



Critical Congenital Heart Defects Screening with Pulse Oximetry Results

NJ Birth Defects and Autism Registry Data	4 th Q 2011+ 2012	2013	2014	2015	2016	2017	TOTAL
Evaluation due to failed screen	39	31	35	15	25	23	168
Detected due to screening:	11	10	16	9	14	12	72
CRITICAL CONGENITAL HEART DEFECTS	3	6	6	5	6	0	26
Coarctation of aorta	1	2	2	2	0	0	7
Ebstein anomaly	0	1	0	0	0	0	1
Interrupted aortic arch	0	0	0	0	1	0	1
Tetralogy of Fallot	0	0	0	0	1	0	1
Total anomalous pulmonary venous return	0	3	3	2	2	0	10
d-Transposition of great arteries (TGA)	1	0	0	0	2	0	3
Tricuspid atresia	1	0	0	0	0	0	1
d-TGA+ double outlet right ventricle	0	0	1	1	0	0	2
CONGENITAL HEART DEFECTS*	4	3	6	3	5	9	30
Atrial septal aneurysm	0	0	2	0	0	0	2
Atrial septal defect (ASD)	1	2	1	1	3	0	8
Myocardial dysfunction	0	0	0	0	0	1	1
Peripheral pulmonary artery stenosis	1	1	1	0	1	2	6
Prolonged QT	0	0	0	0	1	0	1
Ventricular septal defect (VSD)	2	0	2	2	0	3	9
Pulmonary stenosis	0	0	0	0	0	1	1
ASD + VSD	1	0	0	0	0	0	1
ASD+ partial anomalous pulmonary venous return	0	0	0	0	0	1	1
NON-CARDIAC CONDITIONS	4	1	4	1	3	3	16
Lung anomaly	0	0	1	0	0	0	1
Pneumonia	1	0	0	0	0	0	1
Pulmonary hypertension	1	1	3	1	3	2	11
Sepsis/suspected sepsis	1	0	0	0	0	1	2
Transient Tachypnea of the Newborn	0	0	0	0	0	1	1

*Not including patent foramen ovale and patent ductus arteriosus