infant not hospitalized in your NICU after Day 3), 9=Unknown, 11=Yes Here, 12=Yes Elsewhere, 13=Yes Here AND Elsewhere
<b>41c</b>	<b>FUNGAL</b>	Sepsis -- Late - Fungal	Integer	{0, 7, 9, 11, 12, 13}	0=No, 7=N/A (only if [DELDIE]=1 or infant not hospitalized in your NICU after Day 3), 9=Unknown, 11=Yes Here, 12=Yes Elsewhere, 13=Yes Here AND Elsewhere
<b>42</b>	<b>VIRAL</b>	Congenital Infection	Integer	{0, 1, 7, 9}	0=Negative culture, 7=N/A (only if [DELDIE]=1), 1=Yes, 9=Unknown
<b>42</b>	<b>VIRALCD1</b>	Congenital Infection Pathogen Code 1	Integer	{Congenital Infection Pathogen code, 7777, 8888, 9999}	Enter First Congenital Infection Pathogen Code (only if [VIRAL]=1); 7777=N/A (only if [VIRAL] in {0,7} OR [DELDIE]=1); 8888=Other (pathogen not listed on pathogen list, need to provide description [VIRALDESC]); 9999=Unknown (always if [VIRAL]=9).
<b>42</b>	<b>VIRALCD2</b>	Congenital Infection Pathogen Code 2	Integer	{Congenital Infection Pathogen code, 7777, 8888, 9999}	Enter Second Congenital Infection Pathogen Code (only if [VIRAL]=1); 7777=N/A (only if [VIRAL] in {0,7} OR [DELDIE]=1 OR no 2nd pathogen code); 8888=Other (pathogen not listed on pathogen list, need to provide description [VIRALDESC]); 9999=Unknown (always if [VIRAL]=9).

<b>42</b>	<b>VIRALCD3</b>	Congenital Infection Pathogen Code 3	Integer	{ Congenital Infection Pathogen code, 7777, 8888, 9999 }	Enter Third Congenital Infection Pathogen Code (only if [VIRAL]=1); 7777=N/A (only if [VIRAL] in {0,7} OR [DELDIE]=1 OR no 3rd pathogen code); 8888=Other (pathogen not listed on pathogen list, need to provide description [VIRALDESC]); 9999=Unknown (always if [VIRAL]=9).
<b>42</b>	<b>VIRALDESC</b>	If Other, Pathogen Description	Char128	{Description, 77, 99}	Up to 128 alphanumeric characters (only if one of one of [VIRALCD1-3]=8888); 77=N/A if [VIRAL]=0,7 or if [DELDIE]=1; 99=Unknown if [VIRAL]=9
<b>43a</b>	<b>PDA</b>	Patent Ductus Arteriosus	Integer	{0, 1, 2, 7, 9}	0=No, 1=PDA meeting revised 2011 VON definition, 2=PDA diagnosis based on echo and/or clinical evidence or was treated for PDA, but not meeting all 2011 VON criteria, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>43b</b>	<b>INDOMETH</b>	Indomethacin For Any Reason	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>43c</b>	<b>IBUPROFEN</b>	Ibuprofen for Treatment or Prevention of PDA	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown.
<b>43d.</b>	<b>ACETAMIN</b>	Acetaminophen (Paracetamol) for prevention and treatment of PDA	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown.
<b>43e</b>	<b>SRGPDA</b>	PDA Ligation or PDA Closure by Catheterization	Integer	{0, 7, 9, 11, 12, 13}	0=No, 7=N/A (only if [DELDIE]=1 OR [PDA]=0), 9=Unknown (always if [PDA]=9), 11=Here, 12=Elsewhere, 13=Here and Elsewhere
<b>44a</b>	<b>PROBIOTICS</b>	Probiotics	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown

<b>44b</b>	<b>NEC</b>	Necrotizing Enterocolitis	Integer	{0, 7, 9, 11, 12, 13}	0=No, 7=N/A (only if [DELDIE]=1), 9=Unknown, 11=Yes Here, 12=Yes Elsewhere, 13=Yes Here AND Elsewhere
<b>44c</b>	<b>SRGNEC</b>	Surgery: NEC Surgery	Integer	{0, 7, 9, 11, 12, 13}	0=No, 7=N/A (only if [DELDIE]=1 or [NEC]=0), 9=Unknown, 11=Yes Here, 12=Yes Elsewhere, 13=Yes Here AND Elsewhere
<b>45</b>	<b>GIPERF</b>	Focal Intestinal Perforation	Integer	{0, 1, 7, 9, 11, 12, 13}	0=No, 7=N/A (only if [DELDIE]=1), 9=Unknown, 11=Yes Here, 12=Yes Elsewhere, 13=Yes Here AND Elsewhere
<b>NOTE: Starting from 2013, the Retinopathy of Prematurity section (Items 46a. To 46d.) is only applicable for infants 401-1500 grams or 22 to 31 completed weeks of gestation.</b>					
<b>46a</b>	<b>EYEX</b>	Retinal Exam	Integer	{0, 1, 7, 9}	0=No,1=Yes, 7=N/A (only if [DELDIE]=1 OR (([BWGT]<400 OR [BWGT]>1500) AND [GAWEEKS<22] OR [GAWEEKS]>31))), 9=Unknown
<b>46b</b>	<b>ISTAGE</b>	Worst Stage of ROP	Integer	{0 - 5, 7, 9}	0=No evidence of ROP, 1=Presence of demarcation line (+/- abnormal vascularization), 2=Presence of intraretinal ridge, 3=Presence of a ridge with extraretinal fibrovascular proliferation, 4=Partial retinal detachment, 5=Total retinal detachment; 7=N/A (only if [DELDIE]=1 OR [EYEX] in {0,7}); 9=Unknown (always if [EYEX]=9)
<b>46c</b>	<b>VEGF</b>	Treatment of ROP with Anti-VEGF Drug	Integer	{0, 1, 7, 9}	0=No,1=Yes, 7=N/A (only if [DELDIE]=1 OR (([BWGT]<400 OR [BWGT]>1500) AND [GAWEEKS<22] OR [GAWEEKS]>31))), 9=Unknown

<b>46d</b>	<b>SRGROP</b>	Surgery: ROP	Integer	{0, 7, 9, 11, 12, 13}	0=No, 7=N/A (only if [DELDIE]=1 OR [EYEX] in {0,7} OR [ISTAGE]=0), 9=Unknown (always if [EYEX]=9 OR [ISTAGE]=9), 11=Yes Here, 12=Yes Elsewhere, 13=Yes Here AND Elsewhere
<b>47a</b>	<b>SRGOTH</b>	Other Surgery	Integer	{0, 1, 7, 9}	0=No,7=N/A (only if [DELDIE]=1), 1=Yes, 9=Unknown
<b>47b</b>	<b>SRGCD1</b>	First Other Surgery Code	Char6	{(Surgery Codes)B, (Surgery Codes)E, (Surgery Codes)H, 77, 99}	xxxxB,xxxxxB=Both Here AND Elsewhere; xxxxE,xxxxxE=Elsewhere; xxxxH,xxxxxH= Here; 77 = N/A (only if [SRGOTH] in {0,7} OR [DELDIE] =1); 99 = Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGCD2</b>	Second Other Surgery Code	Char6	{(Surgery Codes)B, (Surgery Codes)E, (Surgery Codes)H, 77, 99}	xxxxB,xxxxxB=Both Here AND Elsewhere; xxxxE,xxxxxE=Elsewhere; xxxxH,xxxxxH= Here; 77 = N/A (only if [SRGOTH] in {0,7} OR [DELDIE]=1 OR No 2nd Surgery Code); 99 = Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGCD3</b>	Third Other Surgery Code	Char6	{(Surgery Codes)B, (Surgery Codes)E, (Surgery Codes)H, 77, 99}	xxxxB,xxxxxB=Both Here AND Elsewhere; xxxxE,xxxxxE=Elsewhere; xxxxH,xxxxxH= Here; 77 = N/A (only if [SRGOTH] in {0,7} OR [DELDIE]=1 OR No 3rd Surgery Code); 99 = Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGCD4</b>	Fourth Other Surgery Code	Char6	{(Surgery Codes)B, (Surgery Codes)E, (Surgery Codes)H, 77, 99}	xxxxB,xxxxxB=Both Here AND Elsewhere; xxxxE,xxxxxE=Elsewhere; xxxxH,xxxxxH= Here; 77 = N/A (only if [SRGOTH] in {0,7} OR [DELDIE]=1 OR No 4th Surgery Code); 99 = Unknown (always if [SRGOTH]=9).

<b>47b</b>	<b>SRGCD5</b>	Fifth Other Surgery Code	Char6	{(Surgery Codes)B, (Surgery Codes)E, (Surgery Codes)H, 77, 99}	xxxxB,xxxxxB=Both Here AND Elsewhere; xxxxE,xxxxxE=Elsewhere; xxxxH,xxxxxH= Here; 77 = N/A (only if [SRGOTH] in {0,7} OR [DELDIE]=1 OR No 5th Surgery Code); 99 = Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGCD6</b>	Sixth Other Surgery Code	Char6	{(Surgery Codes)B, (Surgery Codes)E, (Surgery Codes)H, 77, 99}	xxxxB,xxxxxB=Both Here AND Elsewhere; xxxxE,xxxxxE=Elsewhere; xxxxH,xxxxxH= Here; 77 = N/A (only if [SRGOTH] in {0,7} OR [DELDIE]=1 OR No 6th Surgery Code); 99 = Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGCD7</b>	Seventh Other Surgery Code	Char6	{(Surgery Codes)B, (Surgery Codes)E, (Surgery Codes)H, 77, 99}	xxxxB,xxxxxB=Both Here AND Elsewhere; xxxxE,xxxxxE=Elsewhere; xxxxH,xxxxxH= Here; 77 = N/A (only if [SRGOTH] in {0,7} OR [DELDIE]=1 OR No 7th Surgery Code); 99 = Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGCD8</b>	Eighth Other Surgery Code	Char6	{(Surgery Codes)B, (Surgery Codes)E, (Surgery Codes)H, 77, 99}	xxxxB,xxxxxB=Both Here AND Elsewhere; xxxxE,xxxxxE=Elsewhere; xxxxH,xxxxxH= Here; 77 = N/A (only if [SRGOTH] in {0,7} OR [DELDIE]=1 OR No 8th Surgery Code); 99 = Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGCD9</b>	Ninth Other Surgery Code	Char6	{(Surgery Codes)B, (Surgery Codes)E, (Surgery Codes)H, 77, 99}	xxxxB,xxxxxB=Both Here AND Elsewhere; xxxxE,xxxxxE=Elsewhere; xxxxH,xxxxxH= Here; 77 = N/A (only if [SRGOTH] in {0,7} OR [DELDIE]=1 OR No 9th Surgery Code); 99 = Unknown (always if [SRGOTH]=9).

<b>47b</b>	<b>SRGCD10</b>	Tenth Other Surgery Code	Char6	{(Surgery Codes)B, (Surgery Codes)E, (Surgery Codes)H, 77, 99}	xxxxB,xxxxxB=Both Here AND Elsewhere; xxxxE,xxxxxE=Elsewhere; xxxxH,xxxxxH= Here; 77 = N/A (only if [SRGOTH] in {0,7} OR [DELDIE]=1 OR No 10th Surgery Code); 99 = Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGSSI1</b>	Surgical Site Infection at Your hospital for Surgery 1	Integer	{0,1,7,9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [SRGOTH] in {0,7} OR Surgery Code 1 Elsewhere OR Surgery Code 1 Here and Elsewhere), 9=Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGSSI2</b>	Surgical Site Infection at Your hospital for Surgery 2	Integer	{0,1,7,9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [SRGOTH] in {0,7} OR Surgery Code 2 Elsewhere OR Surgery Code 2 Here and Elsewhere OR No 2nd Surgery Code), 9=Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGSSI3</b>	Surgical Site Infection at Your hospital for Surgery 3	Integer	{0,1,7,9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [SRGOTH] in {0,7} OR Surgery Code 3 Elsewhere OR Surgery Code 3 Here and Elsewhere OR No 3rd Surgery Code), 9=Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGSSI4</b>	Surgical Site Infection at Your hospital for Surgery 4	Integer	{0,1,7,9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [SRGOTH] in {0,7} OR Surgery Code 4 Elsewhere OR Surgery Code 4 Here and Elsewhere OR No 4th Surgery Code), 9=Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGSSI5</b>	Surgical Site Infection at Your hospital for Surgery 5	Integer	{0,1,7,9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [SRGOTH] in {0,7} OR Surgery Code 5 Elsewhere OR Surgery Code 5 Here and Elsewhere OR No 5th Surgery Code), 9=Unknown (always if [SRGOTH]=9).



<b>47b</b>	<b>SRGSSI6</b>	Surgical Site Infection at Your hospital for Surgery 6	Integer	{0,1,7,9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [SRGOTH] in {0,7} OR Surgery Code 6 Elsewhere OR Surgery Code 6 Here and Elsewhere OR No 6th Surgery Code), 9=Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGSSI7</b>	Surgical Site Infection at Your hospital for Surgery 7	Integer	{0,1,7,9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [SRGOTH] in {0,7} OR Surgery Code 7 Elsewhere OR Surgery Code 7 Here and Elsewhere OR No 7th Surgery Code), 9=Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGSSI8</b>	Surgical Site Infection at Your hospital for Surgery 8	Integer	{0,1,7,9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [SRGOTH] in {0,7} OR Surgery Code 8 Elsewhere OR Surgery Code 8 Here and Elsewhere OR No 8th Surgery Code), 9=Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGSSI9</b>	Surgical Site Infection at Your hospital for Surgery 9	Integer	{0,1,7,9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [SRGOTH] in {0,7} OR Surgery Code 9 Elsewhere OR Surgery Code 9 Here and Elsewhere OR No 9th Surgery Code), 9=Unknown (always if [SRGOTH]=9).
<b>47b</b>	<b>SRGSSI10</b>	Surgical Site Infection at Your hospital for Surgery 10	Integer	{0,1,7,9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [SRGOTH] in {0,7} OR Surgery Code 10 Elsewhere OR Surgery Code 10 Here and Elsewhere OR No 10th Surgery Code), 9=Unknown (always if [SRGOTH]=9).

<b>47b</b>	<b>SRGOTHDESC</b>	Other Surgery Description	Char255	{Description, 77, 99}	77=N/A (only if [SRGOTH] in {0,7} OR [DELDIE]=1 OR surgery code does not require description); 99=Unknown (always if [SRGOTH]=9); description of surgical procedure(s) if [SRGOTH]=1 and code for type of surgery in Appendix requires a description.
<b>POST-DELIVERY DIAGNOSES AND INTERVENTIONS -- NEUROLOGICAL</b>					
<b>48a</b>	<b>IMAGE28</b>	Imaging Done On or Before Day 28	Integer	{0, 1, 7, 9}	0=No, 7=N/A (only if [DELDIE]=1), 1=Yes, 9=Unknown
<b>48b</b>	<b>IGRADE</b>	Worst Grade of Hemorrhage	Integer	{0-4, 7, 9}	0 (no peri IVH) to 4, 7=N/A (only if [DELDIE]=1 or if [IMAGE28] in {0,7}), 9=Unknown (always if [IMAGE28]=9). Grade 0: No subependymal or intraventricular hemorrhage; Grade 1: Subependymal germinal matrix hemorrhage only; Grade 2: Intraventricular blood, no ventricular dilation; Grade 3: Intraventricular blood, ventricular dilation; Grade 4: Intraparenchymal hemorrhage.
<b>48c</b>	<b>PIHHEMLOC</b>	Periventricular-Intraventricular Hemorrhage (PIH), where first occurred	Integer	{7, 9, 11, 12}	11=Yes and First Here, 12=Yes and First Elsewhere, 7=N/A (only if [DELDIE]=1 OR [IMAGE28] in {0,7} OR [IGRADE] in {0,7}), 9=Unknown (always if [IMAGE28]=9 OR [IGRADE]=9).
<b>48d</b>	<b>SHUNT</b>	Shunt Placed for Bleed	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [IMAGE28] in {0,7} OR [IGRADE] in {0,7}), 9=unknown (always if [IMAGE28]=9 OR [IGRADE]=9).
<b>48e</b>	<b>OTHHEM</b>	Other Intracranial Hemorrhage Present	Integer	{0,1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [IMAGE28] in {0,7}), 9=Unknown (always if [IMAGE28]=9).

<b>48e</b>	<b>OTHHEMDESC</b>	Other Intracranial Hemorrhage Description	Char50	{Description, 77, 99}	Up to 50 alphanumeric characters (only if [OTHHEM]=1); 7=N/A (if [OTHHEM] in {0,7} OR [DELDIE]=1), 99=Unknown (always if [OTHHEM]=9).
<b>49a</b>	<b>PVLIMAG</b>	Cystic PVL Imaging Performed During this admission?	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1); 9=Unknown. Should always be 1 if [IMAGE28] is 1.
<b>49b</b>	<b>PVL</b>	Cystic Periventricular Leukomalacia	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [PVLIMAG]=0), 9=Unknown (always if [PVLIMAG]=9).
<b>50</b>	<b>SEIZURE</b>	Seizures, EEG or Clinical	Integer	{0, 1, 7, 9}	0=No, 7=N/A (only if [DELDIE]=1), 1=Yes, 9=Unknown
<b>51</b>	<b>HIE</b>	Hypoxic-Ischemic Encephalopathy	Integer	{0, 3, 4, 5, 7, 9}	0=No; 3=Mild, 4=Moderate, 5=Severe, 7=N/A (only if [DELDIE]=1 OR [GAWEEKS]<36), 9=Unknown
<b>POST-DELIVERY DIAGNOSES AND INTERVENTIONS -- CONGENITAL MALFORMATIONS</b>					
<b>52a</b>	<b>CMAL</b>	Major Congenital Anomaly	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
<b>NOTE: If [ACUTETRS]=1, then C.6b [T_BDCD1 to T_BDCD5] must = [BDCD1 to BDCD5] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section. For each record, there is a limit of only 5 congenital anomaly codes regardless if prenatally or post-natally diagnosed.</b>					
<b>52b</b>	<b>BDCD1</b>	Congenital Anomaly Code 1	Integer	{congenital anomalies Table, 7777, 9999}	7777=N/A (only if [T_CMAL]=0 AND [CMAL]=0), 9999=Unknown (always if [CMAL]=9)
	<b>BDCD1FLAG</b>	Congenital Anomaly Code 1 Diagnosed Prenatally	Integer	{1, 0, 7, 9}	1=Yes, 0=No, 7=N/A (only if [ACUTETRS]=0 OR ([ACUTETRS]=1 AND [T_CMAL]=0)), 9=Unknown (always if [T_CMAL]=9).
<b>52b</b>	<b>BDCD2</b>	Congenital Anomaly Code 2	Integer	{congenital anomalies Table, 7777, 9999}	7777=N/A (only if [T_CMAL]=0 AND [CMAL]=0 OR No 2nd Birth Defect), 9999=Unknown (always if [CMAL]=9)
	<b>BDCD2FLAG</b>	Congenital Anomaly Code 2 Diagnosed Prenatally	Integer	{1, 0, 7, 9}	1=Yes, 0=No, 7=N/A (only if [ACUTETRS]=0 OR ([ACUTETRS]=1 AND [T_CMAL]=0) OR [BDCD2]=7777), 9=Unknown (always if [T_CMAL]=9).

<b>52b</b>	<b>BDCD3</b>	Congenital Anomaly Code 3	Integer	{congenital anomalies Table, 7777, 9999}	7777=N/A (only if [T_CMAL]=0 AND [CMAL]=0 OR No 3rd Birth Defect), 9999=Unknown (always if [CMAL]=9)
	<b>BDCD3FLAG</b>	Congenital Anomaly Code 3 Diagnosed Prenatally	Integer	{1, 0, 7, 9}	1=Yes, 0=No, 7=N/A (only if [ACUTETRS]=0 OR ([ACUTETRS]=1 AND [T_CMAL]=0) OR [BDCD3]=7777), 9=Unknown (always if [T_CMAL]=9).
<b>52b</b>	<b>BDCD4</b>	Congenital Anomaly Code 4	Integer	{congenital anomalies Table, 7777, 9999}	7777=N/A (only if [T_CMAL]=0 AND [CMAL]=0 OR No 4th Birth Defect), 9999=Unknown (always if [CMAL]=9)
	<b>BDCD4FLAG</b>	Congenital Anomaly Code 4 Diagnosed Prenatally	Integer	{1, 0, 7, 9}	1=Yes, 0=No, 7=N/A (only if [ACUTETRS]=0 OR ([ACUTETRS]=1 AND [T_CMAL]=0) OR [BDCD4]=7777), 9=Unknown (always if [T_CMAL]=9).
<b>52b</b>	<b>BDCD5</b>	Congenital Anomaly Code 5	Integer	{congenital anomalies Table, 7777, 9999}	7777=N/A (only if [T_CMAL]=0 AND [CMAL]=0 OR No 5th Birth Defect), 9999=Unknown (always if [CMAL]=9)
	<b>BDCD5FLAG</b>	Congenital Anomaly Code 5 Diagnosed Prenatally	Integer	{1, 0, 7, 9}	1=Yes, 0=No, 7=N/A (only if [ACUTETRS]=0 OR ([ACUTETRS]=1 AND [T_CMAL]=0) OR [BDCD5]=7777), 9=Unknown (always if [T_CMAL]=9).
<b>NOTE: If [ACUTETRS]=1, then C.6b [T_BDEFECT] must = [BDEFECT] in the CPQCC Section. Submit this variable once by only entering the data in the CPQCC Section.</b>					
<b>52b</b>	<b>BDEFECT</b>	Congenital Anomaly Description	Char255	{Description, 77, 99}	NOTE: This variable applies to any description regardless if diagnosed prenatally or post-natally. Up to 255 alphanumeric characters (necessary if codes 100, 150, 200, 300, 400, 504, 601, 605, 800, 900 were filled in for one or more of the 5 codes); 77=N/A (only if [T_CMAL]=0 AND [CMAL]=0); 99=Unknown (always if [CMAL]=9)
<b>POST-DELIVERY DIAGNOSES AND INTERVENTIONS -- HYPERBILIRUBINEMIA</b>					
<b>NOTE: Answer only for Outborn Infants Previously Discharged Home [PDH]=1</b>					

<b>53</b>	<b>BILILEVEL</b>	TSB Level (15 to 45)	Integer	{1, 2, 3, 7, 9}	1=less than 25, 2=25 to less than 30, 3=greater than or equal to 30, 7=N/A (only if [DELDIE]=1 OR [LOCATE] in {0,2} OR [PDH]=0), 9=Not Done/Unknown.
<b>54</b>	<b>EXCHANGE</b>	Exchange Transfusion	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [LOCATE] in {0,2} or [PDH]=0), 9=Unknown.
<b>55</b>	<b>LASTHOSPITAL</b>	Last Hospital Prior to Discharge	Char6	{OSHPD ID number, 777777, 999999}	Valid OSHPD ID number (see list); 777777=N/A (only if [DELDIE]=1 OR [LOCATE] in {0,2} OR [PDH]=0), 999999=Unknown.
<b>INITIAL DISPOSITION</b>					
<b>56</b>	<b>ENTFEED</b>	Enteral Feeding at Discharge	Integer	{0, 1, 2, 3, 7, 9}	0=None, 1=Human Milk Only, 2=Formula Only, 3=Human Milk Fortified with Formula, 7=N/A (only if [DELDIE]=1), 9=Unknown

<b>57</b>	<b>FDISP</b>	Initial Disposition From Your Hospital	Integer	{1, 2, 3, 5, 7, 9}	1=Home, 2=Transported, 3=Died, 5=Still hospitalized as of first birthday, 7=N/A (only if [DELDIE]=1), 9=Unknown
<b>58</b>	<b>DWGT</b>	Initial Disposition Weight (in Grams)	Long Integer	{201-66665, 99999}	201-66665, 77777=N/A (only if [DELDIE]=1), 99999=Unknown
<b>59</b>	<b>HEADCIRC</b>	Head Circumference at Initial Disposition (in cm to nearest 10th of a cm)	Double	{10.0-70.0, 777.7, 999.9}	10.0 TO 70.0, 777.7=N/A (Not done) (only if [DELDIE]=1) 999.9=Unknown
<b>60</b>	<b>LOS1</b>	Initial Length of Stay	Integer	{1-366 or 367, 999}	1 if [DELDIE]=1; 1 to 366 (367 if leap day must be added), 777=N/A (only if [DELDIE]=1); 999=Unknown.
<b>TRANSFER</b>					
<b>61</b>	<b>TRANSCODE</b>	Reason for Transport	Integer	{0,1, 2, 3, 4, 5, 6, 7, 9}	0=ECMO, 1=Growth/Discharge planning, 2=Medical/Diagnostic services, 3=Surgery, 4=Chronic care, 5=Other Reason, 6=Insurance, 7=N/A (only if [DELDIE]=1 OR FDISP in {1,3,5}), 9=Unknown (always if [FDISP]=9)
<b>62</b>	<b>XFERLOCATION</b>	Transferred to a CPQCC Center	Char6	{OSHPD ID number, 777777, 999999}	Valid OSHPD ID number (see list); 777777=N/A (only if [DELDIE]=1 OR [FDISP] in {1,3,5}); 999999=Unknown (always if [FDISP]=9).
<b>63</b>	<b>F2DISP</b>	Post-Transfer Disposition	Integer	{1, 2, 3, 4, 5, 7, 9}	1=Home, 2=Transferred again to another hospital, 3=Died, 4=Readmitted to your hospital, 5=Still hospitalized as of first birthday, 7=N/A {only if [DELDIE]=1 OR [FDISP] in {1,3,5}}; 9=Unknown (always if [FDISP]=9)

<b>64</b>	<b>F3WGT</b>	Weight at Disposition after Re-Admission	Long Integer	{201--66665, 77777, 99999}	201-66665 (if [F2DISP]=4), 77777=N/A (only if [F2DISP] in {1,2,3,5,7}) OR [DELDIE]=1), 99999=Unknown (always if [F2DISP]=9] or [FDISP]=9])
<b>65</b>	<b>F3DISP</b>	Disposition after Re-Admission	Integer	{1, 2, 3, 5, 7, 9}	1=Home, 2=Transferred again to another hospital, 3=Died, 5=Still hospitalized as of first birthday, 7=N/A (only if [DELDIE]=1 OR [F2DISP] in {1,2,3,5,7}), 9=Unknown (always if [F2DISP]=9 OR [FDISP]=9)
<b>66</b>	<b>UDISP</b>	Ultimate Disposition of Infant	Integer	{1, 3, 5, 7, 9}	1=Home, 3=Died, 5=Still hospitalized as of first birthday, 7=N/A (only if [DELDIE]=1 OR [F2DISP] in {1,3,5,7} OR [F3DISP] in {1,3,5,7}); 9 (always if [FDISP]=9 OR [F2DISP]=9 OR [F3DISP]=9).
<b>67</b>	<b>LOSTOT</b>	Total Length of Stay	Integer	{1-366 or 367,777, 999}	367 for leap years, 777=N/A (if [DELDIE]=1 OR [FDISP] in {1,3,5}), 999=Unknown (always if [FDISP]=9).

**Appendix G. Section II. 2019 EDS Specifications for the CPeTS Database: Summary of Codes for Transport Special Situations**

**NOTE: ITEMS REMOVED FROM CPeTS are highlighted in Gray.**

2019 Item	Field Name	Description	Situation A: Requested Delivery Attendance	Situation B: Transport by Referring Center (Self- Transport)	Situation C: Transport from Emergency Department or other non- perinatal setting	Situation D: Safe Surrender
None	<b>T_SPECIALSITUATION</b>	Transport Special Situation	1000=Situation A; NOTE: Situation A CANNOT occur with any of the other three Special Situations	0100= Situation B only; 0110= Situation B and Situation C; 0101= Situation B and Situation D; 0111= Situation B, Situation C, and Situation D	0010= Situation C only; 0110= Situation B and Situation C; 0011= Situation C and Situation D; 0111= Situation B, Situation C, and Situation D	0001= Situation D only; 0101= Situation B and Situation D; 0011= Situation C and Situation D; 0111= Situation B, Situation C, and Situation D
C.1	<b>T_TYPE</b>	Transport Type	1=Requested Delivery	enter data	enter data	enter data
C.1	<b>T_TYPEDESC</b>	Type Describe	enter data	enter data	enter data	enter data
C.2	<b>T_TRANSCODE</b>	Indication for Transport	enter data	enter data	enter data	enter data
C.14	<b>T_REFDATETIME</b>	Date/Time of Referral	enter data	enter data	enter data	enter data
C.15	<b>T_ACCDATETIME</b>	Date/Time of Acceptance	enter data	enter data	enter data	enter data
C.10	<b>T_MADMDATETIME</b>	Date/Time of mother's admission to L&D	enter data	enter data	N/A	N/A
C.12	<b>T_BDATETIME</b>	Date/Time of birth	enter data	enter data	Submit Date of Birth; N/A=Time of Birth ONLY	Submit Date of Birth; N/A=Time of Birth ONLY
C.3	<b>T_BWGT</b>	Birthweight	enter data	enter data	Enter current weight	Enter current weight
C.4/ (AD3a, 3b)	<b>GAWEEKS, GADAYS</b>	Best estimate of gestational age – weeks, days	enter data	enter data	enter data	enter data
C.5/ (AD5)	<b>SEX</b>	Sex of infant	enter data	enter data	enter data	enter data
C.6a	<b>T_CMAL</b>	Major Birth Defect Diagnosed Prenatally	enter data	enter data	N/A	N/A



C.6b	T_BDCD1 to T_BDCD5	Birth Defect Code 1 to 5	enter data	enter data	N/A	N/A
C.7a	MDATE	Mother's Date of Birth	enter data	enter data	N/A	N/A
C.7b	T_GRAVIDA	Gravida	Item C.7b will no longer be collected in 2017			
C.8a	ASTER	Antenatal Steroids	enter data	enter data	N/A	N/A
C.8b	ANCMAMAGSULF	Antenatal Conditions, Magnesium - Antenatal	enter data	enter data	N/A	N/A
C.11	T_ASTERDATETIME	Date/Time of ANS administration	Item C.11 will not be collected in 2013. However, Item C.11 will appear on the paper CPeTS Form. But, Item C.11 will be grayed-out and will not be available.			
C.9a	DRSURF	Surfactant in the Delivery Room	enter data	enter data	enter data	N/A
C.9b	T_SURFX	Surfactant Given at any time	enter data	enter data	enter data	N/A
C.13	T_SURFXDATETIME	Date/Time of Surfactant administration	enter data	enter data	enter data	enter data
C.18	T_EVALINITDATETIME	Date/Time of Initial Evaluation by Transfer Team	enter data	N/A	enter data	enter data
C.19	T_EVALNICUDATETIME	Date/Time of NICU Admission	enter data	enter data	enter data	enter data
C.20	T_RESP1	at Referral	N/A	enter data	enter data	enter data
	T_RESP2	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_RESP3	at NICU Admission	enter data	enter data	enter data	enter data
C.23	T_RESPRATE1	at Referral	N/A	enter data	enter data	enter data
	T_RESPRATE2	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_RESPRATE3	at NICU Admission	enter data	enter data	enter data	enter data
C.24	T_SAO21	at Referral	N/A	enter data	enter data	enter data
	T_SAO22	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_SAO23	at NICU Admission	enter data	enter data	enter data	enter data
C.25	T_RESPSTATUS1	at Referral	N/A	enter data	enter data	enter data
	T_RESPSTATUS2	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_RESPSTATUS3	at NICU Admission	enter data	enter data	enter data	enter data
C.26	T_FIO21	at Referral	N/A	enter data	enter data	enter data
	T_FIO22	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_FIO23	at NICU Admission	enter data	enter data	enter data	enter data
C.22	T_HEARTRATE1	at Referral	N/A	enter data	enter data	enter data
	T_HEARTRATE2	at Initial Evaluation	enter data	N/A	enter data	enter data

	T_HEARTRATE3	at NICU Admission	enter data	enter data	enter data	enter data
C.28a	T_BPSYS1	at Referral	N/A	enter data	enter data	enter data
	T_BPSYS2	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_BPSYS3	at NICU Admission	enter data	enter data	enter data	enter data
C.28b	T_BPDI A1	at Referral	N/A	enter data	enter data	enter data
	T_BPDI A2	at Initial Evaluation	enter data	N/A	enter data	enter data

C.28c	T_BPDIA3	at NICU Admission	enter data	enter data	enter data	enter data
	T_BPMEAN1	at Referral	N/A	enter data	enter data	enter data
	T_BPMEAN2	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_BPMEAN3	at NICU Admission	enter data	enter data	enter data	enter data
C.29	T_PRESSOR1	at Referral	N/A	enter data	enter data	enter data
	T_PRESSOR2	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_PRESSOR3	at NICU Admission	enter data	enter data	enter data	enter data
C.21.a	T_COOLING1	at Referral	N/A	enter data	enter data	enter data
	T_COOLING2	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_COOLING3	at NICU Admission	enter data	enter data	enter data	enter data
C.21.b	T_COOLINGMETHOD1	at Referral	N/A	enter data	enter data	enter data
	T_COOLINGMETHOD2	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_COOLINGMETHOD3	at NICU Admission	enter data	enter data	enter data	enter data
C.21.c	T_TEMP1	at Referral	N/A	enter data	enter data	enter data
	T_TEMP2	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_TEMP3	at NICU Admission	enter data	enter data	enter data	enter data
C.27	T_VENTMODE1	at Referral	N/A	enter data	enter data	enter data
	T_VENTMODE2	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_VENTMODE3	at NICU Admission	enter data	enter data	enter data	enter data
C.30	T_REFERRINGHOSPITAL	Referring Hospital	enter data	enter data	enter data	enter data
C.31a	T_FIRSTTRANS	Is this the first transfer for this infant?	enter data	enter data	enter data	enter data
C.31b	T_PREVHOSPITAL	Previously Transfer Referring Hospital	enter data	enter data	enter data	enter data
C.32	BIRTHLOCATION	Hospital of Birth	enter data	enter data	enter data	900099= Safe Surrender
C.33	T_TEAMLEADER	Team Leader	enter data	enter data	enter data	enter data
C.34a	T_TEAMBASE	Team Base	enter data	3= Referring Hospital	enter data	enter data

C.34b	T_TEAMBASECS	Contract Service used	enter data	enter data	enter data	enter data
C.35	T_TRANSMODE	Mode of Transport	enter data	enter data	enter data	enter data
C.16	T_TTDEPDATETIME	Date/Time of transport team departure for referring hospital	enter data	N/A	enter data	enter data
C.17	T_TTARRDATETIME	Date/Time of transport team arrival at referring hospital	enter data	N/A	enter data	enter data
C.35	T_USERCOMMENT	User Comment Box	enter data	enter data	enter data	enter data

## Appendix B. 2019 CPeTS Special Situation Overrides

**Appendix B. Section II. 2019 EDS Specifications for the CPeTS Database: Summary of Codes for Transport Special Situations**

**NOTE: ITEMS REMOVED FROM CPeTS are highlighted in Gray.**

2019 Item	Field Name	Description	Situation A: Requested Delivery Attendance	Situation B: Transport by Referring Center (Self- Transport)	Situation C: Transport from Emergency Department or other non- perinatal setting	Situation D: Safe Surrender
None	<b>T_SPECIALSITUATION</b>	Transport Special Situation	1000=Situation A; NOTE: Situation A CANNOT occur with any of the other three Special Situations	0100= Situation B only; 0110= Situation B and Situation C; 0101= Situation B and Situation D; 0111= Situation B, Situation C, and Situation D	0010= Situation C only; 0110= Situation B and Situation C; 0011= Situation C and Situation D; 0111= Situation B, Situation C, and Situation D	0001= Situation D only; 0101= Situation B and Situation D; 0011= Situation C and Situation D; 0111= Situation B, Situation C, and Situation D
C.1	<b>T_TYPE</b>	Transport Type	1=Requested Delivery	enter data	enter data	enter data
C.1	<b>T_TYPDESC</b>	Type Describe	enter data	enter data	enter data	enter data
C.2	<b>T_TRANSCODE</b>	Indication for Transport	enter data	enter data	enter data	enter data
C.14	<b>T_REFDATETIME</b>	Date/Time of Referral	enter data	enter data	enter data	enter data
C.15	<b>T_ACCDATETIME</b>	Date/Time of Acceptance	enter data	enter data	enter data	enter data
C.10	<b>T_MADMDATETIME</b>	Date/Time of mother's admission to L&D	enter data	enter data	N/A	N/A
C.12	<b>T_BDATETIME</b>	Date/Time of birth	enter data	enter data	Submit Date of Birth; N/A=Time of Birth ONLY	Submit Date of Birth; N/A=Time of Birth ONLY
C.3	<b>T_BWGT</b>	Birthweight	enter data	enter data	Enter current weight	Enter current weight
C.4/ (AD3a, 3b)	<b>GAWEEKS, GADAYS</b>	Best estimate of gestational age -- weeks, days	enter data	enter data	enter data	enter data
C.5/ (AD5)	<b>SEX</b>	Sex of infant	enter data	enter data	enter data	enter data
C.6a	<b>T_CMAL</b>	Major Birth Defect Diagnosed Prenatally	enter data	enter data	N/A	N/A
C.6b	<b>T_BDCD1 to T_BDCD5</b>	Birth Defect Code 1 to 5	enter data	enter data	N/A	N/A
C.7a	<b>MDATE</b>	Mother's Date of Birth	enter data	enter data	N/A	N/A

C.7b	T_GRAVIDA	Gravida	Item C.7b will no longer be collected in 2017			
C.8a	ASTER	Antenatal Steroids	enter data	enter data	N/A	N/A
C.8b	ANCMAMAGSULF	Antenatal Conditions, Magnesium - Antenatal	enter data	enter data	N/A	N/A
C.11	T_ASTERDATETIME	Date/Time of ANS administration	Item C.11 will not be collected in 2013. However, Item C.11 will appear on the paper CPeTS Form. But, Item C.11 will be grayed-out and will not be available.			
C.9a	DRSURF	Surfactant in the Delivery Room	enter data	enter data	enter data	N/A
C.9b	T_SURFX	Surfactant Given at any time	enter data	enter data	enter data	N/A
C.13	T_SURFXDATETIME	Date/Time of Surfactant administration	enter data	enter data	enter data	enter data
C.18	T_EVALINITDATETIME	Date/Time of Initial Evaluation by Transfer Team	enter data	N/A	enter data	enter data
C.19	T_EVALNICUDATETIME	Date/Time of NICU Admission	enter data	enter data	enter data	enter data
C.20	T_RESP1	at Referral	N/A	enter data	enter data	enter data
	T_RESP2	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_RESP3	at NICU Admission	enter data	enter data	enter data	enter data
C.23	T_RESPRATE1	at Referral	N/A	enter data	enter data	enter data
	T_RESPRATE2	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_RESPRATE3	at NICU Admission	enter data	enter data	enter data	enter data
C.24	T_SAO21	at Referral	N/A	enter data	enter data	enter data
	T_SAO22	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_SAO23	at NICU Admission	enter data	enter data	enter data	enter data
C.25	T_RESPSTATUS1	at Referral	N/A	enter data	enter data	enter data
	T_RESPSTATUS2	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_RESPSTATUS3	at NICU Admission	enter data	enter data	enter data	enter data
C.26	T_FIO21	at Referral	N/A	enter data	enter data	enter data
	T_FIO22	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_FIO23	at NICU Admission	enter data	enter data	enter data	enter data
C.22	T_HEARTRATE1	at Referral	N/A	enter data	enter data	enter data
	T_HEARTRATE2	at Initial Evaluation	enter data	N/A	enter data	enter data
	T_HEARTRATE3	at NICU Admission	enter data	enter data	enter data	enter data
C.28a	T_BPSYS1	at Referral	N/A	enter data	enter data	enter data
	T_BPSYS2	at Initial Evaluation	enter data	N/A	enter data	enter data

	T_BPSYS3	at NICU Admission	enter data	enter data	enter data	enter data
C.28b	T_BPDIA1	at Referral	N/A	enter data	enter data	enter data
	T_BPDIA2	at Initial Evaluation	enter data	N/A	enter data	enter data



	<b>T_BPDIA3</b>	at NICU Admission	enter data	enter data	enter data	enter data
C.28c	<b>T_BPMEAN1</b>	at Referral	N/A	enter data	enter data	enter data
	<b>T_BPMEAN2</b>	at Initial Evaluation	enter data	N/A	enter data	enter data
	<b>T_BPMEAN3</b>	at NICU Admission	enter data	enter data	enter data	enter data
C.29	<b>T_PRESSOR1</b>	at Referral	N/A	enter data	enter data	enter data
	<b>T_PRESSOR2</b>	at Initial Evaluation	enter data	N/A	enter data	enter data
	<b>T_PRESSOR3</b>	at NICU Admission	enter data	enter data	enter data	enter data
C.21.a	<b>T_COOLING1</b>	at Referral	N/A	enter data	enter data	enter data
	<b>T_COOLING2</b>	at Initial Evaluation	enter data	N/A	enter data	enter data
	<b>T_COOLING3</b>	at NICU Admission	enter data	enter data	enter data	enter data
C.21.b	<b>T_COOLINGMETHOD1</b>	at Referral	N/A	enter data	enter data	enter data
	<b>T_COOLINGMETHOD2</b>	at Initial Evaluation	enter data	N/A	enter data	enter data
	<b>T_COOLINGMETHOD3</b>	at NICU Admission	enter data	enter data	enter data	enter data
C.21.c	<b>T_TEMP1</b>	at Referral	N/A	enter data	enter data	enter data
	<b>T_TEMP2</b>	at Initial Evaluation	enter data	N/A	enter data	enter data
	<b>T_TEMP3</b>	at NICU Admission	enter data	enter data	enter data	enter data
C.27	<b>T_VENTMODE1</b>	at Referral	N/A	enter data	enter data	enter data
	<b>T_VENTMODE2</b>	at Initial Evaluation	enter data	N/A	enter data	enter data
	<b>T_VENTMODE3</b>	at NICU Admission	enter data	enter data	enter data	enter data
C.30	<b>T_REFERRINGHOSPITAL</b>	Referring Hospital	enter data	enter data	enter data	enter data
C.31a	<b>T_FIRSTTRANS</b>	Is this the first transfer for this infant?	enter data	enter data	enter data	enter data
C.31b	<b>T_PREVHOSPITAL</b>	Previously Transfer Referring Hospital	enter data	enter data	enter data	enter data
C.32	<b>BIRTHLOCATION</b>	Hospital of Birth	enter data	enter data	enter data	900099= Safe Surrender
C.33	<b>T_TEAMLEADER</b>	Team Leader	enter data	enter data	enter data	enter data
C.34a	<b>T_TEAMBASE</b>	Team Base	enter data	3= Referring Hospital	enter data	enter data

C.34b	T_TEAMBASECS	Contract Service used	enter data	enter data	enter data	enter data
C.35	T_TRANSMODE	Mode of Transport	enter data	enter data	enter data	enter data
C.16	T_TTDEPDATETIME	Date/Time of transport team departure for referring hospital	enter data	N/A	enter data	enter data
C.17	T_TTARRDATETIME	Date/Time of transport team arrival at referring hospital	enter data	N/A	enter data	enter data
C.35	T_USERCOMMENT	User Comment Box	enter data	enter data	enter data	enter data