

Fetal Mortality

TITLE V INDICATOR TEMPLATE

INDICATOR: Fetal Mortality Rate

DEFINITION: The number of fetal deaths occurring at 20 weeks or more gestation per 1,000 live births plus fetal deaths

NUMERATOR: The number of fetal deaths occurring at 20 weeks or more gestation, by place of residence, in a calendar year

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

HEALTHY PEOPLE 2010 OBJECTIVE:

Reduce the fetal death rate (20 or more weeks of gestation) to no more than 4.1 per 1,000 live births plus fetal deaths. (Baseline: 6.8 per 1,000 live births plus fetal deaths in 1997) (Objective 16-1a)

RISK FACTORS:

Race/ethnicity (African American); maternal diabetes; pregnancy complications; maternal medical complications/chronic illness during pregnancy (including severe maternal infection); Rh sensitization; congenital anomalies; intrauterine cocaine exposure; maternal history of miscarriage

Year	California				Los Angeles County			
	Fetal Mortality		95 % Confidence Interval		Fetal Mortality		95 % Confidence Interval	
	Deaths	Rate	Lower	Upper	Deaths	Rate	Lower	Upper
1997	2,996	5.7	5.5	5.9	866	5.3	5.0	5.7
1998	3,053	5.8	5.6	6.0	821	5.1	4.8	5.5
1999	2,927	5.6	5.4	5.8	801	5.1	4.8	5.5
2000	3,046	5.7	5.5	5.9	864	5.5	5.1	5.8
2001	2,952	5.6	5.4	5.8	784	5.1	4.7	5.4
2002	2,649	5.0	4.8	5.2	740	4.9	4.5	5.2
2003	2,702	5.0	4.8	5.2	756	4.9	4.6	5.3
2004	2,654	4.8	4.7	5.0	708	4.7	4.3	5.0
2005	2,788	5.1	4.9	5.2	790	5.2	4.9	5.6
2006	2,779	4.9	4.7	5.1	759	5.0	4.6	5.3

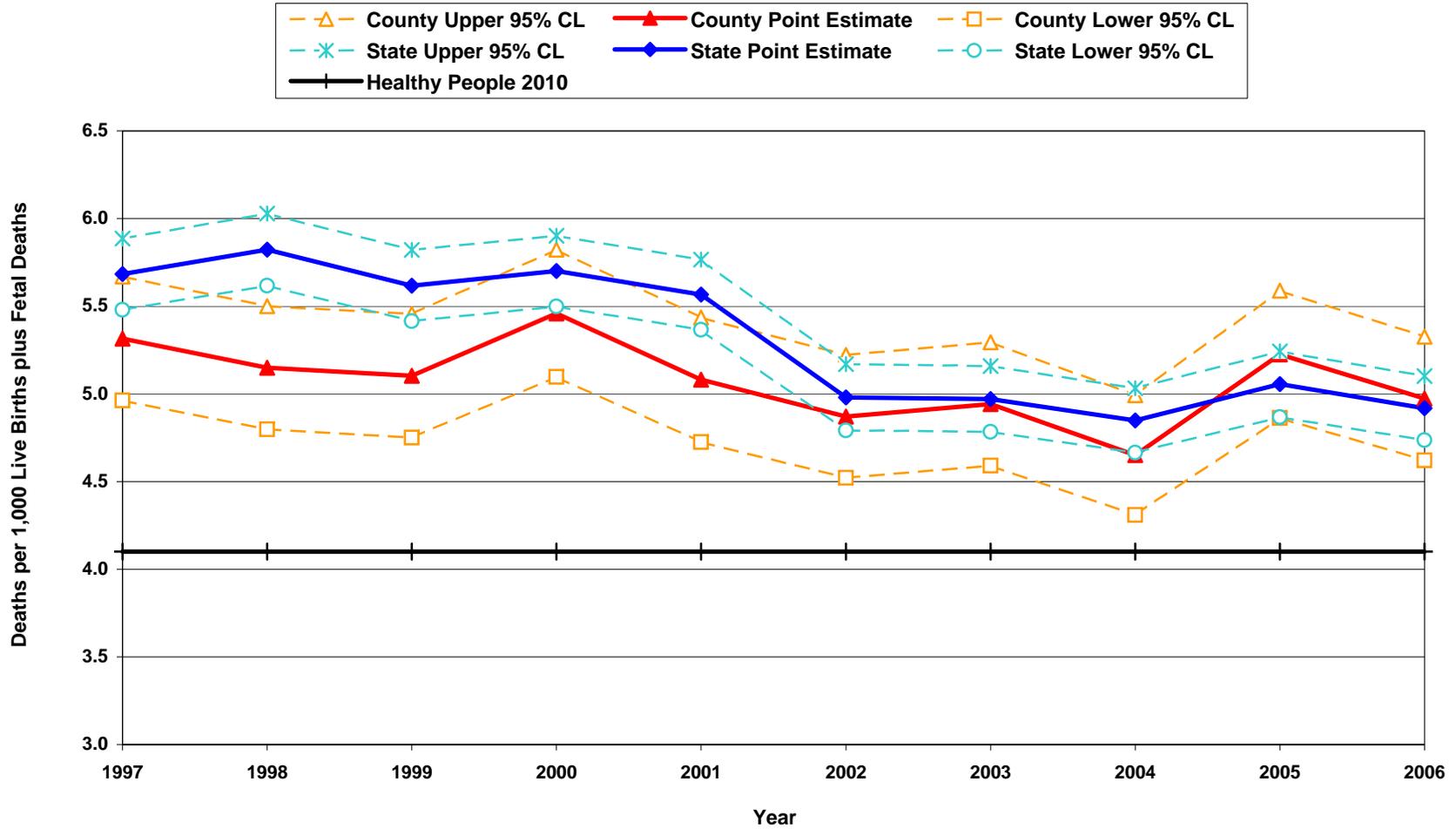
Denominator: Total Births		
Year	California	LA County
1997	527,170	162,902
1998	524,318	159,425
1999	521,000	156,954
2000	534,331	158,255
2001	530,323	154,307
2002	531,894	151,907
2003	543,529	152,948
2004	547,339	152,212
2005	551,488	151,167
2006	564,936	152,596

Note: Total Births = Live Births + Fetal Deaths.

For number of fetal deaths in Los Angeles County, records with missing gestational age are excluded. (n=70 in 2006)

Source: California Department of Public Health, Center for Health Statistics, Vital Statistics, 1997-2006.

Fetal Deaths per 1,000 Live Births plus Fetal Deaths California vs. Los Angeles County, 1997-2006

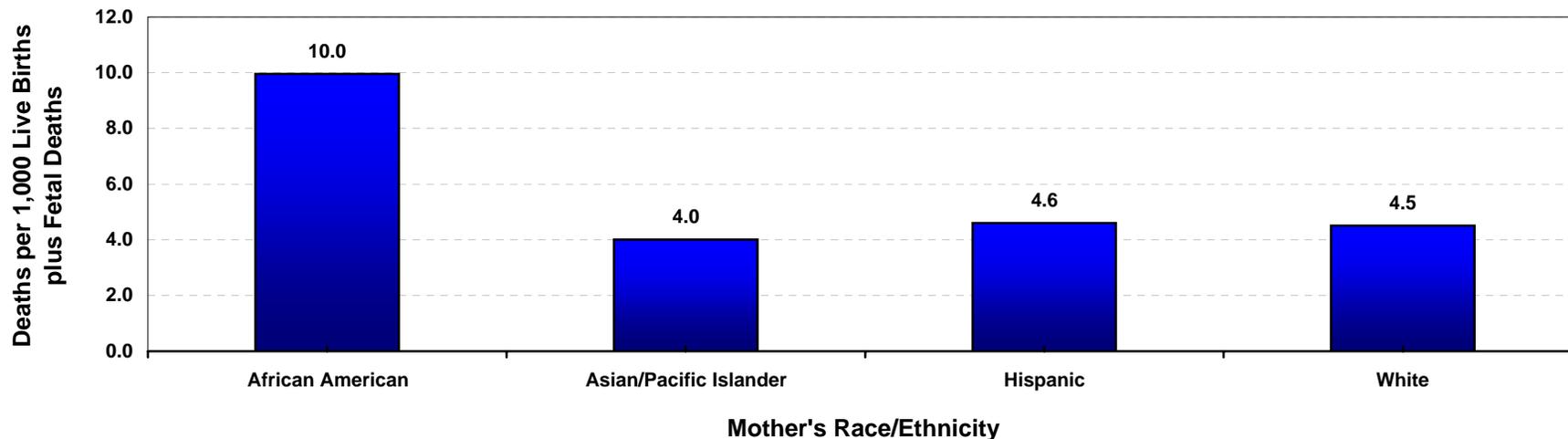


Year 2010 Objective: Reduce fetal mortality (20 or more weeks of gestation) rate to no more than 4.1 per 1,000 live births plus fetal deaths.

Note: For number of fetal deaths in Los Angeles County, records with missing gestational age are excluded. (n=70 in 2006)

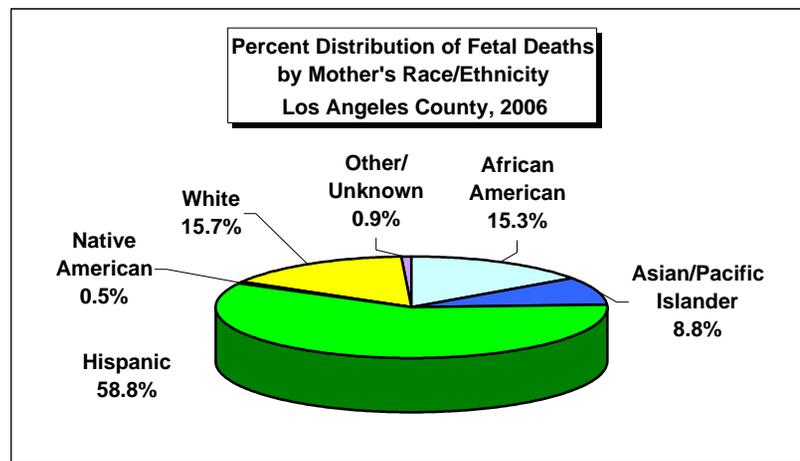
Source: California Department of Public Health, Center for Health Statistics, Vital Statistics, 1997-2006.

Fetal Mortality Rate by Mother's Race/Ethnicity Los Angeles County, 2006



Los Angeles County, 2006				
Mother's Race/Ethnicity	Fetal Mortality		95% Confidence Interval	
	Deaths	Rate	Lower	Upper
African American	116	10.0	8.7	11.2
Asian/Pacific Islander	67	4.0	3.3	4.7
Hispanic	446	4.6	4.3	4.9
Native American	4	N/C	N/C	N/C
White	119	4.5	3.9	5.1
Other/Unknown	7	N/A	N/A	N/A
Total	759	5.0	4.7	5.2

Total Live Births plus Fetal Deaths
11,647
16,732
96,936
239
26,398
644
152,596



Year 2010 Objective: Reduce fetal mortality (20 or more weeks of gestation) rate to no more than 4.1 per 1,000 live births plus fetal deaths.

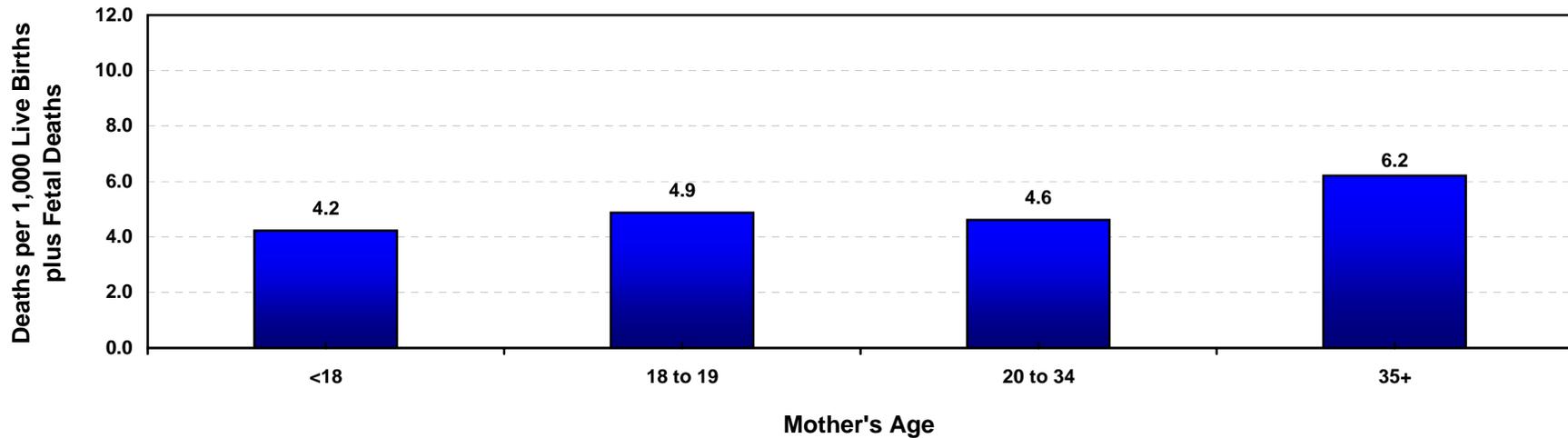
Note: Fetal mortality rate is defined as deaths occurring at 20 weeks or more gestation per 1,000 live births plus fetal deaths.

African American, Asian/Pacific Islander, Native American, White and other races exclude Hispanic ethnicity. Hispanic includes any race category.

Rates are not calculated (N/C) if fewer than five deaths. Rates are not applicable (N/A) in the "Unknown" category.

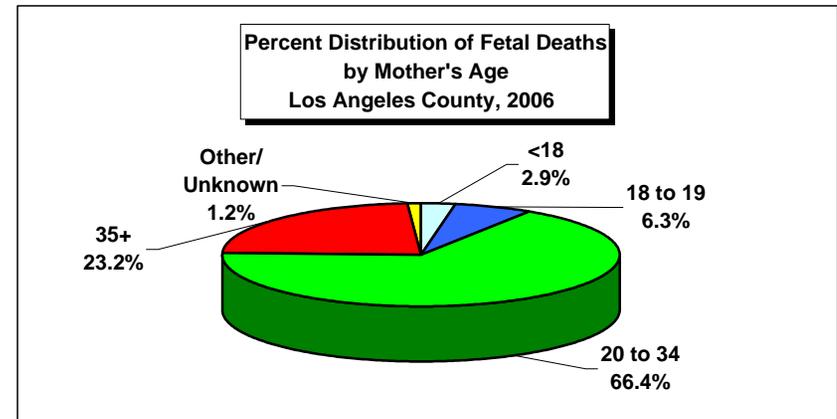
Source: California Department of Public Health, Center for Health Statistics, Vital Statistics, 2006.

Fetal Mortality Rate by Mother's Age Los Angeles County, 2006



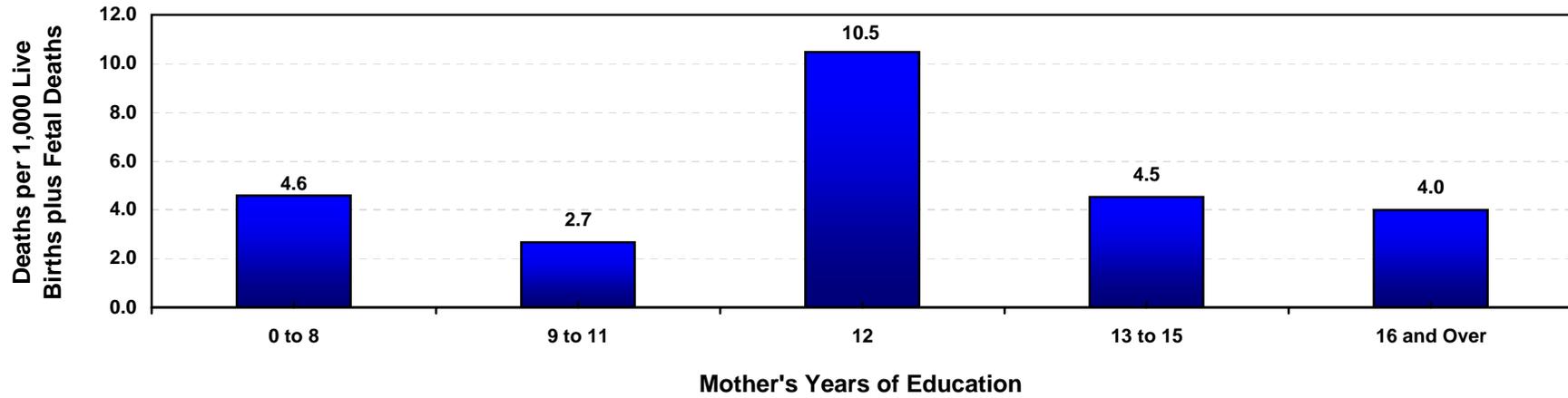
Los Angeles County, 2006				
Mother's Age	Fetal Mortality		95% Confidence Interval	
	Deaths	Rate	Lower	Upper
<18	22	4.2	3.0	5.5
18 to 19	48	4.9	3.9	5.8
20 to 34	504	4.6	4.3	4.9
35+	176	6.2	5.6	6.9
Other/Unknown	9	NA	NA	NA
Total	759	5.0	4.7	5.2

Total Live Births plus Fetal Deaths
5,205
9,852
109,176
28,332
31
152,596



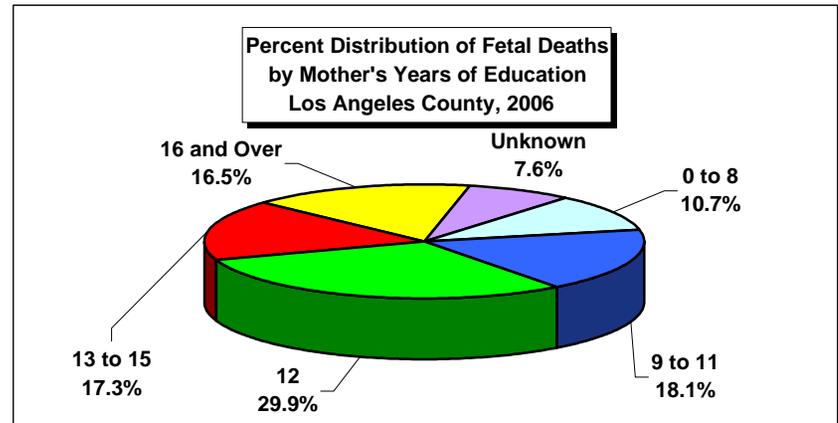
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 Source: California Department of Public Health, Center for Health Statistics, Vital Statistics, 2006.

**Fetal Mortality Rate by Mother's Years of Education
Los Angeles County, 2006**

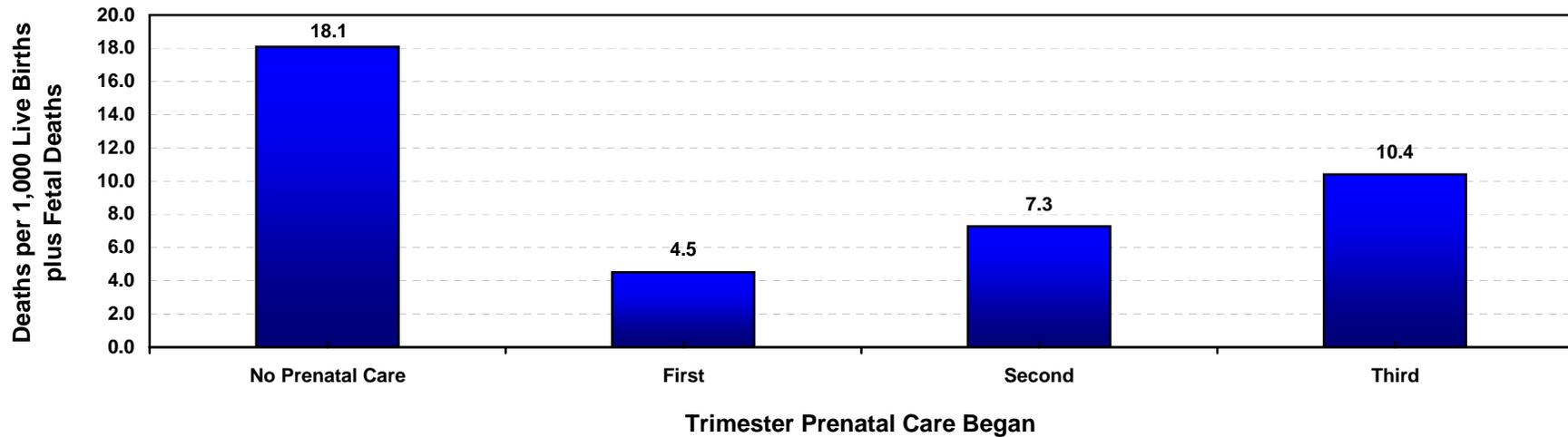


Los Angeles County, 2006				
Mother's Years of Education	Fetal Mortality		95% Confidence Interval	
	Deaths	Rate	Lower	Upper
0 to 8	81	4.6	3.9	5.3
9 to 11	137	2.7	2.4	3.0
12	227	10.5	9.5	11.4
13 to 15	131	4.5	4.0	5.1
16 and Over	125	4.0	3.5	4.5
Unknown	58	33.4	27.4	39.4
Total	759	5.0	4.7	5.2

Total Live Births plus Fetal Deaths
17,660
51,342
21,668
28,922
31,267
1,737
152,596

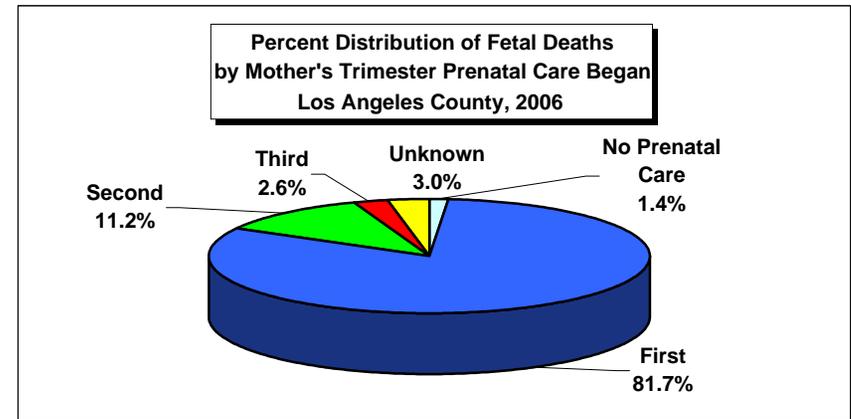


**Fetal Mortality Rate by Mother's Trimester Prenatal Care (PNC) Began
Los Angeles County, 2006**



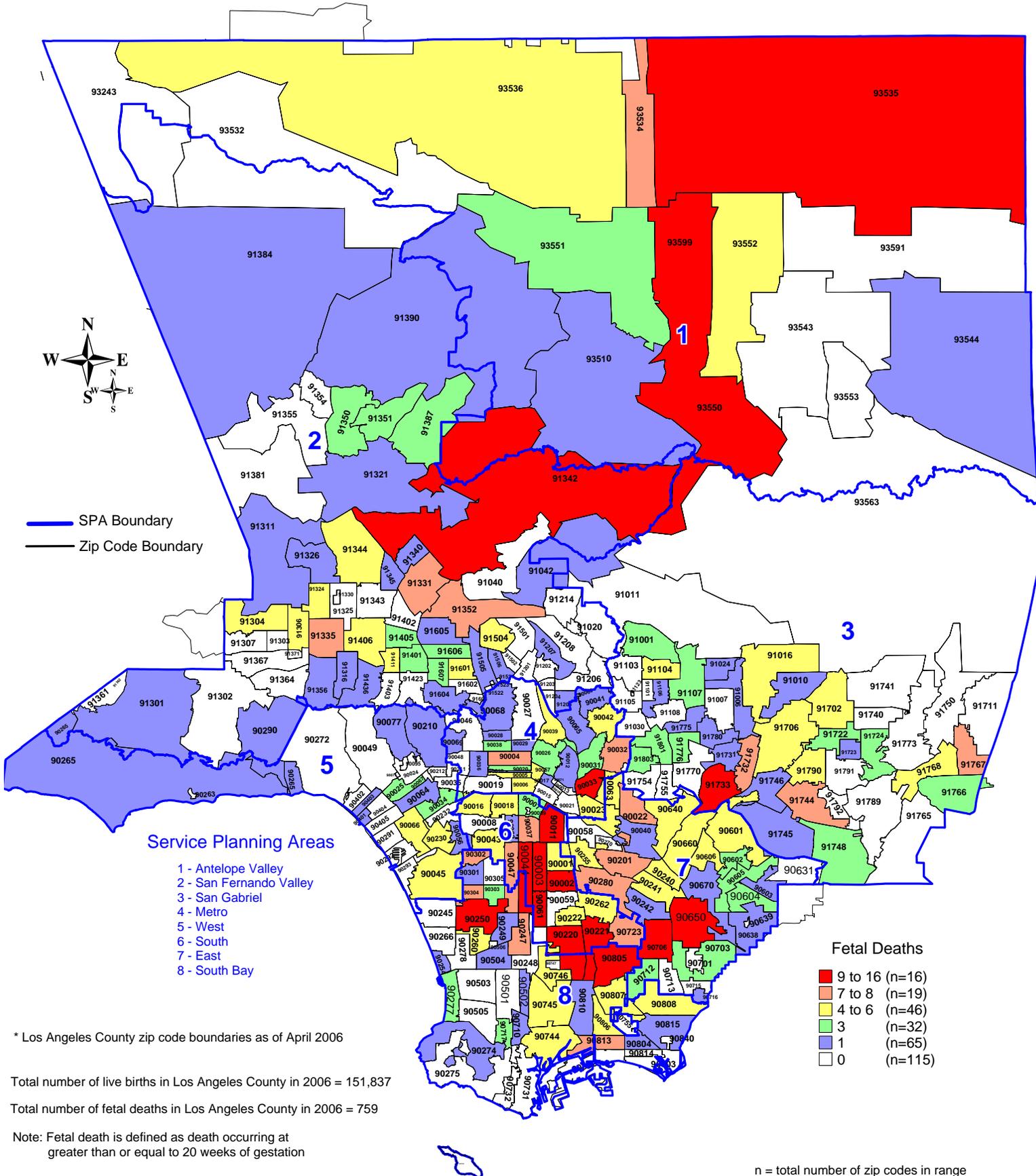
Los Angeles County, 2006				
Mother's Trimester Prenatal Care Began	Fetal Mortality		95% Confidence Interval	
	Deaths	Rate	Lower	Upper
No Prenatal Care	11	18.1	10.6	25.6
First	620	4.5	4.3	4.8
Second	85	7.3	6.2	8.4
Third	20	10.4	7.2	13.6
Unknown	23	33.9	24.2	43.6
Total	759	5.0	4.7	5.2

Total Live Births plus Fetal Deaths
608
137,697
11,691
1,922
678
152,596



Number of Fetal Deaths by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2006



Fetal Mortality Rate by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2006

