

TITLE V INDICATOR TEMPLATES

INDICATOR: Percent of births with adequacy prenatal care utilization (APNCU)

DEFINITION: The percent of live born infants whose mothers received adequate prenatal care as defined by the Adequacy of Prenatal Care Utilization Index (APNCU) developed by Milton Kotelchuck
This index does not assess the quality of the prenatal care that is delivered.

NUMERATOR: The number of live births to women who received adequate care, as defined by the APNCU criteria, by place of residence, in a calendar year

DENOMINATOR: The total number of live births, by place of residence, in a calendar year

HEALTHY PEOPLE 2010 OBJECTIVE: Increase to 90% the proportion of pregnant women who receive early and adequate prenatal care (Baseline: 74%, 1997) (Objective 16-6b)

RISK FACTORS: Inadequate Prenatal Care

Low income; young maternal age/teen pregnancy; low maternal education level; race/ethnicity (African American, Hispanic, American Indian/Alaska Native); high parity; maternal substance abuse; lack of health insurance; lack of obstetrical providers

	California				LA County			
	Adequate Prenatal Care		95% Confidence Interval		Adequate Prenatal Care		95% Confidence Interval	
Year	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
1993	401,698	68.7%	68.6%	68.8%	123,741	65.2%	65.0%	65.4%
1994	401,965	70.9%	70.8%	71.0%	125,820	69.7%	69.5%	70.0%
1995	393,989	71.5%	71.4%	71.6%	124,668	71.3%	71.1%	71.5%
1996	393,280	73.0%	72.9%	73.1%	125,129	74.1%	73.8%	74.3%
1997	377,072	71.9%	71.8%	72.1%	119,305	73.6%	73.4%	73.8%
1998	377,649	72.4%	72.3%	72.6%	118,837	74.9%	74.7%	75.1%
1999	379,000	73.2%	73.0%	73.3%	118,302	75.8%	75.5%	76.0%
2000	392,432	73.9%	73.7%	74.0%	116,175	73.8%	73.6%	74.0%
2001	379,402	71.9%	71.8%	72.1%	113,108	73.7%	73.5%	73.9%

DENOMINATOR: Live Births	
California	LA County
584,483	189,706
567,034	180,394
551,226	174,862
538,628	168,973
524,174	162,036
521,265	158,604
518,073	156,153
531,285	157,391
527,371	153,523

Notes: The APNCU Index attempts to characterize prenatal care utilization on two independent and distinctive dimensions: Adequacy of Initiation of Prenatal Care and Adequacy of Received Services (once prenatal care has begun). The initial dimension, Adequacy of Initiation of Prenatal Care, characterizes the adequacy of the timing of initiation of care (month prenatal care began). The second dimension, Adequacy of Received Services, characterizes the adequacy of prenatal care visits (number of visits) received during the time the mother is actually in prenatal care (from initiation until the delivery). The adequacy of prenatal visits is based on the recommendations established by the American College of Obstetricians and Gynecologists.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1993 - 2001