**Appendix: Analysis Birth Codes: Nationwide Inpatient Sample, 2009**

| **Birth Codes** |
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| **Code(s)** | **Description** | **Long Description** |
| V27.0   | Deliver-single liveborn | Deliver-single liveborn |
| V27.1   | Deliver-single stillborn | Deliver-single stillborn |
| V27.2   | Deliver-twins, both live | Deliver-twins, both live |
| V27.3   | Del-twins, 1 nb, 1 sb | Del-twins, 1 nb, 1 sb |
| V27.4   | Deliver-twins, both sb | Deliver-twins, both sb |
| V27.5   | Del-mult birth, all live | Del-mult birth, all live |
| V27.6   | Del-mult brth, some live | Del-mult brth, some live |
| V27.7   | Del-mult birth, all sb | Del-mult birth, all sb |
| V27.9   | Outcome of delivery NOS | Outcome of delivery NOS |
| 650 | Normal Delivery | Normal delivery, Delivery requiring minimal or no assistance, with or without episiotomy, without fetal manipulation [e.g.,rotation version] or instrumentation [forceps] of spontaneous, cephalic |
| V30<.001   | Single lb in-hosp w/o cs | Single liveborn, born in hospital; delivered without mention of cesarean delivery |
| V30.01   | Single lb in-hosp w cs | Single liveborn, born in hospital; delivered by cesarean delivery |
| V30.1   | Singl livebrn-before adm | Single liveborn; born before admission to hospital |
| V30.2   | Single liveborn-nonhosp | Single liveborn; born outside hospital and not hospitalized |
| V31.0 | Twin, mate livebrn-in hosp | V31.0 Twin, mate liveborn; born in hospital |
| V31<.001   | Twin-mate lb-hosp w/o cs | Twin, mate liveborn; born in hospital; delivered without mention of cesarean delivery |
| V31.01   | Twin-mate lb-in hos w cs | Twin, mate liveborn; born in hospital; delivered by cesarean delivery |
| V31.1 | Twin, mate livebrn-before adm | Twin, mate liveborn; born before admission to hospital |
| V31.2 | Twin-mate lb-nonhosp | Twin, mate liveborn; born outside hospital and not hospitalized |
| V33<.001 | Twin-NOS-in hosp w/o cs | Twin, unspecified; born in hospital; delivered without mention of cesarean delivery |
| V33.01 | Twin-NOS-in hosp w cs | Twin, unspecified; born in hospital; delivered by cesarean delivery, born in hospital |
| V33.1 | Twin NOS-before admissn | Twin, unspecified; born before admission to hospital |
| V33.2 | Twin NOS-nonhosp | Twin, unspecified; born outside hospital and not hospitalized |
| V3400 | Oth mult lb-hosp w/o cs | Other multiple, mates all liveborn; born in hospital; delivered without mention of cesarean delivery |
| V3401 | Oth mult lb-in hosp w cs | Other multiple, mates all liveborn; born in hospital; delivered by cesarean delivery |
| V341 | Oth mult nb-before adm | Other multiple, mates all liveborn; born before \mission to hospital |
| V342 | Oth multiple nb-nonhosp | Other multiple, mates all liveborn; born outside hospital and not hospitalized |
| V37<.001 | V37.0 Born in hospital | Other multiple, unspecified; born in hospital; delivered without mention of cesarean delivery |
| V37.01 | V37.0 Born in hospital | Other multiple, unspecified; born in hospital; delivered by cesarean delivery |
| V37.1 | Mult brth NOS-before adm | Other multiple, unspecified; born before admission to hospital |
| V37.2 | Mult birth NOS-nonhosp | Other multiple, unspecified; born outside hospital and not hospitalized |
| V39<.001 | Oth multiple nb-nonhosp | Unspecified liveborn; born in hospital; delivered without mention of cesarean delivery |
| V39.01 | Liveborn NOS-hosp w cs | Unspecified liveborn; born in hospital; delivered by cesarean delivery |
| V39.1 | Liveborn NOS-before adm | Unspecified liveborn; born before admission to hospital |
| V39.2 | Liveborn NOS-nonhosp | Unspecified liveborn; born outside hospital and not hospitalized |
| **DRG's** |  |  |
| 765 | Cesarean section with complications and comorbidities/major complications and comorbidities |
| 766 | Cesarean section without complications and comorbidities/major complications and comorbidities |
| 767 | Vaginal delivery with sterilization and/or dilation and curettage |
| 768 | Vaginal delivery with operating room procedure except sterilization and/or dilation and curettage |
| 774 | Vaginal delivery with complicating diagnoses |
| 775 | Vaginal delivery without complicating diagnoses |
| **Birth Exclusions** |
| **Code(s)** | **Description** | **Long Description** |
| 630 | Hydatidiform mole |
| 631 | Other abnormal product of conception |
| 633 | Ectopic pregnancy |
| 632, 634, 635, 636, 637, 638, 639, 69.01, 69.51, 74.91, 75 | Abortion |