APPENDIX M: Definitions of Neonate, Newborn, Normal Newborn, and Outborn

Definitions of "neonate," "newborn," "normal newborn," and "outborn" are cumulative as specified. For example, the definition of "normal newborn" also contains the definition of "newborn" and "neonate."

A neonate is defined as any discharge with either:

- age in days at admission between zero and 28 days (inclusive) or
- age in days missing and age in years equal to zero and with either:
  - an admission type of newborn (ATYPE=4) or
  - any-listed ICD-10-CM diagnosis codes for in-hospital live birth (***LIVEBND***)

A newborn is defined as any discharge meeting the definition of "neonate" (see above) with either:

- any-listed ICD-10-CM diagnosis codes (***LIVEBND***) for in-hospital live birth (see above) and age in days equal to zero or missing or
- an admission type of newborn (SID ATYPE=4) and age in days equal to zero without any-listed ICD-10-CM diagnosis codes (***LIVEB2D***) for out-of-hospital live birth or
- an admission type of newborn (SID ATYPE=4) with point of origin for born inside this hospital (POINTOFORIGINUB04 code = 5)

A normal newborn is defined as any discharge meeting the definition of "newborn" (see above) with an MS-DRG code of 795.

An outborn is defined as any discharge meeting the definition of "neonate" (see above) that does not meet the definition of "newborn" (see above) with either:

- age in days less than 2 days and not missing; or
- an admission type of newborn (SID ATYPE=4) and age in days missing or
- an admission type of newborn (SID ATYPE=4) and point of origin for born outside this hospital (POINTOFORIGINUB04 code = 6)

In-hospital live birth diagnosis codes: (LIVEBND)

Z3800	Single liveborn infant, delivered vaginally	Z3863	Quadruplet liveborn infant, delivered vaginally
Z3801	Single liveborn infant, delivered by cesarean	Z3864	Quadruplet liveborn infant, delivered by cesarean
Z3830	Twin liveborn infant, delivered vaginally	Z3865	Quintuplet liveborn infant, delivered vaginally
Z3831	Twin liveborn infant, delivered by cesarean	Z3866	Quintuplet liveborn infant, delivered by cesarean
Z3861	Triplet liveborn infant, delivered vaginally	Z3868	Other multiple liveborn infant, delivered vaginally
Z3862	Triplet liveborn infant, delivered by cesarean	Z3869	Other multiple liveborn infant, delivered by cesarean

Out-of-hospital live birth diagnosis codes: (LIVEB2D)

Z381	Single liveborn infant, born outside hospital	Z384	Twin liveborn infant, born outside hospital
		Z387	Other multiple liveborn infant, born outside hospital