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## The State of our National Data Infrastructure for Children's Mental Health

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## Symposium Overview

- Summarize state of measures embedded within national surveys to understand children's mental health and service patterns
- Summarize recent survey additions and expansions, but also remaining "holes" in the infrastructure
- Learn about current federal priorities and initiatives relevant to building a national mental health data infrastructure
- Discuss current children's mental health data needs, uses, limitations and future priorities

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## Data Source Overview

- Visual overview of national data sources
- Few things of note:
  - We will not summarize all of these data sources, just those that are the most relevant.
  - An "X" mark is relatively diverse. Sometimes this may indicate a standardized scale; other times a few project-developed items. These differences will be described in our presentations.
  - Depression was pulled out separately because several surveys include either only this indicator or this as the only diagnosis-specific indicator.

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## Expanded Survey Opportunities to Examine Children's Mental Health and Service Utilization

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## Survey and Data Sources

- National Health Interview Survey (NHIS)
- National Survey of Drug Use and Health (NSDUH)
- National Survey of Child and Adolescent Well-Being (NSCAW)

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## NHIS


### National Health Interview Survey

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### NHIS: Description

- **Purpose:** Annual household survey of US health
- **Respondents:** One adult informant and an adult informant of one child (if children under 18 are present) are randomly selected for the Sample Adult and Sample Child Core surveys.
- **Data sources (for children's mental health indicators):** Caregivers
- **Data Collection:** Personal household interviews through an interviewer-administered CAPI system


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### NHIS: Mental Health Indicators

- 5-item Shortened Strengths and Difficulties Questionnaire (SDQ), plus 1 summary item on perceived problem severity
- Attention Deficit/Hyperactivity Disorder (ADHD)
  - By parent report of child having received a diagnosis of ADHD by a professional
- No specific children's mental health services; however, data can be linked to the detailed utilization and expenditure data in the Medical Expenditure Panel Survey (MEPS)


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### NHIS 2010: Recent Changes and Developments

- Estimate of Serious Emotional Disturbance (SED) in 4-17 year old children (2010+)
  - Based upon calibration study currently underway using the Child and Adolescent Psychiatric Assessment (CAPA) and Preschool Age Psychiatric Assessment (PAPA) structured interviews
- Child and adolescent mental health service utilization (caregiver report; 2010 only)
  - Had a discussion with health care provider or school staff about emotional/behavioral problems
  - Prescribed medication for emotional/behavioral problems
  - Received any treatment or help (and where this help was received)

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## NSDUH


### National Survey of Drug Use and Health

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### NSDUH: Description

- **Purpose:** Provides yearly national and state-level data on the use of alcohol, tobacco, illicit and non-medical prescription drugs in the United States. Includes questions about mental health.
- **Data sources:** Caregivers and adolescents (12 years and older)
- **Data Collection:** Household field-based survey of 70,000 respondents in 2009.
- Supports state-level estimates since 1999


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### NSDUH: Mental Health Indicators

- Symptoms: CIDI Major Depressive Episode module (adolescent self-report for 12-17 years)
- Mental Health Services (SACA-based items answered by caregivers)
  - Outpatient and inpatient specialty MH services
  - School-based services for an emotional or behavioral problem
  - Service from a primary care physician for MH problem

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## NSDUH: Recent Changes and Developments

- Expanded mental health services (2009)
  - Juvenile Justice (probation officer or jail/detention)
  - More detailed school-based service items
- Shortened 5-item Strengths and Difficulties Questionnaire (SDQ, proposed 2011 addition by caregiver report)

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## NSCAW I (and II)

### National Survey of Child and Adolescent Well-Being

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## NSCAW I: Description

- **Target Population:** Children (14 and younger) involved in maltreatment investigations that were closed between Oct 1999 and Dec 2000 (N=5,501)
- **Data sources:** children, caregivers, caseworkers, teachers, and child welfare agencies.
- **Data Collection (5 waves):** baseline, 12-months after the close of the investigation, 18-months, 36-months, and 56-72 months
- Data available through the National Data Archive on Child Abuse and Neglect, Cornell University ([www.ndacan.cornell.edu](http://www.ndacan.cornell.edu))

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## NSCAW: Mental Health Indicators

- **Mental Health**
  - Achenbach Behavior Rating Scales (caregiver and teacher report, adolescent or young adult self-report)
  - Child Depression Inventory (CDI)
  - Trauma Symptoms Checklist for Children—PTSD section
  - Caregiver Depression: Composite International Diagnostic Interview Short Form (CIDI-SF) module for depression
  - Short Form Health Survey (SF-12; caregivers only)
- **Functional Impairment**
  - Social Skills Ratings System (SSRS)
  - Vineland Adaptive Behavior Scale (Daily Living subscale)

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## NSCAW: Assessment of MH Services

- **Child and Adolescent Services Assessment (CASA)**
  - Outpatient and inpatient specialty mental health services
  - School-based services
  - Primary care physician
  - Past year use of any psychotropic medication

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## NSCAW II: Recent Changes and Developments (1)

- **Added measures focused on early childhood development**
  - Battelle Developmental Inventory (BDI)
  - Bayley Infant Neurodevelopmental Screener (BINS)
  - Brief Toddler Social Emotional Assessment (BITSEA)
- **Improved measures of youth and caregiver substance abuse**
  - CRAFFT from the Youth Risk Behavior Survey
  - Alcohol Use Disorders Identification Test (AUDIT; caregivers only)
  - Drug Abuse Screening Test (DAST; caregivers only)

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## NSCAW II: Recent Changes and Developments (2)

- Assessment of child use of specific psychotropic medications
- Expanded questions on the characteristics of parenting interventions received (and fit with evidence-based principles)
- Expanded module to examine the use of early childhood intervention and Part C services

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