

**2024 EDS Specifications for the combined NICU and CPeTS Databases
(Version 24)**

Summary of FIELDS for 2024

Section I. Tracking Fields

2024 Item	Field Name	Description	Field Type	Range of Possible Values	Coding Rules
None	FILENUM	File Submission Number	Integer	{1 - 9999}	Sequentially assigned file number, incremented with each submission
None	FILEDATE	File Submission Date	Date	01/01/2024-07/06/2024	Date on which data is exported to file for submission to CPQCC. Valid date, format should be mm/dd/yyyy
None	DELETED	Record deleted	Integer	{BLANK, 1}	BLANK=No, 1=Yes record deleted (but unique network ID number preserved)
None	APPLICATION	Application Submitting the Data File	Char25		Up to 25 alphanumeric characters.
None	VERSION	Version of Application Submitting Data File	Char15		Up to 15 alphanumeric characters.
None	HOSPNO	Center ID Number	Integer		Center ID Number as assigned by CPQCC
None	ID	Network ID Number	Integer	{00001 - 99998}	Each ID number is to be sequentially assigned by hospital
None	BYEAR	Birth Year	Integer	{2024}	For infants born in 2024, EDS Specifications for 2024 must be used. Submit EDS files for 2022 separately from EDS files for 2024. 2023 EDS files are accepted through the end of close-out. After close-out, they are no longer accepted. If you need to update any 2023 records after closeout, use cpqccdata.org to edit these records.
None	ACUTETRS	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.

Section II. 2024 EDS Specifications for the CPeTS Database

NOTE: NEW & REVISED FIELDS FOR 2024 ARE HIGHLIGHTED in Yellow for CPeTS

PATIENT DIAGNOSIS

Transport Type

2024 Item	Field Name	Description	Field Type	Range of Possible Values	Coding Rules
None	T_SPECIALSITUATION	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.
				{0100, 0110, 0101, 0111}	0100= Situation B.Transport by Referring Center (Self-Transport): 7777=N/A T_TTDEPDATETIME, T_EVALINITDATETIME, TRIP Referral section second column Items C.20 through C.29 (T_COOLING2, T_COOLINGMETHOD2, T_RESP2, T_RESPRATE2, T_SA022, T_RESPSTATUS2, T_FIO22, T_HEARTRATE2, T_BPSYS2, T_BPDIA2, T_BPMEAN2, T_PRESSOR2, T_TEMP2, T_VENTMODE2), T_TTDEPDATETIME, T_TTARRDATETIME, and T_TEAMBASE must equal 3=Referring Hospital; 0110= Situation B and Situation C; 0101= Situation B and Situation D; 0111= Situation B, Situation C, and Situation D.

			{0010, 0110, 0011, 0111}	0010= Situation C. Transport from Emergency Department or other non-perinatal setting: N/A=T_MADMDATETIME, T_CMAL, T_BDC1 to T_BDC5, T_ASTERDATETIME; T_BDATETIME= Must submit Date of Birth, then enter N/A=Time of Birth ONLY, T_BWGT= enter current weight (if current weight is missing, enter 9999); 0110= Situation B and Situation C; 0011= Situation C and Situation D; 0111= Situation B, Situation C, and Situation D.
			{0001, 0101, 0011, 0111}	0001= Situation D. Safe Surrender: N/A=T_MADMDATETIME, T_CMAL, T_BDC1 to T_BDC5, T_ASTERDATETIME, DRSURF, T_SURFX; T_BDATETIME= Must submit Date of Birth, then enter N/A=Time of Birth ONLY, T_BWGT= enter current weight (if current weight is missing, enter 9999); BIRTHLOCATION= Must equal 900099=Safe Surrender; 0101= Situation B and Situation D; 0011= Situation C and Situation D; 0111= Situation B, Situation C, and Situation D.

C.1	T_TYPE	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.
C.1	T_TYPEDESC	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.

C.2	T_TRANSCODE	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)
------------	--------------------	--------------------------	---------	-----------	---

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}/{2024}{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 "12/12/2024{space}12:00" instead of 12/12/2024{space}12:00.
Date/Time of Acceptance (Time Sequence CPeTS)					

C.15	T_ACCDATETIME	Date/Time of Acceptance	Char16	{01 - 12}/{01 - 31}/{2024}{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 "12/12/2024{space}12:00" instead of 12/12/2024{space}12:00.
-------------	----------------------	-------------------------	--------	--	--

HISTORY AND DEMOGRAPHICS

Date & Time of Maternal Admission to Labor & Delivery

C.10	T_MADMDATETIME	Date/Time of Mother's Admission to Perinatal Unit or L&D	Char16	{01 - 12}/{01 - 31}/{2024,2024}{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 "12/12/2024{space}12:00" instead of 12/12/2024{space}12:00.
-------------	-----------------------	--	--------	---	--

C.12	T_MFTRANSCON	Maternal and Fetal Transport Consideration	Integer	{1, 2, 3, 4, 5, 7, 9}	1= Advanced Dilation/ Labor, 2=Bleeding, 3= Mother Medically Unstable, 4=Non-reassuring Fetal Status, 5= Not Considered, 7= N/A (only if [GAWEEKS] >32 OR [DELDIE] =1, OR [T_SPECIALSITUATION]=0001, 0010 OR [T_TYPE]=3, 4, 7 OR [T_MADMDATETIME] <24 hours before [T_BDATETIME], 9= Unknown
-------------	---------------------	--	---------	-----------------------	--

Infant Birth Date and Time

If [ACUTETRS]=1, then C.11 [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.

Best estimate of gestational age

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.

Infant Sex

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.

Congenital Anomalies

C.6a	T_CMAL	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.

Mother's Date of Birth

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.

Antenatal Steroids

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.

Antenatal Conditions, Magnesium - Antenatal Magnesium Sulfate

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.

Surfactant Use

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.

C.9b	T_SURFX	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
-------------	----------------	------------------------------	---------	--------------	---

C.13	T_SURFXDATETIME	Date/Time of Surfactant Administration	Char16	{01 - 12}/{01 - 31}/{2024}{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 "12/12/2024{space}12:00" instead of 12/12/2024{space}12:00.
-------------	------------------------	--	--------	--	---

INFANT CONDITIONS

Date/Time at which infant condition was evaluated

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					
C.18	T_EVALINITDATETIME	Date/Time of Initial Evaluation by Transport Team within 15 Minutes of Arrival at Referring Hospital	Char16	{01 - 12}/{01 - 31}/{2024}{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 "12/12/2024{space}12:00" instead of 12/12/2024{space}12:00.
Date/Time of Initial Evaluation by Transport Team within 15 minutes of Arrival at Referring Hospital					
C.19	T_EVALNICUDATETIME	Date/Time of Arrival at Receiving NICU and Initial NICU Evaluation	Char16	{01 - 12}/{01 - 31}/{2024,2024}{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 "12/12/2024{space}12:00" instead of 12/12/2024{space}12:00.
Responsiveness					
C.20	T_RESP1	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

	T_RESP2	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
	T_RESP3	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
Respiratory Rate (0 to 400)					
C.23	T_RESPRATE1	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
	T_RESPRATE2	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
	T_RESPRATE3	Respiratory Rate at NICU Admission	Integer	{0 - 400, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1), 999=Unknown
Oxygen Saturation (SaO2) (0 to 100)					
C.24	T_SAO21	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
	T_SAO22	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
	T_SAO23	Oxygen Saturation (SaO2) at NICU Admission	Integer	{0 - 100, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1), 999=Unknown
Respiratory Status					
C.25	T_RESPSTATUS1	Respiratory Status at Referral	Integer	{1, 2, 3, 7, 9}	1=Ventilator; 2=Severe (apnea, gasping); 3=Other; 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A); 9=Unknown
	T_RESPSTATUS2	Respiratory Status at Initial Evaluation	Integer	{1, 2, 3, 7, 9}	1=Ventilator; 2=Severe (apnea, gasping); 3=Other; 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A); 9=Unknown
	T_RESPSTATUS3	Respiratory Status at NICU Admission	Integer	{1, 2, 3, 7, 9}	1=Ventilator; 2=Severe (apnea, gasping); 3=Other; 7=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A); 9=Unknown
Oxygen Index (for infants on respirator only)					
C.26	Inspired Oxygen Concentration (FiO2) (21 to 100)				

	T_FIO21	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)
	T_FIO22	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)
	T_FIO23	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)					
C.22	T_HEARTRATE1	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
	T_HEARTRATE2	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
	T_HEARTRATE3	Heart Rate at NICU Admission	Integer	{0 - 400, 777, 999}	777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1), 999=Unknown
Blood Pressure					
C.28a	Systolic (0 to 140)				
	T_BPSYS1	Systolic Blood Pressure at Referral	Integer	{0 - 140, 777, 888, 999}	777=N/A (always if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A), 777=Not Done, 888=Too Low to Register, 999=Unknown
	T_BPSYS2	Systolic Blood Pressure at Initial Evaluation	Integer	{0 - 140, 777, 888, 999}	777=N/A (always if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B), 777=Not Done, 888=Too Low to Register, 999=Unknown
	T_BPSYS3	Systolic Blood Pressure at NICU Admission	Integer	{0 - 140, 777, 888, 999}	777=N/A (always if [ACUTETRS]=0 OR [DELDIE]=1), 777=Not Done, 888=Too Low to Register, 999=Unknown
C.28b	Diastolic (0 to 100)				
	T_BPDIA1	Diastolic Blood Pressure at Referral	Integer	{0 - 100, 777, 888, 999}	777=N/A (always if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A), 777=Not Done, 888=Too Low to Register, 999=Unknown

	T_BPDI A2	Diastolic Blood Pressure at Initial Evaluation	Integer	{0 - 100, 777, 888, 999}	777=N/A (always if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B), 777=Not Done, 888=Too Low to Register, 999=Unknown
	T_BPDI A3	Diastolic Blood Pressure at NICU Admission	Integer	{0 - 100, 777, 888, 999}	777=N/A (always if [ACUTETRS]=0 OR [DELDIE]=1), 777=Not Done, 888=Too Low to Register, 999=Unknown
C.28c	Mean (0 to 100)				
	T_BPMEAN1	Mean Blood Pressure at Referral	Integer	{0 - 100, 777, 888, 999}	777=N/A (always if [ACUTETRS]=0 OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A), 777= Not Done, 888=Too Low to Register, 999=Unknown
	T_BPMEAN2	Mean Blood Pressure at Initial Evaluation	Integer	{0 - 100, 777, 888, 999}	777=N/A (always if [ACUTETRS]=0 OR [DELDIE]=1 OR Special Situation B), 777=Not Done, 888=Too Low to Register, 999=Unknown
	T_BPMEAN3	Mean Blood Pressure at NICU Admission	Integer	{0 - 100, 777, 888, 999}	777=N/A (always if [ACUTETRS]=0 OR [DELDIE]=1), 777= Not Done, 888=Too Low to Register, 999=Unknown
Use of Pressors					
C.29	T_PRESSOR1	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
	T_PRESSOR2	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
	T_PRESSOR3	Use of Pressors at NICU Admission	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [ACUTETRS]=0), 9=Unknown
Temperature (20 to 45 Celsius)					
C.21a	T_TEMP1	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.
C.21a	T_TEMP2	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.
NOTE: If [ACUTETRS]=1, then C.21a [T_TEMP3] must = 22b [ATEMP] in the CPQCC Section.					

C.21a	T_TEMP3	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					
C.21b	T_COOLING1	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
C.21b	T_COOLING2	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
C.21b	T_COOLING3	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
C.21c	T_COOLINGMETHOD1	Type of Hypothermic Therapy for HIE at Referral (Check the last method used)	Integer	{1,3,4,7, 9}	1=Passive, 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)
C.21c	T_COOLINGMETHOD2	Type of Hypothermic Therapy for HIE at Initial Evaluation (Check the last method used)	Integer	{1,3,4,7, 9}	1=Passive, 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)
C.21c	T_COOLINGMETHOD3	Type of Hypothermic Therapy for HIE at NICU Admission (Check the last method used)	Integer	{1,3,4,7, 9}	1=Passive, 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					
C.27	T_VENTMODE1	Respiratory Support at Referral	Integer	{0, 1, 2, 3, 7, 9}	0=None, 1=Hood/NC,Blowby, 2= CPAP, 3=Noninvasive Ventilation, 4=Oral/Nasal ETT, 7=N/A (only if [ACUTETRS]=0) OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A), 9=Unknown
C.27	T_VENTMODE2	Respiratory Support at Initial Evaluation	Integer	{0, 1, 2, 3, 7, 9}	0=None, 1=Hood/NC,Blowby, 2= CPAP, 3=Noninvasive Ventilation, 4=Oral/Nasal ETT, 7=N/A (only if [ACUTETRS]=0) OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A), 9=Unknown

C.27	T_VENTMODE3	Respiratory Support at NICU Admission	Integer	{0, 1, 2, 3, 7, 9}	0=None, 1=Hood/NC,Blowby, 2=CPAP, 3=Noninvasive Ventilation, 4=Oral/Nasal ETT, 7=N/A (only if [ACUTETRS]=0) OR [DELDIE]=1 OR [T_TYPE]=1 OR Special Situation A), 9=Unknown
REFERRAL PROCESS					
Referring Hospital					
C.30	T_REFERRINGHOSPITAL	Referring Hospital	Char6	{HCAI ID (formerly OSHPD), 777777}	Valid HCAI ID (formerly OSHPD) number (see list); 777777=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1)
Previous Transfer?					
C.31a	T_FIRSTTRANS	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)
C.31b	T_PREVHOSPITAL	Previously Transfer Referring Hospital	Char6	{HCAI ID (formerly OSHPD), 777777}	Valid HCAI ID (formerly OSHPD) number (see list); 777777=N/A (if [T_firstTrans]=1 OR [ACUTETRS]=0 OR [DELDIE]=1)
Location of Birth					
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.					
Transport Team On-Site Leader					
C.33	T_TEAMLEADER	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					
C.34a	T_TEAMBASE	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.
C.34b	T_TEAMBASECS	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					
C.35	T_TRANSMODE	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					

C.16	T_TDEPDATE TIME	Date/Time of Transport Team Departure from Transport Team Office/NICU for Referring Hospital	Char16	{01 - 12}/{01 - 31}/{2024}{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 "12/12/2024{space}12:00" instead of 12/12/2024{space}12:00.
-------------	------------------------	--	--------	--	---

Date/Time of Arrival of Transport Team at Referring Hospital

C.17	T_TARRDATE TIME	Date/Time of Transport Team Arrival at Referring Hospital/Patient Bedside	Char16	{01 - 12}/{01 - 31}/{2024,2024}{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 "12/12/2024{space}12:00" instead of 12/12/2024{space}12:00.
-------------	------------------------	---	--------	---	---

User Comment Box

	T_USERCOMMENT	User Comment Box	Char256	{Description, 77}	Up to 256 alphanumeric characters; 77=N/A (only if [ACUTETRS]=0 OR [DELDIE]=1)
--	----------------------	------------------	---------	-------------------	--

Section III. 2024 EDS Specifications for the CPQCC Database

NOTE: NEW & REVISED FIELDS FOR 2024 ARE HIGHLIGHTED IN Yellow for CPQCC

Tracking Fields (See Section I for Tracking Fields)

IDENTIFICATION AND DEMOGRAPHICS

2024 Item	Field Name	Description	Field Type	Range of Possible Values	Coding Rules
-----------	------------	-------------	------------	--------------------------	--------------

NOTE: If [ACUTETRS]=1 AND [T_BWGT] is not equal to 9999, then C.3 [T_BWGT] must = [BWGT] in the CPQCC Section.

1	BWGT	Birth Weight (in Grams)	Long Integer	{1 - 7000}	Enter birthweight in grams. Do not use a comma separator as in 1,224. Use only numbers as in 1224.
2	BHEADCIR	Head Circumference at Birth (in cm to nearest 10th of a cm)	Double	{10.0 - 70.0, 777.7, 999.9}	10.0 to 70.0, 777.7, 999.9; Codes: 777.7 = N/A (Not Done), 999.9 = Unknown
NOTE: 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.					
3a	GA WEEKS	Best Estimate of Gestational Age -- Weeks	Integer	{15 - 46, 99}	If [ACUTETRS]=1, then C.8 [GA WEEKS] must = [GA WEEKS] in CPQCC Section; 99=Unknown
3b	GADAYS	Best Estimate of Gestational Age -- Days	Integer	{0 - 6, 99}	If [ACUTETRS]=1, then C.8 [GADAYS] must = [GADAYS] in CPQCC Section; 99=Unknown
NOTE: If [ACUTETRS]=1, then C.12 [T_BDATE] must = [BDATE] in the CPQCC Section. Submit this variable once.					
4a.	BDATE	Birth Date/Time	Char16	{01 - 12}/{01 - 31}/{2024}{space}{00-23}:{00-59}; {01 - 12}/{01 - 31}/{2024}{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}/{2024} {00-23}:{00-59}= Date & Time of Birth if time of birth is known {01-12}/{01-31}/{2024} {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 "12/12/2024{space}12:00" instead of 12/12/2024{space}12:00. NOTE: If [ACUTETRS]=1, then T.6 [T_BDATE] must = [BDATE] in the CPQCC Section. Submit this variable once.
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.					

5	SEX	Sex of infant	Integer	{0, 1, 2, 9}	If [ACUTETRS]=1, then C.9 [SEX] must = [SEX] in CPQCC Section; 0=Female, 1=Male, 2=Undetermined, 9=Unknown
6	DELDIE	Delivery Room Death	Integer	{0, 1}	0=No, 1=Yes
7a	LOCATE	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.
7b	DAYADMISS	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 completed 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 completed weeks gestation and mapped to 1 by the EDS intake routine.
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."					
7c	BIRTHLOCATION	Hospital of Birth (for Outborn Infants)	Char6	{HCAI ID (formerly OSHPD) number, 777777}	777777 if [LOCATE]=0; valid HCAI ID (formerly OSHPD) number (see list) For acute Transports-In with Special
7d	TRANSCODE_IN	Reason for Transport-In	Integer	{0, 1, 2, 3, 4, 6, 10, 55, 77, 99}	0=ECMO, 10=Hypothermic Therapy, 3=Surgery, 2=Other Medical/Diagnostic services, 1=Growth/Discharge planning, 4=Chronic care, 55=Other, 6=Insurance, 77=Not applicable (Only if [DELDIE]=1 OR [LOCATE] in {0,2}), 99=Confirmed unknown
8a	PDH	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}).

8b	READMIT	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})
MATERNAL HISTORY, DELIVERY ROOM CARE, AND SURFACTANT USE					
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.					
9	MDATE	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
	MAGE	Mother's Age at Infant's Birth (Age Last Birthday)	Integer	{10 - 60, 99}	99=Unknown
10a	HISP	Is Mother of Hispanic Origin?	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
10b	MATRACE	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
11	PCARE	Prenatal Care	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
12	GROUPBSTREP	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.

13a	ASTER	Antenatal Steroids Received Prior to Delivery	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
NOTE: Starting from 2018, this item [ASTERDOCUMENT] is only applicable and OPTIONAL for inborn infants who are <34 weeks gestational age.					
13b	ASTERDOCUMENT	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)
NOTE: Starting from 2018, this item [ASTERREASON] is only applicable and OPTIONAL for inborn infants who are <34 weeks gestational age.					
13c	ASTERREASON	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)
14	SPLABOR	Spontaneous Labor. Did the Mother Go into Labor on Her Own?	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
15a	MULT	Multiple Births or Gestation	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown; Note: At least one fetus must survive beyond 20 weeks
15b	NBIRTHS	Number of Infants Delivered	Integer	{1 - 10, 77, 99}	1 TO 10 if [MULT]=1; 77=N/A (only if [MULT]=0); 99=Unknown (always if [MULT]=9)
15c	BIRTHORDER	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)

16	DELMOD	Mode of Delivery	Integer	{0, 1, 2, 9}	0=Cesarean Section; 1=Normal or Spontaneous Vaginal; 2=Operative Vaginal, 9=Unknown
ANTENATAL CONDITIONS: EVENTS THAT MAY AFFECT THE PREGNANCY AND/OR DELIVERY OF THE INFANT					
Maternal					
17a	ANCMHYP	Maternal: Hypertension	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
17a	ANCMCHORIO	Maternal: Chorioamionitis	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
17a	ANCMOINF	Maternal: Other Infection	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
17a	ANCMDIA	Maternal: Diabetes	Integer	{0,1, 9}	0=No, 1=Yes, 9=Unknown
17a	ANCMAMAGSULF	Maternal: Antenatal Magnesium Sulfate	Integer	{0,1, 9}	0=No, 1=Yes, 9=Unknown
17a	ANCMCES	Maternal: Previous Cesarean	Integer	{0,1, 9}	0=No, 1=Yes, 9=Unknown
17a	ANCMOTH	Maternal: Other	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
17a	ANCMDESC	Description of 'Other'	Char50	{Description, 77, 99}	Up to 50 alphanumeric characters; 77=N/A if [ANCMOTH]=0, 99=Unknown if [ANCMOTH]=9
Fetal					
17b	ANCFIUGR	Fetal: IUGR	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
17b	ANCFDIS	Fetal: Non-reassuring Fetal Status	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
17b	ANCFANO	Fetal: Anomaly	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
17b	ANCFOTH	Fetal: Other	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
17b	ANCFDESC	Description of 'Other'	Char50	{Description, 77, 99}	Up to 50 alphanumeric characters; 77=N/A if [ANCFOTH]=0, 99=Unknown if [ANCFOTH]=9
Obstetrical					
17c	ANCOLABOR	Obstetrical: Preterm Labor (regular contractions in the context of cervical change at >37 wks)	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
17c	ANCOPREPROM	Obstetrical:Preterm Premature ROM (<37 wks)	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
17c	ANCOPREROM	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
17c	ANCOPROM	Obstetrical: Prolonged ROM (>18 hour)	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
17c	ANCOMAL	Obstetrical: Malpresentation / Breech	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
17c	ANCOBLEED	Obstetrical: Bleeding / Abruption / Previa	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
17c	ANCOOTH	Obstetrical: Other	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
17c	ANCODESC	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

18	INDCESBR	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)
18	INDCESMG	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)
18	INDCESFD	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)
18	INDCESER	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)
18	INDCESDY	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)
18	INDCESPP	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)
18	INDCESHTN	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)
18	INDCESOTH	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)
18	INDCESDESC	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)
19a	DCCDONE	Was delayed umbilical cord clamping performed?	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=Not Applicable (always if [DELDIE]=1), 9=Unknown

19b	DCCTIME	How long was umbilical cord clamping delayed?	Integer	{2, 4, 5, 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 (if [DCCDONE]=0 for [DELDIE]=1), 9=Unknown (always if [DCCDONE]=9)
19c	DCCNOTWHY	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 or [DELDIE]=1), 9= Confirmed Unknown (always if [DCCDONE]=9)
19c.	DCCNOTWHYDESC	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} or [DELDIE]=1), 99=Unknown (always if [DCCDONE]=9 OR [DCCNOTWHY]=9)
19d	DCCCORDMILK	Was umbilical cord milking performed?	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=Not Applicable (always if [DELDIE]=1), 9=Unknown
19e	DCCBREATH	Did breathing begin before umbilical cord clamping?	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=Not Applicable (always if [DELDIE]=1), 9=Unknown
20	AP1	Apgar Score - 1 minute	Integer	{0 - 10, 77, 99}	77 = N/A (Not Done); 99=Unknown
20	AP5	Apgar Score - 5 minute	Integer	{0 - 10, 77, 99}	77 = N/A (Not Done); 99=Unknown
20	AP10	Apgar Score - 10 minute	Integer	{0 - 10, 77, 99}	77=N/A (Not Done); 99=Unknown
21a	PA	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
21b	GAS	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 [ACOOILINGMETHOD] in {3}), 1=Yes (if [BWGT]>1500 AND [DELDIE]=0 AND [[PA]=1 OR [HIE] in {3,4,5} OR [ACOOILINGMETHOD] in {3}), 7=N/A (only if [BWGT]<=1500 OR [DELDIE]=1 OR [[PA] in {0,7} and [HIE] in {0,7} and [ACOOILINGMETHOD] in {0,1,4,7}), 9=Unknown (always if [BWGT]>1500 AND [DELDIE]=0 AND [PA]=9 AND [HIE] in {7,9} AND [ACOOILINGMETHOD] in {7,9}))

21c	GASSOURCE	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)
21d	GASPH	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)
21e	GASBD	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)
22a	DROX	Initial Resuscitation -- Supplemental Oxygen	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
22b	DRCPAP	Initial Resuscitation -- Nasal CPAP	Integer	{0, 1, 9}	1=Yes (always if [DRNIPPV]=1), 0=No, 9=Unknown
22c	DRBM	Initial Resuscitation -- Positive Pressure Ventilation (PPV) via Mask or Bag/Mask PPV	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
22d	DRET	Initial Resuscitation -- Endotracheal Tube Ventilation	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
22e	DREP	Initial Resuscitation -- Epinephrine	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
22f	DRCC	Initial Resuscitation -- Cardiac Compression	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
22g	DRNIPPV	Initial Resuscitation -- Noninvasive ventilation	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown [DRNIPPV]=1 implies that [DRCPAP]=1.
22h	DRLMA	Initial Resuscitation - Supraglottic Airway Device	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
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.					
23a	DRSURF	Surfactant in the DR	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown
23b	SURFX	Surfactant Given at Any Time	Integer	{0, 1, 9}	1=Yes, 0=No, 9=Unknown, 7=N/A (Only if [DELDIE]=1)
23c	SURF1DHR	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))

23c	SURF1DMIN	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))
POST DELIVERY DIAGNOSIS AND INTERVENTIONS -- RESPIRATORY					
24a	ATEMPM	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.
NOTE: If [ACUTETRS]=1, then C.21a [T_TEMP3] must = 24b [ATEMP] in the CPQCC Section.					
24b	ATEMP	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!
24c	ACOOING	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
24d	ACOOINGMETHOD	Type of LAST Hypothermic Therapy for HIE during NICU Admission	Integer	{1, 3, 4, 7, 9}	1=Passive, 3=Whole Body, 4=Other, 7=N/A (only if [ACOOING]=0 OR [DELDIE]=1), 9=Unknown (always if [ACOOING]=9)
25a	OXY	Post DR Respiratory Support -- Supplemental Oxygen	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
25b	VENT	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
25c	HFV	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

25d	HFNC	Nasal Cannula	Integer	{0, 2, 3, 4, 7, 9}	0=No, 4=Yes, flow rate > 2l/min, 3= Yes, flow rate <= 2l/min, 2= Yes, flow rate unknown, 7=N/A (only if [DELDIE]=1), 9=Unknown,
25e	NIMV	Noninvasive 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
25f	CPAP	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
27a	DURVENT	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
27b	VENTDAYS	Duration of First Episode of Intubated Assisted Ventilation 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] IN (0,1,7) OR [DELDIE]=1), 9999=Unknown (always if [DURVENT]=9)
28	DIE12	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)
29	RDS	Respiratory Distress Syndrome	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
30	PNTX	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
31	MECONIUM	Meconium Aspiration Syndrome	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
32	CAFFEINE	Caffeine for Any Reason	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
33	VITAMINA	Intramuscular Vitamin A for Any Reason	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
34	NITRICO	Inhaled Nitric Oxide >4 hours	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
35	ECMO	ECMO	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
36a	POSTSTER	Postnatal Steroids	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown

36b	POSTERCLD	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
36b	POSTEREX	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).
36b	POSTERBP	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).
36b	POSTEROTH	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).
37	NEWOX28	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
38a	OX36	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 ([bwgt]>1500 AND [gaweeks]>31) OR [DELDIE]=1), 9=Unknown
38b	VENT36	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 ([bwgt]>1500 AND [gaweeks]>31) OR [DELDIE]=1), 9=Unknown.
38c	HFV36	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 ([bwgt]>1500 AND [gaweeks]>31) OR [DELDIE]=1), 9=Unknown.
38d	HFNC36	Nasal Cannula at 36 Weeks	Integer	{0, 2, 3, 4, 7, 9}	0=No, 4=Yes, flow rate > 2l/min, 3=Yes, flow rate <= 2l/min, 2=Yes, flow rate unknown, 7=N/A (only if infant not in hospital at 36 weeks OR ([bwgt]>1500 AND [gaweeks]>31) OR [DELDIE]=1), 9=Unknown.
38e	NIMV36	Noninvasive 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 ([bwgt]>1500 AND [gaweeks]>31) OR [DELDIE]=1), 9=Unknown.

38f	CPAP36	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 ([bwgt]>1500 AND [gaweeks]>31) OR [DELDIE]=1), 9=Unknown.
39a.	ACFINAL	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
39b	OXFINAL	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
39c	VENTFINAL	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
39d	HVFINAL	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
39e	HFNCFINAL	Respiratory Monitoring and Support Devices at Discharge -- Nasal Cannula at Discharge	Integer	{0, 2, 3, 4, 7, 9}	0=No, 4=Yes, flow rate > 2l/min, 3=Yes, flow rate <= 2l/min, 2=Yes, flow rate unknown,, 7=N/A (only if [DELDIE]=1), 9=Unknown
39f	NIMVFINAL	Respiratory Monitoring and Support Devices at Discharge -- Noninvasive Ventilation at Discharge	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown

39g	CPAPFINAL	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
POST-DELIVERY DIAGNOSES AND INTERVENTIONS -- INFECTIONS					
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.					
40	EBSEPS	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
40	EBSEPSCD1	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 (only if [EPSEPS]=9).
40	EBSEPSCD2	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 (only if [EPSEPS]=9).
40	EBSEPSCD3	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 (only if [EPSEPS]=9).
40	EBSEPSDESC	If Other, Organism	Char128	{Description, 77, 99}	Up to 128 alphanumeric characters (only if one of [EBSEPSCD1-3]=8888); 77=N/A if [EPSEPS]=0,7 or if [DELDIE]=1; 99=Unknown (only if [EPSEPS]=9)
41a	LBPATH	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

41a	LBPATHCD1	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 (only if [LBPATH]=9)
41a	LBPATHCD2	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 (only if [LBPATH]=9)
41a	LBPATHCD3	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 (only if [LBPATH]=9)
41a	LBPATHDESC	If Other, Organism	Char128	{Description, 77, 99}	Up to 128 alphanumeric characters (only if one of [LBPATHCD1-3]=8888); 77=N/A if [LBPATH]=0,7 or if [DELDIE]=1; 99=Unknown (only if [LBPATH]=9)
41b	CNEGSTAPH	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
41c	FUNGAL	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
42	VIRAL	Congenital Infection	Integer	{0, 1, 7, 9}	0=Negative culture, 7=N/A (only if [DELDIE]=1), 1=Yes, 9=Unknown

42	VIRALCD1	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 (only if [VIRAL]=9).
42	VIRALCD2	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 (only if [VIRAL]=9).
42	VIRALCD3	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 (only if [VIRAL]=9).
42	VIRALDESC	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 (only if [VIRAL]=9)
43a	PDA	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
43b	INDOMETH	Indomethacin For Any Reason	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
43c	IBUPROFEN	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.
43d.	ACETAMIN	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.
43e	PROSTAGLANDIN	Prostaglandin for the Treatment of PDA	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [PDA]=0), 9=Unknown (always if [PDA]=9)
43f	SRGPDA	PDA Ligation or PDA Closure by Catheterization	Integer	{0, 1, 7, 9, }	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [PDA]=0), 9=Unknown (always if [PDA]=9),

43g.	SRGPDAWTCHD	PDA Surgery in conjunction with Repair or Palliation of Congenital Heart Disease	Integer	{0, 1, 7, 9, }	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1 OR [SRGPDA]=0), 9=Unknown (always if [SRGPDA]=9)
44a	PROBIOTICS	Probiotics	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=N/A (only if [DELDIE]=1), 9=Unknown
44b	NEC	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
44c	SRGNEC	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
45a	GIPERF	Focal Intestinal Perforation	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
45b	GIPERF_SC	Surgically Confirmed or Clinically Diagnosed Focal Intestinal Perforation	Integer	{1, 2, 7, 9}	1 =Surgically Confirmed, 2 = Clinically Diagnosed, 7=Not Applicable (if [DELDIE]=1 or [GIPERF] = 0), 9= Unknown (always if [GIPERF]=9)
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.					
46a	EYEX	Retinal Exam	Integer	{0, 1, 7, 9}	0=No,1=Yes, 7=N/A (only if [DELDIE]=1 OR ([BWGT]>1500 AND [GAWEEKS]>31)), 9=Unknown
46b	ISTAGE	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)
46c	VEGF	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]>1500 AND [GAWEEKS]>31)), 9=Unknown

46d	SRGROP	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
47a	SRGOTH	Other Surgery	Integer	{0, 1, 7, 9}	0=No,7=N/A (only if [DELDIE]=1), 1=Yes, 9=Unknown
47b	SRGCD1	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).
47b	SRGCD2	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).
47b	SRGCD3	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).
47b	SRGCD4	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).
47b	SRGCD5	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).
47b	SRGCD6	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).

47b	SRGCD7	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).
47b	SRGCD8	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).
47b	SRGCD9	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).
47b	SRGCD10	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).
47b	SRGSSI1	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 (only if [SRGOTH]=9).
47b	SRGSSI2	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 (only if [SRGOTH]=9).
47b	SRGSSI3	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 (only if [SRGOTH]=9).

47b	SRGSSI4	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 (only if [SRGOTH]=9).
47b	SRGSSI5	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 (only if [SRGOTH]=9).
47b	SRGSSI6	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 (only if [SRGOTH]=9).
47b	SRGSSI7	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 (only if [SRGOTH]=9).
47b	SRGSSI8	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 (only if [SRGOTH]=9).
47b	SRGSSI9	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 (only if [SRGOTH]=9).
47b	SRGSSI10	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 (only if [SRGOTH]=9).

47b	SRGOTHDESC	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.
POST-DELIVERY DIAGNOSES AND INTERVENTIONS -- NEUROLOGICAL					
48a	IMAGE28	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
48b	IGRADE	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.
48c	PIHHEMLOC	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).
48d	SHUNT	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).
48e	OTHHEM	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).
48e	OTHHEMDESC	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).
49a	PVLIMAG	Neural Image Done at Any Time?	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.

49b	PVL	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).
49c	CEREBELLAR_HEM	Cerebellar Hemorrhage	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). Should always be 1 if [OTHHHEM]=1 AND [OTHHHEMDESC] = Cerebellar Hemorrhage.
50	SEIZURE	Seizures, EEG or Clinical	Integer	{0, 1, 7, 9}	0=No, 7=N/A (only if [DELDIE]=1), 1=Yes, 9=Unknown
51	HIE	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]<35), 9=Unknown
POST-DELIVERY DIAGNOSES AND INTERVENTIONS -- CONGENITAL MALFORMATIONS					
52a	CMAL	Major Congenital Anomaly	Integer	{0, 1, 9}	0=No, 1=Yes, 9=Unknown
NOTE: If [ACUTETRS]=1, then C.6b [T_BCD1 to T_BCD5] must = [BDCD1 to BDCD5] in the CPQCC Section. Submit this variable once by					
52b	BDCD1	Congenital Anomaly Code 1	Integer	{congenital anomalies Table, 7777, 9999}	7777=N/A (only if [T_CMAL]=0 AND [CMAL]=0), 9999=Unknown (only if [CMAL]=9)
	BDCD1FLAG	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 (only if [T_CMAL]=9).
52b	BDCD2	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 (only if [CMAL]=9)
	BDCD2FLAG	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 (only if [T_CMAL]=9).
52b	BDCD3	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 (only if [CMAL]=9)
	BDCD3FLAG	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 (only if [T_CMAL]=9).
52b	BDCD4	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 (only if [CMAL]=9)
	BDCD4FLAG	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 (only if [T_CMAL]=9).
52b	BDCD5	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 (only if [CMAL]=9)

	BDCD5FLAG	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 (only if [T_CMAL]=9).
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.					
52b	BDEFECT	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)
POST-DELIVERY DIAGNOSES AND INTERVENTIONS -- HYPERBILIRUBINEMIA					
NOTE: Answer only for Outborn Infants Previously Discharged Home [PDH]=1					
53a	BILILEVEL	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.
53b	EXCHANGE	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.
53c	LASTHOSPITAL	Last Hospital Prior to Discharge	Char6	{HCAI ID (formerly OSHPD) number, 777777, 999999}	Valid HCAI ID (formerly OSHPD) number (see list); 777777=N/A (only if [DELDIE]=1 OR [LOCATE] in {0,2} OR [PDH]=0), 999999=Unknown.
LANGUAGE AND INTERPRETER					

54a	LANGUAGE	Primary Caregiver's Preferred Language	Integer	{Language codes}	592 = English 593 = Arabic 594 = Armenian 595 = Cambodian/Khmer 596 = Cantonese 597 = Farsi/Persian 598 = Hmong/Miao 599 = Korean 600 = Mandarin 601 = Russian 602 = Spanish 603 = Tagalog 604 = Vietnamese 605 = Sign Language 725 = Japanese 726 = Hindi 727 = Mixteco 728 = Punjabi 729 = Thai 7777 = Not Applicable (only if [DELDIE]=1) 9998 = Other, DESCRIBE 9999 = Unknown
54b	LANGUAGEDESC	Primary Caregiver's Preferred Language, description for Other	Char6	Char64	Only if [LANGUAGE]=9998
55	INTERPRETER	Did the primary caregiver require interpreter services (either in-person or remote) during this hospitalization?	Integer	{1, 0, 7, 9}	1=Yes, 0=No, 7=N/A (always if [DELDIE]=1 or [LANGUAGE]=592), 9=Unknown (always if [LANGUAGE]=9999)
INITIAL DISPOSITION					
56	ENTFEED	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
57	FDISP	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

58	DWGT	Initial Disposition Weight (in Grams)	Long Integer	{201-66665, 99999}	201-66665, 77777=Not Done or N/A (always if [DELDIE]=1), 99999=Unknown
59	HEADCIRC	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=Not done or N/A (always if [DELDIE]=1) 999.9=Unknown
60	LOS1	Initial Length of Stay	Integer	{1-366 or 367, 999}	1 to 366 (367 if leap day must be added), 777=N/A (only if [DELDIE]=1); 999=Unknown.
TRANSFER					
61	TRANSCODE	Reason for Transport	Integer	{0, 1, 2, 3, 4, 6, 10, 55, 77, 99}	0=ECMO, 10= Hypothermic Therapy, 3=Surgery, 2=Other Medical/Diagnostic services, 1=Growth/Discharge planning, 4=Chronic care, 6=Insurance, 55=Other Reason, 77=N/A (only if [DELDIE]=1 OR FDISP in {1,3,5}), 99=Unknown (always if [FDISP]=9)
62	XFERLOCATION	Transferred to a CPQCC Center	Char6	{HCAI ID (formerly OSHPD) number, 777777, 999999}	Valid HCAI ID (formerly OSHPD) number (see list); 777777=N/A (only if [DELDIE]=1 OR [FDISP] in {1,3,5}); 999999=Unknown (always if [FDISP]=9).
63	F2DISP	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)

64	F3WGT	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])
65	F3DISP	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)
66	UDISP	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).
67	LOSTOT	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).

2024 OPTIONAL ITEMS

DRO2.1	DRSAO2	Mean Oxygen Saturation (SaO ₂) at 5 Minutes	Integer	{0-100, 777, 999}	0-100, 777=N/A if ([bwgt] > 1500 AND [gaweeks] > 31) OR [locate] = 1, 999=Unknown Leave empty if your NICU is not participating in the DR O₂ Qi project.
DRO2.2	DRFIO2	Inspired Oxygen Concentration (FiO ₂) at 5 Minutes	Integer	{21-100, 777, 999}	21-100, 777=N/A if ([bwgt] > 1500 AND [gaweeks] > 31) OR [locate] = 1, 999=Unknown Leave empty if your NICU is not participating in the DR O₂ Qi project.
FCC.1 / MOMMS.2	FCCSKIN	Days from Hospital Admission/NICU Admission to First Skin-to-Skin Care at Your Hospital	Integer	{1-367, 0, 777, 999, 7777, 9999}	0=First Skin-to-Skin prior to NICU admission (big babies only!), 1-366 (367 for leap years), 777= skin-to-skin was never used at your hospital or if [DELDIE]=1, 999= Unknown MOMMS Participants only: 7777=Not Applicable only if [DELDIE]=1 OR ([BWGT]>1500 AND [GAWEEKS]>31) OR [DAYADMISS]>3 OR [BDATE]<01JUN2024 OR [MOMMS_HIV]=1 OR [MOMMS_MTX]=1 OR [MOMMS_GALACTOSEMIA]=1 OR [MOMMS_HTLV]=1 OR [MOMMS_MEDS]=1 OR [MOMMS_ADOPT]=1. Note that if [DELDIE]=1 this item can be coded as 777 or 7777. The unknown option can be coded as 999 or 9999. Leave empty if your NICU is not participating in the FCC or MOMMS projects.
FCC.2	FCCSWRK	Days from Hospital Admission/NICU Admission to First Social Worker Contact at Your Hospital	Integer	{1-367, 0, 777, 999}	0=First social worker contact prior to NICU admission (big babies only!), 1-366 (367 for leap years), 777=no social worker contact ever at your hospital OR if [DELDIE]=1, 999= Unknown Leave empty if your NICU is not participating in the FCC project.

FCC.3 / MOMMS.3	FCCTCOL	Hours from Birth to Administering Oral Colostrum at Your Hospital	Integer	{0-480, 777, 999, 7777, 9999}	0-480, 777=if oral colostrum was never administered at your hospital or [DELDIE], 999=Unknown, MOMMS Participants only: 7777=Not Applicable only if [DELDIE]=1 OR ([BWGT]>1500 AND [GAWEEKS]>31) OR [DAYADMISS]>3 OR [BDATE]<01JUN2024 OR [MOMMS_HIV]=1 OR [MOMMS_MTX]=1 OR [MOMMS_GALACTOSEMIA]=1 OR [MOMMS_HTLV]=1 OR [MOMMS_MEDS]=1 OR [MOMMS_ADOPT]=1, 9999= Unknown, Note that if [DELDIE]=1 this item can be coded as 777 or 7777. The Unknown option can be coded as 999 or 9999. Leave empty if your NICU is not participating in the FCC or MOMMS project.
FCC.4	FCCCOMMENT	Any comments regarding the FCC items	Char256		Leave empty if your NICU is not participating in the FCC or MOMMS projects or if you have no comments.
27c	VENTTLDAYS	Total duration of intubated assisted ventilation including all episodes at 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 (if only one episode of intubated assisted ventilation OR ([BWGT]>1500 AND [GAWEEKS]>31) OR [DURVENT] IN (0,7) OR [DELDIE]=1), 9999=Unknown (always if [DURVENT]=9) Leave empty if your NICU is not submitting this optional item.
MOMMS.1 HIV	MOMMS_HIV	HIV exclusion	Integer	{0, 1, 7}	0=No, 1=Yes, 7=Not Applicable if [DELDIE]=1 OR ([BWGT]>1500 AND [GAWEEKS]>31) OR [DAYADMISS]>3 OR [BDATE]<01JUN2024. Leave empty if your NICU is not participating in the MOMMS project.
MOMMS.1 Substance Use	MOMMS_MTX	Maternal substance use disorder exclusion	Integer	{0, 1, 7}	0=No, 1=Yes, 7=Not Applicable if [DELDIE]=1 OR ([BWGT]>1500 AND [GAWEEKS]>31) OR [DAYADMISS]>3 OR [BDATE]<01JUN2024. Leave empty if your NICU is not participating in the MOMMS project.

MOMMS.1 Galactosemia	MOMMS_GALACTOSEMIA	Galactosemia exclusion	Integer	{0, 1, 7}	0=No, 1=Yes, 7=Not Applicable if [DELDIE]=1 OR ([BWGT]>1500 AND [GAWEEKS]>31) OR [DAYADMISS]>3 OR [BDATE]<01JUN2024. Leave empty if your NICU is not participating in the MOMMS project.
MOMMS.1 HTLV	MOMMS_HTLV	HTLV 1/2 infection exclusion	Integer	{0, 1, 7}	0=No, 1=Yes, 7=Not Applicable if [DELDIE]=1 OR ([BWGT]>1500 AND [GAWEEKS]>31) OR [DAYADMISS]>3 OR [BDATE]<01JUN2024. Leave empty if your NICU is not participating in the MOMMS project.
MOMMS.1 Meds	MOMMS_MEDS	Medication exclusion	Integer	{0, 1, 7}	0=No, 1=Yes, 7=Not Applicable if [DELDIE]=1 OR ([BWGT]>1500 AND [GAWEEKS]>31) OR [DAYADMISS]>3 OR [BDATE]<01JUN2024. Leave empty if your NICU is not participating in the MOMMS project.
MOMMS.1 Adoption	MOMMS_ADOPT	Adoption exclusion	Integer	{0, 1, 7}	0=No, 1=Yes, 7=Not Applicable if [DELDIE]=1 OR ([BWGT]>1500 AND [GAWEEKS]>31) OR [DAYADMISS]>3 OR [BDATE]<01JUN2024. Leave empty if your NICU is not participating in the MOMMS project.
MOMMS.4	MOMMS_LTO1	Maternal Milk LTO Check-In at Age 1-2 Weeks	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=Not Applicable if [DELDIE]=1 OR ([BWGT]>1500 AND [GAWEEKS]>31) OR [DAYADMISS]>3 OR [BDATE]<01JUN2024 OR [MOMMS_HIV]=1 OR [MOMMS_MTX]=1 OR [MOMMS_GALACTOSEMIA]=1 OR [MOMMS_HTLV]=1 OR [MOMMS_MEDS]=1 OR [MOMMS_ADOPT]=1, 9=Unknown. Leave empty if your NICU is not participating in the MOMMS project.
MOMMS.5	MOMMS_LTO2	Maternal Milk LTO Check-In at PMA 32-34 Weeks	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=Not Applicable if [DELDIE]=1 OR ([BWGT]>1500 AND [GAWEEKS]>31) OR [DAYADMISS]>3 OR [BDATE]<01JUN2024 OR [MOMMS_HIV]=1 OR [MOMMS_MTX]=1 OR [MOMMS_GALACTOSEMIA]=1 OR [MOMMS_HTLV]=1 OR [MOMMS_MEDS]=1 OR [MOMMS_ADOPT]=1, 9=Unknown. Leave empty if your NICU is not participating in the MOMMS project.

MOMMS.6	MOMMS_BMVOL	Maximum Breastmilk Volume in 24 hours by 2 Weeks	Long Integer	{0-2000, 7777, 9999}	0-2000, 7777=Not Applicable if Mom chose to not breastfeed OR [DELDIE]=1 OR ([BWGT]>1500 AND [GAWEEKS]>31) OR [DAYADMISS]>3 OR [BDATE]<01JUN2024 OR [MOMMS_HIV]=1 OR [MOMMS_MTX]=1 OR [MOMMS_GALACTOSEMIA]=1 OR [MOMMS_HTLV]=1 OR [MOMMS_MEDS]=1 OR [MOMMS_ADOPT]=1, 9999=Unknown. Leave empty if your NICU is not participating in the MOMMS project.
MOMMS.7	MOMMS_BFDIS	Breastfed within 24 Hours prior to Discharge	Integer	{0, 1, 7, 9}	0=No, 1=Yes, 7=Not Applicable if [DELDIE]=1 OR ([BWGT]>1500 AND [GAWEEKS]>31) OR [DAYADMISS]>3 OR [BDATE]<01JUN2024 OR [MOMMS_HIV]=1 OR [MOMMS_MTX]=1 OR [MOMMS_GALACTOSEMIA]=1 OR [MOMMS_HTLV]=1 OR [MOMMS_MEDS]=1 OR [MOMMS_ADOPT]=1, 9=Unknown (always if ([LOS1]=999 AND ([FDISP] IN {1,3,5,9} OR ([FDISP]=2 AND [F2DISP] IN {1,2,3,5,9})))) OR ([LOSTOT]=999 AND [FDISP]=2 AND [F2DISP]=4)). This field is ignored if ([LOS1]=NULL AND ([FDISP] IN {1,3,5,9} OR ([FDISP]=2 AND [F2DISP] IN {1,2,3,5,9})))) OR ([LOSTOT]=NULL AND [FDISP]=2 AND [F2DISP]=4)). Leave empty if your NICU is not participating in the MOMMS project.

Appendix G. Section II. 2024 EDS Specifications for the CPeTS Database: Summary of Codes for Transport Special Situations

NOTE: ITEMS REMOVED FROM CPeTS are highlighted in Gray.						
2024 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	T_SPECIALSITUATION	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	T_TYPE	Transport Type	1=Requested Delivery	enter data	enter data	enter data
C.1	T_TYPEDESC	Type Describe	enter data	enter data	enter data	enter data
C.2	T_TRANSCODE	Indication for Transport	enter data	enter data	enter data	enter data
C.14	T_REFDATETIME	Date/Time of Referral	enter data	enter data	enter data	enter data
C.15	T_ACCDATETIME	Date/Time of Acceptance	enter data	enter data	enter data	enter data
C.10	T_MADMDATETIME	Date/Time of mother's admission to L&D	enter data	enter data	N/A	N/A
C.11	T_BDATETIME	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	T_BWGT	Birthweight	enter data	enter data	Enter current weight	Enter current weight
C.4/ (AD3a, 3b)	GAWEEKS, GADAYS	Best estimate of gestational age -- weeks, days	enter data	enter data	enter data	enter data
C.5/ (AD5)	SEX	Sex of infant	enter data	enter data	enter data	enter data
C.6a	T_CMAL	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.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.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.12	T_mftranscon	Maternal Fetal Transport Consideration	enter data	enter data	N/A	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

	T_BPDI3	at NICU Admission	enter data	enter data	enter data	enter data
C.28c	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_TTDEPDATE	Date/Time of transport team departure for referring hospital	enter data	N/A	enter data	enter data
C.17	T_TTARRDATE	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 [optional]	enter data [optional]	enter data [optional]	enter data [optional]