AHRQ QI™ ICD-10-CM/PCS Specification Enhanced Version 5.0
Prevention Quality Indicators Appendices
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# Prevention Quality Indicators Appendices

## APPENDIX D: Definitions of Neonate, Newborn, Normal Newborn, and Outborn

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 either:
  o an admission type of newborn (SID ATYPE=4); or
  o with any-listed ICD-9-CM or ICD-10-CM diagnosis codes for in-hospital live birth; or
  o with any-listed ICD-9-CM or ICD-10-CM diagnosis codes for neonatal observation and evaluation

### In-hospital live birth diagnosis codes: (LIVEBND)

| ICD-9-CM | Description | ICD-10-CM | Description |
|---|---|---|---|
| V3000 | SINGLE LB IN-HOSP W/O CS | Z3800 | Single liveborn infant, delivered vaginally |
| V3001 | SINGLE LB IN-HOSP W CS | Z3801 | Single liveborn infant, delivered by cesarean |
| V3100 | TWIN-MATE LB-HOSP W/O CS | Z3830 | Twin liveborn infant, delivered vaginally |
| V3101 | TWIN-MATE LB-IN HOS W CS | Z3831 | Twin liveborn infant, delivered by cesarean |
| V3200 | TWIN-MATE SB-HOSP W/O CS | Z3861 | Triplet liveborn infant, delivered vaginally |
| V3201 | TWIN-MATE SB-HOSP W CS | Z3862 | Triplet liveborn infant, delivered by cesarean |
| V3300 | TWIN-NOS-IN HOSP W/O CS | Z3863 | Quadruplet liveborn infant, delivered vaginally |
| V3301 | TWIN-NOS-IN HOSP W CS | Z3864 | Quadruplet liveborn infant, delivered by cesarean |
| V3400 | OTH MULT LB-HOSP W/O CS | Z3865 | Quintuplet liveborn infant, delivered vaginally |
| V3401 | OTH MULT LB-IN HOSP W CS | Z3866 | Quintuplet liveborn infant, delivered by cesarean |
| V3500 | OTH MULT SB-HOSP W/O CS | Z3868 | Other multiple liveborn infant, delivered vaginally |
| V3501 | OTH MULT SB-IN HOSP W CS | Z3869 | Other multiple liveborn infant, delivered by cesarean |
| V3600 | MULT LB/SB-IN HOS W/O CS | | |
| V3601 | MULT LB/SB-IN HOSP W CS | | |
| V3700 | MULT BRTH NOS-HOS W/O CS | | |
| V3701 | MULT BIRTH NOS-HOSP W CS | | |
| V3900 | LIVEBORN NOS-HOSP W/O CS | | |
| V3901 | LIVEBORN NOS-HOSP W CS | | |

### Neonatal observation and evaluation diagnosis codes: (V29D)

| ICD-9-CM | Description | ICD-10-CM | Description |
|---|---|---|---|
| V290 | OBSERVATIONS FOR SUSPECTED INFECTIOUS CONDITION | *Not applicable; no equivalent ICD-10-CM codes* | |
| V291 | OBSERVATIONS FOR SUSPECTED NEUROLOGICAL CONDITION | | |
| V292 | OBSERVATIONS FOR SUSPECTED RESPIRATORY CONDITION | | |
| V293 | OBSERVATIONS FOR SUSPECTED GENETIC OR METABOLIC CONDITION | | |
| V298 | OBSERVATIONS FOR OTHER SPECIFIED SUSPECTED CONDITION | | |
| V299 | OBSERVATIONS FOR UNSPECIFIED SUSPECTED CONDITION | | |

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A newborn is defined as any discharge meeting the definition of "neonate" (see above) with either:
• any-listed ICD-9-CM or ICD-10-CM diagnosis codes 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-9-CM or ICD-10-CM diagnosis codes 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)

| *Out-of-hospital live birth diagnosis codes: (LIVEB2D)* | | | |
|---|---|---|---|
| ICD-9-CM | Description | ICD-10-CM | Description |
| V301 | SINGL LIVEBRN-BEFORE ADM | Z381 | Single liveborn infant, born outside hospital |
| V302 | SINGLE LIVEBORN-NONHOSP | Z384 | Twin liveborn infant, born outside hospital |
| V311 | TWIN, MATE LB-BEFORE ADM | Z387 | Other multiple liveborn infant, born outside hospital |
| V312 | TWIN, MATE LB-NONHOSP | | |
| V321 | TWIN, MATE SB-BEFORE ADM | | |
| V322 | TWIN, MATE SB-NONHOSP | | |
| V331 | TWIN NOS-BEFORE ADMISSN | | |
| V332 | TWIN NOS-NONHOSP | | |
| V341 | OTH MULT NB-BEFORE ADM | | |
| V342 | OTH MULTIPLE NB-NONHOSP | | |
| V351 | OTH MULT SB-BEFORE ADM | | |
| V352 | OTH MULTIPLE SB-NONHOSP | | |
| V361 | MULT NB/SB-BEFORE ADM | | |
| V362 | MULTIPLE NB/SB-NONHOSP | | |
| V371 | MULT BRTH NOS-BEFORE ADM | | |
| V372 | MULT BIRTH NOS-NONHOSP | | |
| V391 | LIVEBORN NOS-BEFORE ADM | | |
| V392 | LIVEBORN NOS-NONHOSP | | |

A normal newborn is defined as any discharge meeting the definition of "newborn" (see above) with a DRG code of 391 or a MS-DRG code 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)