

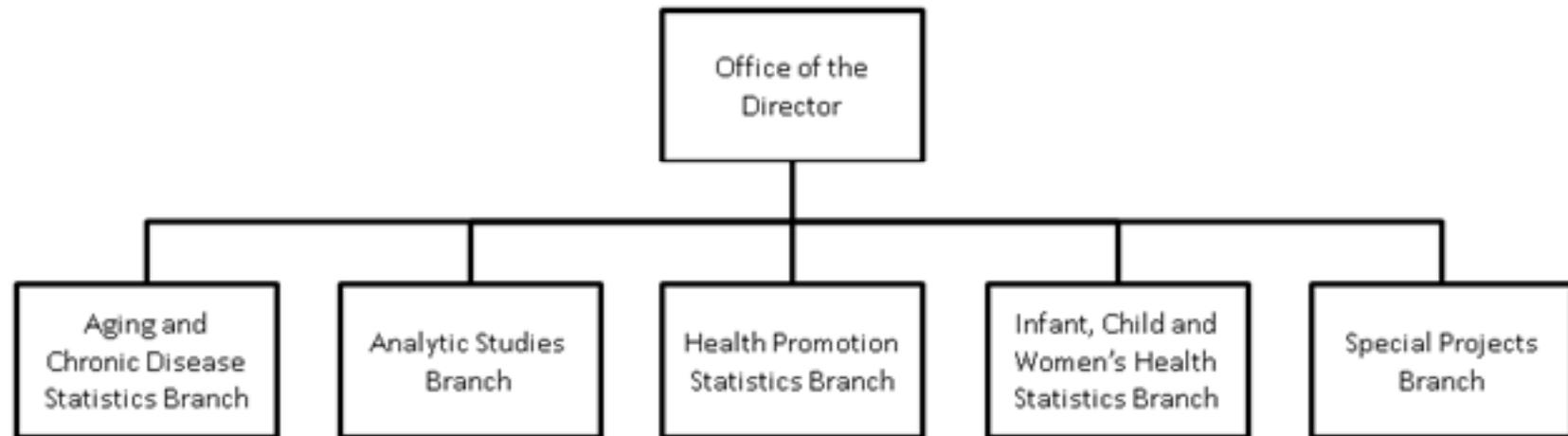
**National Center for Health Statistics
Office of Analysis & Epidemiology**

Presentation to
the Board of Scientific Counselors
April 15, 2011

Overview of OAE

- **Role**
 - The cross-cutting research, development, & analysis arm of NCHS
- **Staff**
 - 70 FTEs and contractors in 5 branches

OAE Organization



OAE Functions (1)

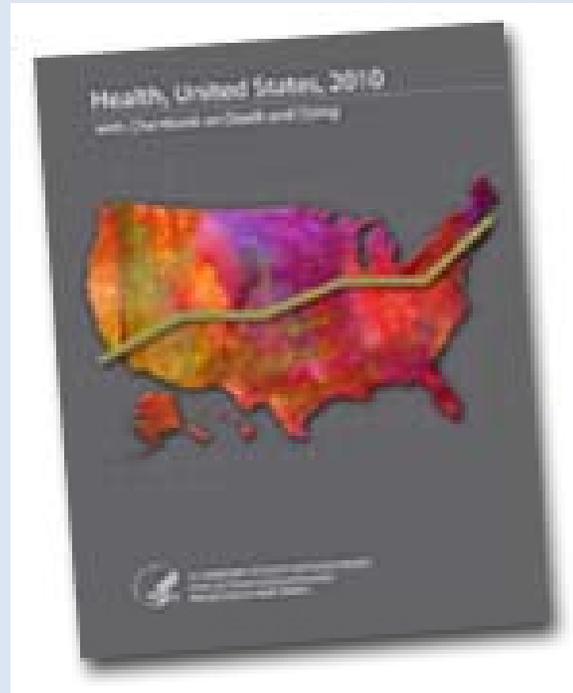
- **Measures development**
 - For assessment and monitoring of population health & determinants
- **Data aggregation & dissemination**
 - To produce indicators for multiple health initiatives
- **Data integration and survey development**
 - To enhance NCHS survey & vital statistics data

OAE Functions (2)

- **Research studies**
 - To address important health & healthcare issues plus methodological questions
- **Technical assistance and consultation**
 - To provide assistance on data development, data improvement, & program evaluation to a wide range of government agencies & other organizations

OAE Activities (1)

Data Products and Tools



National Health Statistics Reports

Number 32 ■ January 12, 2011

**Asthma Prevalence, Health Care Use, and Mortality:
United States, 2005–2009**



► Data Linkage

Air Quality

Mortality Data

CMS Enrollment and
Claims Data

Social Security Benefit
History Data

National Death Index

Public-Use Data Files

Research Data Center

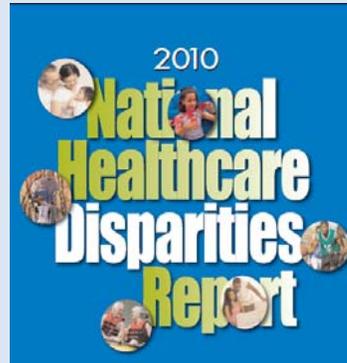
NCHS Data Brief ■ No. 34 ■ April 2010

**Depression and Smoking in the U.S. Household Population
Aged 20 and Over, 2005–2008**



OAE Activities (2)

Interagency & International Collaborations



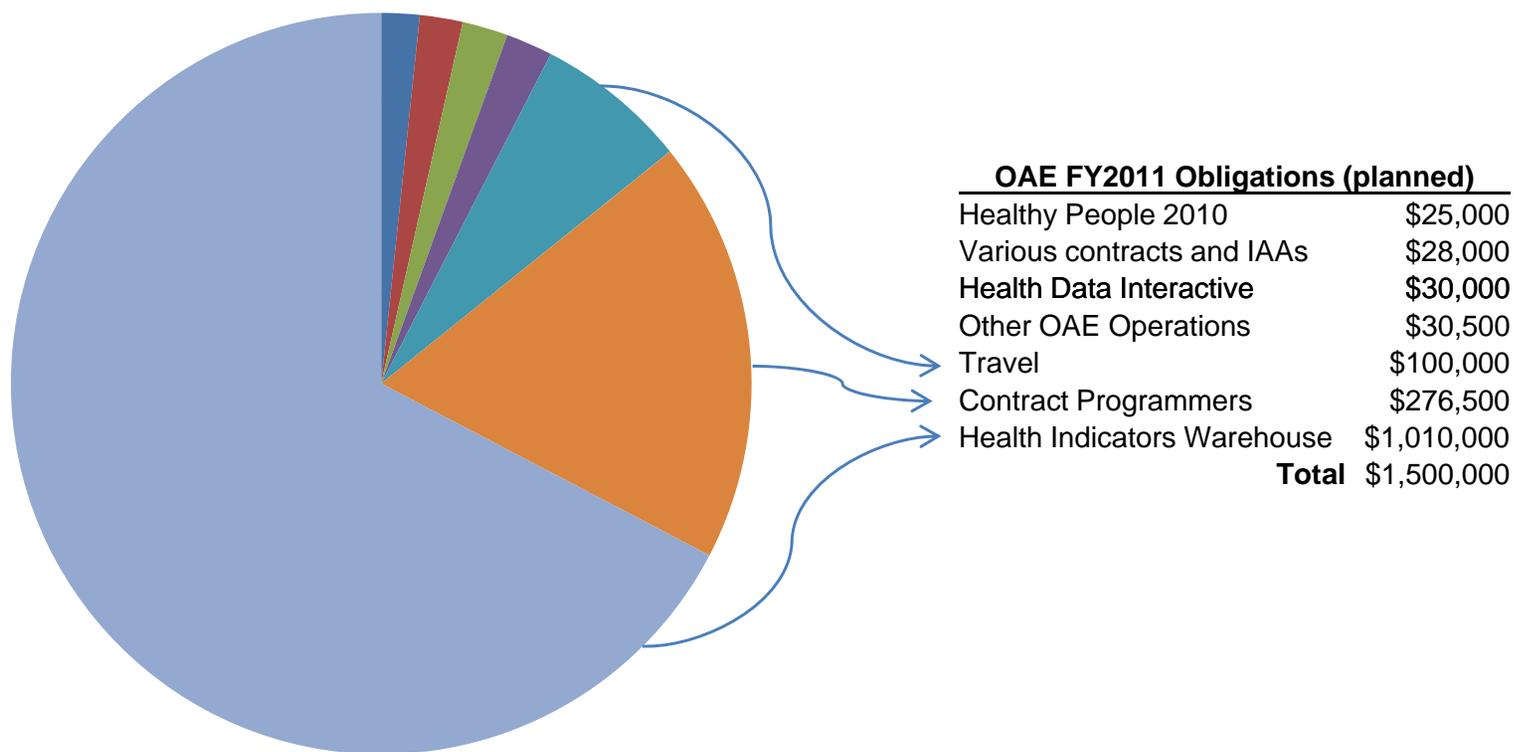
The International Collaboration on Air Pollution and Pregnancy Outcomes: Initial Results



Functions & Activities

Activities	Functions				
	Measures Development	Data Aggregation and Dissemination	Data Development	Research Studies	Technical Assistance and Consultation
Monitoring the health of the Nation through the annual report, Health, United States		X			
Providing data and analytic support to HHS for the development and tracking of Healthy People objectives	X	X			X
Developing health data for public health policy research through data linkages and other means		X	X	X	X
Disseminating data electronically through interactive websites		X			X
Participating in interagency and international collaborations to improve health data	X		X	X	X
Conducting cross-cutting research on major public health issues and statistical methods	X		X	X	
Providing technical assistance and analytic support for Departmental program monitoring and evaluation initiatives					X

OAE Budget



Going Forward: Challenges

- Upcoming departure of OAE director & ICWHSB chief
- Potential loss of subject matter expertise through staff attrition
- Programming & analytic support for priority program areas
- Trade-offs between programmatic activities & investigator-initiated research
- Financial support for the health indicators warehouse
- Use of linked files
- Strategies for web-based dissemination

Going Forward: Opportunities

- Repurposing products & consolidating data dissemination resources
- Greater visibility → more ability to leverage resources
- Expanding collaborations
- Ability to influence HHS evaluation & research agenda