Nevada Improvements in Quality and Practices

Liliana Wilbert, MPH and Karen Felicetta

NSSP Grantee Meeting 5/17/2016

dpbh.nv.gov

Office of Public Health Informatics & Epidemiology (OPHIE)
Nevada National Ranking & Facts

• National Ranking:
  – Population: 35th (2010 Census)
  – Area: 7th (87% is federally controlled)

• Facts:
  – Earliest inhabitants, beginning about 12,400 years ago, marked by many petroglyphs and archaeological sites.
  – First settlements were established in 1851.
  – An Act of Congress created the Territory of Nevada on March 2, 1861.

Nevada Improvements

Progress towards logic model and work plan outcomes for project period (Year 1):

– Activity outcomes above original measures:

<table>
<thead>
<tr>
<th>Core Area</th>
<th>Activities</th>
<th>Measure</th>
<th>Outcome</th>
<th>Above Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improve representativeness of data.</td>
<td>Identify, recruit, and onboard hospitals, Health Information Exchanges (HIEs), and aggregator services to the syndromic surveillance platform.</td>
<td>4</td>
<td>7</td>
<td>57%</td>
</tr>
</tbody>
</table>
Nevada Improvements

Progress towards logic model and work plan outcomes for project period (Year 1):

– Activity outcomes above original measures:

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<tr>
<td>Improve representativeness of data.</td>
<td>Recruit minimum of five eligible urgent care facilities.</td>
<td>5</td>
<td>10</td>
<td>50%</td>
</tr>
</tbody>
</table>
Nevada Improvements

- Activity outcomes above original measures:

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<td>Improve data quality, timeliness</td>
<td>Conduct daily data assessments for required elements and reporting</td>
<td>Development of a daily reporting timeliness report.</td>
<td>Met: Syndromic Epidemiologist developed a daily timeliness report.</td>
<td>Yes</td>
</tr>
<tr>
<td>and utility.</td>
<td>timeliness and report findings to the CDC and local health authorities.</td>
<td></td>
<td>* Onboarding coordinator increased data elements and</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>frequency of submissions from existing and newly onboarded</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>facilities.</td>
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Most activities met an average of 5 months before deadline!

Number of activities completed and met before deadline: 13 of 21 (62%)!
Nevada Improvements

Files Processed

Month of March

- 2015
- 2016
Nevada Improvements

Syndromic Surveillance Data
• Over The Counter Medication Sales
  – National Retail Data Monitor (NRDM)
  – Aberrations
• Rural County Health Profile
  – Behavioral Health Snapshot
• Cholera in NV?? Corroborate
  – Alert ➔ investigation ➔ typos in records
• Drug use in Southern Nevada - IP
  – CC based situational awareness for drug intoxication

Photo sources: Graph - RODS Laboratory, University of Pittsburg / Map - Geology.com / Vibrio Cholerae – University of Wisconsin
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• Projects on the horizon
  – Suicide Prevention/Intervention
    • CC based situational awareness
    • Search terms: “suicide” and “suicide attempt”
    • Frequencies by facilities & age groups
  – Rx Opioids in Northern Nevada
    • CC based situational awareness
    • Search terms: “oxy,” “oxycodone,” “opioid,” “heroin,” and “heroine”
    • Frequencies by facilities, age groups, & map by patient zip
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Thank you!

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Questions?