Action on Health and Climate Change that Counts

RACP Congress 2018
Sydney, Australia

Dr Nick Watts | Executive Director
@LancetCountdown
Action on Health and Climate Change that Counts

RACP Congress 2018
Sydney, Australia

Dr Nick Watts | Executive Director
@LancetCountdown
Lancet Countdown Partners
## Indicators of Progress

<table>
<thead>
<tr>
<th>Thematic Group</th>
<th>Indicators</th>
</tr>
</thead>
</table>
| 1. Climate Change Impacts, Exposures and Vulnerability | 1.1. Health effects of temperature change  
1.2. Health effects of heatwaves  
1.3. Change in labour capacity  
1.4. Lethality of weather-related disasters  
1.5. Global health trends in climate-sensitive diseases  
1.6. Climate-sensitive infectious diseases  
1.7. Food security and undernutrition  
1.7.1. Vulnerability to undernutrition  
1.7.2. Marine primary productivity  
1.8. Migration and population displacement |
| 2. Adaptation Planning and Resilience for Health | 2.1. National adaptation plans for health  
2.2. City-level climate change risk assessments  
2.3. Detection, preparedness, and response to health emergencies  
2.4. Climate information services for health  
2.5. National assessment of vulnerability, impacts and adaptation for health  
2.6. Climate-resilient health infrastructure |
| 3. Mitigation Actions and Health Co-Benefits | 3.1. Carbon intensity of the energy system  
3.2. Coal phase-out  
3.3. Zero-carbon emission electricity  
3.4. Access to clean energy  
3.5. Exposure to ambient air pollution  
3.5.1. Exposure to air pollution in cities  
3.5.2. Sectoral contributions to air pollution  
3.5.3. Premature mortality from ambient air pollution by sector  
3.6. Clean fuel use for transport  
3.7. Sustainable travel infrastructure and uptake  
3.8. Ruminant meat for human consumption  
3.9. Healthcare sector emissions |
## Indicators of Progress

<table>
<thead>
<tr>
<th>4. Economics and Finance</th>
<th>4.1. Investments in zero-carbon energy and energy efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4.2. Investment in coal capacity</td>
</tr>
<tr>
<td></td>
<td>4.3. Funds divested from fossil fuels</td>
</tr>
<tr>
<td></td>
<td>4.4. Economic losses due to climate-related extreme events</td>
</tr>
<tr>
<td></td>
<td>4.5. Employment in low-carbon and high-carbon industries</td>
</tr>
<tr>
<td></td>
<td>4.6. Fossil fuel subsidies</td>
</tr>
<tr>
<td></td>
<td>4.7. Coverage and strength of carbon pricing</td>
</tr>
<tr>
<td></td>
<td>4.8. Use of carbon pricing revenues</td>
</tr>
<tr>
<td></td>
<td>4.9. Spending on adaptation for health and health-related activities</td>
</tr>
<tr>
<td></td>
<td>4.10. Health adaptation funding from global climate financing mechanisms</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5. Public and Political Engagement</th>
<th>5.1. Media coverage of health and climate change</th>
<th>5.1.1. Global newspaper reporting on health and climate change</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5.1.2. In-depth analysis of newspaper coverage on health and climate change</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5.2. Health and climate change in scientific journals</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5.3. Health and climate change in the United Nations General Assembly</td>
<td></td>
</tr>
</tbody>
</table>
Counting Health and Climate Change:

- Interacts with almost all of the environmental and social determinants of health
- Attribution to climate change is complex
- Attribution to health outcome is even more challenging
- Climate change indicators must move across temporal and geographical scales
- Inherently global drivers, with interest in local outcomes

Counting in Small Island Developing States:

1. Limited resources available to support National Statistical Offices
2. Technical complexities in Small Island Developing States
3. There’s a serious lack of data available
4. Producing timely, policy-relevant information is costly
5. We’re not very good at communicating
New Capacity for Health and Climate

World Health Organization

Wellcome

Nordic Development Fund
New Data for Health and Climate

New data sources

- UN Sustainable Development Goals’ Indicators
- Sendai Framework for Disaster Risk Reduction Annual Codex
- UN Framework Convention on Climate Change’s Global Stocktaking Process
Communicating Climate Impact & Action

The New York Times
Climate Change Is Bad for Your Health

By Jeff Nesbit  Oct 30, 2017

Horrible Histories Halloween

Daily Mail
Kevin Spacey
Another Hollywood darling accused of being a predator. And once again, everyone knew

Catherine McKenna  @cathmckenna
Mark Ruffalo  @markruffalo
Patricia Espinosa  @C40cities

43 towns and cities Blamed by experts
Pollution causes brood safety limits 3 million sick days
Rush to diesel is
TOXIC AIR KILLS 40,000 A YEAR
TRACKING THE CONNECTIONS BETWEEN PUBLIC HEALTH AND CLIMATE CHANGE
Thank You

Dr Nick Watts
Executive Director

www.lancetcountdown.org
@LancetCountdown