

Surveillance and Data Management Branch (SDMB)

AAPPS Opportunities

AAPPS Grantee Meeting
June 12, 2014
Atlanta, GA

Main areas of focus

- ❑ **Surveillance of STDs**
 - Notifiable disease surveillance
 - Sentinel surveillance
 - Population based surveys
 - Large **administrative/claims** databases
- ❑ **Data Management**
 - Supports surveillance activities
 - Supports other projects in Division
 - Dissemination products
 - Responds to public and CDC requests for data
- ❑ **Informatics**
 - Message mapping guide development
 - Development of data repository
 - Support for STD-MIS
 - Support for integrated systems
 - Clinical decision support

Surveillance for STD Morbidity in the U.S.

- Major Components -

- ❑ **Case Reporting (Notifiable disease surveillance)**
 - CT, GC, and Syphilis

- ❑ **Sentinel surveillance**
 - Gonococcal Isolate Surveillance Program (GISP)
 - STD Surveillance Network (SSuN)

- ❑ **Population-based surveys**
 - National Health and Nutrition Examination Survey (NHANES)

- ❑ **Administrative and claims databases**

CDC Surveillance Strategy: NNDSS Modernization Initiative

- ❑ **Development of message mapping guides**
 - STD and congenital syphilis

- ❑ **Development of CDC Platform**
 - Collaborating with Center to build STD data repository

- ❑ **Implementation of message mapping guides in about 10 states**

ELR/EHR & Meaningful Use

Case Notification & Data Provisioning

Providers/Labs
& Facilities

State/Local HD
Surveillance Systems

CDC Centers/Divisions

HL7 2.5
Paper,
Other

NETSS,
NEDSS xml
HL7 (?)

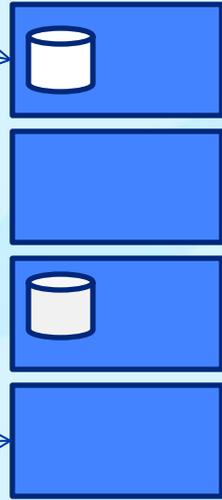
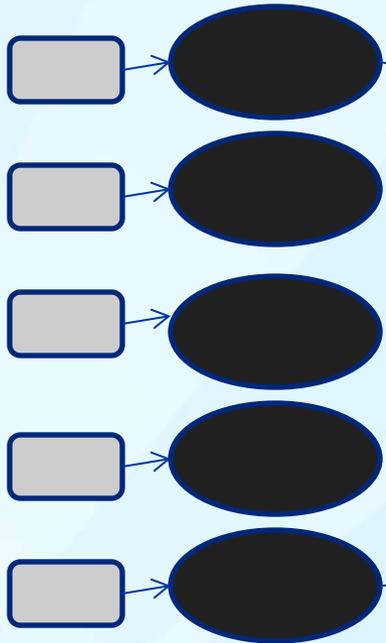
CSELS

SQL

State ELR
Message Brokers

TBD

Regional HIE

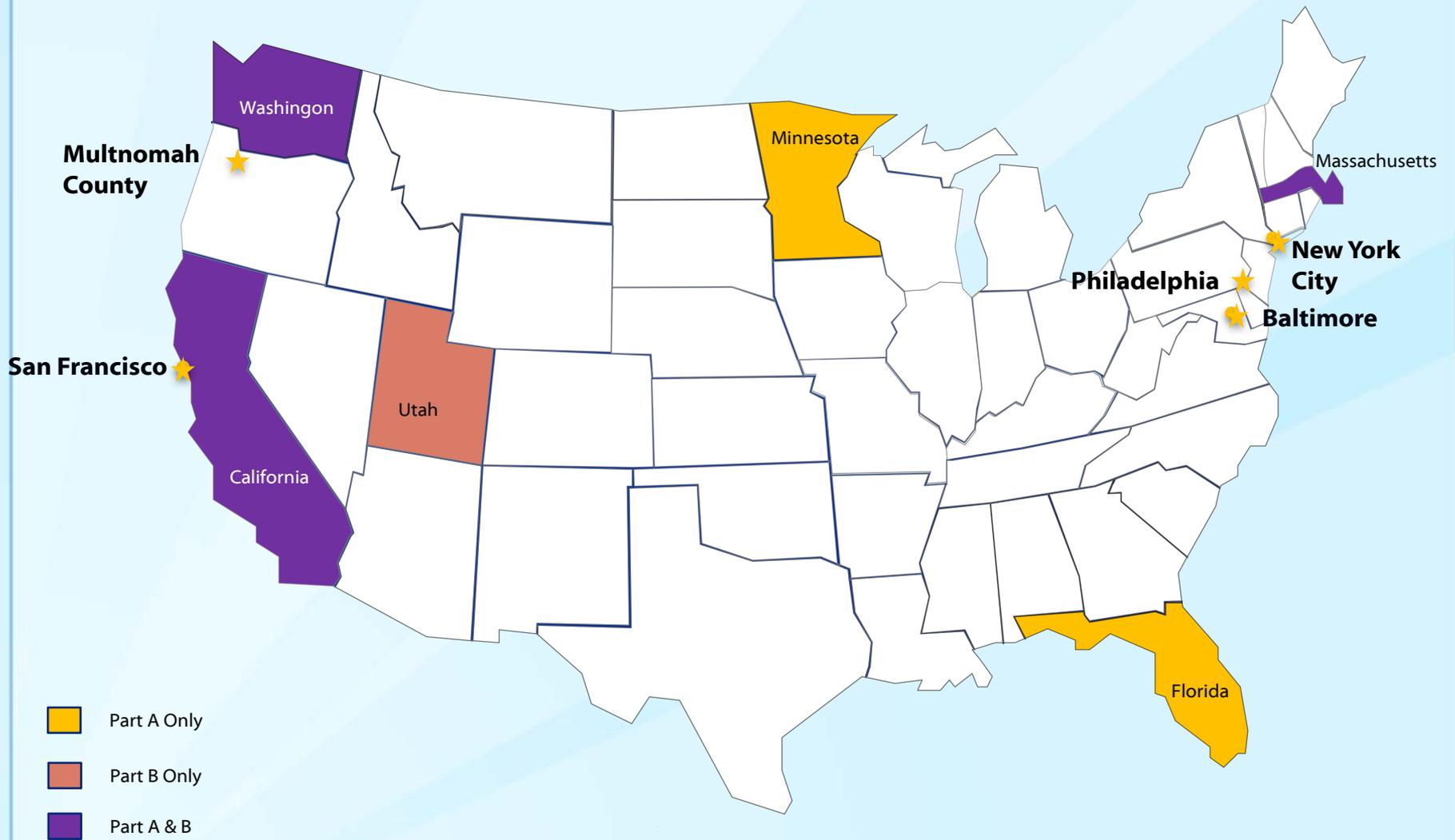


Location of Participating Sentinel Sites and Regional Laboratories, Gonococcal Isolate Surveillance Project (GISP), United States, 2012



*NOTE: Austin is a regional laboratory only.

STD Surveillance Network Cycle III (SSuN), 2013 – 2018



SSuN Cycle III

□ Part A -- 10 sites

- Sentinel surveillance in key facilities (include STD, FP/RH)
- Enhanced case-based surveillance (GC cases)

□ Part B -- 4 sites

- Proposed surveillance projects of national significance
 - Use of electronic health information through HIE and EHR
 - Use of electronic claims and administrative data

“BIG” Data

- ❑ **Marketscan Commercial Claims and Encounters Data (Truven Health)**

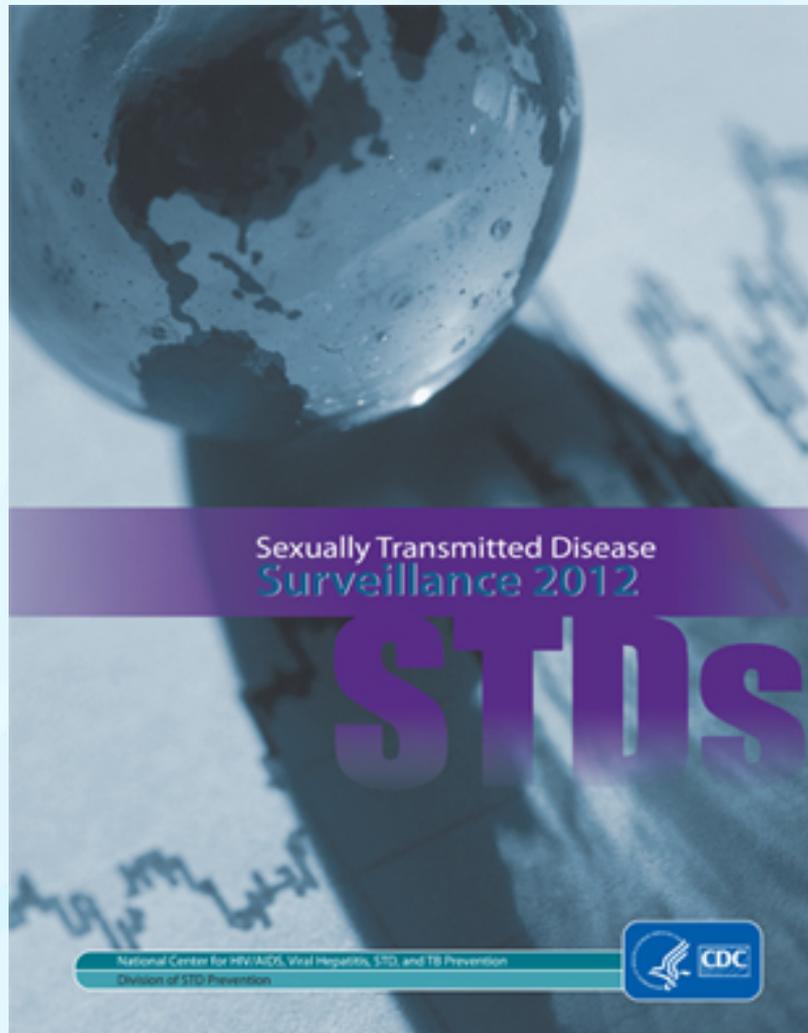
- ❑ **Medicaid (CMS)**

- ❑ **Healthcare Cost and Utilization Project (AHRQ)**
 - Kids’ Inpatient Database
 - Nationwide Emergency Department Database

- ❑ **Health Information Exchange Data (future)**

Dissemination of Surveillance Data

- ❑ Annual Surveillance Report
- ❑ Adolescent/young adult report (new this year)
- ❑ NCHHSTP Atlas
- ❑ Annual GISP report (web only)
- ❑ Annual Syphilis report (web only)
- ❑ MMWRs
- ❑ Peer reviewed publications and presentations



Sexually Transmitted Disease
Surveillance 2012

STDs

National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention
Division of STD Prevention

