Title: Using Data Effectively for Public Health

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Course Objectives:

1) Understanding IRBs in public health work
   - Why IRB may be required
   - Where to go to find IRB process
   - What is the norm for public health practice for IRBs

2) How data moves in public health.
   - Who collects it.
   - Legal authority to collect it. (HIPAA PH exceptions and allowances)
   - When it can be shared.
   - Restrictions on public sharing of data (cell size masking, etc.).

3) Data sources commonly used in public health.
   - US Census
   - CDC Wonder
   - Cancer registries
   - Notifiable conditions/lab reports
   - Syndromic surveillance
     Environmental Public Health Tracking (explain how environmental health and population human health databases are not usually linked and how this creates issues).

4) Public health data partners/resources in Indiana/US, groups where to present data
   - CSTE
   - NACCHO
   - CDC
   - APHL
   - NEHA
   - Polis
   - IBRC
Indyindicators, Indianaindicators
IPHA
IRHA
IDOH infectious diseases summit

Examples of public health data put into action.

How the data were collected and used for change.

Communicating public health data to the public versus other colleagues

Misinformation in public health and how to combat it