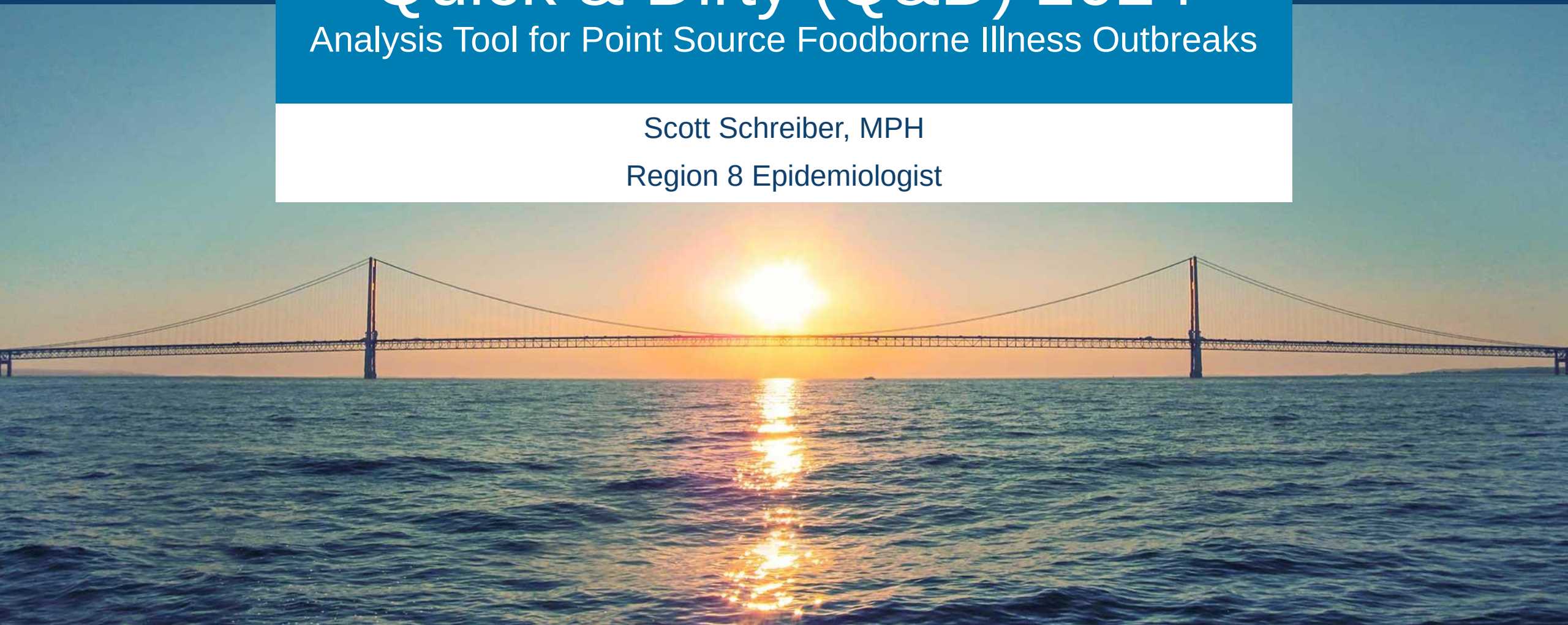
MDHHS
Michigan Department of Health & Human Services

Quick & Dirty (Q&D) 2024

Analysis Tool for Point Source Foodborne Illness Outbreaks

Scott Schreiber, MPH

Region 8 Epidemiologist



Q&D – When Used and Why?

- Outbreak associated with a particular meal (e.g. wedding).
  - Both ill and well attendees interviewed.
    - Illness details (onset, symptoms, duration) and foods consumed.
  - Advanced statistics used to identify any foods associated with illness.
  - Q&D also provides additional statistics relevant to NORS form.
- Automated as much as possible.
- Results are part of 3-pronged approach.
  - Epidemiology
  - Environmental Health
  - Laboratory

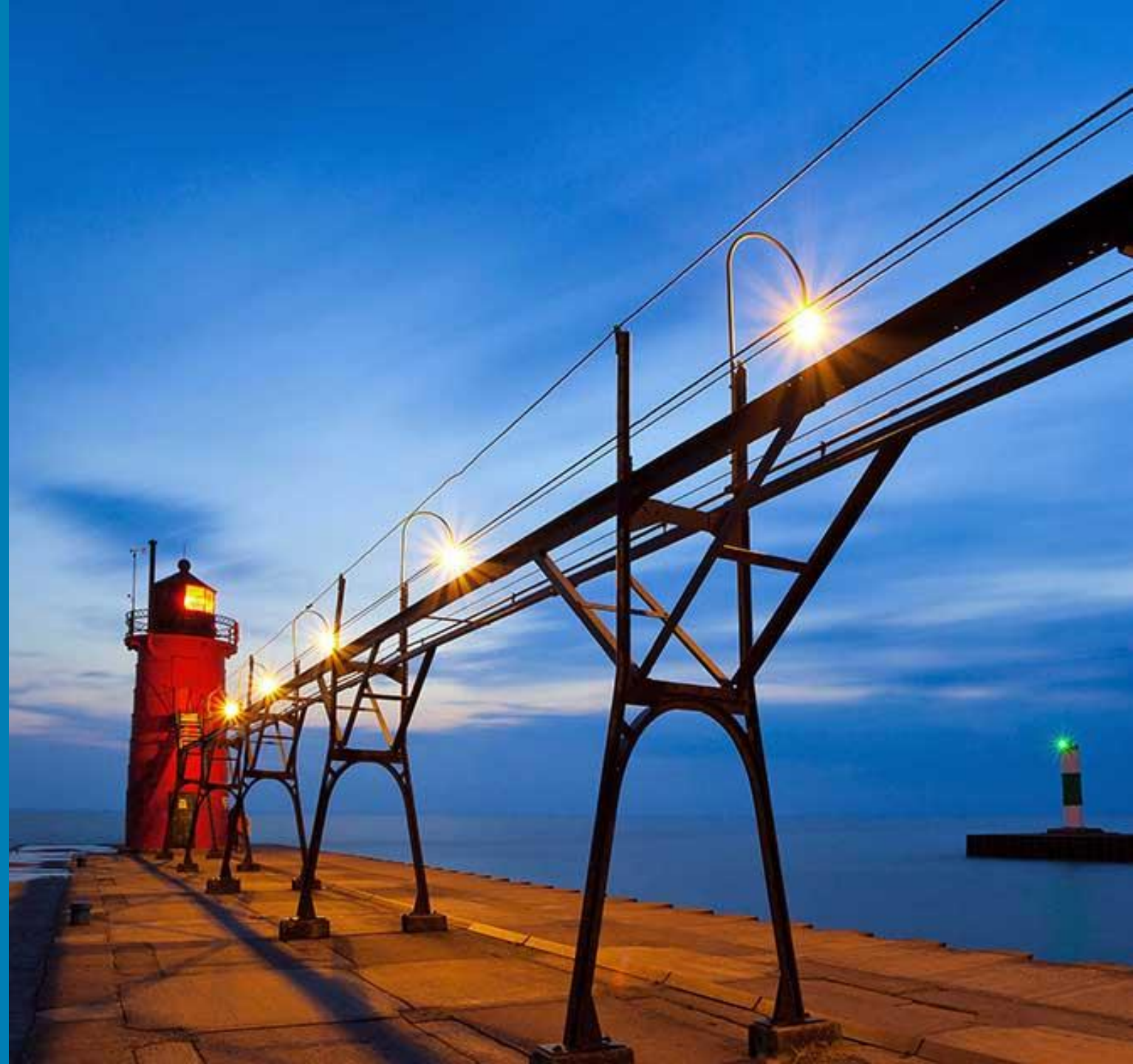
History of Q&D

- Originally developed by MDCH staff in 2003, working as a module within Epi Info 2000.
- Revised by regional epidemiologists in 2012 to work with the new Epi Info.
- Rebuilt for Excel by regional epidemiologists in late 2024 following an announcement that Epi Info would be phased out in 2025.

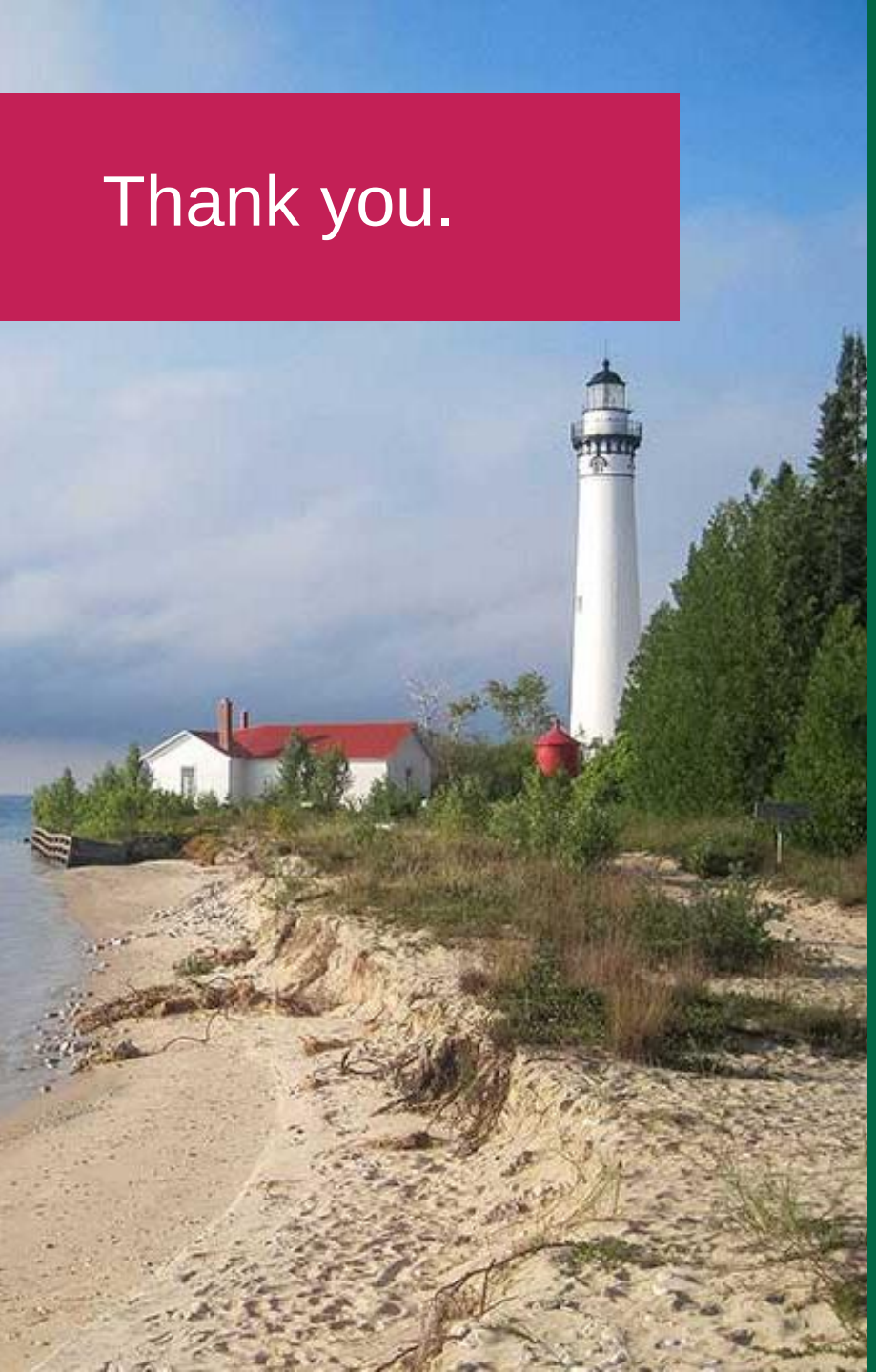
Live Demo

Q&D Link

MDHHS
Michigan Department of Health & Human Services



Thank you.



- Contact your Regional Epidemiologist for a copy of the template or assistance with analysis interpretation.

- Scott Schreiber, Region 8 Epidemiologist schreibers@michigan.gov