

**Supplement Table 1: Disease Classification Codes for Birth Defects Used in the Study**

Birth Defects	Disease Classification Codes	
	International Classification of Diseases, 9 <sup>th</sup> Revision, Clinical Modification (ICD-9-CM)	Centers for Disease Control and Prevention/British Pediatric Association Classification of Diseases (CDC/BPA)
<b>Central Nervous System</b>		
Anencephaly	740.0 – 740.1	740.00 – 740.10
Encephalocele	742.0	742.00 – 742.09
Spina bifida without anencephaly	741.0, 741.9 w/o 740.0 - 740.1	741.00 – 741.99 w/o 740.00 – 740.10
<b>Eye</b>		
Anophthalmia/microphthalmia	743.0, 743.1	743.00 – 743.10
<b>Cardiovascular</b>		
Atrioventricular septal defect (endocardial cushion defect)	745.60, .61, .69	745.60 – 745.69, 745.487
Common truncus (truncus arteriosus)	745.0	745.00 (excluding 745.01)
Transposition of the great arteries (TGA)	745.10, .12, .19	745.10 – 745.12, 745.18 – 745.19
Dextro-Transposition of great arteries (d-TGA) – for CCHD screening*	745.10	745.10, 745.11, 745.18, 745.19
Tetralogy of Fallot	745.2	745.20 – 745.21, 747.31
Pulmonary valve atresia and stenosis	746.01, 746.02	746.00, 746.01
Pulmonary valve atresia – for CCHD screening	746.01	746.00
Tricuspid valve atresia and stenosis	746.1	746.100, 746.106 (excluding 746.105)
Tricuspid valve atresia– for CCHD screening	746.1	746.100
Ebstein anomaly	746.2	746.20
Aortic valve stenosis	746.3	746.30
Hypoplastic left heart syndrome (HLHS)	746.7	746.70
Coarctation of aorta	747.10	747.10 – 747.19
Total anomalous pulmonary venous connection (TAPVC)	747.41	747.42
Single ventricle	745.3	745.3
Interrupted aortic arch (IAA)	747.11	747.215 – 747.217, 747.285
Double outlet right ventricle (DORV)	745.11	745.13 – 745.15
<b>Orofacial</b>		
Cleft palate alone (without cleft lip)	749.0	749.00 – 749.09
Cleft lip alone (without cleft palate)	749.1	749.10 – 749.19

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Cleft lip with cleft palate	749.20-749.25	749.20 – 749.29
Choanal atresia	748.0	748.00
<b>Gastrointestinal</b>		
Esophageal atresia/tracheoesophageal fistula	750.3	750.30 – 750.35
Rectal and large intestinal atresia/stenosis	751.2	751.20 – 751.24
Biliary atresia	751.61	751.65
Small intestinal atresia/stenosis	751.1	751.10 – 751.19
<b>Genitourinary</b>		
Renal agenesis/hypoplasia	753.0	753.00 – 753.01
Bladder exstrophy	753.5	753.50
<b>Musculoskeletal</b>		
Gastroschisis	756.73	756.71
Omphalocele	756.72	756.70
Diaphragmatic hernia	756.6	756.610 – 756.617
Limb deficiencies (reduction defects)	755.2 – 755.4	755.20 – 755.49
Clubfoot	754.51, 754.70	754.50, 754.73 (excluding 754.735)
<b>Chromosomal</b>		
Trisomy 13	758.1	758.10 – 758.19
Trisomy 21 (Down syndrome)	758.0	758.00 – 758.09
Trisomy 18	758.2	758.20 – 758.29

ICD-9-CM: International Classification of Diseases, 9th Revision, Clinical Modification; CDC/BPA: Centers for Disease Control and Prevention/British Pediatric Association Classification of Diseases

\* Critical congenital heart defects targeted for newborn screening.

The text description of the CDC/BPA codes is available at

<http://www.nbdpn.org/current/resources/sgm/MACDPcode%200807.pdf>.