

Table 8: Confirmed and Probable Counts and Rates of Targeted Conditions for 2008 - 2012 Births to Indiana Women by County (rates per 10,000 births)

County	Live Births	Total	Rate	County	Live Births	Total	Rate
Defect				Defect			
ADAMS	3319			ADAMS	3319		
All Defects		84	253.09	Pulmonary valve atresia and stenosis		*	
Atrial septal defect		13	39.17	Small intestinal atresia/stenosis		*	
Atrioventricular septal defect		*		Spina bifida without anencephaly		*	
Choanal atresia		*		Tricuspid valve atresia and stenosis		*	
Cleft lip with cleft palate		*		Trisomy 21 (Down syndrome)	5		15.06
Cleft palate only (without cleft lip)		*		Turner syndrome		*	
Cloacal exstrophy		*		Ventricular septal defect	12		36.16
Clubfoot		5	15.06				
Coarctation of aorta		*					
Common truncus		*					
Craniosynostosis		6	18.08				
Diaphragmatic hernia		*					
Esophageal atresia/tracheoesophageal fistula		*					
Hypospadias		10	30.13				
Interrupted aortic arch (IAA)		*					
Limb deficiencies (reduction defects)		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		9	27.12				

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County	Live Births			County	Live Births		
Defect	Total	Rate		Defect	Total	Rate	
ALLEN	26796			ALLEN	26796		
All Defects	664	247.8		Hypospadias	100	37.32	
Anophthalmia/microphthalmia	*			Limb deficiencies (reduction defects)	7	2.61	
Anotia/microtia	*			Omphalocele	*		
Aortic valve stenosis	*			Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified	105	39.18	
Atrial septal defect	91	33.96		Pulmonary valve atresia and stenosis	27	10.08	
Atrioventricular septal defect	7	2.61		Rectal and large intestinal atresia/stenosis	9	3.36	
Choanal atresia	*			Renal agenesis/hypoplasia	7	2.61	
Cleft lip only (without cleft palate)	*			Single ventricle	*		
Cleft lip with cleft palate	11	4.11		Small intestinal atresia/stenosis	*		
Cleft palate only (without cleft lip)	17	6.34		Spina bifida without anencephaly	6	2.24	
Cloacal exstrophy	8	2.99		Tetralogy of Fallot (TOF)	5	1.87	
Clubfoot	14	5.22		Total anomalous pulmonary venous connection	*		
Coarctation of aorta	7	2.61		Transposition of the great arteries	9	3.36	
Congenital posterior urethral valves	5	1.87		Tricuspid valve atresia and stenosis	*		
Craniosynostosis	48	17.91		Trisomy 13 (Patau syndrome)	*		
Diaphragmatic hernia	*			Trisomy 21 (Down syndrome)	21	7.84	
Double outlet right ventricle (DORV)	*			Turner syndrome	*		
Ebstein's anomaly	*			Ventricular septal defect	80	29.86	
Encephalocele	*						
Esophageal atresia/tracheoesophageal fistula	8	2.99					
Fetal alcohol syndrome	16	5.97					
Gastroschisis	5	1.87					
Holoprosencephaly	11	4.11					
Hypoplastic left heart syndrome	6	2.24					

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
BARTHOLOMEW	5225			BARTHOLOMEW	5225		
All Defects		73	139.71	Pulmonary valve atresia and stenosis		*	
Anencephaly		*		Rectal and large intestinal atresia/stenosis		*	
Aortic valve stenosis		*		Renal agenesis/hypoplasia		*	
Atrial septal defect		9	17.22	Spina bifida without anencephaly		*	
Bladder exstrophy		*		Tetralogy of Fallot (TOF)		*	
Choanal atresia		*		Total anomalous pulmonary venous connection		*	
Cleft lip only (without cleft palate)		*		Tricuspid valve atresia and stenosis		*	
Cleft lip with cleft palate		*		Trisomy 13 (Patau syndrome)		*	
Cloacal exstrophy		*		Trisomy 21 (Down syndrome)		*	
Clubfoot		*		Ventricular septal defect		10	19.14
Coarctation of aorta		*					
Craniosynostosis		*		BENTON	505		
Diaphragmatic hernia		*		All Defects		11	217.82
Ebstein's anomaly		*		Atrial septal defect		*	
Esophageal atresia/tracheoesophageal fistula		*		Atrioventricular septal defect		*	
Gastroschisis		*		Clubfoot		*	
Holoprosencephaly		*		Hypospadias		*	
Hypospadias		*		Limb deficiencies (reduction defects)		*	
Limb deficiencies (reduction defects)		*		Pulmonary valve atresia and stenosis		*	
Omphalocele		*		Ventricular septal defect		*	
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		5	9.57				

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
BLACKFORD	727						
All Defects		18	247.59				
Atrial septal defect		6	82.53				
Cleft lip with cleft palate		*					
Diaphragmatic hernia		*					
Hypoplastic left heart syndrome		*					
Hypospadias		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Renal agenesis/hypoplasia		*					
Ventricular septal defect		6	82.53				

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
BOONE	3539			BOONE	3539		
All Defects		73	206.27	Trisomy 21 (Down syndrome)		*	
Atrial septal defect		8	22.61	Ventricular septal defect		9	25.43
Atrioventricular septal defect		*					
Cleft lip with cleft palate		*		BROWN	620		
Cleft palate only (without cleft lip)		*		All Defects		8	129.03
Cloacal exstrophy		*		Anophthalmia/microphthalmia		*	
Clubfoot		*		Atrial septal defect		*	
Coarctation of aorta		*		Diaphragmatic hernia		*	
Craniosynostosis		*		Trisomy 21 (Down syndrome)		*	
Deletion 22 q11.2		*		Ventricular septal defect		*	
Encephalocele		*					
Esophageal atresia/tracheoesophageal fistula		*					
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*					
Hypospadias		18	50.86				
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		9	25.43				
Pulmonary valve atresia and stenosis		*					
Renal agenesis/hypoplasia		*					
Tetralogy of Fallot (TOF)		*					
Total anomalous pulmonary venous connection		*					

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
CARROLL	1105						
All Defects		28	253.39				
Aortic valve stenosis		*					
Atrial septal defect		5	45.25				
Atrioventricular septal defect		*					
Cleft lip only (without cleft palate)		*					
Clubfoot		*					
Coarctation of aorta		*					
Ebstein's anomaly		*					
Gastroschisis		*					
Hypospadias		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Spina bifida without anencephaly		*					
Tetralogy of Fallot (TOF)		*					
Ventricular septal defect		8	72.4				

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
CASS	2578			CASS	2578		
All Defects		64	248.25	Spina bifida without anencephaly		*	
Atrial septal defect		7	27.15	Transposition of the great arteries		*	
Choanal atresia		*		Trisomy 21 (Down syndrome)		*	
Cleft lip only (without cleft palate)		*		Ventricular septal defect	15		58.18
Cleft palate only (without cleft lip)		*		CLARK	7295		
Clubfoot		*		All Defects	47		64.43
Coarctation of aorta		*		Atrial septal defect	18		24.67
Common truncus		*		Cleft lip with cleft palate		*	
Craniosynostosis		*		Common truncus		*	
Diaphragmatic hernia		*		Hypospadias	6		8.22
Double outlet right ventricle (DORV)		*		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified	5		6.85
Gastroschisis		*		Pulmonary valve atresia and stenosis		*	
Holoprosencephaly		*		Rectal and large intestinal atresia/stenosis		*	
Hypospadias		*		Ventricular septal defect	12		16.45
Limb deficiencies (reduction defects)		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Pulmonary valve atresia and stenosis		*					
Rectal and large intestinal atresia/stenosis		*					
Small intestinal atresia/stenosis		*					

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
CLAY	1583			CLINTON	2337		
All Defects		41	259	All Defects		51	218.23
Atrial septal defect		6	37.9	Anophthalmia/microphthalmia		*	
Cleft lip only (without cleft palate)		*		Atrial septal defect		11	47.07
Cleft lip with cleft palate		*		Cleft lip with cleft palate		*	
Cleft palate only (without cleft lip)		*		Clubfoot		*	
Coarctation of aorta		*		Coarctation of aorta		*	
Diaphragmatic hernia		*		Diaphragmatic hernia		*	
Gastroschisis		*		Esophageal atresia/tracheoesophageal fistula		*	
Hypospadias		7	44.22	Gastroschisis		*	
Omphalocele		*		Hypospadias		8	34.23
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		5	21.39
Renal agenesis/hypoplasia		*		Pulmonary valve atresia and stenosis		*	
Tetralogy of Fallot (TOF)		*		Rectal and large intestinal atresia/stenosis		*	
Ventricular septal defect		10	63.17	Renal agenesis/hypoplasia		*	
				Small intestinal atresia/stenosis		*	
				Total anomalous pulmonary venous connection		*	
				Trisomy 13 (Patau syndrome)		*	
				Trisomy 21 (Down syndrome)		*	
				Ventricular septal defect		8	34.23

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
CRAWFORD	588			DAVIESS	2646		
All Defects		*		All Defects		46	173.85
Atrial septal defect		*		Aortic valve stenosis		*	
Common truncus		*		Atrial septal defect		8	30.23
Ventricular septal defect		*		Atrioventricular septal defect		*	
				Bladder exstrophy		*	
				Cleft lip with cleft palate		*	
				Cleft palate only (without cleft lip)		*	
				Clubfoot		*	
				Coarctation of aorta		*	
				Hypoplastic left heart syndrome		*	
				Hypospadias		*	
				Interrupted aortic arch (IAA)		*	
				Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*	
				Rectal and large intestinal atresia/stenosis		*	
				Renal agenesis/hypoplasia		*	
				Spina bifida without anencephaly		*	
				Transposition of the great arteries		*	
				Tricuspid valve atresia and stenosis		*	
				Trisomy 21 (Down syndrome)		*	
				Ventricular septal defect		9	34.01

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
DEARBORN	1791			DE KALB	2604		
All Defects		10	55.83	All Defects		70	268.82
Atrioventricular septal defect		*		Anophthalmia/microphthalmia		*	
Cleft lip only (without cleft palate)		*		Atrial septal defect		8	30.72
Cleft palate only (without cleft lip)		*		Cleft lip with cleft palate		*	
Clubfoot		*		Cleft palate only (without cleft lip)		*	
Hypospadias		*		Cloacal exstrophy		*	
Turner syndrome		*		Clubfoot		7	26.88
Ventricular septal defect		*		Coarctation of aorta		*	
				Craniosynostosis		11	42.24
DECATUR	1613			Fetal alcohol syndrome		*	
All Defects		19	117.79	Holoprosencephaly		*	
Atrial septal defect		5	31	Hypospadias		8	30.72
Atrioventricular septal defect		*		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		16	61.44
Choanal atresia		*		Pulmonary valve atresia and stenosis		*	
Craniosynostosis		*		Rectal and large intestinal atresia/stenosis		*	
Encephalocele		*		Spina bifida without anencephaly		*	
Gastroschisis		*		Tricuspid valve atresia and stenosis		*	
Holoprosencephaly		*		Ventricular septal defect		*	
Hypospadias		*					
Rectal and large intestinal atresia/stenosis		*					
Ventricular septal defect		*					

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
DELAWARE	6359			DELAWARE	6359		
All Defects		189	297.22	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		10	15.73
Anencephaly		*		Pulmonary valve atresia and stenosis		*	
Atrial septal defect		59	92.78	Rectal and large intestinal atresia/stenosis		*	
Atrioventricular septal defect		*		Renal agenesis/hypoplasia		*	
Biliary atresia		*		Small intestinal atresia/stenosis		*	
Bladder exstrophy		*		Spina bifida without anencephaly		*	
Choanal atresia		*		Total anomalous pulmonary venous connection		*	
Cleft lip with cleft palate		*		Transposition of the great arteries		*	
Cleft palate only (without cleft lip)		*		Tricuspid valve atresia and stenosis		*	
Clubfoot		7	11.01	Trisomy 21 (Down syndrome)		7	11.01
Coarctation of aorta		*		Turner syndrome		*	
Craniosynostosis		*		Ventricular septal defect		28	44.03
Diaphragmatic hernia		*					
Ebstein's anomaly		*					
Esophageal atresia/tracheoesophageal fistula		*					
Fetal alcohol syndrome		*					
Gastroschisis		*					
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*					
Hypospadias		19	29.88				
Limb deficiencies (reduction defects)		7	11.01				
Omphalocele		*					

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
DUBOIS	2616						
All Defects		30	114.68				
Anotia/microtia		*					
Aortic valve stenosis		*					
Atrial septal defect		*					
Cleft lip with cleft palate		*					
Cleft palate only (without cleft lip)		*					
Craniosynostosis		*					
Deletion 22 q11.2		*					
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*					
Hypospadias		5	19.11				
Limb deficiencies (reduction defects)		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Rectal and large intestinal atresia/stenosis		*					
Renal agenesis/hypoplasia		*					
Spina bifida without anencephaly		*					
Tetralogy of Fallot (TOF)		*					
Trisomy 21 (Down syndrome)		*					
Turner syndrome		*					
Ventricular septal defect		*					

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
ELKHART	15605			ELKHART	15605		
All Defects		347	222.36	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		38	24.35
Anotia/microtia		*		Pulmonary valve atresia and stenosis		11	7.05
Atrial septal defect		47	30.12	Rectal and large intestinal atresia/stenosis		*	
Atrioventricular septal defect		*		Renal agenesis/hypoplasia		5	3.2
Biliary atresia		*		Single ventricle		*	
Choanal atresia		*		Small intestinal atresia/stenosis		*	
Cleft lip only (without cleft palate)		6	3.84	Spina bifida without anencephaly		11	7.05
Cleft lip with cleft palate		7	4.49	Tetralogy of Fallot (TOF)		6	3.84
Cleft palate only (without cleft lip)		11	7.05	Total anomalous pulmonary venous connection		*	
Cloacal exstrophy		*		Transposition of the great arteries		*	
Clubfoot		16	10.25	Trisomy 13 (Patau syndrome)		*	
Coarctation of aorta		9	5.77	Trisomy 18 (Edwards syndrome)		*	
Congenital cataract		*		Trisomy 21 (Down syndrome)		12	7.69
Craniosynostosis		25	16.02	Turner syndrome		*	
Diaphragmatic hernia		5	3.2	Ventricular septal defect		37	23.71
Double outlet right ventricle (DORV)		*					
Encephalocele		*					
Fetal alcohol syndrome		*					
Gastroschisis		7	4.49				
Holoprosencephaly		8	5.13				
Hypoplastic left heart syndrome		*					
Hypospadias		42	26.91				
Limb deficiencies (reduction defects)		6	3.84				
Omphalocele		*					

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
FAYETTE	1163			FLOYD	4458		
All Defects		23	197.76	All Defects		33	74.02
Aortic valve stenosis		*		Atrial septal defect		9	20.19
Atrial septal defect		*		Cleft palate only (without cleft lip)		*	
Atrioventricular septal defect		*		Clubfoot		*	
Cleft lip with cleft palate		*		Hypospadias		*	
Cleft palate only (without cleft lip)		*		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*	
Clubfoot		*		Pulmonary valve atresia and stenosis		5	11.22
Diaphragmatic hernia		*		Rectal and large intestinal atresia/stenosis		*	
Esophageal atresia/tracheoesophageal fistula		*		Trisomy 21 (Down syndrome)		*	
Fetal alcohol syndrome		*		Ventricular septal defect		8	17.95
Gastroschisis		*					
Holoprosencephaly		*					
Hypospadias		5	42.99				
Limb deficiencies (reduction defects)		*					
Pulmonary valve atresia and stenosis		*					
Rectal and large intestinal atresia/stenosis		*					
Renal agenesis/hypoplasia		*					
Trisomy 21 (Down syndrome)		*					

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
FOUNTAIN	954			FRANKLIN	661		
All Defects		31	324.95	All Defects		11	166.41
Aortic valve stenosis		*		Atrial septal defect		*	
Atrial septal defect		6	62.89	Coarctation of aorta		*	
Craniosynostosis		*		Gastroschisis		*	
Gastroschisis		*		Hypospadias		*	
Holoprosencephaly		*		Transposition of the great arteries		*	
Hypoplastic left heart syndrome		*		Tricuspid valve atresia and stenosis		*	
Hypospadias		5	52.41	Ventricular septal defect		*	
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		5	52.41				
Pulmonary valve atresia and stenosis		*					
Rectal and large intestinal atresia/stenosis		*					
Small intestinal atresia/stenosis		*					
Trisomy 21 (Down syndrome)		*					
Ventricular septal defect		*					

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
FULTON	1296						
All Defects		35	270.06				
Atrial septal defect		*					
Biliary atresia		*					
Cleft lip with cleft palate		*					
Clubfoot		*					
Coarctation of aorta		*					
Craniosynostosis		*					
Fetal alcohol syndrome		*					
Hypospadias		*					
Limb deficiencies (reduction defects)		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		8	61.73				
Pulmonary valve atresia and stenosis		*					
Rectal and large intestinal atresia/stenosis		*					
Renal agenesis/hypoplasia		*					
Small intestinal atresia/stenosis		*					
Spina bifida without anencephaly		*					
Trisomy 18 (Edwards syndrome)		*					
Trisomy 21 (Down syndrome)		*					
Ventricular septal defect		*					

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
GIBSON	2016			GIBSON	2016		
All Defects		32	158.73	Spina bifida without anencephaly		*	
Anophthalmia/microphthalmia		*		Ventricular septal defect		*	
Atrial septal defect		*					
Atrioventricular septal defect		*					
Choanal atresia		*					
Cleft lip only (without cleft palate)		*					
Cleft lip with cleft palate		*					
Clubfoot		*					
Coarctation of aorta		*					
Double outlet right ventricle (DORV)		*					
Esophageal atresia/tracheoesophageal fistula		*					
Gastroschisis		*					
Hypoplastic left heart syndrome		*					
Hypospadias		*					
Limb deficiencies (reduction defects)		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Pulmonary valve atresia and stenosis		*					
Rectal and large intestinal atresia/stenosis		*					
Renal agenesis/hypoplasia		*					

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
GRANT	3990			GRANT	3990		
All Defects		79	197.99	Rectal and large intestinal atresia/stenosis		5	12.53
Anophthalmia/microphthalmia		*		Renal agenesis/hypoplasia		*	
Aortic valve stenosis		*		Small intestinal atresia/stenosis		*	
Atrial septal defect		9	22.56	Spina bifida without anencephaly		*	
Cleft lip with cleft palate		*		Tetralogy of Fallot (TOF)		*	
Cleft palate only (without cleft lip)		*		Trisomy 21 (Down syndrome)		*	
Cloacal exstrophy		*		Ventricular septal defect		8	20.05
Clubfoot		*					
Coarctation of aorta		*					
Craniosynostosis		*					
Diaphragmatic hernia		*					
Esophageal atresia/tracheoesophageal fistula		*					
Fetal alcohol syndrome		*					
Gastroschisis		*					
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*					
Hypospadias		8	20.05				
Omphalocele		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		8	20.05				
Pulmonary valve atresia and stenosis		*					

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
GREENE	1816						
All Defects		39	214.76				
Atrial septal defect		5	27.53				
Atrioventricular septal defect		*					
Choanal atresia		*					
Cleft lip with cleft palate		*					
Cleft palate only (without cleft lip)		*					
Cloacal exstrophy		*					
Craniosynostosis		*					
Double outlet right ventricle (DORV)		*					
Holoprosencephaly		*					
Hypospadias		9	49.56				
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Pulmonary valve atresia and stenosis		*					
Rectal and large intestinal atresia/stenosis		*					
Small intestinal atresia/stenosis		*					
Tetralogy of Fallot (TOF)		*					
Trisomy 21 (Down syndrome)		*					
Ventricular septal defect		5	27.53				

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
HAMILTON	19145			HAMILTON	19145		
All Defects		429	224.08	Interrupted aortic arch (IAA)		*	
Anophthalmia/microphthalmia		*		Limb deficiencies (reduction defects)		8	4.18
Anotia/microtia		*		Omphalocele		*	
Aortic valve stenosis		*		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		40	20.89
Atrial septal defect		57	29.77	Pulmonary valve atresia and stenosis		11	5.75
Atrioventricular septal defect		10	5.22	Rectal and large intestinal atresia/stenosis		*	
Bladder exstrophy		*		Renal agenesis/hypoplasia		5	2.61
Choanal atresia		*		Small intestinal atresia/stenosis		*	
Cleft lip only (without cleft palate)		9	4.7	Spina bifida without anencephaly		7	3.66
Cleft lip with cleft palate		5	2.61	Tetralogy of Fallot (TOF)		7	3.66
Cleft palate only (without cleft lip)		11	5.75	Transposition of the great arteries		*	
Cloacal exstrophy		*		Tricuspid valve atresia and stenosis		*	
Clubfoot		7	3.66	Trisomy 13 (Patau syndrome)		*	
Coarctation of aorta		*		Trisomy 21 (Down syndrome)		28	14.63
Congenital cataract		*		Ventricular septal defect		59	30.82
Craniosynostosis		19	9.92				
Diaphragmatic hernia		7	3.66				
Double outlet right ventricle (DORV)		5	2.61				
Encephalocele		*					
Esophageal atresia/tracheoesophageal fistula		*					
Gastroschisis		*					
Holoprosencephaly		6	3.13				
Hypoplastic left heart syndrome		6	3.13				
Hypospadias		86	44.92				

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
HANCOCK	3958			HANCOCK	3958		
All Defects		88	222.33	Pulmonary valve atresia and stenosis		*	
Atrial septal defect		17	42.95	Rectal and large intestinal atresia/stenosis		*	
Atrioventricular septal defect		*		Renal agenesis/hypoplasia		*	
Choanal atresia		*		Small intestinal atresia/stenosis		*	
Cleft lip only (without cleft palate)		*		Spina bifida without anencephaly		*	
Cleft palate only (without cleft lip)		*		Tetralogy of Fallot (TOF)		*	
Clubfoot		5	12.63	Total anomalous pulmonary venous connection		*	
Coarctation of aorta		*		Trisomy 18 (Edwards syndrome)		*	
Craniosynostosis		*		Trisomy 21 (Down syndrome)	6		15.16
Diaphragmatic hernia		*		Ventricular septal defect	15		37.9
Double outlet right ventricle (DORV)		*					
Ebstein's anomaly		*		HARRISON	2137		
Encephalocele		*		All Defects		17	79.55
Esophageal atresia/tracheoesophageal fistula		*		Atrial septal defect		*	
Gastroschisis		*		Cleft lip only (without cleft palate)		*	
Hypoplastic left heart syndrome		*		Cleft lip with cleft palate		*	
Hypospadias		7	17.69	Hypospadias		*	
Limb deficiencies (reduction defects)		*		Pulmonary valve atresia and stenosis		*	
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*		Renal agenesis/hypoplasia		*	
				Ventricular septal defect	7		32.76

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
HENDRICKS	8831			HENDRICKS	8831		
All Defects		196	221.95	Pulmonary valve atresia and stenosis		8	9.06
Aortic valve stenosis		*		Rectal and large intestinal atresia/stenosis		5	5.66
Atrial septal defect		34	38.5	Renal agenesis/hypoplasia		*	
Atrioventricular septal defect		*		Single ventricle		*	
Choanal atresia		*		Small intestinal atresia/stenosis		7	7.93
Cleft lip only (without cleft palate)		*		Spina bifida without anencephaly		*	
Cleft lip with cleft palate		*		Tetralogy of Fallot (TOF)		*	
Cleft palate only (without cleft lip)		*		Total anomalous pulmonary venous connection		*	
Cloacal exstrophy		*		Transposition of the great arteries		*	
Clubfoot		*		Trisomy 18 (Edwards syndrome)		*	
Coarctation of aorta		*		Trisomy 21 (Down syndrome)		14	15.85
Congenital posterior urethral valves		*		Ventricular septal defect		32	36.24
Craniosynostosis		7	7.93				
Diaphragmatic hernia		*					
Double outlet right ventricle (DORV)		5	5.66				
Gastroschisis		7	7.93				
Holoprosencephaly		*					
Hypospadias		21	23.78				
Limb deficiencies (reduction defects)		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		15	16.99				

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
HENRY	2466			HENRY	2466		
All Defects		65	263.58	Renal agenesis/hypoplasia		*	
Aortic valve stenosis		*		Spina bifida without anencephaly		*	
Atrial septal defect		12	48.66	Tricuspid valve atresia and stenosis		*	
Atrioventricular septal defect		*		Trisomy 18 (Edwards syndrome)		*	
Biliary atresia		*		Ventricular septal defect	12		48.66
Cleft lip only (without cleft palate)		*					
Cleft lip with cleft palate		*					
Cleft palate only (without cleft lip)		*					
Clubfoot		*					
Coarctation of aorta		*					
Deletion 22 q11.2		*					
Double outlet right ventricle (DORV)		*					
Encephalocele		*					
Gastroschisis		*					
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*					
Hypospadias		8	32.44				
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Pulmonary valve atresia and stenosis		*					
Rectal and large intestinal atresia/stenosis		*					

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
HOWARD	5141			HOWARD	5141		
All Defects		166	322.89	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		15	29.18
Anotia/microtia		*		Pulmonary valve atresia and stenosis		*	
Aortic valve stenosis		*		Rectal and large intestinal atresia/stenosis		*	
Atrial septal defect		27	52.52	Small intestinal atresia/stenosis		5	9.73
Atrioventricular septal defect		*		Spina bifida without anencephaly		9	17.51
Choanal atresia		*		Transposition of the great arteries		*	
Cleft lip only (without cleft palate)		*		Tricuspid valve atresia and stenosis		*	
Cleft lip with cleft palate		*		Trisomy 18 (Edwards syndrome)		*	
Cleft palate only (without cleft lip)		*		Trisomy 21 (Down syndrome)		7	13.62
Cloacal exstrophy		*		Ventricular septal defect		26	50.57
Clubfoot		11	21.4				
Coarctation of aorta		*					
Craniosynostosis		*					
Deletion 22 q11.2		*					
Diaphragmatic hernia		*					
Double outlet right ventricle (DORV)		*					
Esophageal atresia/tracheoesophageal fistula		*					
Fetal alcohol syndrome		*					
Gastroschisis		*					
Holoprosencephaly		*					
Hypospadias		22	42.79				
Limb deficiencies (reduction defects)		*					
Omphalocele		*					

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
HUNTINGTON	2145			JACKSON	2825		
All Defects		71	331	All Defects		44	155.75
Atrial septal defect		15	69.93	Atrial septal defect		14	49.56
Cleft lip only (without cleft palate)		*		Choanal atresia		*	
Cleft lip with cleft palate		*		Cleft lip with cleft palate		*	
Clubfoot		6	27.97	Cleft palate only (without cleft lip)		*	
Congenital posterior urethral valves		*		Craniosynostosis		*	
Craniosynostosis		7	32.63	Diaphragmatic hernia		*	
Diaphragmatic hernia		*		Double outlet right ventricle (DORV)		*	
Esophageal atresia/tracheoesophageal fistula		*		Gastroschisis		*	
Gastroschisis		*		Holoprosencephaly		*	
Hypoplastic left heart syndrome		*		Hypospadias		5	17.7
Hypospadias		9	41.96	Limb deficiencies (reduction defects)		*	
Limb deficiencies (reduction defects)		*		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*	
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		13	60.61	Pulmonary valve atresia and stenosis		*	
Renal agenesis/hypoplasia		*		Renal agenesis/hypoplasia		*	
Spina bifida without anencephaly		*		Small intestinal atresia/stenosis		*	
Ventricular septal defect		5	23.31	Total anomalous pulmonary venous connection		*	
				Trisomy 21 (Down syndrome)		*	
				Ventricular septal defect		*	

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
JASPER	1969			JAY	1484		
All Defects		59	299.64	All Defects		35	235.85
Atrial septal defect		9	45.71	Aortic valve stenosis		*	
Atrioventricular septal defect		*		Atrial septal defect		13	87.6
Cleft lip only (without cleft palate)		*		Atrioventricular septal defect		*	
Cleft palate only (without cleft lip)		*		Cleft palate only (without cleft lip)		*	
Clubfoot		*		Coarctation of aorta		*	
Craniosynostosis		5	25.39	Ebstein's anomaly		*	
Gastroschisis		*		Hypospadias		*	
Holoprosencephaly		*		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*	
Hypospadias		8	40.63	Pulmonary valve atresia and stenosis		*	
Limb deficiencies (reduction defects)		*		Rectal and large intestinal atresia/stenosis		*	
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*		Transposition of the great arteries		*	
Pulmonary valve atresia and stenosis		*		Trisomy 21 (Down syndrome)		*	
Rectal and large intestinal atresia/stenosis		*		Ventricular septal defect		5	33.69
Renal agenesis/hypoplasia		*					
Small intestinal atresia/stenosis		*					
Tetralogy of Fallot (TOF)		*					
Transposition of the great arteries		*					
Trisomy 21 (Down syndrome)		*					
Ventricular septal defect		10	50.79				

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
JEFFERSON	1884			JENNINGS	1765		
All Defects		29	153.93	All Defects		35	198.3
Atrial septal defect		*		Anophthalmia/microphthalmia		*	
Cleft lip only (without cleft palate)		*		Atrial septal defect		7	39.66
Cleft lip with cleft palate		*		Atrioventricular septal defect		*	
Craniosynostosis		*		Cleft lip with cleft palate		*	
Encephalocele		*		Coarctation of aorta		*	
Gastroschisis		*		Double outlet right ventricle (DORV)		*	
Hypoplastic left heart syndrome		*		Ebstein's anomaly		*	
Hypospadias		5	26.54	Esophageal atresia/tracheoesophageal fistula		*	
Limb deficiencies (reduction defects)		*		Gastroschisis		*	
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*		Hypospadias		*	
Pulmonary valve atresia and stenosis		*		Pulmonary valve atresia and stenosis		*	
Renal agenesis/hypoplasia		*		Rectal and large intestinal atresia/stenosis		*	
Spina bifida without anencephaly		*		Renal agenesis/hypoplasia		*	
Trisomy 21 (Down syndrome)		*		Total anomalous pulmonary venous connection		*	
Ventricular septal defect		5	26.54	Transposition of the great arteries		*	
				Trisomy 21 (Down syndrome)		*	
				Ventricular septal defect		5	28.33

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
JOHNSON	9280			JOHNSON	9280		
All Defects		147	158.41	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		15	16.16
Anotia/microtia		*		Rectal and large intestinal atresia/stenosis		*	
Aortic valve stenosis		*		Renal agenesis/hypoplasia		*	
Atrial septal defect		38	40.95	Small intestinal atresia/stenosis		*	
Atrioventricular septal defect		*		Spina bifida without anencephaly		*	
Bladder exstrophy		*		Tetralogy of Fallot (TOF)		*	
Cleft lip only (without cleft palate)		*		Transposition of the great arteries		*	
Cleft lip with cleft palate		8	8.62	Trisomy 13 (Patau syndrome)		*	
Cleft palate only (without cleft lip)		*		Trisomy 18 (Edwards syndrome)		*	
Cloacal exstrophy		*		Trisomy 21 (Down syndrome)		8	8.62
Clubfoot		*		Ventricular septal defect		21	22.63
Coarctation of aorta		*					
Craniosynostosis		*					
Diaphragmatic hernia		*					
Double outlet right ventricle (DORV)		*					
Encephalocele		*					
Esophageal atresia/tracheoesophageal fistula		*					
Fetal alcohol syndrome		*					
Gastroschisis		*					
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*					
Hypospadias		10	10.78				
Limb deficiencies (reduction defects)		*					

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
KNOX	2325						
All Defects		35	150.54				
Anotia/microtia		*					
Atrial septal defect		9	38.71				
Cleft lip with cleft palate		*					
Coarctation of aorta		*					
Craniosynostosis		*					
Gastroschisis		*					
Hypospadias		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Pulmonary valve atresia and stenosis		*					
Rectal and large intestinal atresia/stenosis		*					
Renal agenesis/hypoplasia		*					
Single ventricle		*					
Spina bifida without anencephaly		*					
Transposition of the great arteries		*					
Ventricular septal defect		6	25.81				

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
KOSCIUSKO	5177			KOSCIUSKO	5177		
All Defects		149	287.81	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		8	15.45
Atrial septal defect		22	42.5	Pulmonary valve atresia and stenosis		*	
Atrioventricular septal defect		*		Rectal and large intestinal atresia/stenosis		*	
Choanal atresia		*		Renal agenesis/hypoplasia		*	
Cleft lip only (without cleft palate)		*		Small intestinal atresia/stenosis		*	
Cleft lip with cleft palate		6	11.59	Spina bifida without anencephaly		*	
Cleft palate only (without cleft lip)		*		Tetralogy of Fallot (TOF)		*	
Cloacal exstrophy		*		Transposition of the great arteries		*	
Clubfoot		*		Trisomy 18 (Edwards syndrome)		*	
Coarctation of aorta		*		Trisomy 21 (Down syndrome)		7	13.52
Congenital posterior urethral valves		*		Ventricular septal defect		22	42.5
Craniosynostosis		10	19.32				
Diaphragmatic hernia		*					
Double outlet right ventricle (DORV)		*					
Encephalocele		*					
Esophageal atresia/tracheoesophageal fistula		*					
Fetal alcohol syndrome		*					
Gastroschisis		*					
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*					
Hypospadias		23	44.43				
Interrupted aortic arch (IAA)		*					

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
LAGRANGE	3726			LAGRANGE	3726		
All Defects		62	166.4	Single ventricle		*	
Atrial septal defect		5	13.42	Spina bifida without anencephaly		*	
Bladder exstrophy		*		Transposition of the great arteries		*	
Choanal atresia		*		Tricuspid valve atresia and stenosis		*	
Cleft lip with cleft palate		*		Trisomy 13 (Patau syndrome)		*	
Cleft palate only (without cleft lip)		*		Trisomy 21 (Down syndrome)		*	
Clubfoot		*		Ventricular septal defect	9		24.15
Coarctation of aorta		*					
Congenital posterior urethral valves		*					
Craniosynostosis		9	24.15				
Diaphragmatic hernia		*					
Fetal alcohol syndrome		*					
Hypospadias		10	26.84				
Limb deficiencies (reduction defects)		*					
Omphalocele		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Pulmonary valve atresia and stenosis		*					
Rectal and large intestinal atresia/stenosis		*					
Renal agenesis/hypoplasia		*					

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
LAKE	31189			LAKE	31189		
All Defects		594	190.45	Holoprosencephaly		8	2.57
Anencephaly		*		Hypoplastic left heart syndrome		*	
Anophthalmia/microphthalmia		*		Hypospadias		76	24.37
Anotia/microtia		7	2.24	Limb deficiencies (reduction defects)		7	2.24
Aortic valve stenosis		*		Omphalocele		*	
Atrial septal defect		96	30.78	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		48	15.39
Atrioventricular septal defect		14	4.49	Pulmonary valve atresia and stenosis		15	4.81
Biliary atresia		*		Rectal and large intestinal atresia/stenosis		6	1.92
Choanal atresia		5	1.6	Renal agenesis/hypoplasia		*	
Cleft lip only (without cleft palate)		11	3.53	Single ventricle		*	
Cleft lip with cleft palate		20	6.41	Small intestinal atresia/stenosis		*	
Cleft palate only (without cleft lip)		17	5.45	Spina bifida without anencephaly		10	3.21
Cloacal exstrophy		*		Tetralogy of Fallot (TOF)		*	
Clubfoot		25	8.02	Transposition of the great arteries		7	2.24
Coarctation of aorta		8	2.57	Tricuspid valve atresia and stenosis		*	
Common truncus		*		Trisomy 13 (Patau syndrome)		*	
Congenital cataract		*		Trisomy 18 (Edwards syndrome)		*	
Congenital posterior urethral valves		*		Trisomy 21 (Down syndrome)		40	12.83
Craniosynostosis		15	4.81	Ventricular septal defect		100	32.06
Deletion 22 q11.2		*					
Diaphragmatic hernia		8	2.57				
Esophageal atresia/tracheoesophageal fistula		*					
Fetal alcohol syndrome		*					
Gastroschisis		7	2.24				

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
LA PORTE	6699			LA PORTE	6699		
All Defects		140	208.99	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		13	19.41
Anophthalmia/microphthalmia		*		Pulmonary valve atresia and stenosis		*	
Anotia/microtia		*		Renal agenesis/hypoplasia		*	
Aortic valve stenosis		*		Small intestinal atresia/stenosis		*	
Atrial septal defect		19	28.36	Spina bifida without anencephaly		*	
Choanal atresia		*		Tetralogy of Fallot (TOF)		*	
Cleft lip with cleft palate		*		Transposition of the great arteries		*	
Cleft palate only (without cleft lip)		*		Trisomy 18 (Edwards syndrome)		*	
Clubfoot		8	11.94	Trisomy 21 (Down syndrome)		5	7.46
Coarctation of aorta		*		Ventricular septal defect		22	32.84
Congenital posterior urethral valves		*					
Craniosynostosis		7	10.45				
Diaphragmatic hernia		*					
Double outlet right ventricle (DORV)		*					
Encephalocele		*					
Esophageal atresia/tracheoesophageal fistula		*					
Fetal alcohol syndrome		*					
Gastroschisis		*					
Holoprosencephaly		*					
Hypospadias		21	31.35				
Limb deficiencies (reduction defects)		*					

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
LAWRENCE	2505			LAWRENCE	2505		
All Defects		56	223.55	Trisomy 21 (Down syndrome)		*	
Aortic valve stenosis		*		Ventricular septal defect		6	23.95
Atrial septal defect		10	39.92				
Atrioventricular septal defect		*					
Cleft palate only (without cleft lip)		*					
Clubfoot		*					
Coarctation of aorta		*					
Craniosynostosis		*					
Deletion 22 q11.2		*					
Double outlet right ventricle (DORV)		*					
Ebstein's anomaly		*					
Hypospadias		10	39.92				
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Pulmonary valve atresia and stenosis		*					
Rectal and large intestinal atresia/stenosis		*					
Single ventricle		*					
Spina bifida without anencephaly		*					
Tetralogy of Fallot (TOF)		*					
Transposition of the great arteries		*					
Trisomy 18 (Edwards syndrome)		*					

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
MADISON	7856			MADISON	7856		
All Defects		158	201.12	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		14	17.82
Aortic valve stenosis		*		Pulmonary valve atresia and stenosis		*	
Atrial septal defect		20	25.46	Rectal and large intestinal atresia/stenosis		*	
Atrioventricular septal defect		*		Renal agenesis/hypoplasia		*	
Bladder exstrophy		*		Small intestinal atresia/stenosis		*	
Cleft lip only (without cleft palate)		5	6.36	Spina bifida without anencephaly		*	
Cleft lip with cleft palate		*		Tetralogy of Fallot (TOF)		*	
Cleft palate only (without cleft lip)		*		Trisomy 21 (Down syndrome)		8	10.18
Cloacal exstrophy		*		Turner syndrome		*	
Clubfoot		6	7.64	Ventricular septal defect		21	26.73
Coarctation of aorta		*					
Congenital cataract		*					
Craniosynostosis		*					
Diaphragmatic hernia		*					
Ebstein's anomaly		*					
Esophageal atresia/tracheoesophageal fistula		*					
Gastroschisis		*					
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*					
Hypospadias		27	34.37				
Limb deficiencies (reduction defects)		5	6.36				

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
MARION	74618			MARION	74618		
All Defects		1345	180.25	Encephalocele		*	
Anencephaly		*		Esophageal atresia/tracheoesophageal fistula		17	2.28
Anophthalmia/microphthalmia		6	.8	Fetal alcohol syndrome		15	2.01
Anotia/microtia		*		Gastroschisis		30	4.02
Aortic valve stenosis		10	1.34	Holoprosencephaly		31	4.15
Atrial septal defect		280	37.52	Hypoplastic left heart syndrome		14	1.88
Atrioventricular septal defect		19	2.55	Hypospadias		143	19.16
Biliary atresia		*		Limb deficiencies (reduction defects)		10	1.34
Bladder exstrophy		*		Omphalocele		7	.94
Choanal atresia		9	1.21	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		127	17.02
Cleft lip only (without cleft palate)		9	1.21	Pulmonary valve atresia and stenosis		43	5.76
Cleft lip with cleft palate		28	3.75	Rectal and large intestinal atresia/stenosis		21	2.81
Cleft palate only (without cleft lip)		28	3.75	Renal agenesis/hypoplasia		15	2.01
Cloacal exstrophy		*		Single ventricle		*	
Clubfoot		27	3.62	Small intestinal atresia/stenosis		13	1.74
Coarctation of aorta		23	3.08	Spina bifida without anencephaly		12	1.61
Common truncus		*		Tetralogy of Fallot (TOF)		21	2.81
Congenital cataract		*		Total anomalous pulmonary venous connection		*	
Congenital posterior urethral valves		5	.67	Transposition of the great arteries		12	1.61
Craniosynostosis		33	4.42				
Deletion 22 q11.2		*					
Diaphragmatic hernia		17	2.28				
Double outlet right ventricle (DORV)		8	1.07				
Ebstein's anomaly		*					

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

County	Live Births			County	Live Births		
Defect	Total	Rate		Defect	Total	Rate	
MARION	74618						
Tricuspid valve atresia and stenosis	5	.67					
Trisomy 13 (Patau syndrome)	5	.67					
Trisomy 18 (Edwards syndrome)	10	1.34					
Trisomy 21 (Down syndrome)	62	8.31					
Turner syndrome	*						
Ventricular septal defect	191	25.6					

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
MARSHALL	3016			MARSHALL	3016		
All Defects		50	165.78	Spina bifida without anencephaly		*	
Atrial septal defect		*		Trisomy 21 (Down syndrome)		*	
Choanal atresia		*		Ventricular septal defect		6	19.89
Cleft lip only (without cleft palate)		*		MARTIN	648		
Cloacal exstrophy		*		All Defects		9	138.89
Clubfoot		*		Aortic valve stenosis		*	
Coarctation of aorta		*		Coarctation of aorta		*	
Congenital posterior urethral valves		*		Gastroschisis		*	
Craniosynostosis		*		Holoprosencephaly		*	
Diaphragmatic hernia		*		Hypospadias		*	
Ebstein's anomaly		*		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*	
Esophageal atresia/tracheoesophageal fistula		*		Spina bifida without anencephaly		*	
Gastroschisis		*		Ventricular septal defect		*	
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*					
Hypospadias		*					
Omphalocele		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		9	29.84				
Pulmonary valve atresia and stenosis		*					
Renal agenesis/hypoplasia		*					

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
MIAMI	1944			MIAMI	1944		
All Defects		53	272.63	Trisomy 21 (Down syndrome)		*	
Atrial septal defect		12	61.73	Ventricular septal defect		6	30.86
Cleft lip with cleft palate		*					
Cleft palate only (without cleft lip)		*					
Clubfoot		*					
Coarctation of aorta		*					
Craniosynostosis		*					
Double outlet right ventricle (DORV)		*					
Fetal alcohol syndrome		*					
Gastroschisis		*					
Hypoplastic left heart syndrome		*					
Hypospadias		5	25.72				
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Pulmonary valve atresia and stenosis		*					
Rectal and large intestinal atresia/stenosis		*					
Spina bifida without anencephaly		*					
Tetralogy of Fallot (TOF)		*					
Total anomalous pulmonary venous connection		*					
Transposition of the great arteries		*					

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
MONROE	6488			MONROE	6488		
All Defects		128	197.29	Rectal and large intestinal atresia/stenosis		*	
Anotia/microtia		*		Renal agenesis/hypoplasia		*	
Atrial septal defect		25	38.53	Single ventricle		*	
Atrioventricular septal defect		*		Small intestinal atresia/stenosis		*	
Cleft lip only (without cleft palate)		*		Tetralogy of Fallot (TOF)		*	
Cleft lip with cleft palate		*		Transposition of the great arteries		*	
Cleft palate only (without cleft lip)		6	9.25	Trisomy 18 (Edwards syndrome)		*	
Clubfoot		*		Trisomy 21 (Down syndrome)		9	13.87
Coarctation of aorta		*		Ventricular septal defect		21	32.37
Congenital posterior urethral valves		*					
Craniosynostosis		*					
Ebstein's anomaly		*					
Encephalocele		*					
Esophageal atresia/tracheoesophageal fistula		*					
Gastroschisis		*					
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*					
Hypospadias		12	18.5				
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		12	18.5				
Pulmonary valve atresia and stenosis		*					

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
MONTGOMERY	2367			MONTGOMERY	2367		
All Defects		79	333.76	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		7	29.57
Anotia/microtia		*		Pulmonary valve atresia and stenosis		*	
Aortic valve stenosis		*		Renal agenesis/hypoplasia		*	
Atrial septal defect		14	59.15	Single ventricle		*	
Atrioventricular septal defect		*		Small intestinal atresia/stenosis		*	
Cleft lip only (without cleft palate)		*		Total anomalous pulmonary venous connection		*	
Cleft lip with cleft palate		*		Tricuspid valve atresia and stenosis		*	
Cleft palate only (without cleft lip)		*		Turner syndrome		*	
Clubfoot		*		Ventricular septal defect		12	50.7
Coarctation of aorta		*					
Craniosynostosis		*					
Double outlet right ventricle (DORV)		*					
Esophageal atresia/tracheoesophageal fistula		*					
Fetal alcohol syndrome		*					
Gastroschisis		*					
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*					
Hypospadias		12	50.7				
Interrupted aortic arch (IAA)		*					
Limb deficiencies (reduction defects)		*					

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
MORGAN	4016			MORGAN	4016		
All Defects		70	174.3	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*	
Aortic valve stenosis		*		Pulmonary valve atresia and stenosis		*	
Atrial septal defect		18	44.82	Rectal and large intestinal atresia/stenosis		*	
Atrioventricular septal defect		*		Renal agenesis/hypoplasia		*	
Biliary atresia		*		Small intestinal atresia/stenosis		*	
Bladder exstrophy		*		Spina bifida without anencephaly		*	
Choanal atresia		*		Tetralogy of Fallot (TOF)		*	
Cleft lip only (without cleft palate)		*		Tricuspid valve atresia and stenosis		*	
Cleft palate only (without cleft lip)		*		Trisomy 21 (Down syndrome)		*	
Cloacal exstrophy		*		Ventricular septal defect	5		12.45
Coarctation of aorta		*					
Common truncus		*					
Craniosynostosis		*					
Diaphragmatic hernia		*					
Double outlet right ventricle (DORV)		*					
Encephalocele		*					
Esophageal atresia/tracheoesophageal fistula		*					
Gastroschisis		*					
Holoprosencephaly		*					
Hypospadias		6	14.94				
Interrupted aortic arch (IAA)		*					

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
NEWTON	736						
All Defects		11	149.46				
Atrial septal defect		*					
Biliary atresia		*					
Cleft palate only (without cleft lip)		*					
Coarctation of aorta		*					
Congenital posterior urethral valves		*					
Gastroschisis		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Trisomy 18 (Edwards syndrome)		*					
Ventricular septal defect		*					

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
NOBLE	3102			NOBLE	3102		
All Defects		94	303.03	Rectal and large intestinal atresia/stenosis		*	
Aortic valve stenosis		*		Renal agenesis/hypoplasia		*	
Atrial septal defect		11	35.46	Spina bifida without anencephaly		*	
Atrioventricular septal defect		*		Trisomy 21 (Down syndrome)		*	
Choanal atresia		*		Ventricular septal defect	12		38.68
Cleft lip with cleft palate		*					
Cloacal exstrophy		*					
Clubfoot		*					
Coarctation of aorta		*					
Craniosynostosis		6	19.34				
Double outlet right ventricle (DORV)		*					
Ebstein's anomaly		*					
Esophageal atresia/tracheoesophageal fistula		*					
Fetal alcohol syndrome		*					
Gastroschisis		*					
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*					
Hypospadias		12	38.68				
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		12	38.68				
Pulmonary valve atresia and stenosis		5	16.12				

Note 1—* indicates < 5 in number occurred.

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
ORANGE	1129			OWEN	1179		
All Defects		23	203.72	All Defects		28	237.49
Atrial septal defect		*		Atrial septal defect		8	67.85
Cleft lip only (without cleft palate)		*		Choanal atresia		*	
Cleft lip with cleft palate		*		Cleft lip only (without cleft palate)		*	
Cloacal exstrophy		*		Cleft lip with cleft palate		*	
Coarctation of aorta		*		Cleft palate only (without cleft lip)		*	
Diaphragmatic hernia		*		Clubfoot		*	
Double outlet right ventricle (DORV)		*		Coarctation of aorta		*	
Esophageal atresia/tracheoesophageal fistula		*		Diaphragmatic hernia		*	
Hypospadias		*		Hypospadias		5	42.41
Pulmonary valve atresia and stenosis		*		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*	
Rectal and large intestinal atresia/stenosis		*		Spina bifida without anencephaly		*	
Renal agenesis/hypoplasia		*		Transposition of the great arteries		*	
Small intestinal atresia/stenosis		*		Ventricular septal defect		*	
Tetralogy of Fallot (TOF)		*					
Trisomy 21 (Down syndrome)		*		PARKE	956		
Ventricular septal defect		5	44.29	All Defects		11	115.06
				Atrial septal defect		*	
				Atrioventricular septal defect		*	
				Pulmonary valve atresia and stenosis		*	
				Trisomy 21 (Down syndrome)		*	
				Ventricular septal defect		*	

Note 1—* indicates < 5 in number occurred.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
PERRY	1070			PIKE	718		
All Defects		15	140.19	All Defects		12	167.13
Atrial septal defect		*		Atrial septal defect		*	
Atrioventricular septal defect		*		Atrioventricular septal defect		*	
Choanal atresia		*		Clubfoot		*	
Coarctation of aorta		*		Coarctation of aorta		*	
Craniosynostosis		*		Congenital cataract		*	
Holoprosencephaly		*		Double outlet right ventricle (DORV)		*	
Hypospadias		*		Esophageal atresia/tracheoesophageal fistula		*	
Total anomalous pulmonary venous connection		*		Gastroschisis		*	
Trisomy 18 (Edwards syndrome)		*		Limb deficiencies (reduction defects)		*	
Trisomy 21 (Down syndrome)		*		Ventricular septal defect		*	
Ventricular septal defect		*					

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
PORTER	8710			PORTER	8710		
All Defects		127	145.81	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		11	12.63
Anophthalmia/microphthalmia		*		Pulmonary valve atresia and stenosis		*	
Aortic valve stenosis		*		Renal agenesis/hypoplasia		*	
Atrial septal defect		23	26.41	Spina bifida without anencephaly		*	
Atrioventricular septal defect		*		Tetralogy of Fallot (TOF)		*	
Biliary atresia		*		Trisomy 18 (Edwards syndrome)		*	
Cleft lip only (without cleft palate)		*		Trisomy 21 (Down syndrome)		12	13.78
Cleft lip with cleft palate		*		Ventricular septal defect		16	18.37
Cleft palate only (without cleft lip)		*					
Cloacal exstrophy		*					
Clubfoot		5	5.74				
Coarctation of aorta		*					
Congenital cataract		*					
Craniosynostosis		*					
Diaphragmatic hernia		*					
Encephalocele		*					
Fetal alcohol syndrome		*					
Gastroschisis		*					
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*					
Hypospadias		12	13.78				
Limb deficiencies (reduction defects)		8	9.18				
Omphalocele		*					

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

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County	Live Births			County	Live Births		
Defect	Total	Rate		Defect	Total	Rate	
POSEY	1413			PUTNAM	1829		
All Defects	19	134.47		All Defects	47	256.97	
Atrial septal defect	*			Anotia/microtia	*		
Cleft lip with cleft palate	*			Aortic valve stenosis	*		
Cleft palate only (without cleft lip)	*			Atrial septal defect	9	49.21	
Clubfoot	*			Biliary atresia	*		
Coarctation of aorta	*			Cleft palate only (without cleft lip)	*		
Ebstein's anomaly	*			Clubfoot	*		
Hypospadias	5	35.39		Craniosynostosis	*		
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified	*			Esophageal atresia/tracheoesophageal fistula	*		
Renal agenesis/hypoplasia	*			Gastroschisis	*		
Tetralogy of Fallot (TOF)	*			Holoprosencephaly	*		
Transposition of the great arteries	*			Hypospadias	*		
Ventricular septal defect	*			Limb deficiencies (reduction defects)	6	32.8	
				Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified	*		
PULASKI	728			Renal agenesis/hypoplasia	*		
All Defects	11	151.1		Spina bifida without anencephaly	*		
Aortic valve stenosis	*			Tetralogy of Fallot (TOF)	*		
Atrial septal defect	*			Ventricular septal defect	7	38.27	
Cleft palate only (without cleft lip)	*						
Clubfoot	*						
Hypospadias	*						
Ventricular septal defect	*						

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

County	Live Births			County	Live Births		
Defect	Total	Rate		Defect	Total	Rate	
RANDOLPH	1516			RANDOLPH	1516		
All Defects	55	362.8		Spina bifida without anencephaly	*		
Atrial septal defect	11	72.56		Tetralogy of Fallot (TOF)	*		
Atrioventricular septal defect	*			Transposition of the great arteries	*		
Choanal atresia	*			Trisomy 21 (Down syndrome)	*		
Cleft lip only (without cleft palate)	*			Ventricular septal defect	7	46.17	
Cleft lip with cleft palate	*						
Cleft palate only (without cleft lip)	*			RIPLEY	1650		
Cloacal exstrophy	*			All Defects	9	54.55	
Clubfoot	*			Atrial septal defect	*		
Coarctation of aorta	*			Cleft palate only (without cleft lip)	*		
Craniosynostosis	*			Diaphragmatic hernia	*		
Deletion 22 q11.2	*			Gastroschisis	*		
Diaphragmatic hernia	*			Holoprosencephaly	*		
Ebstein's anomaly	*			Pulmonary valve atresia and stenosis	*		
Gastroschisis	*			Renal agenesis/hypoplasia	*		
Holoprosencephaly	*			Spina bifida without anencephaly	*		
Hypospadias	5	32.98		Trisomy 21 (Down syndrome)	*		
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified	6	39.58					
Pulmonary valve atresia and stenosis	*						
Rectal and large intestinal atresia/stenosis	*						
Renal agenesis/hypoplasia	*						

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Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
RUSH	907						
All Defects		15	165.38				
Aortic valve stenosis		*					
Atrial septal defect		*					
Atrioventricular septal defect		*					
Craniosynostosis		*					
Holoprosencephaly		*					
Hypospadias		*					
Small intestinal atresia/stenosis		*					
Trisomy 21 (Down syndrome)		*					

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
ST. JOSEPH	17894			ST. JOSEPH	17894		
All Defects		406	226.89	Hypoplastic left heart syndrome		*	
Anotia/microtia		*		Hypospadias		34	19
Aortic valve stenosis		*		Limb deficiencies (reduction defects)		10	5.59
Atrial septal defect		31	17.32	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		49	27.38
Atrioventricular septal defect		6	3.35	Pulmonary valve atresia and stenosis		12	6.71
Biliary atresia		*		Rectal and large intestinal atresia/stenosis		10	5.59
Choanal atresia		*		Renal agenesis/hypoplasia		9	5.03
Cleft lip only (without cleft palate)		5	2.79	Small intestinal atresia/stenosis		8	4.47
Cleft lip with cleft palate		8	4.47	Spina bifida without anencephaly		11	6.15
Cleft palate only (without cleft lip)		16	8.94	Tetralogy of Fallot (TOF)		8	4.47
Cloacal exstrophy		*		Total anomalous pulmonary venous connection		*	
Clubfoot		26	14.53	Transposition of the great arteries		*	
Coarctation of aorta		*		Tricuspid valve atresia and stenosis		*	
Common truncus		*		Trisomy 18 (Edwards syndrome)		*	
Congenital cataract		5	2.79	Trisomy 21 (Down syndrome)		26	14.53
Congenital posterior urethral valves		*		Ventricular septal defect		38	21.24
Craniosynostosis		32	17.88				
Diaphragmatic hernia		*					
Double outlet right ventricle (DORV)		*					
Encephalocele		*					
Esophageal atresia/tracheoesophageal fistula		5	2.79				
Fetal alcohol syndrome		5	2.79				
Gastroschisis		12	6.71				
Holoprosencephaly		5	2.79				

Note 1—* indicates < 5 in number occurred.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
SCOTT	1475						
All Defects		8	54.24				
Atrial septal defect		*					
Coarctation of aorta		*					
Pulmonary valve atresia and stenosis		*					
Ventricular septal defect		*					

Note 1—* indicates < 5 in number occurred.

Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
SHELBY	2598			SHELBY	2598		
All Defects		52	200.15	Trisomy 21 (Down syndrome)		*	
Anophthalmia/microphthalmia		*		Ventricular septal defect		12	46.19
Aortic valve stenosis		*					
Atrial septal defect		11	42.34	SPENCER	1131		
Clubfoot		*		All Defects		11	97.26
Coarctation of aorta		*		Anotia/microtia		*	
Diaphragmatic hernia		*		Atrial septal defect		*	
Ebstein's anomaly		*		Craniosynostosis		*	
Encephalocele		*		Hypospadias		*	
Esophageal atresia/tracheoesophageal fistula		*		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*	
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*		Pulmonary valve atresia and stenosis		*	
Hypospadias		*		Trisomy 21 (Down syndrome)		*	
Limb deficiencies (reduction defects)		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Pulmonary valve atresia and stenosis		*					
Rectal and large intestinal atresia/stenosis		*					
Renal agenesis/hypoplasia		*					
Trisomy 18 (Edwards syndrome)		*					

Note 1—* indicates < 5 in number occurred.

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
STARKE	1403			STEUBEN	1786		
All Defects		15	106.91	All Defects		71	397.54
Atrial septal defect		*		Anotia/microtia		*	
Cleft palate only (without cleft lip)		*		Aortic valve stenosis		*	
Craniosynostosis		*		Atrial septal defect		7	39.19
Encephalocele		*		Atrioventricular septal defect		*	
Hypospadias		*		Biliary atresia		*	
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*		Cleft lip with cleft palate		*	
Spina bifida without anencephaly		*		Cleft palate only (without cleft lip)		*	
Trisomy 18 (Edwards syndrome)		*		Clubfoot		*	
Trisomy 21 (Down syndrome)		*		Coarctation of aorta		*	
Turner syndrome		*		Craniosynostosis		5	28
Ventricular septal defect		*		Diaphragmatic hernia		*	
				Fetal alcohol syndrome		*	
				Gastroschisis		*	
				Hypoplastic left heart syndrome		*	
				Hypospadias		13	72.79
				Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		16	89.59
				Pulmonary valve atresia and stenosis		*	
				Tetralogy of Fallot (TOF)		*	
				Trisomy 21 (Down syndrome)		5	28
				Ventricular septal defect		5	28

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
SULLIVAN	1151						
All Defects		20	173.76				
Atrial septal defect		*					
Cleft lip only (without cleft palate)		*					
Hypoplastic left heart syndrome		*					
Hypospadias		*					
Limb deficiencies (reduction defects)		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Pulmonary valve atresia and stenosis		*					
Rectal and large intestinal atresia/stenosis		*					
Spina bifida without anencephaly		*					
Tetralogy of Fallot (TOF)		*					
Trisomy 21 (Down syndrome)		*					
Ventricular septal defect		*					
SWITZERLAND	614						
All Defects		*					
Hypospadias		*					
Trisomy 21 (Down syndrome)		*					
Ventricular septal defect		*					

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
TIPPECANOE	11190			TIPPECANOE	11190		
All Defects		324	289.54	Hypospadias		28	25.02
Anophthalmia/microphthalmia		*		Interrupted aortic arch (IAA)		*	
Anotia/microtia		*		Limb deficiencies (reduction defects)		*	
Aortic valve stenosis		5	4.47	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		16	14.3
Atrial septal defect		63	56.3	Pulmonary valve atresia and stenosis		12	10.72
Atrioventricular septal defect		6	5.36	Rectal and large intestinal atresia/stenosis		8	7.15
Biliary atresia		*		Renal agenesis/hypoplasia		*	
Bladder exstrophy		*		Small intestinal atresia/stenosis		*	
Choanal atresia		*		Spina bifida without anencephaly		5	4.47
Cleft lip only (without cleft palate)		*		Tetralogy of Fallot (TOF)		*	
Cleft lip with cleft palate		7	6.26	Total anomalous pulmonary venous connection		*	
Cleft palate only (without cleft lip)		*		Transposition of the great arteries		*	
Cloacal exstrophy		*		Tricuspid valve atresia and stenosis		*	
Clubfoot		12	10.72	Trisomy 21 (Down syndrome)		10	8.94
Coarctation of aorta		*		Ventricular septal defect		76	67.92
Congenital cataract		6	5.36				
Craniosynostosis		15	13.4				
Diaphragmatic hernia		*					
Double outlet right ventricle (DORV)		*					
Encephalocele		*					
Esophageal atresia/tracheoesophageal fistula		*					
Fetal alcohol syndrome		*					
Gastroschisis		5	4.47				
Holoprosencephaly		5	4.47				

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
TIPTON	731			UNION	144		
All Defects		28	383.04	All Defects		*	
Anotia/microtia		*		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*	
Aortic valve stenosis		*					
Atrial septal defect		*					
Atrioventricular septal defect		*					
Choanal atresia		*					
Cleft lip only (without cleft palate)		*					
Cleft palate only (without cleft lip)		*					
Coarctation of aorta		*					
Congenital cataract		*					
Gastroschisis		*					
Hypospadias		6	82.08				
Interrupted aortic arch (IAA)		*					
Limb deficiencies (reduction defects)		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Spina bifida without anencephaly		*					
Trisomy 21 (Down syndrome)		*					
Ventricular septal defect		5	68.4				

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
VANDERBURGH	11630			VANDERBURGH	11630		
All Defects		159	136.72	Pulmonary valve atresia and stenosis		9	7.74
Atrial septal defect		19	16.34	Rectal and large intestinal atresia/stenosis		*	
Atrioventricular septal defect		*		Renal agenesis/hypoplasia		6	5.16
Cleft lip only (without cleft palate)		*		Single ventricle		*	
Cleft lip with cleft palate		*		Small intestinal atresia/stenosis		*	
Cleft palate only (without cleft lip)		*		Spina bifida without anencephaly		*	
Clubfoot		7	6.02	Tetralogy of Fallot (TOF)		6	5.16
Coarctation of aorta		*		Total anomalous pulmonary venous connection		*	
Common truncus		*		Transposition of the great arteries		*	
Deletion 22 q11.2		*		Tricuspid valve atresia and stenosis		*	
Diaphragmatic hernia		*		Trisomy 18 (Edwards syndrome)		*	
Double outlet right ventricle (DORV)		5	4.3	Trisomy 21 (Down syndrome)		*	
Esophageal atresia/tracheoesophageal fistula		*		Ventricular septal defect		28	24.08
Fetal alcohol syndrome		*					
Gastroschisis		*					
Hypoplastic left heart syndrome		*					
Hypospadias		19	16.34				
Limb deficiencies (reduction defects)		5	4.3				
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		10	8.6				

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
VERMILLION	820						
All Defects		18	219.51				
Atrial septal defect		6	73.17				
Cleft lip with cleft palate		*					
Cleft palate only (without cleft lip)		*					
Clubfoot		*					
Gastroschisis		*					
Hypospadias		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Pulmonary valve atresia and stenosis		*					
Tetralogy of Fallot (TOF)		*					

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Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

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County	Live Births			County	Live Births		
Defect	Total	Rate		Defect	Total	Rate	
VIGO	6493			VIGO	6493		
All Defects	178	274.14		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified	25	38.5	
Aortic valve stenosis	*			Pulmonary valve atresia and stenosis	8	12.32	
Atrial septal defect	28	43.12		Rectal and large intestinal atresia/stenosis	6	9.24	
Atrioventricular septal defect	*			Renal agenesis/hypoplasia	*		
Cleft lip only (without cleft palate)	*			Single ventricle	*		
Cleft lip with cleft palate	5	7.7		Small intestinal atresia/stenosis	*		
Cleft palate only (without cleft lip)	*			Spina bifida without anencephaly	*		
Cloacal exstrophy	*			Tetralogy of Fallot (TOF)	*		
Clubfoot	6	9.24		Transposition of the great arteries	*		
Coarctation of aorta	*			Tricuspid valve atresia and stenosis	*		
Congenital cataract	*			Trisomy 21 (Down syndrome)	*		
Craniosynostosis	*			Ventricular septal defect	32	49.28	
Diaphragmatic hernia	*						
Double outlet right ventricle (DORV)	*						
Ebstein's anomaly	*						
Fetal alcohol syndrome	*						
Gastroschisis	*						
Holoprosencephaly	5	7.7					
Hypoplastic left heart syndrome	*						
Hypospadias	11	16.94					
Limb deficiencies (reduction defects)	6	9.24					

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
WABASH	1791			WARREN	463		
All Defects		35	195.42	All Defects		11	237.58
Atrial septal defect		5	27.92	Atrial septal defect		*	
Clubfoot		*		Clubfoot		*	
Coarctation of aorta		*		Hypospadias		*	
Craniosynostosis		*		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*	
Diaphragmatic hernia		*		Pulmonary valve atresia and stenosis		*	
Esophageal atresia/tracheoesophageal fistula		*		Renal agenesis/hypoplasia		*	
Fetal alcohol syndrome		*		Ventricular septal defect		*	
Hypospadias		6	33.5				
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*					
Pulmonary valve atresia and stenosis		*					
Small intestinal atresia/stenosis		*					
Spina bifida without anencephaly		*					
Tetralogy of Fallot (TOF)		*					
Trisomy 21 (Down syndrome)		*					
Ventricular septal defect		*					

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Note 2—Rates based on fewer than 20 cases are unstable and are not comparable.

Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
WARRICK	3344			WASHINGTON	1552		
All Defects		53	158.49	All Defects		17	109.54
Atrial septal defect		8	23.92	Atrial septal defect		*	
Atrioventricular septal defect		*		Cleft lip only (without cleft palate)		*	
Choanal atresia		*		Cleft palate only (without cleft lip)		*	
Cleft lip only (without cleft palate)		*		Hypospadias		*	
Cleft lip with cleft palate		*		Limb deficiencies (reduction defects)		*	
Cleft palate only (without cleft lip)		*		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*	
Clubfoot		*		Trisomy 21 (Down syndrome)		*	
Coarctation of aorta		*		Ventricular septal defect		5	32.22
Diaphragmatic hernia		*					
Encephalocele		*					
Gastroschisis		*					
Hypospadias		12	35.89				
Omphalocele		*					
Pulmonary valve atresia and stenosis		*					
Rectal and large intestinal atresia/stenosis		*					
Renal agenesis/hypoplasia		*					
Spina bifida without anencephaly		*					
Transposition of the great arteries		*					
Trisomy 18 (Edwards syndrome)		*					
Trisomy 21 (Down syndrome)		*					
Ventricular septal defect		9	26.91				

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County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
WAYNE	4117			WAYNE	4117		
All Defects		72	174.88	Transposition of the great arteries		*	
Anotia/microtia		*		Trisomy 18 (Edwards syndrome)		*	
Atrial septal defect		15	36.43	Trisomy 21 (Down syndrome)		*	
Atrioventricular septal defect		*		Ventricular septal defect		12	29.15
Cleft lip with cleft palate		*					
Cleft palate only (without cleft lip)		*					
Clubfoot		*					
Coarctation of aorta		*					
Craniosynostosis		*					
Double outlet right ventricle (DORV)		*					
Encephalocele		*					
Gastroschisis		*					
Holoprosencephaly		*					
Hypoplastic left heart syndrome		*					
Hypospadias		*					
Interrupted aortic arch (IAA)		*					
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		8	19.43				
Pulmonary valve atresia and stenosis		*					
Single ventricle		*					
Spina bifida without anencephaly		*					
Tetralogy of Fallot (TOF)		*					

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Data compiled on 9/30/2015 3:39:48 PM

County	Live Births			County	Live Births		
Defect		Total	Rate	Defect		Total	Rate
WELLS	1746			WELLS	1746		
All Defects		64	366.55	Ventricular septal defect		13	74.46
Atrial septal defect		8	45.82	WHITE	1495		
Atrioventricular septal defect		*		All Defects		40	267.56
Cleft lip with cleft palate		*		Atrial septal defect		5	33.44
Cleft palate only (without cleft lip)		*		Atrioventricular septal defect		*	
Clubfoot		*		Cleft palate only (without cleft lip)		*	
Coarctation of aorta		*		Clubfoot		*	
Craniosynostosis		5	28.64	Coarctation of aorta		*	
Diaphragmatic hernia		*		Craniosynostosis		*	
Double outlet right ventricle (DORV)		*		Diaphragmatic hernia		*	
Esophageal atresia/tracheoesophageal fistula		*		Gastroschisis		*	
Gastroschisis		*		Hypospadias		*	
Hypospadias		8	45.82	Limb deficiencies (reduction defects)		*	
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		7	40.09	Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		*	
Pulmonary valve atresia and stenosis		*		Pulmonary valve atresia and stenosis		*	
Rectal and large intestinal atresia/stenosis		*		Single ventricle		*	
Tetralogy of Fallot (TOF)		*		Tetralogy of Fallot (TOF)		*	
Transposition of the great arteries		*		Trisomy 21 (Down syndrome)		*	
Trisomy 21 (Down syndrome)		*		Ventricular septal defect		11	73.58

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County	Live Births	Total	Rate	County	Live Births	Total	Rate
Defect				Defect			
WHITLEY	1955			UNKNOWN	539		
All Defects		43	219.95	All Defects		24	445.27
Atrial septal defect		8	40.92	Anencephaly		*	
Cleft lip only (without cleft palate)		*		Atrial septal defect		*	
Clubfoot		*		Atrioventricular septal defect		*	
Craniosynostosis		*		Cleft palate only (without cleft lip)		*	
Deletion 22 q11.2		*		Fetal alcohol syndrome		7	129.87
Fetal alcohol syndrome		*		Hypospadias		*	
Gastroschisis		*		Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		5	92.76
Hypospadias		6	30.69	Pulmonary valve atresia and stenosis		*	
Limb deficiencies (reduction defects)		*		Rectal and large intestinal atresia/stenosis		*	
Pervasive developmental disorders, including autism, childhood disintegrative disorder, Asperger's syndrome, Rett syndrome, & pervasive developmental disorders not otherwise specified		5	25.58	Trisomy 21 (Down syndrome)		*	
Pulmonary valve atresia and stenosis		*		Ventricular septal defect		*	
Spina bifida without anencephaly		*					
Tetralogy of Fallot (TOF)		*					
Trisomy 21 (Down syndrome)		6	30.69				
Ventricular septal defect		*					

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