

# ***“The ASTHO Presidential Challenge”***

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# ASTHO Presidential Challenges

- **Judy Monroe: Walking the Talk**
- **Paul Halverson: Reduce Preventable Injuries and Death in the United**
- **John Auerbach: Promoting health equity to reduce disparities**

# 2011 Presidential Challenge

**Improve birth outcomes by reducing infant mortality and prematurity in the United States**

## **Objectives:**

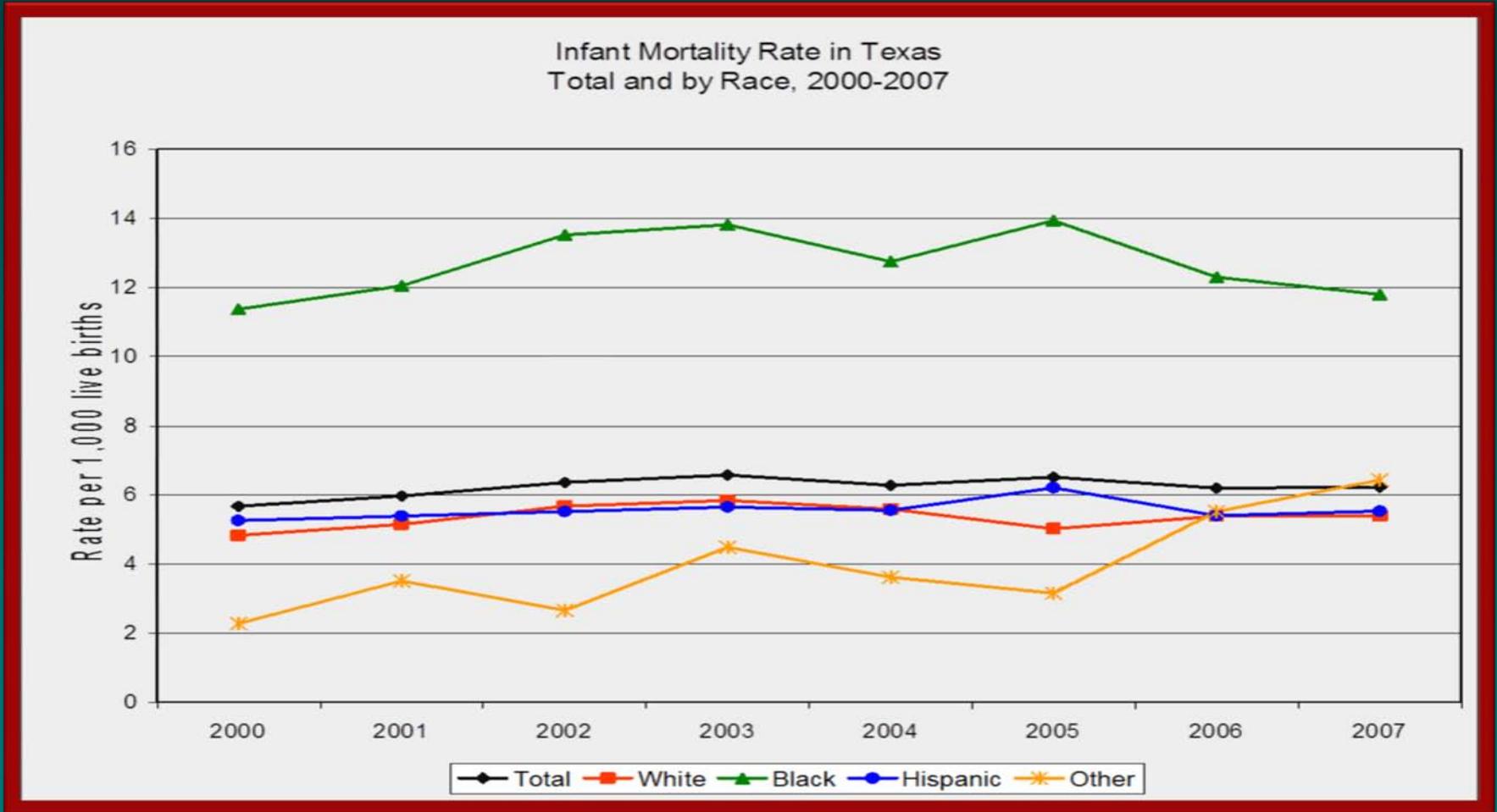
**Focus on improving birth outcomes as SHOs and state leadership teams work with state partners on health and community system changes**

**Create a unified message that builds on the best practices from around the nation**

**Develop clear measurements to evaluate targeted outreach, progress, and return on investment**

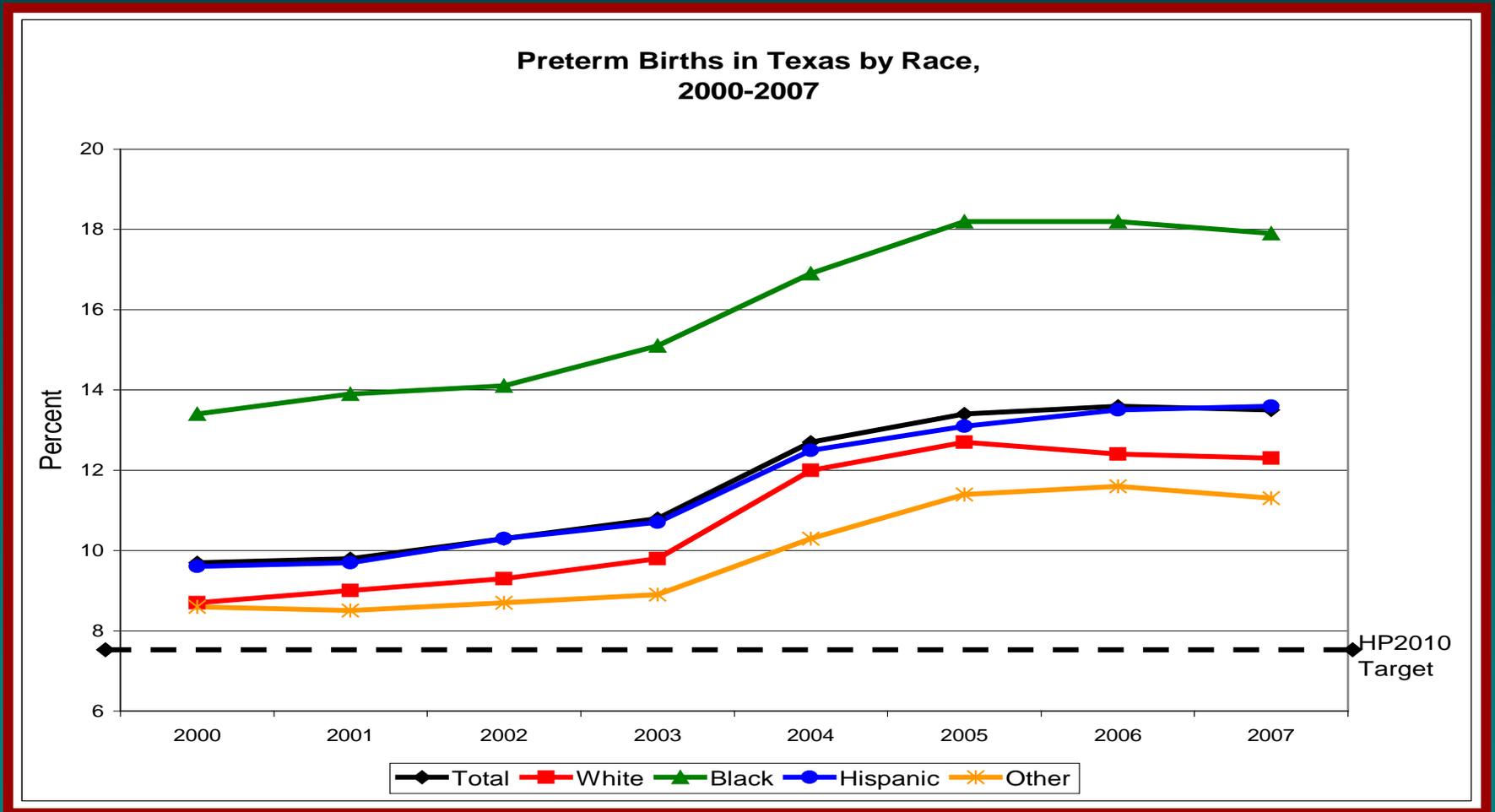
# Infant Mortality Rates by Race

(Texas 2000-2007)



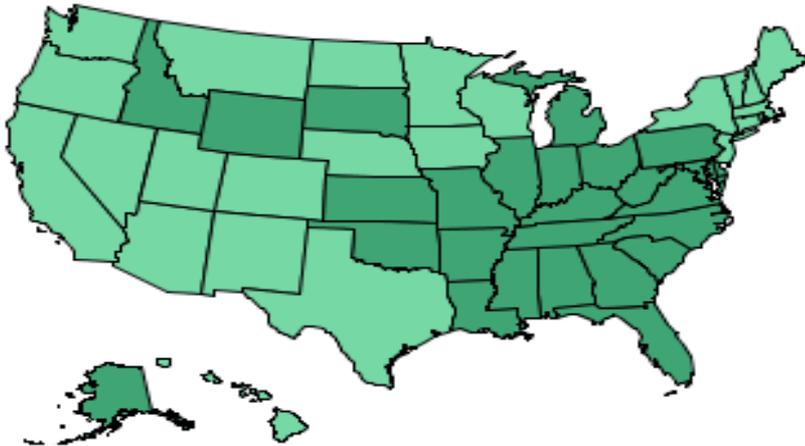
# Preterm Births by Race

(Texas, 2000 – 2007)



# Infant Mortality

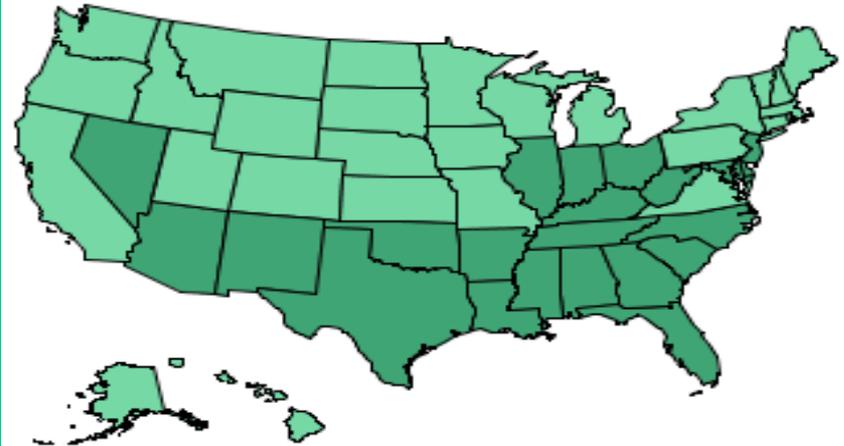
# Prematurity



## Rate per 1,000 live births

- Higher than US Rate of 6.7 (27)
- Between HP2010 Objective and US Rate (24)
- Met or lower than HP2010 Objective of 4.5 (0)

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## Percent of live births

- Higher than US Rate of 12.8 (23)
- Between HP2010 Objective and US Rate (28)
- Met or lower than HP2010 Objective of 7.6 (0)

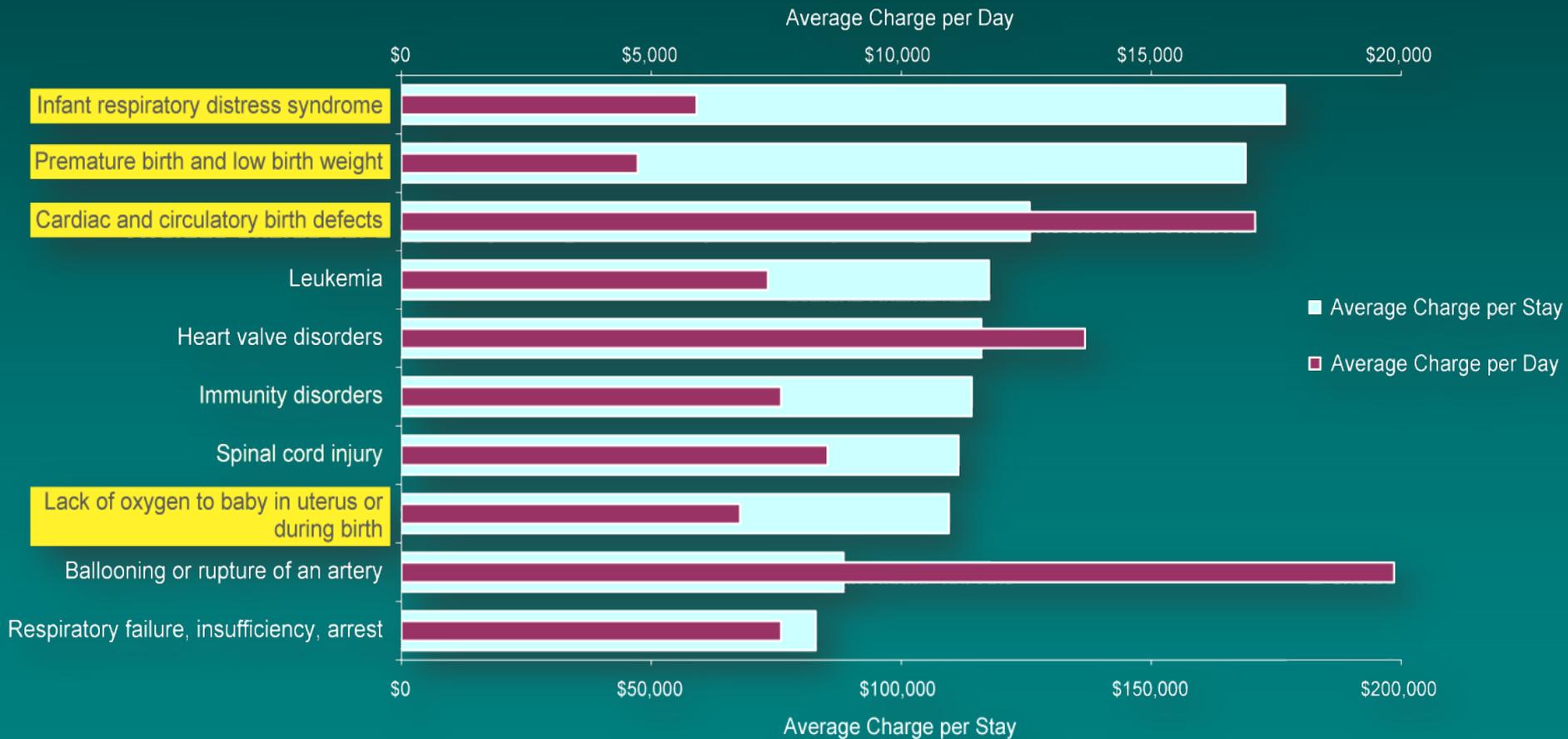
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# Texas Medicaid Costs

- **>55% of all Texas births (225,000) paid by Medicaid**
- **\$2.2 billion per year in birth and delivery-related services for moms and infants through first year**
  - ~70% of Medicaid costs for hospitalized newborns tied to billing codes for prematurity
- **Infant care costs growing by ~10% per year**
  - 50% are attributable to extremely preterm infants
- **Newborn costs (1<sup>st</sup> year)**
  - Preterm infant: \$63,124
  - Normal infant: \$404

# Poor Health of Newborn Infants Drives Hospital/Healthcare Costs

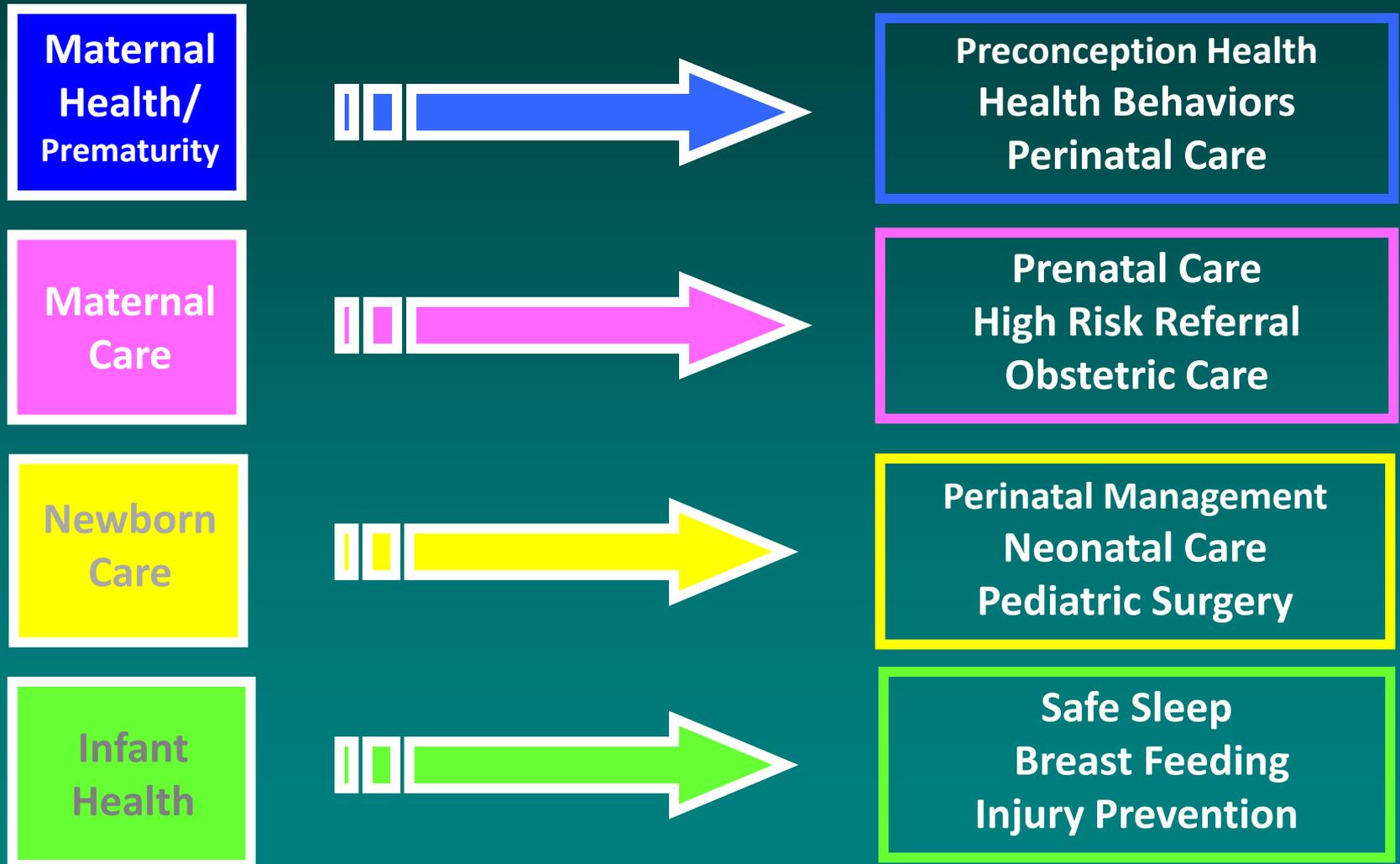
Average Charge per Stay and per Day for the Top 10 Principal Diagnoses with Highest Charges per Stay, 2006



# Inductions and Cesarean Sections

- They are increasing
  - Induction rates increased by 37% in Texas between 2000-2007
  - C-section rates increased by 33.2% in Texas between 2000-2007
- They are common.
  - 1 in 4 deliveries are induced in Texas
  - 1 in 3 women in Texas gave birth by C-section
- They occur before 39 weeks
  - In 2007, 38.1% of single-birth inductions were performed before 39 weeks of gestation
  - ~74% of all single-birth C-sections were performed without attempting labor

# Possible Points for Intervention



# Four Steps to Reducing Prematurity by 8% by 2014

- **Ensure universal access to 17P for eligible women.**
  - Reduction of 10,000 PTB
- **Eliminate the incidence of higher order multiples due to assistive reproductive technologies, 97 percent of whom are born preterm.**
  - Reduction of 2,300 PTB
- **Reduce rates of smoking among pregnant women by 10 percent.**
  - Reduction of 1,300 PTB
- **Reduce non-medically indicated elective inductions and cesarean sections prior to 39 weeks gestation.**
  - Reduction of 25,000 PTB

**Thank You!**