Chronic Wasting Disease
Surveillance and Data

Hank Edwards – Wyoming Game and Fish Wildlife Health Laboratory
Requests from the Committee

- Distribution of CWD positive deer/elk within the State
- Sampling distribution within hunt areas/herd units
- Prevalence map showing 5% and 10% prevalence
- Examples of current CWD data
2018 Wyoming CWD Surveillance: All Species - Positive

Positive Elk
Positive Mule Deer
Positive White-tailed Deer
2018 CWD Positive and Negative Mule Deer (MD) and White-tailed Deer (WTD) in Hunt Area 164

Legend:
- ▲ Positive WTD
- ■ Positive MD
- ▼ Negative WTD
- □ Negative MD
- _______ Hunt Area 164

Wyoming Game and Fish Department
Wildlife Health Lab
2018 CWD Positive and Negative Mule Deer (MD) and White-tailed Deer (WTD) in the Baggs Herd Unit
Chronic Wasting Disease (CWD) Prevalence in Hunter Harvested Adult Buck Mule Deer by Herd Unit 2014-2018

*Chronic wasting disease prevalence and distribution is likely under represented or over represented due to small sample size in many areas.
Chronic Wasting Disease (CWD) Prevalence in Hunter Harvested Adult Elk by Herd Unit 2014-2018

*Chronic wasting disease prevalence and distribution is likely under represented or over represented due to small sample size in many areas.*
<table>
<thead>
<tr>
<th>Herd Unit</th>
<th>Age/Sex/Species</th>
<th>Tested</th>
<th># Pos</th>
<th>Prev</th>
<th>1997-2013 Total Samples</th>
<th>2014-18 Total Samples</th>
<th>2014-18 95% Confidence</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>North Bighorn</td>
<td>MD - All ages/both sex</td>
<td>1289</td>
<td>6</td>
<td>0.5%</td>
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<tr>
<td>Goshen Rim</td>
<td>MD - All ages/both sex</td>
<td>812</td>
<td>87</td>
<td>10.7%</td>
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<tr>
<td>Baggs</td>
<td>MD - All ages/both sex</td>
<td>2460</td>
<td>12</td>
<td>0.5%</td>
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<tr>
<td>Bighorn Basin</td>
<td>WTD - All ages/both sex</td>
<td>1200</td>
<td>29</td>
<td>2.4%</td>
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<tr>
<td>Sierra Madre</td>
<td>Elk - All ages/both sex</td>
<td>753</td>
<td>1</td>
<td>0.1%</td>
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<tr>
<td>Iron Mtn</td>
<td>Elk - All ages/both sex</td>
<td>619</td>
<td>47</td>
<td>7.6%</td>
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<tr>
<td>Lara Peak/Mud</td>
<td>Elk - All ages/both sex</td>
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<td>70</td>
<td>4.7%</td>
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<td>Jackson</td>
<td>Elk - All ages/both sex</td>
<td>2647</td>
<td>0</td>
<td>0.0%</td>
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</tbody>
</table>
Questions