

Epidemiology, Assessment and Program Development Branch

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Epidemiology, Assessment and Program Development
Maternal, Child and Adolescent Health Program
Center for Family Health
California Department of Public Health

MCAH Action New MCAH Directors' Orientation
May 20, 2008





Epidemiology, Assessment and Program Development (EAPD) Branch

- EAPD Branch Chief – Shabbir Ahmad, DVM, MS, PhD
 - Acting Chief, Michael Curtis, PhD
- EAPD Branch Sections
 - Surveillance and Program Evaluation Section – Chief, Michael Curtis, PhD
 - Epidemiology and Program Development Section– Chief, Gene Takahashi, PhD, MPH
 - Assessment Section, Chief, Kate Marie, MA
 - Human Stem Cell Research and Cord Blood – Chief, Shabbir Ahmad, DVM, MS, PhD
- Staff Training / Background
 - Public Health
 - Epidemiology
 - Evaluation
 - Health Services Research
 - Sociology
 - Anthropology
 - Demography
 - Policy Analysis
 - Nutrition
 - Social Work



Selected Activities / What We Do

- Provide scientific/evidence basis for policy
 - Conduct surveillance of public health indicators
 - Design and monitor programs and studies
 - Publish and disseminate findings (press releases, reports, journal articles, etc.)
 - Evaluate program effectiveness
 - Develop GIS hot spot maps
 - Assist in resource allocation decision-making
 - Provide scientific consultation to statewide task forces and other State Departments
- Design and administer the Maternal and Infant Health Assessment Survey
 - In collaboration with UC San Francisco (Paula Braveman, MD, MPH)
- Manage contracts for data systems
 - Adolescent Family Life Program
 - Improved Perinatal Outcomes Data Reports, etc.
- In collaboration with other MCAH Branch's
 - Title V MCH Block Grant Annual Report/Application
 - Five-Year Statewide Needs Assessment



Consultation to Statewide Task Forces and Programs – Selected List

- Preconception Care Council of California
- Adolescent Sexual Health Workgroup
- Breastfeeding Promotion Advisory Committee
- Fetal Alcohol Syndrome Task Force
- Human Stem Cell Research
- Various MCAH Programs
 - Fetal Infant Mortality Review
 - Black Infant Health
 - California Diabetes and Pregnancy Program
 - Sudden Infant Death Syndrome
 - Pregnancy Associated Mortality Review
- California Woman's Health Survey
- CDPH Data Policy Advisory Committee



Key State Agency Collaborators

- California Department of Public Health
 - Vital Statistics
 - Genetic Disease Screening Program
 - WIC
 - Office of Women’s Health
 - Sexually Transmitted Disease Branch
 - Etc.
- Department of Health Care Services
- Office of Statewide Health Planning and Development
- Department of Mental Health



Key Academic Collaborators

- University of California San Francisco
- University of California Berkeley
- University of California Los Angeles
- California State University Sacramento
- California State University Long Beach
- San Diego State University
- Stanford University



Selected Publications / Resources

- Folic Acid Consumption
 - http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5642a3.htm?s_cid=mm5642a3_e
- Adolescent Family Life Program Report
 - <http://www.cdph.ca.gov/HealthInfo/healthyliving/childfamily/Documents/MO-AFLP-ProgramOverviewFeb07.pdf>
- Preconception Health Report
 - <http://www.cdph.ca.gov/HealthInfo/healthyliving/childfamily/Documents/MO-PreconceptionHealthOct07.pdf>
- 2005 Statewide MCH Needs Assessment
 - <http://www.cdph.ca.gov/programs/MCAH/Documents/MO-TitleV-NeedsAssessment.pdf>
- In-Hospital Breastfeeding Surveillance Tables
 - <http://www.cdph.ca.gov/data/statistics/Pages/BreastfeedingStatistics.aspx>
- Maternal and Infant Health Assessment Tables and Fact Sheets
 - [http://www.cdph.ca.gov/data/surveys/Pages/MaternalandInfantHealthAssessment\(MIHA\)survey.aspx](http://www.cdph.ca.gov/data/surveys/Pages/MaternalandInfantHealthAssessment(MIHA)survey.aspx)
- Pregnancy Associated Mortality Review Data
 - <http://www.cdph.ca.gov/data/statistics/Pages/CaliforniaPregnancy-RelatedandPregnancy-AssociatedMortalityReview.aspx>



Selected MCAH Program Data Sets

- Sudden Infant Death Syndrome (SIDS)
- Adolescent Family Life Program (AFLP)
- Black Infant Health Program (BIH)
- Fetal and Infant Mortality Review (FIMR)
- California Diabetes and Pregnancy Program (CDAPP)
- Battered Women’s Shelter Program (BWSP)



Population-Based Data Sources

- Vital Statistics
- Maternal and Infant Health Assessment (MIHA) Survey
- Improved Perinatal Outcomes Data Reports (IPODR)
- California Women's Health Survey (CWHS)
- California Health Interview Survey (CHIS)
- In-Hospital Breastfeeding data from the Newborn Screening Database



Vital Statistics Files

- Birth Statistical Master File
- Death Statistical Master File
- Fetal Death Statistical Master File
- Birth Cohort File (infant deaths linked to birth certificates)
- Hospital Patient Discharge Data – linked
 - **Recently**
 - **Emergency Department**
 - **Ambulatory Services**

<http://www.cdph.ca.gov/data/dataresources/requests/Pages/BirthDataRequests.aspx>



Maternal and Infant Health Assessment Survey

- Annual survey of approximately 3,500 women. Representative sample of women who recently gave birth in California (similar to CDC's PRAMS)
- Selected subject areas
 - Breastfeeding
 - Nutrition, smoking, drinking
 - Family planning
 - Psychosocial factors
 - Domestic violence
 - Access to MediCal/WIC/prenatal care
 - Infant care
 - Maternal health
- Statewide and Regional Data Available
 - [http://www.cdph.ca.gov/data/surveys/Pages/MaternalandInfantHealthAssessment\(MIHA\)survey.aspx](http://www.cdph.ca.gov/data/surveys/Pages/MaternalandInfantHealthAssessment(MIHA)survey.aspx)



Improved Perinatal Outcomes Data Reports (IPODR)

- IPODR provides perinatal risk and outcome data related to select national Healthy People 2010 Objectives.
 - Maternal characteristics, prenatal care initiation, infant mortality, low birth weight, etc.
- Summary zip code level data are summarized and presented as maps, charts and tables for each county in the California County Perinatal Reports (CCPR).
- <http://www.cdph.ca.gov/data/indicators/Pages/InfantPerinatalOutcomesDataReport.aspx>



Family Health Outcomes Project

Family Health Outcomes Project (FHOP)

- Contract with UCSF (Gerry Oliva, MD, MPH)
 - Data
 - Statistics
 - Software
 - Training
 - Technical assistance



Selected Data Resources Available to You

See attached