

Office of Disease Surveillance

NRS 441A.160 Investigation: Powers of health authority to conduct investigation of communicable disease; order to require person to submit to examination; order of isolation, quarantine or treatment.

A health authority who knows, suspects or is informed of the existence within the jurisdiction of the health authority of any communicable disease shall immediately investigate the matter and all circumstances connected with it, and shall take such measures for the prevention, suppression and control of the disease as are required by the regulations of the Board or a local board of health.

How do we Collect Disease Data?





Reporting



Providers

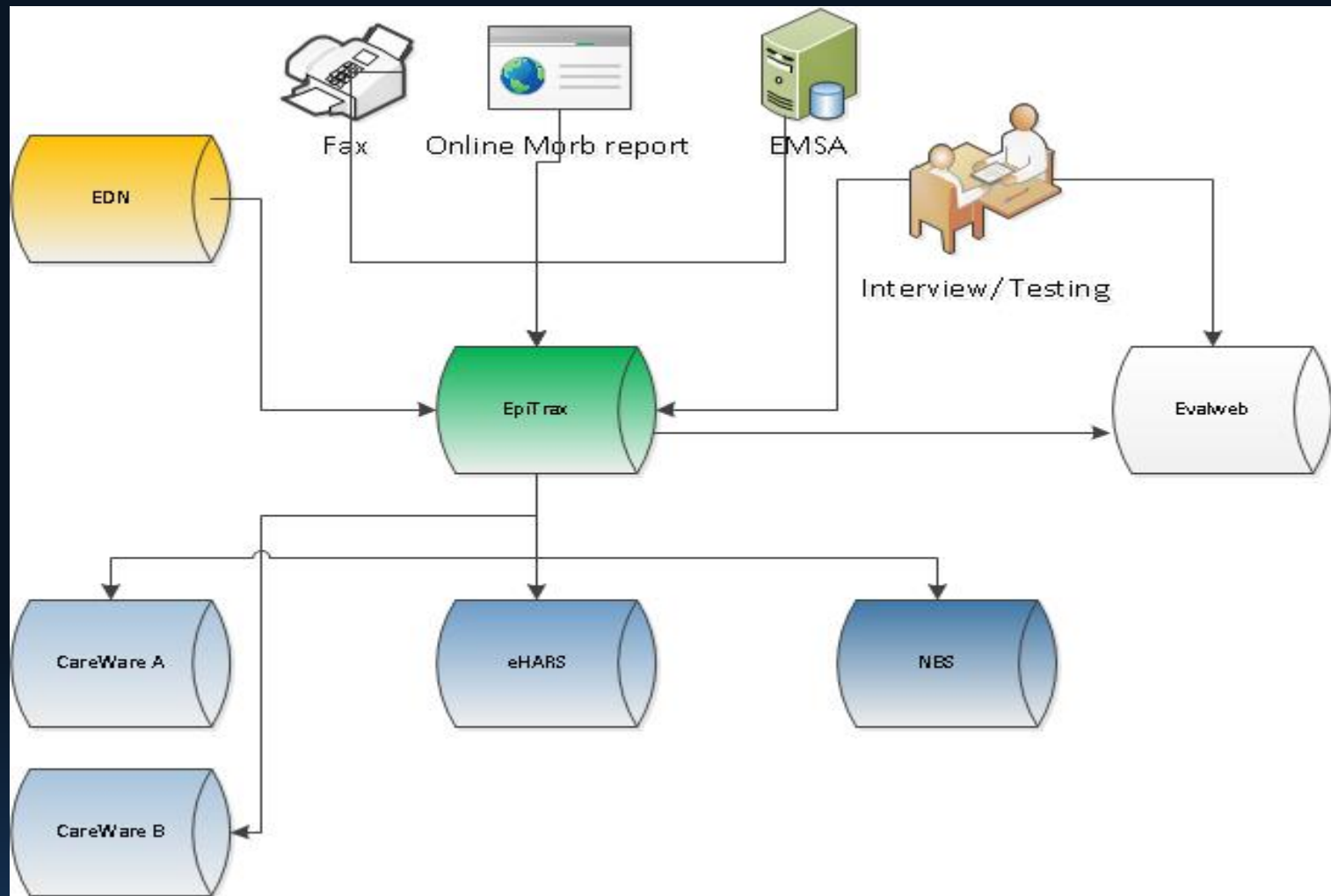
- **Online Morbidity Report Form**
- Fax
- Phone


Laboratories

- **ELR-Electronic Laboratory Reporting**
- Fax
- Phone

Pharmacies

- TB Drug Dispensing Report





Protecting the health of Clark County residents and visitors



Investigation

- Disease Investigation Intervention Specialists
 - Field work
 - Phone calls
 - Special Sites
- Interviews
 - Index Patient
 - Contacts or Partners
 - Clusters (associates or social contacts)
- Record Searches
- Medical Chart Reviews

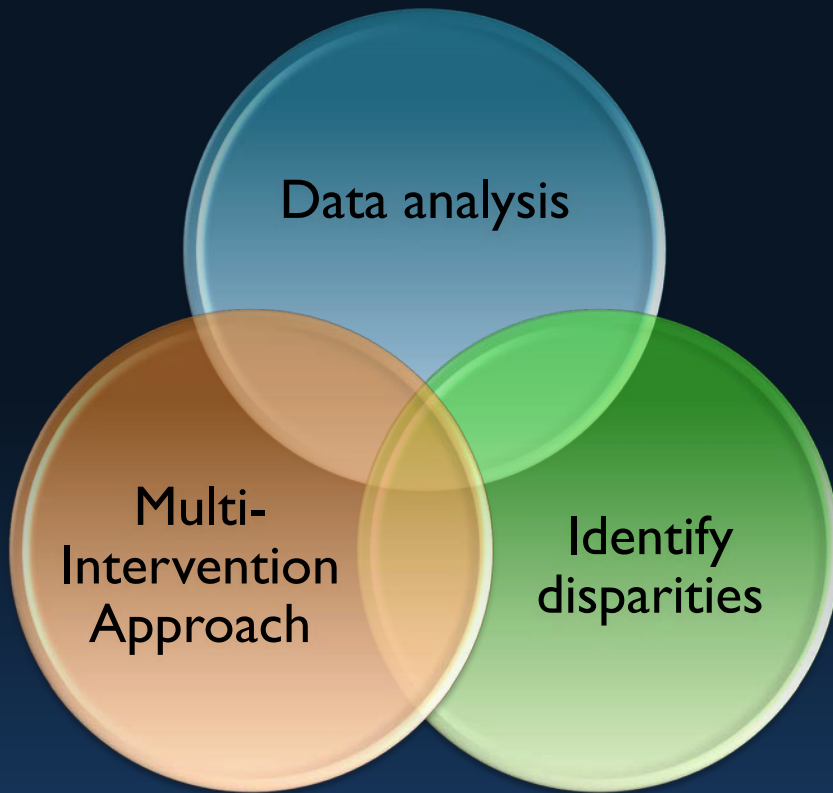


Data Collected from Reports and Investigation

- **Who** is being diagnosed in our community?
- **Where** in Clark County?
- **What** are the common variables?
- **How** are people getting infected? Mode of transmission?
- What interventions work best for these specific populations??

Why do we collect Data?

Enhanced Surveillance & Data Interpretation



Community Partnerships & Collaborative Efforts



2015 DATA

Early Syphilis: 710

- 2015 Overall rate per 100k pop: 34.3
- 2015 Male rate: 60.4
- 2015 Female rate: 8.0
- Overall rate more than doubled from 2011 (14.8 per 100k pop)
- Group most at risk: MSM 18-34 yrs old and 45-54 yrs old

HIV: 430

- 2015 Overall rate per 100k pop: 20.8
- 2015 Male rate: 35.8
- 2015 Female rate: 5.6
- Overall rate more increased 17% from 2011 (17.8 per 100k pop)
- Group most at risk: MSM 18-54 yrs

Gonorrhea: 2996

- 2015 Overall rate per 100k pop: 144.7
- 2015 Male rate: 178.1
- 2015 Female rate: 110.2
- Overall rate increased 61.5% from 2011 (89.6 per 100k pop)
- Group most at risk: 15-39 yrs old

Chlamydia: 10,094

- 2015 Overall rate per 100k pop: 487.6
- 2015 Male rate: 303.2
- 2015 Female rate: 671.5
- Overall rate increased 9% from 2011 (448.1 per 100k pop)
- Group most at risk: females have higher rates than males but all sexes 15-54 yrs old

Strategies & Interventions

- New Staff
- Targeted Outreaches
- High Impact Prevention
- Internet Partner Services
- Testing in no-traditional sites
- Partnering with CBO's (Increase Communities ability to screen for HIV)
- Testing Teams
- Enhance Partner Services
- GC Rectal / Pharyngeal testing (Self Collected)
- Mobile Testing
- Pharmacy (PrEP /PeP)

