



The Family Health Outcomes Project: Orientation

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Family Health Outcomes Project

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FHOP Mission

To improve the health of children and their families and communities by supporting the development and implementation of comprehensive community planning, data-driven policies, evidence-based interventions, and effective evaluation strategies.

FHOP Background

- Located at the University of California, San Francisco, Department of Family and Community Medicine
- Affiliated with the Institute for Health Policy Studies
- MCAH project funded by State, Federal, and Foundation grants

FHOP Approach

- Collaboration
- Literature Review
- Consulting Experts
- Community Advisory Groups

FHOP Areas of Activity

- Web site
- Automated Resources and Tools
- Training
- Research and Development
- Analytic Methods
- Evaluation
- Technical Assistance

FHOP Activities: Improving Data Accessibility

- Work with state to develop standardized reports
- Disseminate data reports (e.g. annual birth and death data)
- Disseminate electronic data (e.g. hospital discharge file)
- Data resources library on FHOP website

Data Sources on the Web

FHOP Website: www.ucsf.edu/fhop

- Data tables and spreadsheets
- Links to other sites with relevant data
 - CADPH Center for Health Statistics
 - CADPH Communicable Disease Branch
 - UCLA/California Health Interview Survey
 - CADPH EPIC Center- Injury Data
 - CADSS Foster Care Data
- Data and links organized by topic area

Areas of Activity: Automated Resources

- EXCEL Templates
 - Calculate Rates and confidence intervals
 - Calculate Risk statistics
- Analysis – EpiInfo Based software
 - EpiBC
 - EpiHOSP

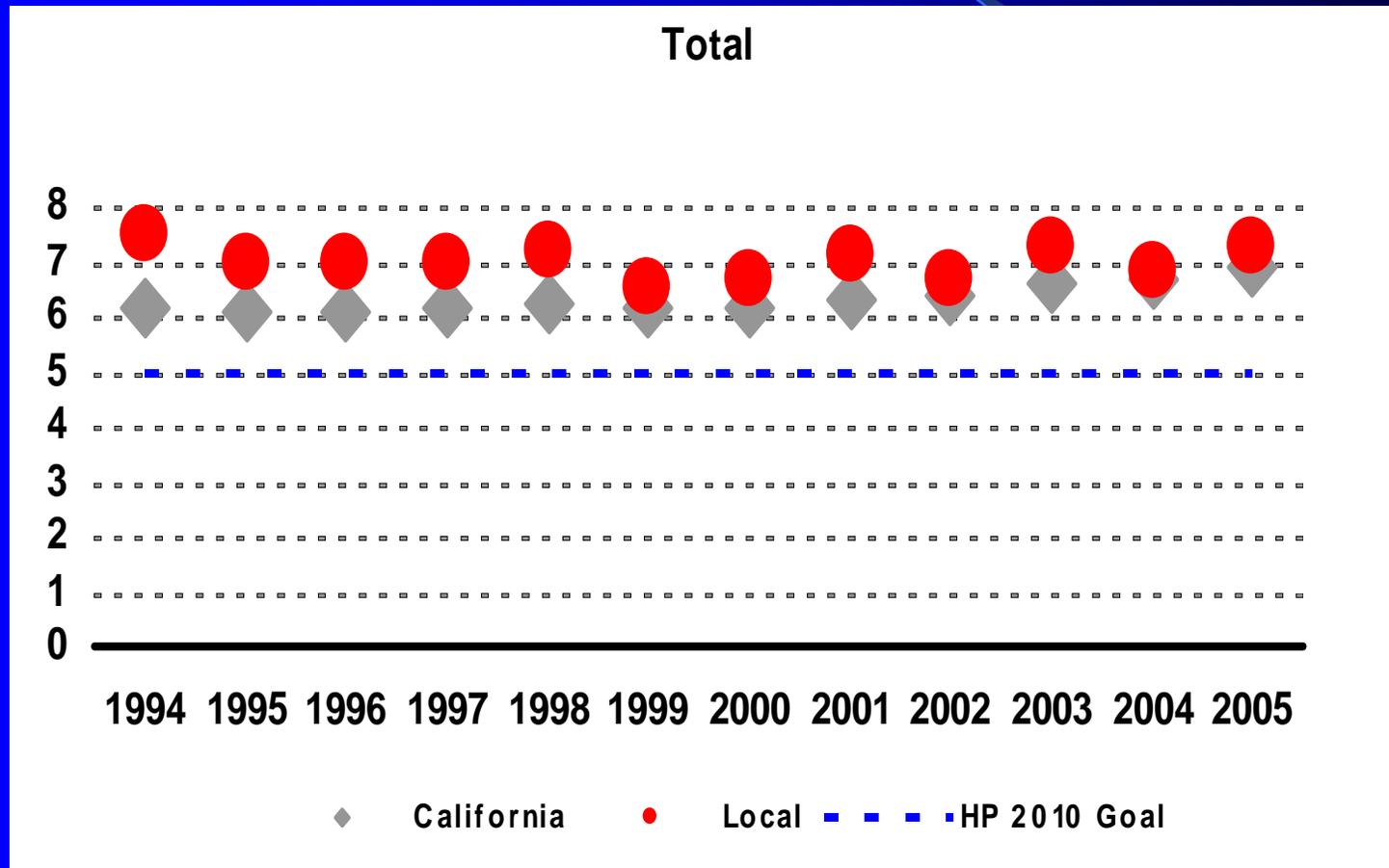
FHOP Local Databooks

- EXCEL Spreadsheets that display County-level data over 12 years for different indicators
- Display the comparison of rates between county data, the State and Healthy People 2010 Objectives
- Contain a data quality tab to alert counties to missing or unlikely values and how they may affect accuracy of rate calculations
- Perform trend tests- “are things getting better or worse?” “how does progress in my county compare to the state?”

Rate Tables –Low Birth Weight

TOTAL POPULATION								
Year	California				Local			
	Births	Rate	Lower C.L.	Upper C.L.	Births	Rate	Lower C.L.	Upper C.L.
1994	34,811	6.2	6.1	6.2	1,591	7.5	7.1	7.8
1995	33,541	6.1	6.0	6.2	1,454	7.0	6.6	7.3
1996	32,599	6.1	6.0	6.1	1,437	7.0	6.6	7.3
1997	32,178	6.2	6.1	6.2	1,436	6.9	6.6	7.3
1998	32,362	6.2	6.2	6.3	1,500	7.2	6.8	7.5
1999	31,627	6.1	6.1	6.2	1,340	6.5	6.2	6.9
2000	32,787	6.2	6.1	6.2	1,482	6.7	6.4	7.0
2001	33,126	6.3	6.2	6.4	1,567	7.1	6.8	7.5
2002	33,782	6.4	6.3	6.5	1,447	6.7	6.3	7.0
2003	35,577	6.6	6.5	6.7	1,558	7.2	6.9	7.6
2004	36,413	6.7	6.6	6.8	1,428	6.8	6.5	7.2
2005	37,581	6.9	6.8	6.9	1,513	7.3	6.9	7.6

Trend Graph – Low Birth Weight



FHOP Automated Resources: EpiBC

- Based on public domain EpiInfo
- Easy-to-use windows version
- Analyzes local birth certificate data and generates reports
- Generates graphs and maps
- Built-in tutorials, references, documentation
- Completely new for 2008- due in July

- STANDARD REPORTS ▾ Prenatal Care
- STANDARD TABLES ▾ Prenatal Index
- Birth Weight
- Mother's Demographics
- Payment for Prenatal Care
- Complications / Abnormal Conditions
- Teens
- Pre-Term Births
- Run All Above Reports
- Special - Repeat Births 24 months

EPI-BC

Birth Data Analysis & Presentation System

- Import**
- Data**
- Reports**
- Tables**
- View**
- Graphs**
- Maps**

- Exit**
- Enter**
- Analysis**
- EpiMap**
- WordPad**
- MakeView**
- Visualize Data**

EpiBC Version 2.1

07.01.2007

- EHOP Website**
- Update EpiBC**
- AVSS Website**
- EPIINFO Website**

Family Health Outcomes Project, UCSF

FHOP Activities: Research and Development

- Develop public health indicators
- Develop methods and guidelines and analytic tools
- Perform literature reviews for risk and protective factors and evidence-based practices
- Study trends in hospitalizations for children and youth for specific diagnoses
- Perform research and evaluation of innovative intervention strategies for high risk women

Perinatal and Child Health Survey

- Developed in conjunction with the MCAH Action Rural Caucus committee
- Contains a core survey along with 5 optional modules
- Stand-alone Adolescent health survey
- Data entry and analysis template in EpiINFO

Developing an Effective Planning Process: A Guide for Local MCAH Programs

- Reviews the traditional health planning cycle with a focus on MCAH activities
- Provides tools to facilitate planning during each phase of the process
- Provides tools to simplify data analysis
- 2008 edition in process

Analytic Statistical Guidelines 2002

**GUIDELINES FOR STATISTICAL ANALYSIS
OF PUBLIC HEALTH DATA
WITH ATTENTION TO SMALL NUMBERS**

IMPACT OF DATA QUALITY ON BIRTH RELATED HEALTH INDICATORS

Do We Have a Linear Trend?

A Beginner's Approach to Analysis of Trends

in Community Health Indicators

Data Standards

GUIDELINES ON RACE/ETHNICITY DATA COLLECTION, CODING AND REPORTING

- A 2003 set of guidelines for the collection, coding and reporting of race and ethnicity on all data sets maintained by the CADPH
- Goal is to be able to compare data by uniformly defined categories that are consistent with Federal Office of Management and Budget census categories so that standard rates can be calculated

Race/Ethnicity Guidelines

- A set of guidelines for the collection, coding and reporting of race and ethnicity on all data sets maintained by the CADPH
- Developed through a cooperative process with the Center for Health Statistics and the Prevention Division
- Last revision 2002

FHOP Areas of Activity: Training

- Topics and schedule developed in collaboration with state MCAH staff and consultation with CCLDMCAH
- Format focuses on interactive skill development
- Aim to target trainings toward current MCAH needs

FHOP Areas of Activity: Technical Assistance

- FHOP staff available for assistance by phone 5 days a week (415-476-5283)
 - Data related questions
 - Assistance in use of automated tools
 - Guidance in planning process

FHOP Staff

- Geraldine Oliva MD, MPH, Director
- Linda Remy, PhD, Assoc. Director, Research
- Jennifer Rienks, PhD, Research Associate
- Gosia Pellarin, Administrator and Web master
- Joanna Wald, Administrative Assistant