



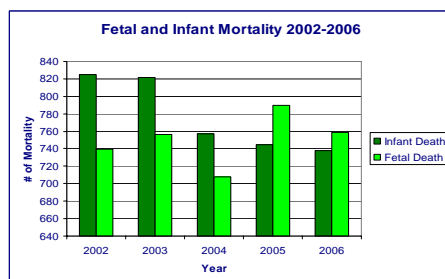
# Making a Difference in Infant Health Saving Lives - Increasing Safety - Preventing Injury

Cindy Harding, MPH; Diana Ramos, MD, MPH; Angel Hopson, RN, MSN/MPH; Cathleen Bemis, BSN, MPH; Cristina Dimaano

## Fetal and Infant Mortality Review (FIMR)



**Mandate:** Enhance the well being of women, infants and families by improving community resources and service delivery systems available to families. Bring together key members of the community to examine various factors contributing to fetal and infant mortality. Develop recommendations for interventions.

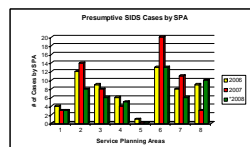
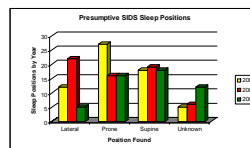


Los Angeles MCAH BIH-FIMR Program continues to:

- Collaborate with Research, Evaluation and Planning (REP) Unit, and use data from Los Angeles Health Overview of a Pregnancy Event (L.A. Hope), to develop community based interventions:
- Co-Lead CityMatCH/AMCHP/NHSA \*Partnership to Eliminate Disparities in Infant Mortality (PEDIM) Project; addresses the impact of racism on birth outcomes and infant health. Will develop an action plan to reduce racism and disparities in Los Angeles County
- Develop Grief Resource Identification Project (GRIP): assesses all Los Angeles birthing hospitals for family grief and bereavement support, parenting education, and social workers to help support grieving families
- Develop and expand Peer-Parent support contacts
- Develop Grief and Bereavement Bookmarks, Note Cards, and other grief materials
- Provide Grief and Bereavement support and referrals to selected L.A. HOPE families who have suffered a loss of a fetus or an infant
- Increase knowledge and awareness of appropriate services and resources available to women, infants, and families and how to access them
- Provide training and education to health care professionals:
  - Public Health Nursing Information and Resource Fair
  - Fetal and Infant Health Conference
  - Black Infant Health Contractors
  - Comprehensive Perinatal Services Providers
  - South Los Angeles Best Babies Collaborative Partners
  - Antelope Valley Healthy Network for Families
  - Healthy African American Families Preterm Working Group
  - Healthy Births Learning Collaboratives – SPA 1, 2, 6, and 7

## Sudden Infant Death Syndrome Program (SIDS)

**Mandate:** Maintain and improve the decreasing rates of SIDS in Los Angeles County by education of professionals and parents through the “Back to Sleep” campaign. Reduce families’ stress associated with a SIDS-related death. Help reduce the emotional suffering of SIDS families and caregivers. Improve knowledge and skills of people who interact with SIDS families. Increase public awareness and knowledge of SIDS.



	2006	2007	2008*
# Presumptive SIDS	62	63	52
# Bedsharing cases	34	27	26
% Bedsharing / P/SIDS	55	43	48

YEAR	ASIAN	BLACK	HISPANIC	WHITE	AI	TOTAL
2006	1	18	35	8	1	63
2007	0	12	34	8	1	55
2008*	0	14	30	7	1	54

Los Angeles MCAH SIDS Program continues to increase knowledge and awareness through training and education to health care professionals on “Back to Sleep” and AAP Guidelines:

- SIDS Awareness Month (October)
- Annual SIDS Conference
- Quarterly SIDS Regional Council
- Newborn Nursery Nurses Trainings in birthing hospitals
- Public Health Nurse, Foster Parents and Social Work Trainings
- Conferences
- Health Fairs
- Community Baby Showers
- Countywide distribution of Safe Sleep materials
- Provide Grief and Bereavement support to families
- Provide Technical support to Public Health Nurses
- Despite conducting over 27 SIDS Risk Reduction Trainings, the number of Presumptive SIDS cases continue to increase.
- What will we do? Develop a new Awareness and Messaging Campaign:



## Newborn Screening Program (NBS)



**Mandate:** All infants born in a licensed perinatal health facility must have a NBS specimen collected before the 6<sup>th</sup> day of age. To identify genetic diseases. To prevent the long-term effects through early screening and early intervention.

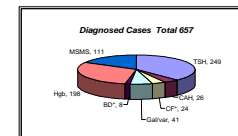
### Evolution of Newborn Screening in California:

- 1966 PKU
- 1980 Congenital Hypothyroidism
- 1990 Hemoglobinopathies Sickle & Beta
- 1999 Alpha Thalassemia
- 2005 MSMS & Congenital Adrenal Hyperplasia
- 2007 Cystic Fibrosis & Biotinidase Deficiency

Los Angeles County partners with two Area Service Centers at Harbor UCLA and UCLA Medical Center to monitor births that occur outside of licensed health facilities for missed screenings, follow-up referrals, and ensure that infants born in licensed health facilities with a positive screen, are located and referred to CCS Centers for appropriate services.



With the new expanded screening, 657 Cases have been diagnosed in Los Angeles licensed birthing facilities



With an estimated 150,000 births in Los Angeles County each year:

- About 18 babies per month or about 4 per week are diagnosed with one of the conditions from newborn screening.
- Estimated 1 in every 700 babies will have a disorder diagnosed from newborn screening annually



Los Angeles County MCAH-NBS Program 2008-2009:

- Located and referred 12 infants to CCS for positive or missed screens
- Received and tracked 299 out-of-licensed facility births for missed screens
- Provided NBS education and training to Public Health Nurses and other Healthcare Professionals
- Distributed NBS education materials to community residents, professionals, and collaborative agencies

Year	# of Births
2004	379
2005	437
2006	453
2007	413
2008*	299