Capturing Stories and Demonstrating Impact in the field of Evidence-informed Public Health

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National Collaborating Centres for Public Health
Centres de collaboration nationale en santé publique

NCCPH.CA
Our Vision

All Canadians achieve their optimal health and well-being.

We support this by working collaboratively with the public health workforce in Canada to develop the knowledge, skill and capacity to implement the most effective and cost-efficient programs and services.
Aims

- Capture tangible ‘proof’ of progress towards our vision
- Develop new indicators of success
  - Enhance ‘counting’ indicators
- Weave together stories of evidence-informed decision making (EIDM) in public health
- Demonstrate impact of the NCCMT
  - Working collaboratively with the public health workforce
  - Supporting knowledge, skill and capacity development
Methods

• Identify suitable software
• Thematic analysis of 1 year of data
  – Development of new impact indicators
• Customize platform
• Develop data management process
  – Entry, quality assurance, analysis
• Explore relationships
Data Table Relationships

- **Contacts & Organizations**
  - Members of the public health community that engage with NCCMT

- **Activities**
  - NCCMT services, e.g., workshops, webinars

- **Resources**
  - NCCMT products, e.g., learning modules, tools

- **Impacts**
  - Examples of EIDM in practice
Results

• Easily quantify and summarize activities and impacts
• Able to track activities and impacts in a systematic way
• Capture/track smaller requests that were previously missed
• Relational data tables enable aggregate info on reach, engagement & impact
Examples: Aggregating Reach & Engagement

- Reached 209 acting Medical Officers of Health (MOH) from all provinces & territories
- Highly engaged organizations (>100 contacts attended NCCMT activities, e.g., webinars; workshops):
  - Alberta Health Services: 325
  - Hamilton Public Health: 200
  - Public Health Agency of Canada: 152
  - Region of Peel (Public Health): 137
  - Nova Scotia Health Authority: 109

- Connected with 343 Federal government contacts from 10 provinces and one territory
- Guest lecture x 6 MPH programs
- Invitation: MPH accreditation panel
- NCCMT resources in curricula
- Post-secondary outreach
<table>
<thead>
<tr>
<th>Impact</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acknowledgement</td>
<td>10</td>
</tr>
<tr>
<td>Resource request</td>
<td>11</td>
</tr>
<tr>
<td>Adapted resource</td>
<td>8</td>
</tr>
<tr>
<td>Use in education</td>
<td>17</td>
</tr>
<tr>
<td>Use in practice</td>
<td>18</td>
</tr>
<tr>
<td>EIDM culture shift</td>
<td>5</td>
</tr>
<tr>
<td>Other (e.g., making connections)</td>
<td>7</td>
</tr>
</tbody>
</table>

Examples of public health organizations formally integrating EIDM products and resources into their planning process.

Requests to modify, adapt, or translate materials.

Examples of unsolicited endorsement of NCCMT resources and services.

Existing users’ recommend to new audiences.

Examples of EIDM resources integrated into health related post-secondary curriculums.

Examples of EIDM resources integrated into Evidence-Based Nursing textbook.

Reference in keynote address (FUSE 2018).

EIDM Model (adapt to integrate into Results Based Accountability).

Health Evidence™ Quality Assessment Tool (Spanish).

Rapid Review Guidebook (Portuguese).

EIDM training budget.

Internal journal clubs.

EIDM part of strategic plans.

Inclusion in Evidence-Based Nursing textbook.

Master Public Health.

Bachelor Enviro. Health.

Nursing.

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Existing users’ recommend to new audiences.
Limitations

• Balance between resource efficiencies and comprehensiveness of data set
• Data quality
• Hardware/software limitations
• Privacy
Thank you!

For more information
visit nccmt.ca or
contact nccmt@mcmaster.ca