



If I want to identify potential delivery records, which DRG is the best for me?

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# Comparison of Differences in CMS DRG Version 30 and APR DRG Version Top Ranking Delivery Groupings by Charges for Massachusetts HDD

CMS DRG	CMS Version 30 DRG
766	Cesarean section w/o CC/MCC
775	Vaginal delivery w/o complicating diagnoses
765	Cesarean section w CC/MCC
774	Vaginal delivery w complicating diagnoses
767	Vaginal delivery w sterilization &/or D&C
776	Postpartum & post abortion diagnoses w/o O.R. procedure
781	Other antepartum diagnoses w medical complications
794	Neonate w other significant problems
982	Extensive O.R. procedure unrelated to principal diagnosis w CC
782	Other antepartum diagnoses w/o medical complications
768	Vaginal delivery w O.R. proc except steril &/or D&C
792	Prematurity w/o major problems
789	Neonates, died or transferred to another acute care facility
791	Prematurity w major problems
793	Full term neonate w major problems
769	Postpartum & post abortion diagnoses w O.R. procedure

APR DRG	APR DRG* Version 30 DRG
540	Cesarean delivery
560	Vaginal delivery
541	Vaginal delivery w sterilization &/or D&C
561	Postpartum & post abortion diagnoses w/o procedure
566	Other antepartum diagnoses
640	Neonate birthwt >2499g, normal newborn or neonate w other problem
542	Vaginal delivery w complicating procedures exc sterilization &/or D&C
950	Extensive procedure unrelated to principal diagnosis
625	Neonate bwt 2000-2499g w other significant condition
614	Neonate bwt 1500-1999g w or w/o other significant condition
546	Other O.R. proc for obstetric diagnoses except delivery diagnoses
639	Neonate birthwt >2499g w other significant condition
633	Neonate birthwt >2499g w major anomaly
544	D&C, aspiration curettage or hysterotomy for obstetric diagnoses
626	Neonate bwt 2000-2499g, normal newborn or neonate w other problem
621	Neonate bwt 2000-2499g w major anomaly
580	Neonate, transferred <5 days old, not born here

*\* Note: APR DRG includes additional Subclass groupings by Category for **Severity of Illness** and **Risk of Mortality***

# Comparison of CMS-DRG to APR-DRG for 4 Single Liveborn Cases\*

PDX V3000: Single liveborn, born in hospital, delivered without mention of cesarean section Admission age in days: 0 Discharge status: Home Birthweight: 500G					
	Case 1	Case 2	Case 3	Case 4	Description
<b>Secondary Diagnoses</b>		748.4	748.4 770.8	748.4 770.8 753.0	Congenital Cystic Lung Respiratory Failure of NB Renal Agenesis
<b>CMS DRG</b>	391	390	389	389	<b>Normal Newborn/ Newborn with other significant problems/Full Term Neonate w/ Maj. Prob.  Neonate, birth weight 500-749G, without major procedure</b>
<b>APR DRG</b>	591 Subclass 1	591 Subclass 2	591 Subclass 3	591 Subclass 4	
<b>CMS DRG</b>	<b>0.2560</b>	0.2892	<b>0.6430</b>	<b>0.6430</b>	Payment weights**
<b>APR DRG</b>	<b>0.1134</b>	2.6320	<b>12.8901</b>	<b>23.1141</b>	

\* Source: Lisa Lyons, An Overview of 3M™ All Patient Refined Diagnostic Related Groups (3M APR DRG), July 13, 2012, 3M HIS

\*\* Payment weights are budget neutral and computed from a national database

# Comparison of CMS-DRG to APR-DRG for Preterm Infant\*

	Principal Diagnosis: Preterm Infant		
	33-34 weeks gestation 2200 (4.85 lbs)	33-34 weeks gestation 2200 (4.85 lbs)	25-26 weeks gestation 850 g (1.87 lbs)
<b>Principal Diagnosis</b>	Single Liveborn	Single Liveborn	Single Liveborn
<b>Secondary Diagnoses</b>	Tetralogy of Fallot	Tetralogy of Fallot	Tetralogy of Fallot
	Other preterm infants -- code: 76518	Other preterm infants -- code: 76518	Extreme immaturity -- code: 76503
	33-34 weeks gestation -- code: 76527	33-34 weeks gestation -- code: 76527	25-26 weeks gestation -- code: 76523
	Respiratory distress syndrome	Respiratory distress syndrome	Respiratory distress syndrome
		Chronic resp disease	Chronic resp disease
		Primary apnea	Primary apnea
		Pneumonia	Pneumonia
		Preterm Jaundice	Preterm Jaundice
		Feeding problems	Feeding problems
		Retrolental fibroplasia	Retrolental fibroplasia
	Cutaneous hemorrhage	Cutaneous hemorrhage	
<b>CMV (Continuous Mechanical Ventilation)</b>	NA	CMV < 96 hours	CMV < 96 hours
<b>Medicare DRG</b>	Extreme Immaturity or Resp Distress -- code: 386	Extreme Immaturity or Resp Distress -- code: 386	Extreme Immaturity or Resp Distress -- code: 386
<b>3M™ APR™ DRG</b>	Neonate BW 2000-2499 w Major Anomaly -- code: 621	Neonate BW 2000-2499 w Major Anomaly -- code: 621	Neonate BW 750-999 w/o Major Procedure -- code: 593
<b>Severity of Illness</b>	2 - Moderate	4 - Extreme	4 - Extreme
<b>Medicare Weight</b>	4.5935	4.5935	4.5935
<b>APR Relative Weight</b>	2.1324	7.6616	17.0215
<b>Length of Stay</b>	7	38	86
<b>Risk of Mortality</b>	1 - Minor	2 - Moderate	3 - Major
<b>National Mortality Rate (APR Adjusted)</b>	6.94%	7.33%	18.39%

\* Source: All Patient Refined DRGs, a Methodology Overview, 2006, 3M HIS, <https://msmedicaid.acs-inc.com/trainingMaterials/MSAPR-Methodology.pdf>