



**July—September 2011**  
**Fast Facts**

**Prenatal Care Adequacy, 1998-2009**

Key Information and Findings:

- The percent of women who receive at least adequate prenatal care during pregnancy has increased in the past decade
- Louisiana still fails to meet the Healthy People goal of at least 90% of women receiving at least adequate care
- While the proportion of women receiving inadequate and intermediate care has declined, the proportion of women receiving adequate plus care has increased dramatically
- Of concern is this high proportion of women who receive more than adequate care (adequate plus group), as these women are likely representative of high risk pregnancies
- 2008 data confirms that over 50% of preterm deliveries, infant deaths, and infants admitted to the NICU were born to mothers who received more than the expected amount of prenatal care during pregnancy

**Definitions for Kotelchuck APNCU Index:**

Each category represents the quantity of prenatal care for gestational age at delivery

Adequate Plus: 110% + of expected visits

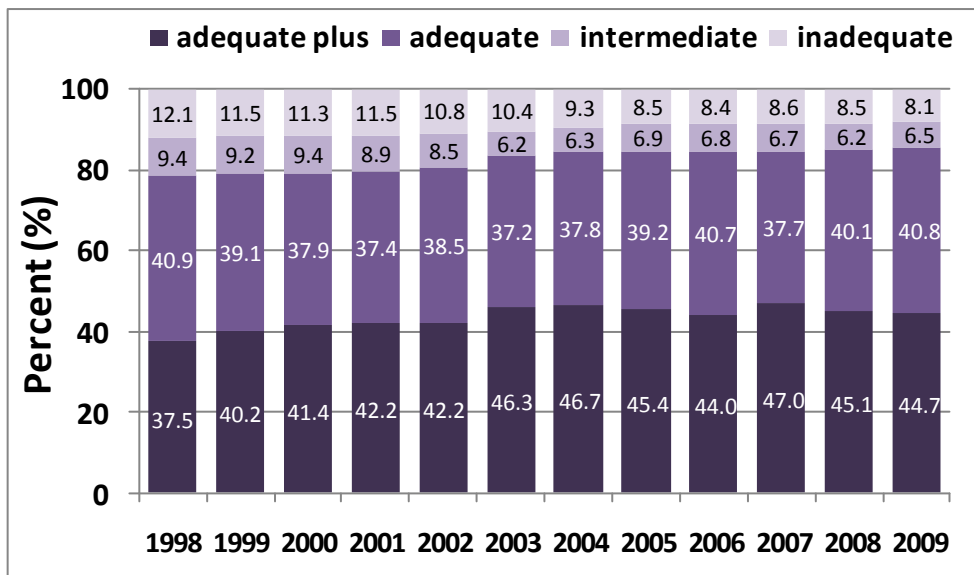
Adequate: 80-109% of expected visits

Intermediate: 50-79% of expected visits

Inadequate: 0-49% of expected visits

**DID YOU KNOW?..**

**Adequacy of Prenatal Care Utilization, 1998-2009**  
 Prenatal Care Utilization in Louisiana (APNCU, Kotelchuck Index)



**Distribution of APNCU among Louisiana women with selected risk factors, 2008\***

Condition	Prevalence Wt n (%)	Inadequate %	Intermediate %	Adequate %	Adequate Plus %
Hypertension	3,897 ( 6.2)	10.8	2.8	18.3	68.1
Diabetes	1,360 ( 2.2)	0.0	0.2	24.5	75.3
Overweight	14,430 (22.9)	5.7	4.5	38.2	51.6
Obese	13,979 (22.2)	15.0	4.4	36.8	43.2
Prior PTB	5,529 (17.0)	13.7	2.6	20.9	62.9

\* Data Source: Louisiana PRAMS data using estimates of weighted n and percent

**Distribution of APNCU among Louisiana women by birth outcome, 2008\***

Condition	Prevalence Wt n (%)	Inadequate %	Intermediate %	Adequate %	Adequate Plus %
Preterm	8351 (12.7)	10.7	1.8	6.8	80.3
Infant death	572 ( 0.9)	10.5	3.5	15.7	69.6
NICU stay	8014 (13.3)	11.2	1.7	29.8	56.1

\* Data Source: Louisiana vital records birth data (preterm birth and infant death); Louisiana PRAMS data for NICU stay with estimates of weighted counts and percent