

Community Actions to Address Infant Mortality in Los Angeles County

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Today's Presentation

Infant mortality concern in Los Angeles County

An engaged community mobilizes

Data to

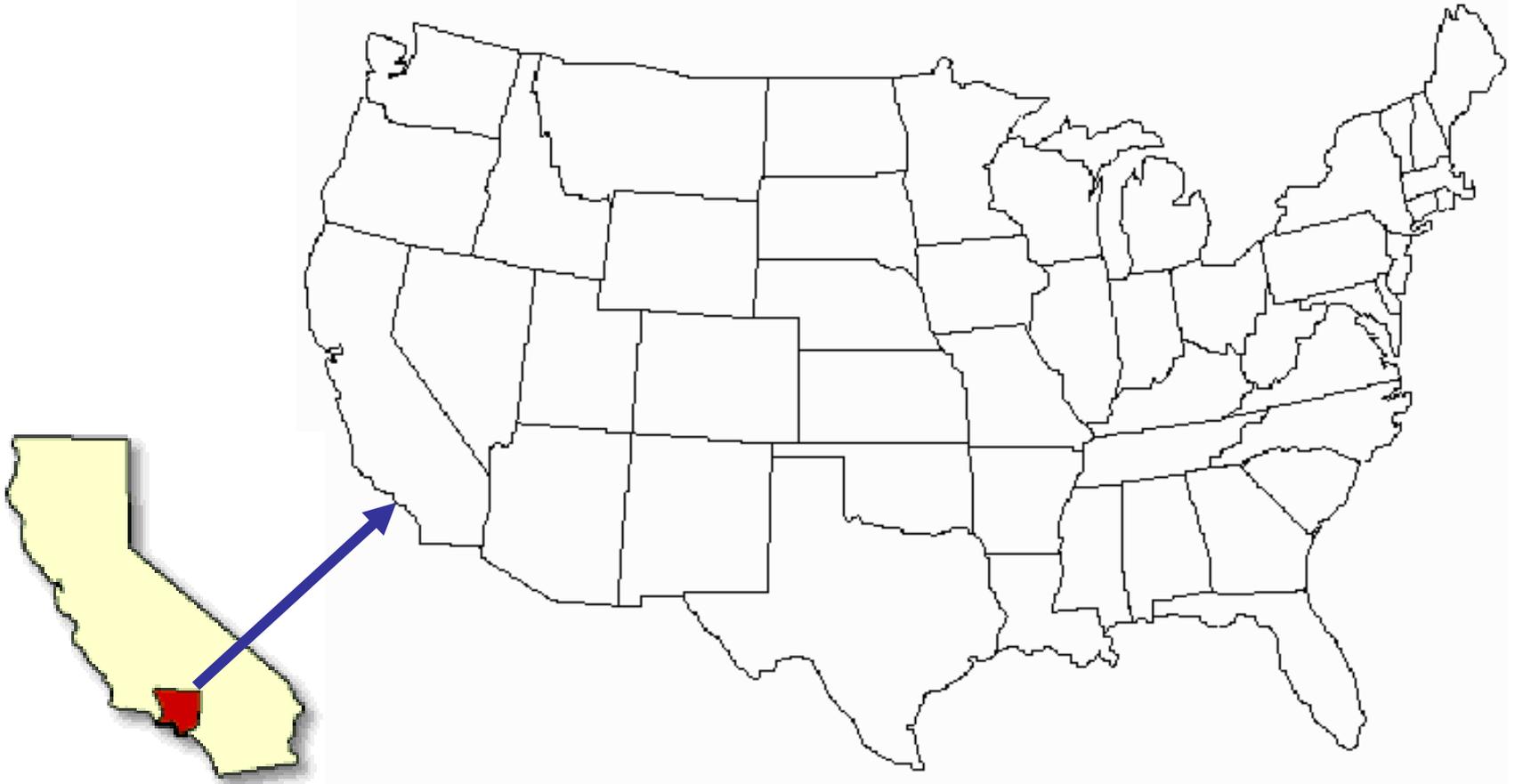
Action



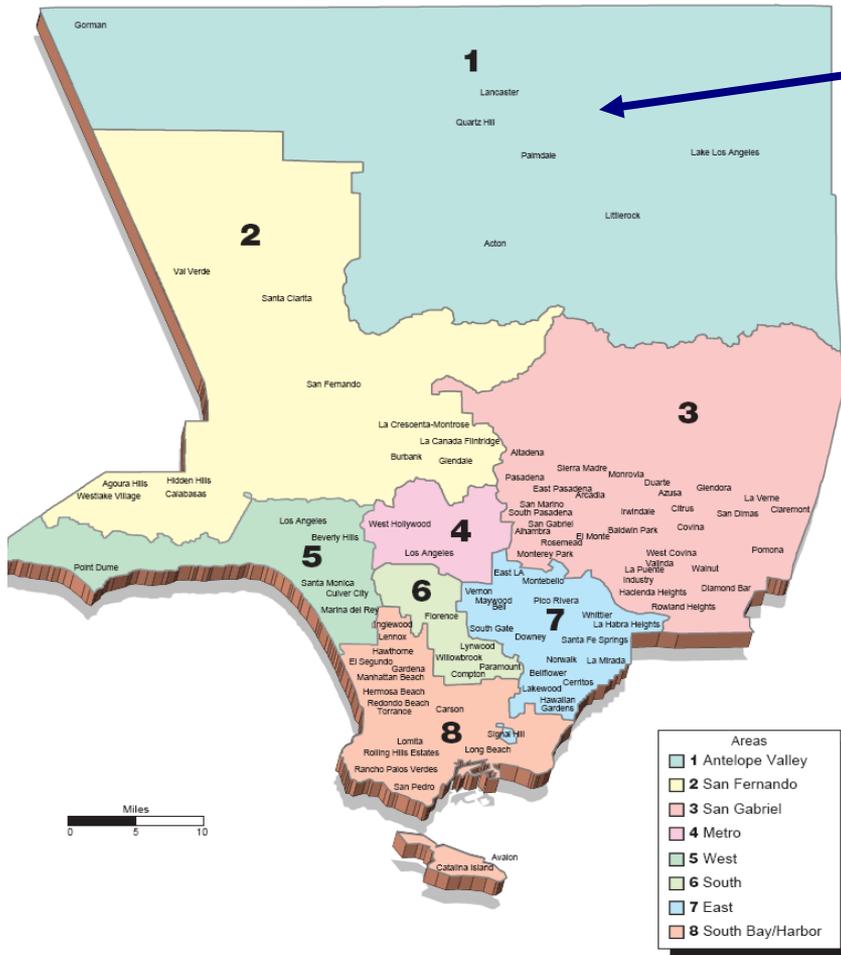
Current work



Los Angeles, California



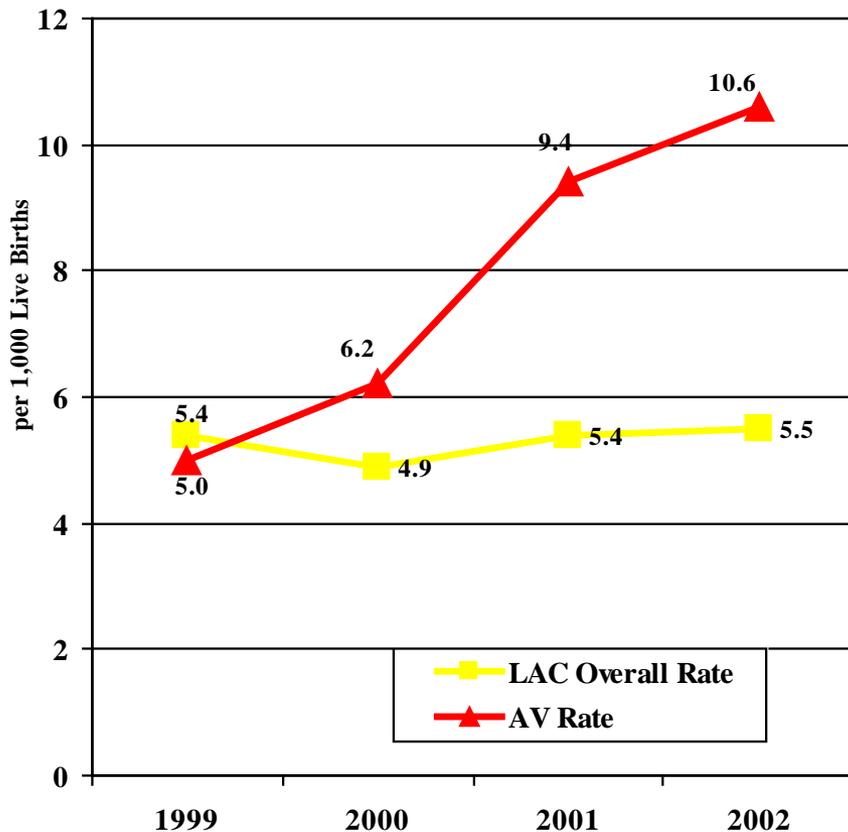
Antelope Valley (AV)



- Relatively isolated
- 4,903 live births in 2002
- Mother's race/ethnicity:
 - 17% African American
 - 46% Hispanic
 - 33% White
- 1 in 8 household incomes under Federal Poverty Level (1 in 5 in LAC).



Increasing Infant Mortality in AV 1999-2002

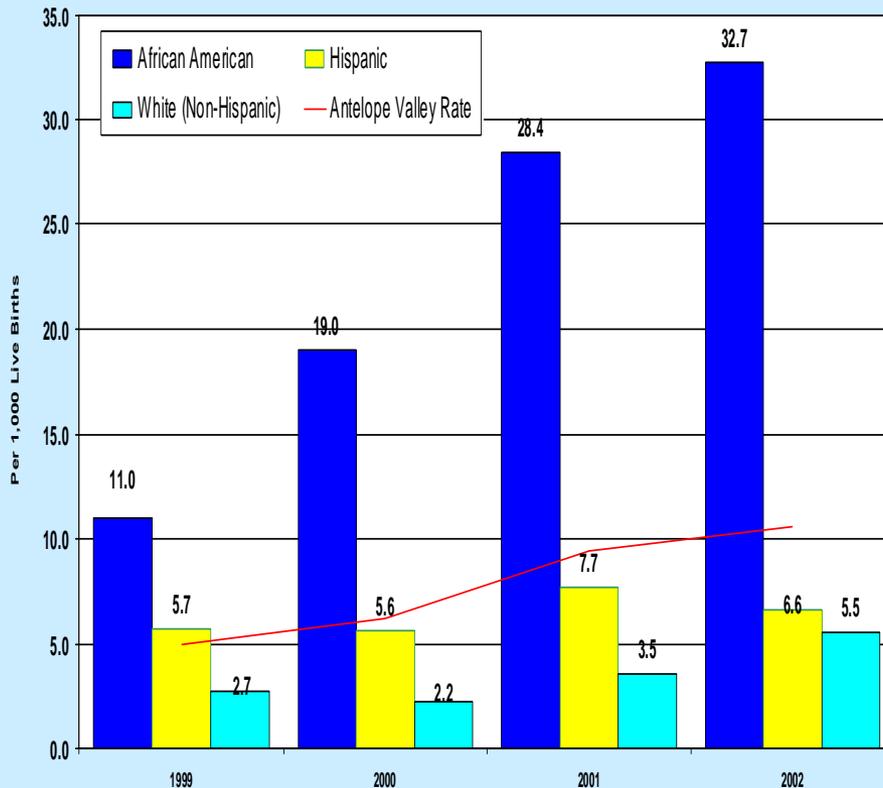


- Countywide IM rates were 4.9 to 5.5 from 1999 – 2002
- AV IM rate more than doubled in the same period
- In 2002, there were 4903 live births and 53 infant deaths in AV*

* Small numbers cause large changes in rates



Highest Rates in African Americans



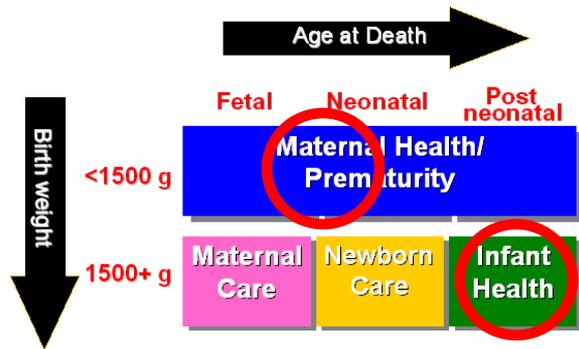
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1999 to 2002

- African American rate increased from 11.0 in 1999 to 32.7/1,000 live births in 2002



Response





PPOR Focus Area	Potential Community/PH Interventions
Maternal Health/Prematurity	Preconceptual Health Health Behaviors Perinatal Care
Maternal Care	Prenatal Care Referral System High Risk OB Care
Newborn Care	Perinatal Management Perinatal System Pediatric Surgery
Infant Health	Sleep Position Breast-Feeding Injury Prevention

Data Source: Birth Cohort data, California Department of Health Services, Center for Health Statistics, Vital Statistics, 2002.

Focus Group Findings

Women

- Transportation to prenatal care
- Health concerns not taken seriously
- Stereotyped as single welfare moms
- Satisfaction with care after delivery

Providers

- Women entering late into prenatal care
- Difficulty in accessing high risk prenatal care
- Serious concern and commitment to collaborate



Maternal and Infant Health

Comprehensive case review

- National FIMR protocol

Los Angeles Mommy and Baby Project

- Population-based, case control
- Factors linked with poor birth outcomes
- Events before, during, and shortly after pregnancy



Case Review Findings

27 Neonatal Deaths (<1500 g, 0-28 days)

Mother

- At least one risk factor for poor birth outcomes (100%)
- Psychosocial issues (65%)
- Infection – mostly UTI and STD (54%)
- Prenatal care began after 12th week (35%)

Infant

- Documented infection (22%)
- Congenital birth defect (15%)



Case Review Findings (continued)

13 Infant Deaths (> 1500 g, 29-365 days)

Mother

- At least one risk factor for poor birth outcomes (85%)
- Psychosocial issues (77%)
- Prenatal care began after 12th week (54%)

Infant

- Safety-related issues (54%)
- Congenital birth defect (46%)



LAMB Findings

Moms with poor birth outcomes tend to have:

- No insurance before pregnancy
- Previous low birth weight/preterm
- Inadequate prenatal care
- High blood pressure during pregnancy
- Early labor pain, water broke early
- Less happy during pregnancy
- Smoked during pregnancy
- Unsafe neighborhood



Translating Data to Action

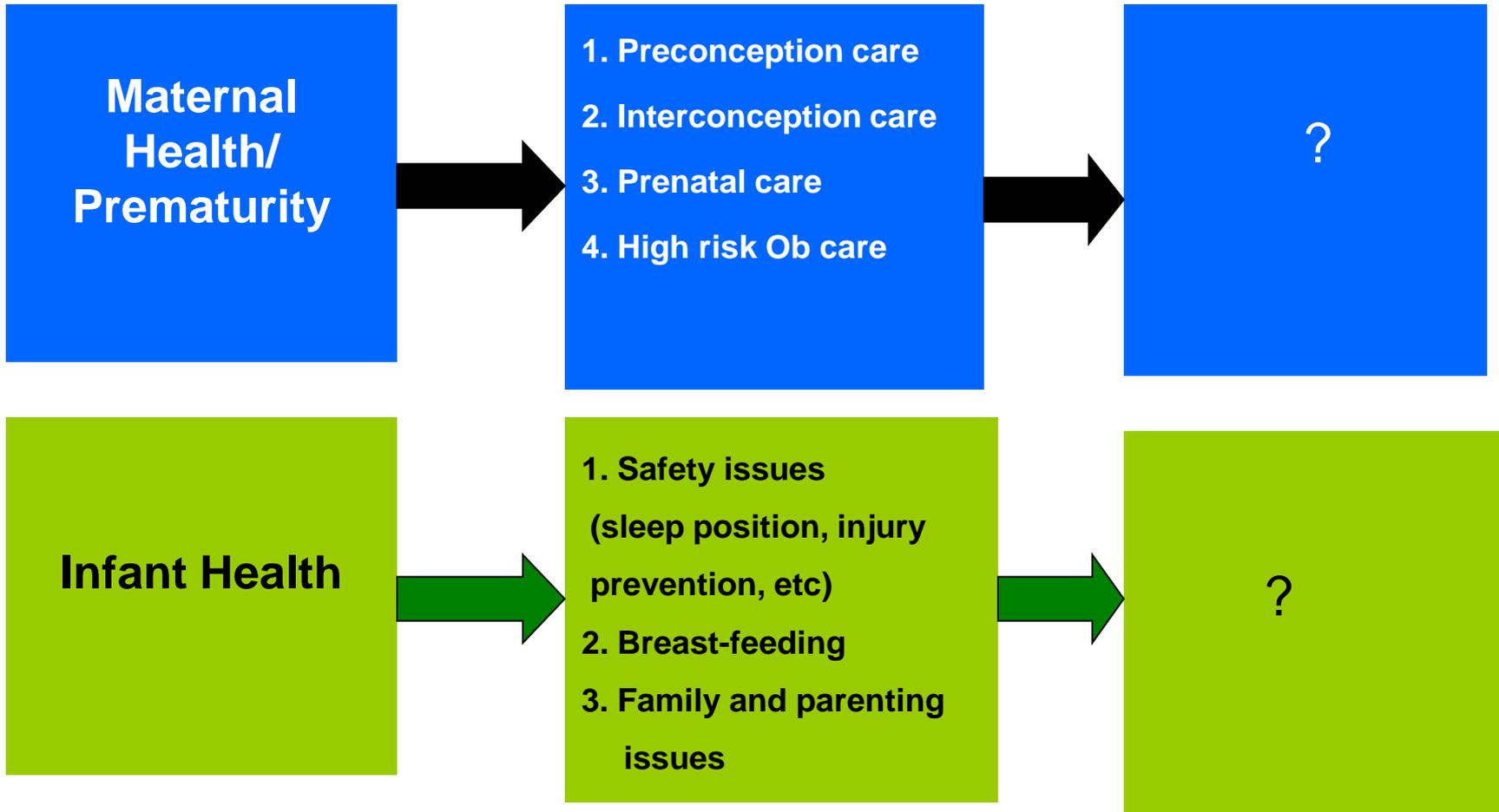
- Findings presented at Antelope Valley Best Babies Collaborative meeting (AVBBC)
- Over 50 community partners reviewed and identified intervention strategies
- 12 short-term and 4 long-term interventions



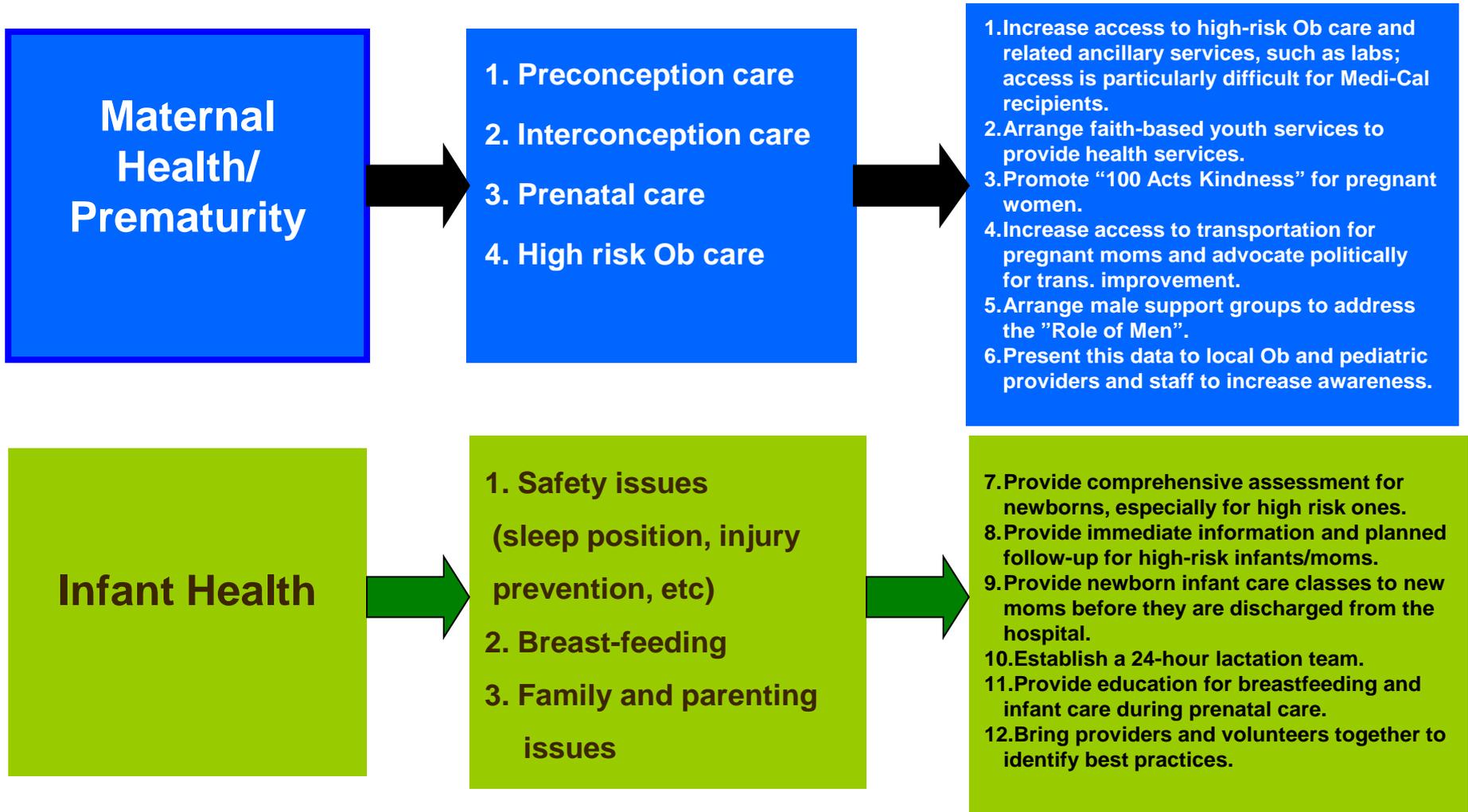
Where do we intervene?



Areas for Strategic Intervention



12 Short-term Interventions



From Proposals to Policy

Service Expansion and Linkages

- Antelope Valley Best Babies Collaborative
- Faith-Based Efforts
- Better hospital discharge planning
- Better linkage to MCAH Programs
 - Nurse Family Partnership
 - Black Infant Health
 - CPSP

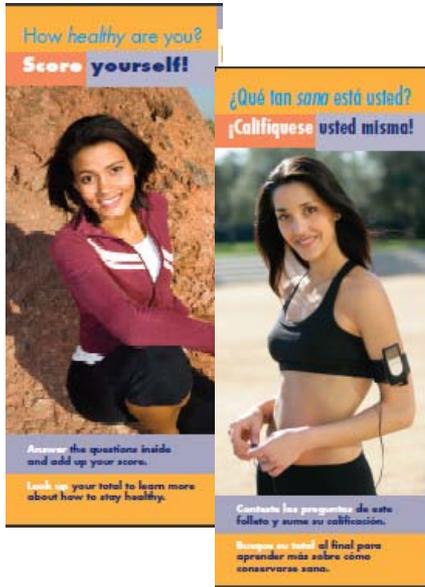


Collaboratives

- Preconception Health
- Healthy Weight for Women of Reproductive Age
- Partnership to Eliminate Disparities in Infant Mortality
- Perinatal Mental Health Task Force
- Maternal Care Quality Improvement Project



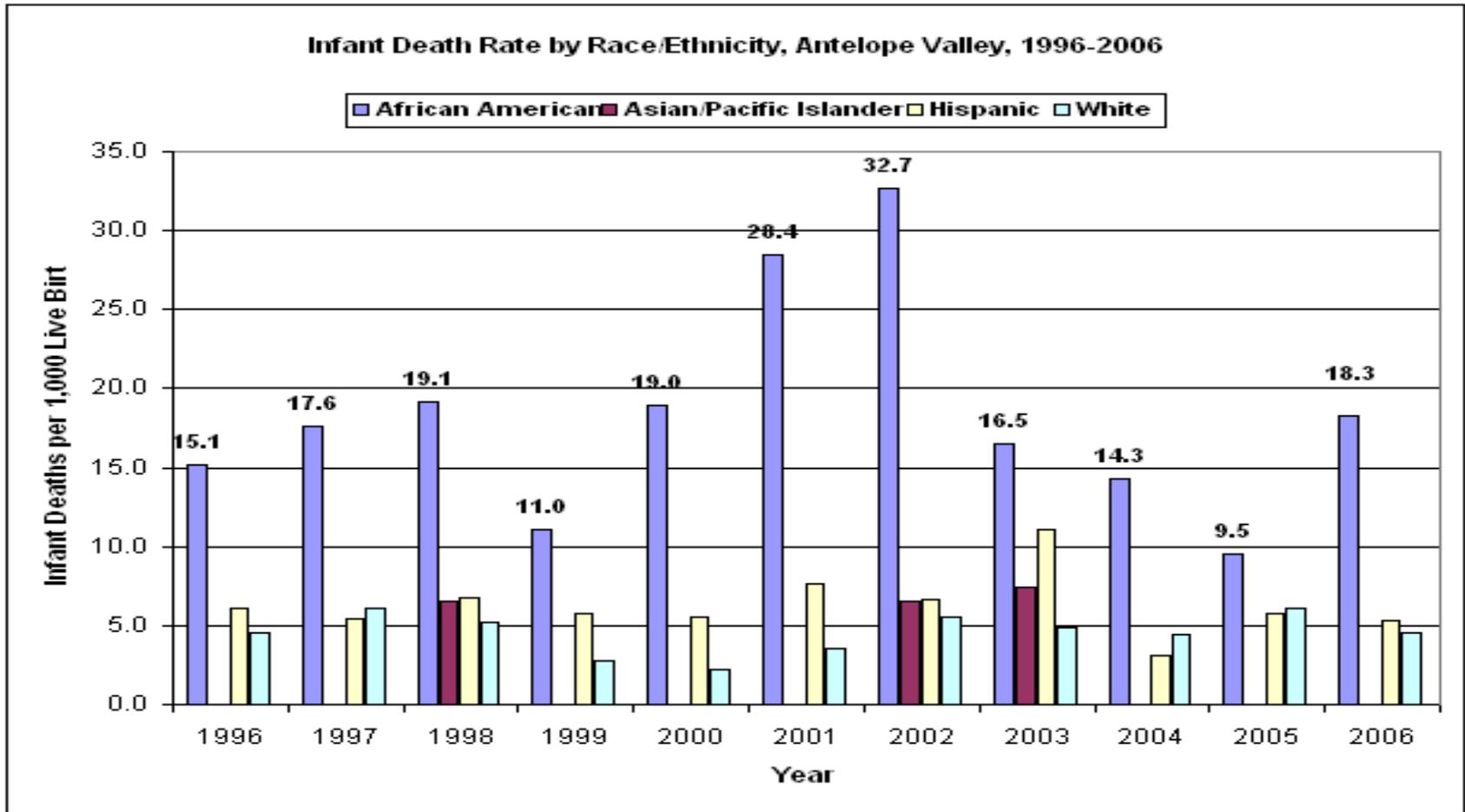
Community Engagement



- How *healthy* are you?
- Reproductive Life Plan toolkit
Your Health, Your Life Plan: A Reproductive Health Life Planner for all Ages
- Find and share best practices to counter institutional racism on infant mortality
- Build local capacity to help women achieve healthy weight



Infant Death Rate by Race/Ethnicity Antelope Valley, 1996-2006



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