Santa Maria (SM)
Confirmed Cases

Data as of May 27, 2020
The first cases of COVID-19 in Santa Barbara County were identified in North County.

Over the past several months, Santa Maria has seen elevated rates of COVID-19.

In order to better understand the situation in Santa Maria, the Santa Barbara County Public Health Department analyzed available data on confirmed cases.
Cumulative Case Rate
Active cases per 1 sq km
Cumulative Cases per 1 sq km
Data Overview

- Data source is cases who agreed to be interviewed

- Total Confirmed Cases with demographic data (excluding inmates): N = 344
  - Total Confirmed Cases with GIS Region Santa Maria (SM Cases): n=134
  - Total Confirmed Cases with Other GIS Region (Non-SM Cases): n=210
Race/Ethnicity of Cases
(SM Cases, n=134 vs Non-SM Cases, n=210)
Race/Ethnicity of SM Cases vs Population

- **Hispanic/Latino**: 90%
- **White, NH**: 4%
- **Asian, NH**: 0%
- **American Indian, Alaskan Native, NH**: 0%
- **African American/Black, NH**: 1%
- **Native Hawaiian or Pacific Islander, NH**: 0.7%
- **Multiracial, NH**: 0.7%

- **SM Cases** vs **SBC Population**
Age Comparison
(SM Cases, n=134 vs Non-SM Cases, n=210)

<table>
<thead>
<tr>
<th>Age Group</th>
<th>SM Cases (%)</th>
<th>Non-SM Cases (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-17</td>
<td>5%</td>
<td>4%</td>
</tr>
<tr>
<td>18-29</td>
<td>42%</td>
<td>29%</td>
</tr>
<tr>
<td>30-49</td>
<td>43%</td>
<td>76%</td>
</tr>
<tr>
<td>50-69</td>
<td>36%</td>
<td>75%</td>
</tr>
<tr>
<td>70+</td>
<td>10%</td>
<td>21%</td>
</tr>
</tbody>
</table>

SM Cases: Orange
Non-SM Cases: Blue

0-17, 18-29, 30-49, 50-69, 70+
Gender Comparison
(SM Cases, n=134 vs Non-SM Cases, n=210)

- Female: SM Cases 64 (48%), Non-SM Cases 90 (43%)
- Male: SM Cases 69 (51%), Non-SM Cases 119 (57%)
- Other: SM Cases 0.7%, Non-SM Cases 0.5%

Note: Counts are approximate due to rounding.
Primary Language Comparison
(SM Cases, n=134 vs Non-SM Cases, n=210)

- English: 49% (SM Cases) vs 73% (Non-SM Cases)
  - SM Cases: 66
  - Non-SM Cases: 153

- Spanish: 44% (SM Cases) vs 22% (Non-SM Cases)
  - SM Cases: 59
  - Non-SM Cases: 46

Other languages:

- Mixteco: 1% (SM Cases) vs 0.5% (Non-SM Cases)
- Other: 2% (SM Cases) vs 2% (Non-SM Cases)
- Refused: 1% (SM Cases) vs 2% (Non-SM Cases)
- Missing: 1% (SM Cases) vs 2% (Non-SM Cases)
Education Level Comparison
(SM Cases, n=134 vs Non-SM Cases, n=210)

<table>
<thead>
<tr>
<th>Education Level</th>
<th>SM Cases</th>
<th>Non-SM Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>No School/Kinder</td>
<td>4%</td>
<td>1%</td>
</tr>
<tr>
<td>Elementary (1-8)</td>
<td>21%</td>
<td>28%</td>
</tr>
<tr>
<td>Some High School (9-11)</td>
<td>13%</td>
<td>17%</td>
</tr>
<tr>
<td>High School Graduate or GED</td>
<td>21%</td>
<td>28%</td>
</tr>
<tr>
<td>Some college or technical (1-3 years)</td>
<td>27%</td>
<td>37%</td>
</tr>
<tr>
<td>College graduate (4+ years)</td>
<td>30%</td>
<td>36%</td>
</tr>
<tr>
<td>Graduate degree (Masters or doctorate)</td>
<td>18%</td>
<td>18%</td>
</tr>
<tr>
<td>Refused to answer</td>
<td>5%</td>
<td>7%</td>
</tr>
<tr>
<td>Missing</td>
<td>1%</td>
<td>3%</td>
</tr>
</tbody>
</table>

Note: The percentages for each category are represented in the chart with bars for SM Cases and Non-SM Cases.
Annual Household Income Comparison
(SM Cases, n=134 vs Non-SM Cases, n=210)
Household Size Comparison
(SM Cases, n=134 vs Non-SM Cases, n=210)
Occupation Comparison Part 1
(SM Cases, n=134 vs Non-SM Cases, n=210)
Occupation Comparison Part 2
(SM Cases, n=134 vs Non-SM Cases, n=210)
Additional Occupation Information

- The previous slides showed occupation data from cases, who agreed to be interviewed.
- Another source of data is from the Disease Control investigation staff who speak with nearly every case.
- The following two slides will present information collected by investigators.
### Additional Occupation Information

<table>
<thead>
<tr>
<th>Community Cases as of 6/11/20</th>
<th>County-wide</th>
<th>North County</th>
<th>Santa Maria/ Guadalupe/ Orcutt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Number of Agricultural Workers</td>
<td>142</td>
<td>139</td>
<td>131</td>
</tr>
<tr>
<td>Total Number of Cases ages 18-69</td>
<td>773</td>
<td>582</td>
<td>505</td>
</tr>
<tr>
<td>% of Agricultural Workers</td>
<td>18.4%</td>
<td>23.9%</td>
<td>25.9%</td>
</tr>
</tbody>
</table>
Key Data Findings for Santa Maria Cases

- Insurance coverage: 73% yes & 24% no
- Heard about COVID 19: 87% from TV news
- Knowledge about COVID 19: 27% somewhat; 34% moderate
  20% Extremely knowledgeable
- Knowledge of handwashing: 92% understood
- Knowledge of social distancing: 70% understood
- Able to practice social distancing at home: 72% yes & 24% no
- Able to practice Social distancing at work: 52% yes & 21% no
Findings

- Latinos/Hispanics in Santa Maria represent a disproportionately higher number of cases compared to their representation in Santa Barbara County population and in comparison to Non-SM Cases.

- When compared to Non-SM Cases, SM Cases:
  - have a higher percentage of household size between 4 and 7 individuals
  - have more cases who were uninsured and less cases with private insurance
  - are more likely to understand and practice social distancing at home and work
Next Steps

- Partnership to increase health insurance coverage and access to health care
- Partnership to increase preventive messaging
- Partnership with employers on preventive measures
- Engage Santa Maria community in strategies to decrease spread of disease
Thanks to the Epi Unit!

Stefany Olague
Tina Javanbakht
Joy Kane
Michelle Wehmer

STRONGER
TOGETHER.
SAFELY APART.