

REQUEST:

What are the most prevalent birth defects in Harris County, and rates? I cannot find them in succinct categories as we had in our last report.

RESPONSE:

The Texas Department of State Health Services provides birth defect data for Texas Health Region 6, which includes the Metropolitan Houston Area. For the years 1999 to 2013, the most prevalent birth defects are:

Table 1: The most 10 prevalent birth defects in Texas Region 6, 1999-2013

The most 10 prevalent birth defects in Texas Region 6 based on 1999-2013 deliveries are:

Defect	Prevalence [†]
1. Hypospadias (cases and prevalence among males)	56.85
2. Atrial septal defect	51.44
3. Ventricular septal defect	50.26
4. Patent ductus arteriosus	43.44
5. Pyloric stenosis	15.52
6. Talipes equinovarus / clubfoot	14.35
7. Trisomy 21 (Down syndrome)	11.78
8. Cleft lip with or without cleft palate	8.59
9. Hydrocephaly without spina bifida	6.13
10. Pulmonary valve atresia or stenosis	5.96

[†] cases per 10,000 live births

Source: https://www.dshs.texas.gov/birthdefects/data/BD_Data_99-13/Report-of-Birth-Defects-Among-1999-2013-Deliveries.aspx

The most recent county-level data for these top 10 defects is from 2011. Because these data are for a single year, counties with small populations may not have data. [Retrieved from the Texas Health Data birth defects registry (<http://healthdata.dshs.texas.gov/Registries/BirthDefects>).]

Table 2: Prevalence of Hypospadias by county

County	Hypospadias Prevalence per 10,000 Live Births (2011)
Brazoria	69.93
<i>Chambers</i>	<i>NA</i>
Fort Bend	45.49
Galveston	69.92
Harris	51
<i>Liberty</i>	<i>NA</i>
Montgomery	46.03
<i>Waller</i>	<i>NA</i>

Table 3: Prevalence of Atrial septal defect by county

County	Atrial septal defect Prevalence per 10,000 Live Births (2011)
Brazoria	52.52
<i>Chambers</i>	<i>NA</i>
Fort Bend	54.42
Galveston	125.74
Harris	62.46
<i>Liberty</i>	<i>NA</i>
Montgomery	110.10
<i>Waller</i>	<i>NA</i>

Table 4: Prevalence of Ventricular septal defect by county

County	Ventricular septal defect Prevalence per 10,000 Live Births (2011)
Brazoria	52.52
<i>Chambers</i>	<i>NA</i>
Fort Bend	54.42
Galveston	125.74
Harris	62.46
<i>Liberty</i>	<i>NA</i>
Montgomery	110.10
<i>Waller</i>	<i>NA</i>

Table 5: Prevalence of Patent ductus arteriosus by county

County	Patent ductus arteriosus Prevalence per 10,000 Live Births (2011)
Brazoria	29.69
<i>Chambers</i>	<i>NA</i>
Fort Bend	51.83
Galveston	51.32
Harris	55.18
<i>Liberty</i>	50.67
Montgomery	75.50
<i>Waller</i>	<i>NA</i>

Table 6: Prevalence of Pyloric stenosis by county

County	Pyloric stenosis Prevalence per 10,000 Live Births (2011)
<i>Brazoria</i>	NA
Chambers	0
Fort Bend	14.25
<i>Galveston</i>	NA
Harris	12.13
<i>Liberty</i>	NA
Montgomery	9.44
Waller	0

Table 7: Prevalence of Talipes equinovarus / clubfoot by county

County	Talipes equinovarus / clubfoot Prevalence per 10,000 Live Births (2011)
Brazoria	11.42
<i>Chambers</i>	NA
Fort Bend	20.73
Galveston	15.40
Harris	16.83
<i>Liberty</i>	NA
Montgomery	15.73
<i>Waller</i>	NA

Table 8: Prevalence of Trisomy 21 (Down syndrome) by county

County	Trisomy 21 (Down syndrome) Prevalence per 10,000 Live Births (2011)
Brazoria	18.27
<i>Chambers</i>	NA
Fort Bend	10.37
<i>Galveston</i>	NA
Harris	13.34
Liberty	0
Montgomery	7.86
Waller	0

Table 9: Prevalence of Cleft lip with or without cleft palate by county

County	Cleft lip with or without cleft palate Prevalence per 10,000 Live Births (2011)
Brazoria	11.42
Chambers	0
<i>Fort Bend</i>	NA
Galveston	15.40
Harris	9.85
<i>Liberty</i>	NA
Montgomery	15.73
Waller	0

Table 10: Prevalence of Hydrocephaly without spina bifida by county

County	Hydrocephaly without spina bifida Prevalence per 10,000 Live Births (2011)
<i>Brazoria</i>	NA
Chambers	0
Fort Bend	10.37
Galveston	15.40
Harris	6.67
<i>Liberty</i>	NA
<i>Montgomery</i>	NA
Waller	0

Table 11: Prevalence of Pulmonary valve atresia or stenosis by county

County	Pulmonary valve atresia or stenosis Prevalence per 10,000 Live Births (2011)
Brazoria	0
Chambers	0
<i>Fort Bend</i>	NA
Galveston	0
Harris	5.15
<i>Liberty</i>	NA
Montgomery	9.44
<i>Waller</i>	NA