STDs IN KERN COUNTY
2017 DATA UPDATE

KERN COUNTY PUBLIC HEALTH SERVICES DEPARTMENT

SEPTEMBER 13, 2018
# Kern County STD Overview, 2017

<table>
<thead>
<tr>
<th>Disease</th>
<th>Number of Cases</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlamydia</td>
<td>6,859</td>
<td>18 per day</td>
</tr>
<tr>
<td>Gonorrhea</td>
<td>2,261</td>
<td>6 per day</td>
</tr>
<tr>
<td>Syphilis</td>
<td>846</td>
<td>2 per day</td>
</tr>
<tr>
<td>HIV</td>
<td>152</td>
<td>1 every 2.4 days (3 per week)</td>
</tr>
</tbody>
</table>

| Kern County        | 10,118          | 1 every hour                   |

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<thead>
<tr>
<th>Disease</th>
<th>Number of Cases</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Congenital Syphilis</td>
<td>33</td>
<td>1 every 11 days</td>
</tr>
</tbody>
</table>
KERN CHLAMYDIA CASES

- 6,589 cases
- 7% increase since 2016
- 21% increase since 2011
CHLAMYDIA RATES BY JURISDICTION

- Rate 38% higher than State average
- Ranked 3\textsuperscript{rd} worst in the State (SF, Alpine)
KERN CHLAMYDIA RATES BY AGE GROUP

- Except 25-29 y.o., all increased compared to 2016
- 35-44 y.o. largest single year increase (14%)
KERN CHLAMYDIA RATES BY RACE/ETHNICITY

- Blacks 5x higher than Whites
- Hispanics 1.3x higher than Whites
- Whites and Blacks doubled from 2001 to 2017
- Hispanics only increased 3% from 2001 to 2017
KERN GONORRHEA CASES

- 2,261 cases
- 24% increase since 2016
- 158% increase since 2011
GONORRHEA RATES BY JURISDICTION

- 33% higher than State average
- Ranked 4th worst in the State (SF, Lake, LA)
KERN GONORRHEA RATES BY AGE GROUP

- 15-19 y.o. increased 41% in one year
KERN GONORRHEA RATES BY RACE/ETHNICITY

- Blacks 3.8x higher than Whites
- Hispanics 34% higher than Whites
- Whites 4.7x higher from 2001-2017
KERN SYPHILIS CASES

- 846 cases
- 5% increase since 2016
- 7x higher than 2001
KERN PRIMARY AND SECONDARY SYPHILIS CASES

- 251 cases
- No significant change between 2016 and 2017
- Compare to 56% increase between 2015-2016
- Still 20x higher than 2001
P&S SYPHILIS RATES BY JURISDICTION

- 66% higher than State average
- 3rd worst in the State (SF, SJ)
- Statewide 12% increase between 2016-2017
P&S Syphilis Cases by Age Group

- 20-24 y.o. nearly same rate as 25-29 y.o.
- 25-29 y.o., 30-34 y.o., 35-44 y.o. all decreased
P&S Syphilis by Race/Ethnicity

- Blacks 3x higher than Whites
- Hispanics lower than Whites (first time since 2008)
- Blacks, Hispanics, Whites all decreased
- Whites 66x higher from 2001-2017
KERN CONGENITAL SYPHILIS CASES

- 33 cases
- 22% increase since 2016
- 333% increase since 2011
CONGENITAL SYPHILIS RATES BY JURISDICTION

- 313% higher than State average
- Ranked 2nd worst in the State (Fresno)
KERN HIV CASES

- 152 cases (more than epidemic years)
- Rate still 40% lower than epidemic years
# Kern County STD Summary (2017)

<table>
<thead>
<tr>
<th>Disease</th>
<th>Number of Cases</th>
<th>California Rank</th>
<th>Comparison to State Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlamydia</td>
<td>6,859</td>
<td>3rd</td>
<td>38% higher</td>
</tr>
<tr>
<td>Gonorrhea</td>
<td>2,261</td>
<td>4th</td>
<td>33% higher</td>
</tr>
<tr>
<td>Primary &amp; Secondary Syphilis</td>
<td>251</td>
<td>3rd</td>
<td>66% higher</td>
</tr>
<tr>
<td>Congenital Syphilis</td>
<td>33</td>
<td>2nd</td>
<td>313% higher</td>
</tr>
<tr>
<td>HIV</td>
<td>152</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

*State HIV data has not been published*