Birth Data: Teen Pregnancy Focus
How are we doing?

Claudia Benton, MSN, RN-BC, PHN
Erin Slack, MPH
MCAH Epidemiologist
May 27, 2014
Agenda

- Overview of Teen Pregnancy Data
- History of the Mother-Daughter Workshops
- Overview of the Mother-Daughter Workshop Curriculum and Evaluation
- Overview of Adolescent Family Life Program
- Group Discussion
Ventura County - Teen Birth Rates by Ethnicity (2000-2011)

Source: Birth Statistical Master File and CA Dept of Finance Population Details and Projections.
Ventura County - Teen Births by Race/Ethnicity, 2013

- Hispanic, 89.3%
- White, 9.8%
- Black, 0.8%
- Pacific Islander, 0.2%

Source: Automated Vital Statistics System.
Ventura County - Maternal BMI Prior to Pregnancy, 2013

Source: Automated Vital Statistics System.
Ventura County - Utilization of Prenatal Care in the First Trimester, 2013

Source: Automated Vital Statistics System.
Ventura County - Repeat Births within 24 Months by Mother's Age, 2013

Source: Automated Vital Statistics System.
### 2013 Births to Ventura County Residents Less than 20 Years of Age by Birth Weight Group

<table>
<thead>
<tr>
<th>Birthweight (grams)</th>
<th>Mother's Age (Years)</th>
<th>% of Total VC Teen Births</th>
<th>% of Nonteen Births</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>&lt;15</td>
<td>15-17</td>
<td>18-19</td>
</tr>
<tr>
<td>1-1,499</td>
<td>0</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>1,500-2,499</td>
<td>0</td>
<td>9</td>
<td>24</td>
</tr>
<tr>
<td>2,500+</td>
<td>4</td>
<td>172</td>
<td>447</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>6</strong></td>
<td><strong>222</strong></td>
<td><strong>498</strong></td>
</tr>
<tr>
<td>% &lt;1500 g</td>
<td>0.0%</td>
<td>1.4%</td>
<td>1.2%</td>
</tr>
<tr>
<td>% &lt;2500 g</td>
<td>0.0%</td>
<td>5.4%</td>
<td>6.0%</td>
</tr>
</tbody>
</table>

Source: Automated Vital Statistics System.
Ventura County Teen Births by Father's Age, 2013

Source: Automated Vital Statistics System.
Ventura County – Payor Source for Delivery in Teens vs. Adult Mothers, 21013

<table>
<thead>
<tr>
<th>Source</th>
<th>&lt;20 yrs</th>
<th>20+ yrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medi-Cal</td>
<td>79.7%</td>
<td>40.9%</td>
</tr>
<tr>
<td>Private</td>
<td>19.1%</td>
<td>53.7%</td>
</tr>
<tr>
<td>Champus Military</td>
<td>0.2%</td>
<td>3.2%</td>
</tr>
<tr>
<td>No Insurance</td>
<td>0.8%</td>
<td>1.5%</td>
</tr>
<tr>
<td>Oth/Gov</td>
<td>0.3%</td>
<td>0.4%</td>
</tr>
</tbody>
</table>

Source: Automated Vital Statistics System.
<table>
<thead>
<tr>
<th>FACILITY</th>
<th>&lt;15</th>
<th>15</th>
<th>16</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>&lt;20</th>
<th>% of Teen Births</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Memorial Hospital</td>
<td>&lt;5</td>
<td>5</td>
<td>7</td>
<td>21</td>
<td>52</td>
<td>78</td>
<td>164</td>
<td>22.6%</td>
</tr>
<tr>
<td>Los Robles</td>
<td>0</td>
<td>&lt;5</td>
<td>&lt;5</td>
<td>&lt;5</td>
<td>8</td>
<td>17</td>
<td>34</td>
<td>4.7%</td>
</tr>
<tr>
<td>Santa Paula Hospital</td>
<td>&lt;5</td>
<td>0</td>
<td>&lt;5</td>
<td>&lt;5</td>
<td>17</td>
<td>19</td>
<td>42</td>
<td>5.8%</td>
</tr>
<tr>
<td>Simi Valley Hospital</td>
<td>0</td>
<td>0</td>
<td>&lt;5</td>
<td>&lt;5</td>
<td>7</td>
<td>9</td>
<td>21</td>
<td>2.9%</td>
</tr>
<tr>
<td>St. John's Regional</td>
<td>&lt;5</td>
<td>11</td>
<td>16</td>
<td>41</td>
<td>56</td>
<td>76</td>
<td>202</td>
<td>27.8%</td>
</tr>
<tr>
<td>Ventura County Medical Center</td>
<td>0</td>
<td>9</td>
<td>16</td>
<td>34</td>
<td>49</td>
<td>73</td>
<td>181</td>
<td>24.9%</td>
</tr>
<tr>
<td><strong>Sub Total VC Hospital</strong></td>
<td>4</td>
<td>28</td>
<td>45</td>
<td>106</td>
<td>189</td>
<td>272</td>
<td>644</td>
<td></td>
</tr>
<tr>
<td>Home</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>&lt;5</td>
<td>&lt;5</td>
<td>0</td>
<td>&lt;5</td>
<td>0.3%</td>
</tr>
<tr>
<td>Non-Hospital</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>&lt;5</td>
<td>&lt;5</td>
<td>0.1%</td>
</tr>
<tr>
<td>Out of County Hospital</td>
<td>0</td>
<td>&lt;5</td>
<td>&lt;5</td>
<td>&lt;5</td>
<td>&lt;5</td>
<td>12</td>
<td>18</td>
<td>2.5%</td>
</tr>
<tr>
<td><strong>Total Teen Births</strong></td>
<td>4</td>
<td>29</td>
<td>46</td>
<td>109</td>
<td>192</td>
<td>285</td>
<td>665</td>
<td></td>
</tr>
</tbody>
</table>

*Source: Automated Vital Statistics System.*
## 2013 Teen Births by Age and Zip Code

**Ordered by Zip Codes with the Highest Percent of Teen Births**

<table>
<thead>
<tr>
<th>ZIP</th>
<th>&lt;15</th>
<th>15-17</th>
<th>18-19</th>
<th>&lt;20</th>
<th>20+ Yrs</th>
<th>TOTAL</th>
<th>% Teen Births</th>
</tr>
</thead>
<tbody>
<tr>
<td>93040 - Piru</td>
<td>0</td>
<td>&lt;5</td>
<td>&lt;5</td>
<td>5</td>
<td>33</td>
<td>38</td>
<td>13.2%</td>
</tr>
<tr>
<td>93033 - Oxnard</td>
<td>0</td>
<td>65</td>
<td>124</td>
<td>189</td>
<td>1,479</td>
<td>1,668</td>
<td>11.3%</td>
</tr>
<tr>
<td>93022 – Oak View</td>
<td>&lt;5</td>
<td>5</td>
<td>8</td>
<td>65</td>
<td>73</td>
<td>93</td>
<td>11.0%</td>
</tr>
<tr>
<td>93030 - Oxnard</td>
<td>&lt;5</td>
<td>25</td>
<td>78</td>
<td>105</td>
<td>987</td>
<td>1,092</td>
<td>9.6%</td>
</tr>
<tr>
<td>93060 – Santa Paula</td>
<td>&lt;5</td>
<td>8</td>
<td>40</td>
<td>49</td>
<td>468</td>
<td>517</td>
<td>9.5%</td>
</tr>
<tr>
<td>93036 - Oxnard</td>
<td>0</td>
<td>26</td>
<td>42</td>
<td>68</td>
<td>651</td>
<td>719</td>
<td>9.5%</td>
</tr>
<tr>
<td>93066 - Somis</td>
<td>0</td>
<td>&lt;5</td>
<td>&lt;5</td>
<td>34</td>
<td>37</td>
<td>71</td>
<td>8.1%</td>
</tr>
<tr>
<td>93015 - Fillmore</td>
<td>0</td>
<td>6</td>
<td>18</td>
<td>24</td>
<td>278</td>
<td>302</td>
<td>7.9%</td>
</tr>
<tr>
<td>93035 - Oxnard</td>
<td>0</td>
<td>5</td>
<td>15</td>
<td>20</td>
<td>300</td>
<td>320</td>
<td>6.3%</td>
</tr>
<tr>
<td>93041 – Port Hueneme</td>
<td>0</td>
<td>7</td>
<td>19</td>
<td>26</td>
<td>407</td>
<td>433</td>
<td>6.0%</td>
</tr>
<tr>
<td>93001 - Ventura</td>
<td>&lt;5</td>
<td>22</td>
<td>24</td>
<td>391</td>
<td>415</td>
<td>431</td>
<td>5.8%</td>
</tr>
<tr>
<td><strong>TOTAL Births</strong></td>
<td>&lt;5</td>
<td>184</td>
<td>477</td>
<td>665</td>
<td>9,766</td>
<td>10,431</td>
<td>6.4%</td>
</tr>
</tbody>
</table>

*Source: Automated Vital Statistics System.*
Percent of Total Births that Occur in Teens by City Regions, 2013

Source: Automated Vital Statistics System.
Consequences

- Infants more likely to be born at low birth weight
- Children are twice as likely to experience abuse and neglect
- Children have poorer educational, behavioral, and health outcomes over their lifespan

Public Health Institute estimates - $17M in direct cost and $74M in societal costs annually.

History of the Mother-Daughter Workshop
Why mother-daughter format?

TEENS SAY

- 46% parents influence sexual decisions
- 62% wish to talk more openly about relationships with their parents
- 80% delay sexual activity/avoid teen pregnancy if have more open, honest conversations with parents
- 63% teens and adults (62%)
  - the primary reason teens don’t use contraception is because they are afraid that their parents will find out

With One Voice, 2011
Mother Daughter Workshop Overview - Pre-Teen

- Workshop 1 (Moms)
  - Introduction
  - Moms pre-survey
  - Strategies for communication
  - Back to our adolescence
  - Communication Exercises
  - Workshop overview

- Workshop 1 (Daughters)
  - Introduction - ice breakers activities
  - Rules
  - Knowledge Pre-Survey

- Workshop 2 (Moms-Daughters)
  - How to take care of our bodies
  - Puberty body changes for female and male

- Workshop (Moms-Daughters)
  - Anatomy discussion: female body
  - Anatomy discussion: male body
  - Menstruation and pregnancy

- Workshop 4 (Moms-Daughters)
  - How to take care of our bodies: Feminine hygiene (pads, tampons, shaving, bra)

- Workshop 5 (Moms-Daughters)
  - Overview of sexually transmitted diseases (STD) and what type of protection is needed. Emphasis on HIV
  - How to protect yourself from STD and pregnancy (condom use)

- Workshop 6 (Moms-Daughters)
  - Overview of birth control methods
  - Overview of Human Papillomavirus (HPV); HPV vaccine
  - Overview of healthy relationships
  - Importance of taking care of yourself and goals
  - Daughters only: Knowledge Post-Survey and Evaluation
  - Mothers only: Communication Discussion, Post survey and evaluation
Short-term Objectives

- 80% of teens will increase or maintain their communication regarding sexual development and behavior with their mothers.
- 80% of teens will increase or maintain their knowledge regarding anatomy and health (i.e. periods, using tampons, hymen, etc.).
- 80% of teens will increase or maintain their knowledge regarding HIV/STD transmission.
Long-term Objectives

- 80% of teens will intend to have annual physical checkups.
- 80% of teens will intend to delay sexual activity until after high school. 50% of teens will follow through with delayed sexual activity until after high school.
- 95% of teens will graduate from high school (compared to 82.3% in the general population). 100% of them will graduate from high school without getting pregnant.
Evaluation: By the end of workshops

- 69.2% - felt comfortable discussing their beliefs with their mother without being embarrassed
- 90.0% - For the Mothers

VC PHD Survey Results from Teen Project Workshop Participants as compiled by Erin Slack, epidemiologist.
Evaluation: By the end of workshops

- 69.2% - felt comfortable discussing their body changes with their mother without being embarrassed
- 90.0% - For the Mothers

VC PHD Survey Results from Teen Project Workshop Participants as compiled by Erin Slack, epidemiologist.
Evaluation: By the end of workshops

- 76.9% - could talk to their mother if they had a problem.
- 70.0% - For the Mothers

VC PHD Survey Results from Teen Project Workshop Participants as compiled by Erin Slack, epidemiologist.
Evaluation: By the end of workshops

- 50.0% - had some communication with their mothers about sexuality
- 84.6% - had knowledge of proper hygiene while changing tampons, pads, etc
Evaluation: By the end of workshop

- 84.6% - sharing tattooing increases risk of getting HIV/AIDS
- 61.5% - teens indicated that they planned to get annual physicals
Evaluation: By the end of workshop

- 92.3% - did not plan to have sex before graduating high school
- 92.3% - teens indicated that they planned to go to college

VCHDP Survey Results from Teen Project Workshop Participants as compiled by Erin Slack, epidemiologist.
What pre teens learned.....

- “I learned that you have to protect yourself throughout your life.”

- “I learned new parts of the female’s body. I also learned how to use tampons the correct way and how to choose the right ones.”

- “Don’t do sex or drugs or drink”

- “I learned that you could get pregnant by having sex. I also learned that you could use condoms to prevent getting pregnant.”
Mothers learned

- “How to help and protect my daughter
- “I learned how to talk with my daughter about many topics that were very difficult for me to explain.”
- “I learned how to talk with my daughter about the puberty development and how to prevent from abusive partners. Thank you for this workshop that truly helped me a lot. When I was my daughter’s age I did not have counseling about the body development. It helped me to be prepared for the next stage in my daughter’s life”
Staff learned......

- Participation must be voluntary
- Target age should be lowered
- Both parent & teen must commit
- Parents important to success
- School support = program success
Adolescent Family Life Program (AFLP)

Maternal Child Adolescent Health (MCAH)
Purpose

- This program is designed to enhance the health, social, economic, and educational well-being of pregnant and parenting adolescents and their children in California.
Client Eligibility

- Pregnant and/or Parenting
- Female/male teens 18 years or less
- Male clients actively involved in caring for their child/children
- Until they reach their 19th birthday and have received 24 months of service
Services Provided

- Intensive case management services on a home visitation model
  - Low income
  - High risk teen population
  - Provide education
  - Counseling
  - Assist with Community Resources
Program Focus

- Assess situation/resource needs
- Prioritizing personal goals
- Staying/returning to school
- Positive pregnancy outcome
- Reducing repeat births
- Parenting skills
- Social/economic independence
- Building self esteem and self worth
- Healthy lifestyle
Contact Information

- Adolescent Family Life Program
  2240 E. Gonzales Rd. Suite 250
  Oxnard, Ca 93036

- 805 981-5177
- Nancy Ballard MA, LMFT
Coordination

- Discussion with MCAH Action Members
QUESTIONS????