Syphilis and STDs in Bexar County

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Syphilis Update to the Community
June 23, 2015
STDs in Bexar County
Chlamydia Cases, Bexar County, 2005-2014*

There was a 10% decrease in the number of chlamydia cases from 2013 (11,340) to 2014 (10,233). There was a 38% increase in the number of chlamydia cases from 2005 (7,400) to 2014 (10,233).

2013 Cases in Bexar County - ranked #11 of all US counties

Source: local and central STD*MIS data, ranking from CDC

* 2014 Preliminary Data
There was a **2% decrease** in the number of gonorrhea cases from 2013 (2,960) to 2014 (2,898). (1 year)

There was a **33% increase** in the number of gonorrhea cases from 2005 (2,184) to 2014 (2,898). (9 years)

**2013 Cases in Bexar County - ranked #13 of all US counties**

Source: local and central STD*MIS data, ranking from CDC
Syphilis in Bexar County
Syphilis Cases, Bexar County, 2013

Cases (all stages)
N = 1,069

- 17 to 27
- 10 to 14
- 5 to 9
- 3 to 4
- 1 to 2

Source: local STD*MIS data
Primary & Secondary Syphilis Cases, Bexar County, 2005-2014*

There was a 24% decrease in the number of P&S syphilis cases from 2013 (291) to 2014 (221).

There was a 71% increase in the number of P&S syphilis cases from 2005 (129) to 2014 (221).

2013 Cases in Bexar County - ranked #9 of all US counties

Source: local and central STD*MIS data, ranking from CDC

* 2014 Preliminary Data
Primary and Secondary Syphilis Rates, 2004-2014*

Bexar County Texas US

2004 6.3 6.2 5.0
2005 6.0 6.1 5.2
2006 6.5 6.7 5.4
2007 7.2 7.5 5.5
2008 8.0 8.0 5.6
2009 9.0 8.5 5.8
2010 10.0 9.0 6.1
2011 17.2 9.5 6.3
2012 16.0 9.5 6.5
2013 12.2 10.0 7.0

2013: Bexar County’s rate of P&S syphilis was 3.0 times higher than the Texas and the US rate.

Source: local and central STD*MIS data

* 2014 Preliminary Data, using 2013 population
## Congenital Syphilis Cases and Rates
In Texas’ Most Highly Populated Counties, 2013

<table>
<thead>
<tr>
<th>County</th>
<th>2013 Cases</th>
<th>County</th>
<th>2013 Rates*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harris</td>
<td>25</td>
<td>Bexar</td>
<td>64.7</td>
</tr>
<tr>
<td>Bexar</td>
<td>17</td>
<td>Harris</td>
<td>37.1</td>
</tr>
<tr>
<td>Tarrant</td>
<td>7</td>
<td>Tarrant</td>
<td>25.3</td>
</tr>
<tr>
<td>Dallas</td>
<td>6</td>
<td>Dallas</td>
<td>15.5</td>
</tr>
</tbody>
</table>

*Rate Per 100,000 Live Births; 2012 Live Births Used For Calculation of 2013 rate.

Source: Texas DSHS STD*MIS
There was a **70% decrease** in the number of **Congenital** syphilis cases from 2013 to 2014.

There was a **200% increase** in the number of **Congenital** syphilis cases from 2004 to 2014.

* Preliminary data for 2014, 2015 (first 5 months)

Source: local and central STD*MIS data
2013: Bexar County’s rate of **P&S syphilis** was **3.6 times higher** than the Texas rate and **7.3 times higher** than the US rate.
<table>
<thead>
<tr>
<th>Hospital</th>
<th># of Cases in 2012 (n = 18 infants)</th>
<th>% total in 2012</th>
<th># of Cases in 2013 (n = 17 infants)</th>
<th>% total in 2013</th>
<th># of Cases in 2014* (n = 10* infants)</th>
<th>% total in 2014*</th>
<th># of Cases as of May 2015* (n = 3* infants)</th>
<th>% total as of May 2015*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methodist Hospitals (2)°</td>
<td>6</td>
<td>33%</td>
<td>7</td>
<td>41%</td>
<td>2</td>
<td>20%</td>
<td>1</td>
<td>33%</td>
</tr>
<tr>
<td>Baptist Hospitals (4)**</td>
<td>4</td>
<td>22%</td>
<td>7</td>
<td>41%</td>
<td>2</td>
<td>20%</td>
<td>1</td>
<td>33%</td>
</tr>
<tr>
<td>University Hospital</td>
<td>5</td>
<td>28%</td>
<td>1</td>
<td>6%</td>
<td>0</td>
<td>0%</td>
<td>1</td>
<td>33%</td>
</tr>
<tr>
<td>Santa Rosa Hospitals (2) ¶</td>
<td>2</td>
<td>11%</td>
<td>1</td>
<td>6%</td>
<td>1</td>
<td>10%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Southwest Gen. Hosp.</td>
<td>1</td>
<td>6%</td>
<td>1</td>
<td>6%</td>
<td>5</td>
<td>50%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Lackland Air Force Base</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

* Methodist Hospital; Metropolitan Methodist Hospital
** Baptist-N. Central; Baptist-NE, Baptist-DT; Baptist-St. Luke’s
¶ Christus Santa Rosa-DT, Christus Santa Rosa Westover Hills

Source: Local STD*MIS

* 2014 & 2015 Local Preliminary Data as of 6/22/2015
Prevention of Congenital Syphilis, Bexar County, 2010–2013

Number of healthy infants born to mothers who were successfully treated for syphilis infection (30 days prior to delivery) in reported year

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Infants</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>30</td>
</tr>
<tr>
<td>2011</td>
<td>24</td>
</tr>
<tr>
<td>2012</td>
<td>31</td>
</tr>
<tr>
<td>2013</td>
<td>34</td>
</tr>
</tbody>
</table>

Source: local STD*MIS

N = 119
Congenital Syphilis (CS) Cases by Year of Birth, Bexar County and Primary and Secondary (P&S) Syphilis Rates for Bexar County, Texas and the United States, 2003 – 2014*

* = Preliminary CS case data for January 1 – June 22, 2015

Data extracted from local STD*MIS database, Texas and CDC reports, using ACS population estimates
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Syphilis Cases by Stage, Bexar County, 2003-2014*

Source: local and central STD*MIS data

* 2014 Preliminary Data