

## Measuring Impact of the CPRN - Session Handout

Table 1: CDC science beyond citations – Examples of key indicators\*

<b>Degree of Impact</b>	<b>Potential Measureable Indicators</b>
<b>Disseminating Science</b>	<ul style="list-style-type: none"> <li>• Scientific publications (open access journals)</li> <li>• Trade publications</li> <li>• Professional meetings/conferences</li> <li>• General communication (social media, web, print)</li> <li>• Presentations</li> <li>• Training, coursework</li> <li>• Other scientific output (e.g., CDC Public Health Grand Rounds, Vital Signs, Science Clips)</li> </ul>
<b>Creating Awareness</b>	<ul style="list-style-type: none"> <li>• Continuing Education (CME, CEU)</li> <li>• Awards</li> <li>• Stakeholder resources, curriculum, training</li> <li>• Feedback (Survey, focus groups, anecdote)</li> <li>• Information sharing and communications among professional societies</li> <li>• Electronic communications (information shared on listservs and other electronic resources, social media, news coverage)</li> <li>• Queries</li> <li>• Requests to contribute to efforts that further the science output</li> </ul>
<b>Catalyzing Action</b>	<ul style="list-style-type: none"> <li>• Technology creation</li> <li>• New funding (pilots/research)</li> <li>• Advocacy groups/NGOs</li> <li>• Congressional hearings</li> <li>• Partnerships and collaborations</li> <li>• Research &amp; Development</li> <li>• Office practice/point of care changes</li> </ul>
<b>Effecting Change</b>	<ul style="list-style-type: none"> <li>• Building public health capacity (e.g., workforce development, funded research, improved staff competency)</li> <li>• Creation of registries/surveillance</li> <li>• Legal/policy changes</li> <li>• Accreditation</li> <li>• Cultural/social change</li> <li>• Behavioral change</li> <li>• Economic change                             <ul style="list-style-type: none"> <li>• CMS reimbursement</li> <li>• Other payer actions</li> </ul> </li> <li>• Change instilled                             <ul style="list-style-type: none"> <li>• (New) formal guidelines and recommendations (e.g., WHO)</li> <li>• Hospital standards</li> </ul> </li> <li>• Funding</li> <li>• Anecdotes/case studies</li> <li>• Sustainable and scalable science translation</li> </ul>
<b>Shaping the Future</b>	<ul style="list-style-type: none"> <li>• New hypotheses/Continuous Quality Improvement</li> <li>• Implementation of public health programs/initiatives</li> <li>• Health outcomes**                             <ul style="list-style-type: none"> <li>• Prevalence and incidence</li> <li>• Morbidity and mortality (e.g., frequency of outbreaks, trends)</li> <li>• Life expectancy</li> <li>• Quality of Life improvements</li> </ul> </li> <li>• Reductions in economic burden</li> </ul>

\*The degree of impact is not necessarily a progression; therefore, events captured may not be reflected at every domain

\*\* Health outcomes is the ultimate goal - driven by the 5 domains of impact