


Overview of Data Availability Within the MEPS, NHANES, YRBSS & NCS-A

Amy L. Green, M.A.
 Department of Child and Family Studies
 Louis de la Parte Florida Mental Health Institute

March 8, 2010




UNIVERSITY OF SOUTH FLORIDA
 COLLEGE OF PROFESSIONAL & COMMUNITY EDUCATION

1

Presentation Overview

- General Description/Background
- Mental Health Indicators and Service Use
- Data Availability and Use
 - Medical Expenditure Panel Survey (MEPS)
 - Youth Risk Behavior Surveillance System (YRBSS)
 - National Health and Nutrition Examination Survey (NHANES)
 - National Comorbidity Study Replication Adolescent Supplement (NCS-A)




UNIVERSITY OF SOUTH FLORIDA
 COLLEGE OF PROFESSIONAL & COMMUNITY EDUCATION


2

MEPS

Medical Expenditure Panel Survey



<http://www.meps.ahrq.gov/mepsweb/>




UNIVERSITY OF SOUTH FLORIDA
 COLLEGE OF PROFESSIONAL & COMMUNITY EDUCATION

3

MEPS: Overview

- Utilization and financing of medical care in the US - AHRQ
- Household Component
 - Participants from NHIS
 - Approximately 8,500 children in 2007
 - Supplemented by the Medical Provider Component (MPC)




UNIVERSITY OF SOUTH FLORIDA
 COLLEGE OF PROFESSIONAL & COMMUNITY EDUCATION

4

MEPS: Mental Health Indicators

- Symptoms and Impairment
 - Columbia Impairment Scale (CIS)
 - 36-item Short-Form Health Survey (SF36)
- Diagnoses
 - Olfson, et al. (2003). Parental depression, child mental health problems, and health care utilization. *Medical Care*, 41(6).




UNIVERSITY OF SOUTH FLORIDA
 COLLEGE OF PROFESSIONAL & COMMUNITY EDUCATION

5

MEPS: MH Service Use

- Summary Assessment of Mental Health
- Roster of Conditions
- Provider Visits
 - Nature of visit or contact
 - Type of provider and specialty
 - Provider Place
 - Time spent with provider
 - Treatments and services performed
 - Medications prescribed
- MPC Supplementation and Imputation




UNIVERSITY OF SOUTH FLORIDA
 COLLEGE OF PROFESSIONAL & COMMUNITY EDUCATION

6


MEPS: Data Availability and Use

- Household Component
- Insurance Component
- Data Use Workshops



USF
UNIVERSITY OF SOUTH FLORIDA
COLLEGE OF HEALTH CARE PROFESSIONALS

7



NHANES National Health and Nutrition Examination Survey

<http://www.cdc.gov/nchs/nhanes.htm>

USF
UNIVERSITY OF SOUTH FLORIDA
COLLEGE OF HEALTH CARE PROFESSIONALS

8

NHANES: Overview


- Health & Nutritional Status of Adults & Children in the United States - NCHS/CDC
- Representative of US Population of All Ages
 - 2007-2008 included 9,762 participants
 - About 4,000 between birth and 19 years
- Interview and Physical Examination

USF
UNIVERSITY OF SOUTH FLORIDA
COLLEGE OF HEALTH CARE PROFESSIONALS

9

NHANES: Mental Health Indicators

- Current NHANES
 - Youth Depression Screener (2005-present)
 - Substance Use (1995-present)
- Previous NHANES
 - Diagnostic Interview Schedule for Children (DISC; 1999-2004)



USF
UNIVERSITY OF SOUTH FLORIDA
COLLEGE OF HEALTH CARE PROFESSIONALS

10

NHANES: MH Service Use

- Service Use Data is Limited
- Hospital Utilization and Access to Care Questionnaire
 - In the past 12 months, seen or talked to a MH professional such as a psychologist, psychiatrist, psychiatric nurse, or clinical social worker about health

USF
UNIVERSITY OF SOUTH FLORIDA
COLLEGE OF HEALTH CARE PROFESSIONALS


11

NHANES: Data Availability and Use

- Public Use Data
 - Available online
 - Online tutorials
- Limited Use Data
 - Research and Data Center (NCHS)
 - Different modes of access
 - Services provided by the RDC

USF
UNIVERSITY OF SOUTH FLORIDA
COLLEGE OF HEALTH CARE PROFESSIONALS

12



YRBSS
Youth Risk Behavior Surveillance System

<http://www.cdc.gov/HealthyYouth/yrbs/index.htm>

USF UNIVERSITY OF SOUTH FLORIDA COLLEGE OF HEALTH, COMMUNITY & SOCIETY

13

YRBSS: Overview

- Monitors Priority Health-Risk Behaviors Among Youth – CDC
- National Survey
 - 14, 041 students in 2007
- State, Territorial, and Local Surveys
 - 71 state and local sites surveyed in 2007
- School-Based
 - Limits generalizability

USF UNIVERSITY OF SOUTH FLORIDA COLLEGE OF HEALTH, COMMUNITY & SOCIETY

14

YRBSS: Mental Health Indicators

- Specific Questions Designed for the Survey
 - Depression
 - Suicidal thoughts and behaviors
 - Substance use
- No MH Service Use Data Available

USF UNIVERSITY OF SOUTH FLORIDA COLLEGE OF HEALTH, COMMUNITY & SOCIETY


15

YRBSS: Data Availability and Use

- Summary Reports, Data Files and Documentation Online
- Various Data Formats
- User's Manual
- Most Recent Available Data

USF UNIVERSITY OF SOUTH FLORIDA COLLEGE OF HEALTH, COMMUNITY & SOCIETY

16



NCS-A
National Comorbidity Survey Adolescent Supplement

<http://www.hcp.med.harvard.edu/ncs/index.php>

USF UNIVERSITY OF SOUTH FLORIDA COLLEGE OF HEALTH, COMMUNITY & SOCIETY

17

NCS-A: Overview

- National Psychiatric Epidemiology Survey of Adolescents
- Background and Sampling
 - Conducted in 2001-2002
 - 10,148 adolescents age 13 to 17 years
- Content and Methodology
 - Data from youth and parents


USF UNIVERSITY OF SOUTH FLORIDA COLLEGE OF HEALTH, COMMUNITY & SOCIETY

18

THE WORLD MENTAL HEALTH Composite International Diagnostic Interview

NCS-A: Mental Health Indicators


- WHO's Composite International Diagnostic Interview (CIDI) version 3.0
 - Disorders, medications, and services
 - Modified and expanded
- Parent Self-Administered Questionnaire (SAQ)
 - Five disorders
- Combination of Youth and Parent



19

NCS-A: MH Service Use and Data Availability and Use

- Child and Adolescent Services Assessment (CASA)
 - Type of service
 - Service provider
 - Attitudes toward service
- NCS-A Data Not Yet Publicly Available



20

