Taming the Beast: Summing Vulnerability Data

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Criteria for Indicator Scorecard

- The Hanlon Method+ Prioritization matrix: Baseline data available. (NACCHO)
- **A. Burden**: Size of population exposed/affected: High(4-5), Med(2-3), Low(0-1)
- **B. Urgency**: reflecting the need to act soon and not later: within 5 yrs-High(4-5), 10 yrs-Med(2-3), 25 years-Low(0-1)
- **C. Vulnerabilities**: Env/ pop/geo distribution: High(4-5), Med(2-3), Low(0-1)
- **D. Strength of evidence**: level of precision in estimation of health risks associated with climate change, data completion/gaps: Strong(3), Moderate(2), Research needed (1)
- **Score**: A+2B+2C+0.5D
<table>
<thead>
<tr>
<th>Health Impact</th>
<th>Burden A</th>
<th>Vulnerability B</th>
<th>Urgency C</th>
<th>Strength of evidence D</th>
<th>Score A+2B+2C+0.5 D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat related deaths and illnesses</td>
<td>High (4)</td>
<td>High (5) Young adults Athletes Farm workers</td>
<td>High (5) Potential to save lives and improve ph</td>
<td>Strong (3)</td>
<td>25.5</td>
</tr>
<tr>
<td>Air quality – Asthma, Respiratory and cardiovascular</td>
<td>High (5)</td>
<td>High (5) Children (NC asthma rates higher than national) Elderly</td>
<td>High (5) Potential to save lives and improve ph</td>
<td>Strong (3)</td>
<td>26.5</td>
</tr>
<tr>
<td>Hurricane/tropical storms: Deaths and injuries</td>
<td>High (4)</td>
<td>Coastal+Piedmont +Mountains: High (4)</td>
<td>Medium (3)</td>
<td>Moderate (2)</td>
<td>Coastal: 19 Piedmont: 19 Mountains: 19</td>
</tr>
</tbody>
</table>
Data Prioritization

- Air quality – Asthma, Respiratory, & Cardiovascular (26.5)
- Heat-related deaths & injuries (25.5)
- Thunderstorm deaths & injuries (22 for mountains)
- Mental health (21)
- Hurricane & tropical storms deaths & injuries (19 for all regions)
Thanks, especially to Gayatri Ankem, Chris Fuhrmann, Ryan Boyles, Adrienne Wooten, and the Climate-Related Health Advisory Group!

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*Protecting Vulnerable Populations in a Changing Climate*
*TODAY 3:15 pm Session D*

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