Capturing Health Disparities from Surveillance Data

United South and Eastern Tribes, Inc.
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Introduction to Tribal Epidemiology Centers

• 12 TECs: 11 regional, 1 national (Urban Indian Health Institute)
• Public Health Authority status 2010 IHCIA
• Health and Human Services (HHS) directed to give TECs access to HHS data systems and protected health information
How do you request data from your Tribal Epidemiology Center?

• Who do you want data on?
• Be Specific
  – ex. Percentage of female Tribal population ages 27 to 34 diagnosed with diabetes in the last year.
• Be Flexible
  – ex. Percentage of female Tribal PATIENTS ages 25 to 34 who live in the CHSDA diagnosed with DM in the last year.
• Be Cognizant of Time
DATA SOURCES
Hospital Discharge

- Age
- Gender
- Cause of Hospitalization (ICD-9/10, DRGs)
- Length of Stay
- Hospital Charges Incurred
- Payor
- Remittance
Deaths

- Causes of Death
  - Cancer, Diabetes, Liver Disease, Injury
- Average Age at Death
- Comorbidities
- Infant Mortality Rates
- Suicide/Homicide Rates
- Substance Use
Births

• Fertility Rates
• Age of Mother
• Prenatal Care
• Infant Birth Weight
• Gestational Age
• Weight Gained During Pregnancy
Census

• Educational Attainment
  – Less than High School, Some College, Bachelors

• Income/Poverty Levels

• Housing
  – Lack plumbing, lack kitchen, own/rent

• Employment
  – Occupation, commute
Electronic Health Records

• Screenings
  – Alcohol, Cancer
• Chronic Diseases
  – Diabetes, Cancer, CVD, Hypertension, Obesity
• Oral Health
• Domestic Violence/Intimate Partner Violence
• Nutrition
  – Counseling, Education
• Behavioral Health
  – Depression Screening, Diagnosis
• Elderly
  – Fall Risk, Osteoporosis, Functional Status
• Maternal and Child Health
  – Breastfeeding, Environmental Tobacco Smoke
• Vaccinations
  – Influenza, Pneumonia, Routine
Government Performance Results Act

• Diabetes
  – Good Glycemic Control
  – Controlled BP
  – LDL Assessed
  – Nephropathy Assessed
  – Retinopathy

• Dental
  – General Access
  – Sealants
  – Topical Fluoride

• Immunization
  – Influenza <18 and 18+
  – Pneumococcal 65+
  – Routine Childhood Immunizations

• Prevention
  – Pap Screening
  – Mammography Screening
  – Colorectal Screening
  – Tobacco Cessation
  – FAS Prevention
  – DV/IPV Screening
  – Depression Screening
  – CVD Comp. Assessment
  – HIV Screening
  – Childhood Weight Control
  – Breastfeeding
  – Controlling High BP
<table>
<thead>
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