



Los Angeles County

California MCAH Family Health Outcomes Project

TITLE V PERINATAL INDICATORS

2003



Maternal, Child, and Adolescent Health Program

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Live Birth

TITLE V PERINATAL INDICATORS 2003

INDICATOR: Crude Birth Rate

DEFINITION: The number of live births per 1,000 total population

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

DENOMINATOR: The total population, by place of residence, in a calendar year

HEALTHY PEOPLE 2010 OBJECTIVE:

None

RISK FACTORS: Not applicable

Year	California				LA County			
	Live Births		95% Confidence Interval		Live Births		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1994	567,034	18.0	17.9	18.0	180,394	19.8	19.7	19.9
1995	551,226	17.4	17.3	17.4	174,862	19.2	19.1	19.3
1996	538,628	16.9	16.8	16.9	168,973	18.6	18.5	18.6
1997	524,174	16.2	16.1	16.2	162,036	17.6	17.6	17.7
1998	521,265	15.9	15.8	15.9	158,604	17.1	17.0	17.2
1999	518,073	15.5	15.5	15.5	156,153	16.6	16.5	16.7
2000	531,285	15.6	15.6	15.6	157,391	16.5	16.4	16.5
2001	527,371	15.2	15.1	15.2	153,523	15.8	15.7	15.9
2002	529,245	15.0	14.9	15.0	151,167	15.3	15.2	15.4
2003	540,827	15.1	15.0	15.1	152,192	15.1	15.1	15.2

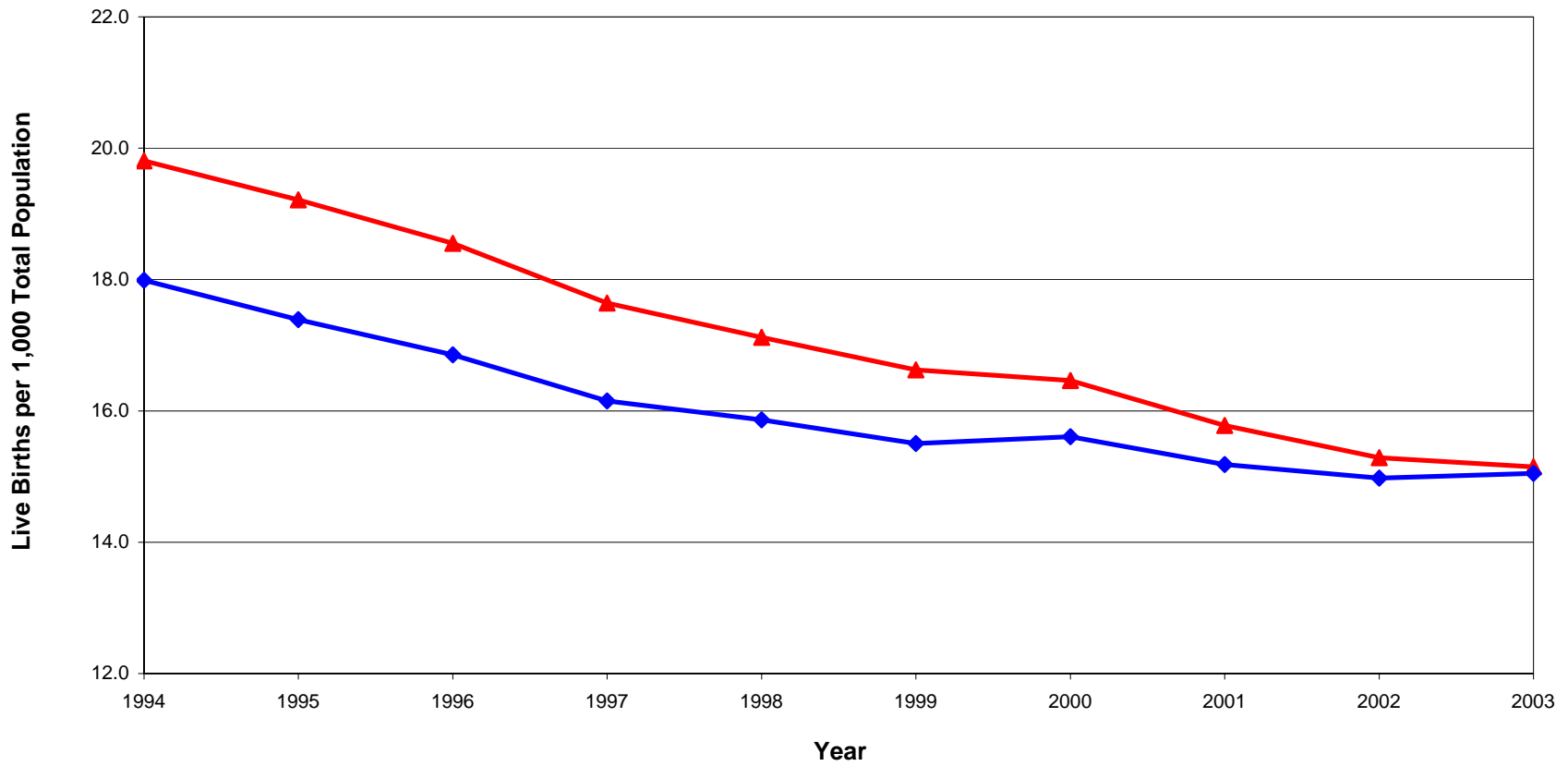
Denominator: Total Population		
Year	California	LA County
1994	31,522,590	9,106,503
1995	31,700,363	9,101,099
1996	31,959,275	9,108,120
1997	32,450,641	9,185,592
1998	32,861,720	9,265,790
1999	33,416,747	9,394,216
2000	34,043,198	9,559,635
2001	34,729,740	9,730,885
2002	35,338,807	9,889,170
2003	35,934,967	10,047,236

Sources: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.
California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

Live Births per 1,000 Total Population California vs. Los Angeles County, 1994-2003

LA County Rate

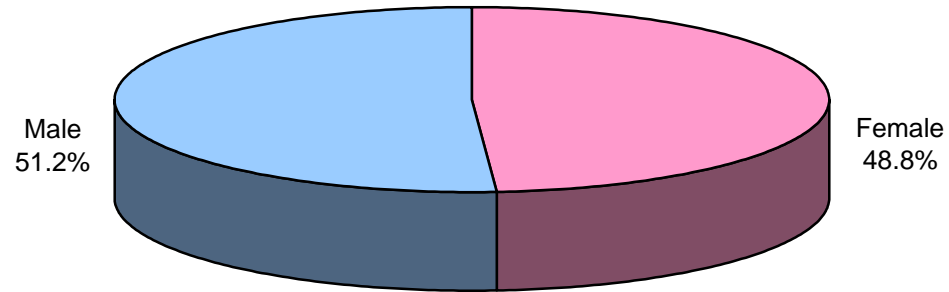
California Rate



Sources: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

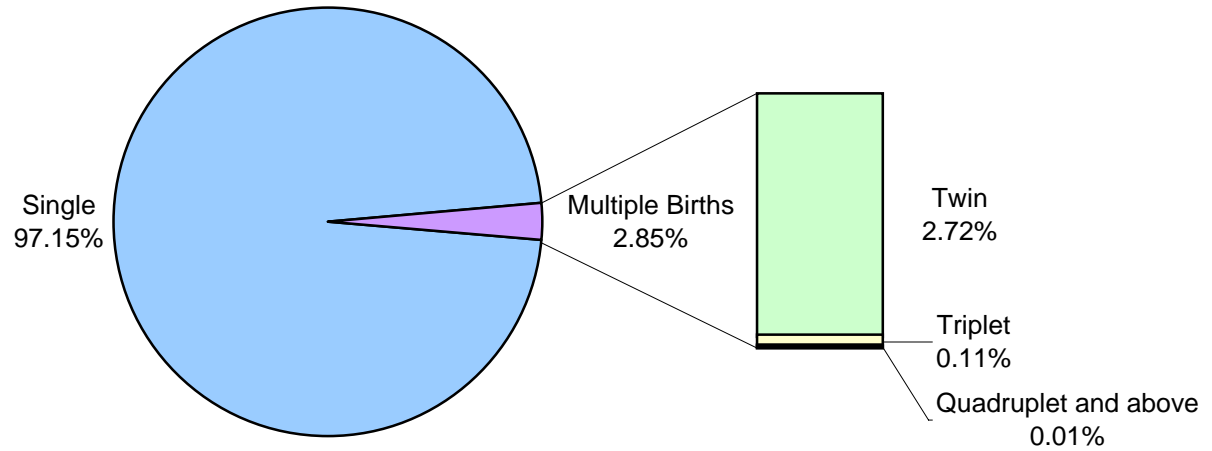
**Percent of Total Live Births by Newborn's Sex
Los Angeles County, 2003**



Los Angeles County, 2003				
Newborn's Sex	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
Female	74,241	48.8	48.5	49.0
Male	77,947	51.2	51.0	51.5
Unknown	4	N/C	N/C	N/C
Total	152,192	100.0	100.0	100.0

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

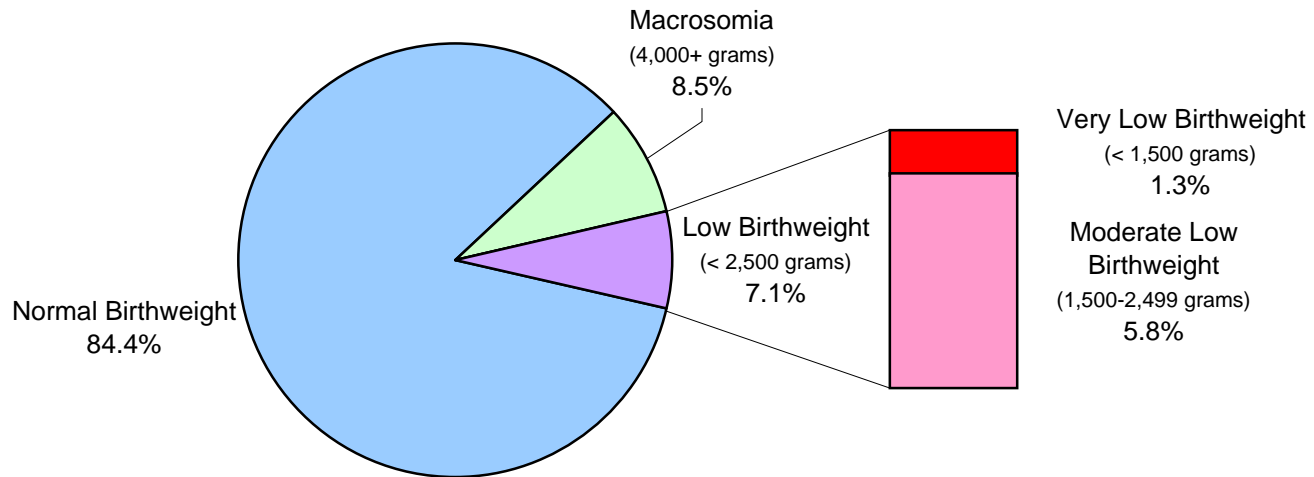
**Percent of Total Live Births by Type of Birth
Los Angeles County, 2003**



Los Angeles County, 2003				
Birth Type	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
Single	147,852	97.1	97.1	97.2
Twin	4,145	2.7	2.6	2.8
Triplet	174	0.1	0.1	0.1
Quadruplet and above	21	0.0	0.0	0.0
Other/Unknown	0	N/C	N/C	N/C
Total	152,192	100.0	100.0	100.0

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Total Live Births by Birthweight
Los Angeles County, 2003**



Los Angeles County, 2003				
Birthweight (grams)	Live Births		95% confidence Interval	
	Number	Percent	Lower	Upper
0 to 1,499	1,910	1.3	1.2	1.3
1,500 to 2,499	8,884	5.8	5.7	6.0
2,500 to 3,999	128,443	84.4	84.2	84.6
4,000+	12,949	8.5	8.4	8.6
Unknown	6	0.0	0.0	0.0
Total	152,192	100.0	100.0	100.0

Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

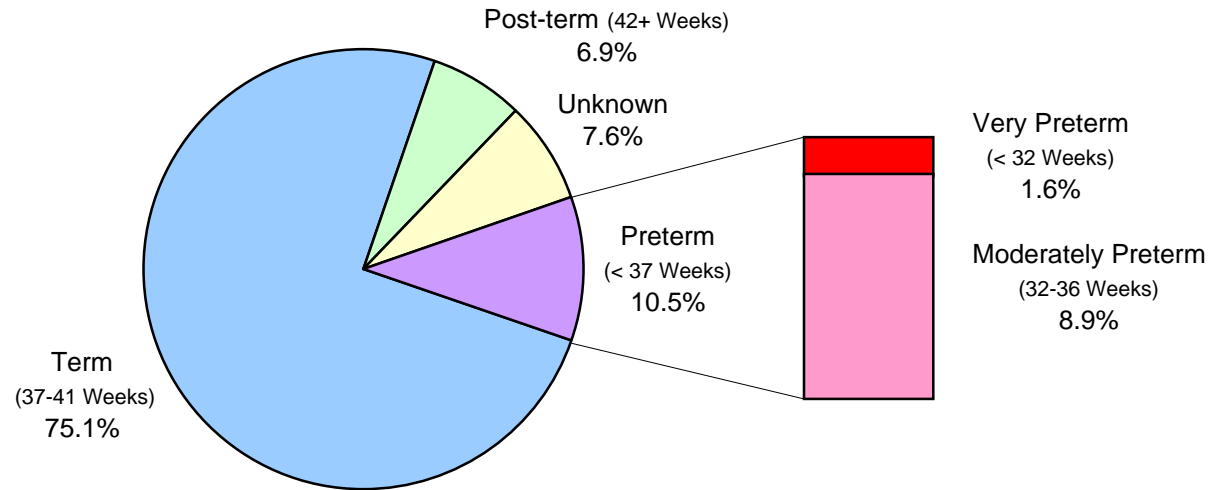
Note: Low birthweight is defined as weight less than 2,500 grams (5 pounds, 8 ounces) at birth.

Very low birthweight is defined as weight less than 1,500 grams (3 pounds, 5 ounces) at birth.

Macrosomia is defined as larger-than-normal birth weight (usually 4,000 grams or 8 pounds, 13 ounces or more).

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Total Live Births by Gestational Age
Los Angeles County, 2003**



Los Angeles County, 2003				
Gestational Age (weeks)	Live Births		95% confidence Interval	
	Number	Percent	Lower	Upper
< 32	2,388	1.6	1.5	1.6
32 to 36	13,526	8.9	8.7	9.0
37 to 41	114,335	75.1	74.9	75.3
42+	10,430	6.9	6.7	7.0
Unknown	11,513	7.6	7.4	7.7
Total	152,192	100.0	100.0	100.0

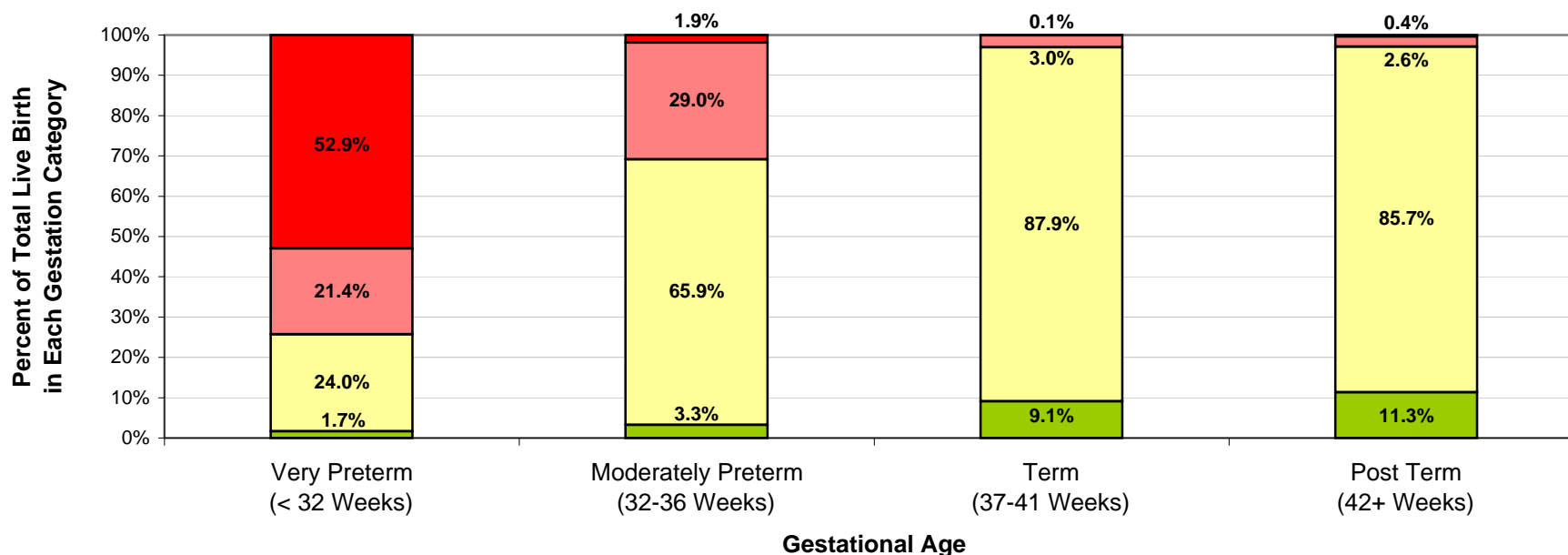
Year 2010 Objective: Reduce preterm births to an incident of no more than 7.6 percent of live births.
 Reduce very preterm births to an incident of no more than 1.1 percent of live births.
 Reduce moderately preterm births to an incident of no more than 6.4 percent of live births.

Note: Preterm is defined as birth at less than 37 weeks of gestation.
 Very preterm is defined as birth at less than 32 weeks of gestation.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Total Live Births by Birthweight and by Gestational Age
Los Angeles County, 2003**

■ Macrosomia ■ Normal Birthweight ■ Moderately Low Birthweight ■ Very Low Birthweight



Los Angeles County, 2003											
Gestational Age (weeks)	Very Low Birthweight		Moderately Low Birthweight		Normal Birthweight		Macrosomia		Birthweight Unknown		Total Live Births
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 32	1,264	52.9	510	21.4	574	24.0	40	1.7	0	0.0	2,388
32 to 36	257	1.9	3,917	29.0	8,911	65.9	441	3.3	0	0.0	13,526
37 to 41	105	0.1	3,376	3.0	100,474	87.9	10,380	9.1	0	0.0	114,335
42+	38	0.4	267	2.6	8,942	85.7	1,183	11.3	0	0.0	10,430
Unknown	246	2.1	814	7.1	9,542	82.9	905	7.9	6	0.1	11,513
Total	1,910	1.3	8,884	5.8	128,443	84.4	12,949	8.5	6	0.0	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

TITLE V INDICATOR TEMPLATE

INDICATOR: Percent of Total Live Births by Mother's Race/Ethnicity, 2002

DEFINITION: The percent of total live births for selected race/ethnic groups

NUMERATOR: Number of live births, by mother's race/ethnicity, by place of residence, in a calendar year

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

HEALTHY PEOPLE 2010 OBJECTIVE:
None

RISK FACTORS: Not applicable

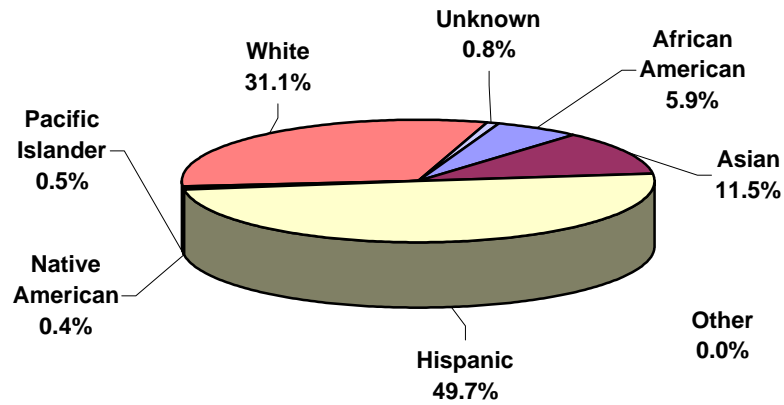
Mother's Race/Ethnicity	2002 California				2002 LA County			
	Live Births		95% Confidence Interval		Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
African American	31,381	5.9	5.9	6.0	11,973	7.9	7.8	8.1
Asian	60,694	11.5	11.4	11.6	15,301	10.1	10.0	10.3
Hispanic	263,023	49.7	49.6	49.8	94,742	62.7	62.4	62.9
Native American	2,261	0.4	0.4	0.4	253	0.2	0.1	0.2
Pacific Islander	2,905	0.5	0.5	0.6	623	0.4	0.4	0.4
White	164,581	31.1	31.0	31.2	27,674	18.3	18.1	18.5
Other	214	0.0	0.0	0.0	93	0.1	0.0	0.1
Unknown	4,186	0.8	0.8	0.8	508	0.3	0.3	0.4
Total	529,245	100.0	100.0	100.0	151,167	100.0	100.0	100.0

Denominator: Total Live Births 2002	
California	LA County
529,245	151,167
529,245	151,167
529,245	151,167
529,245	151,167
529,245	151,167
529,245	151,167
529,245	151,167
529,245	151,167
529,245	151,167

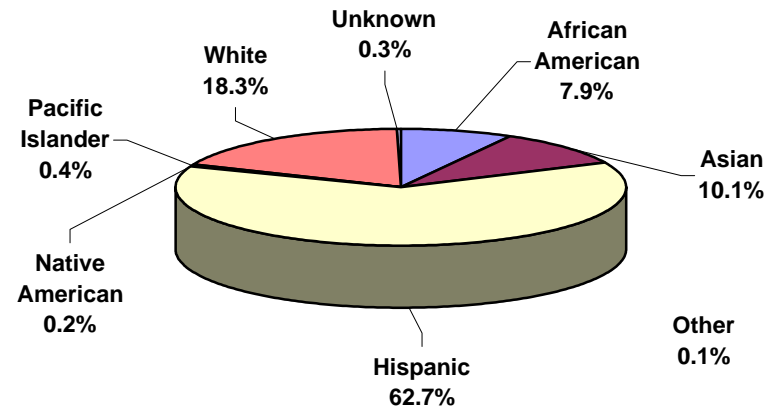
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2002.

**Percent of Total Live Births by Mother's Race/Ethnicity
California vs. Los Angeles County, 2002**

California Live Births



Los Angeles Live Births



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

TITLE V INDICATOR TEMPLATE

INDICATOR: Percent of Total Live Births by Mother's Race/Ethnicity, 2003

DEFINITION: The percent of total live births for selected race/ethnic groups

NUMERATOR: Number of live births, by mother's race/ethnicity, by place of residence, in a calendar year

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

HEALTHY PEOPLE 2010 OBJECTIVE:
None

RISK FACTORS: Not applicable

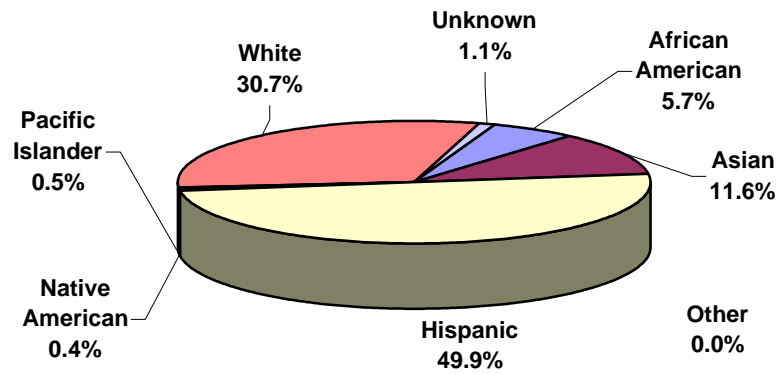
Mother's Race/Ethnicity	2003 California				2003 LA County			
	Live Births		95% Confidence Interval		Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
African American	30,918	5.7	5.7	5.8	11,849	7.8	7.7	7.9
Asian	62,973	11.6	11.6	11.7	15,749	10.3	10.2	10.5
Hispanic	269,691	49.9	49.7	50.0	95,070	62.5	62.2	62.7
Native American	2,294	0.4	0.4	0.4	212	0.1	0.1	0.2
Pacific Islander	2,722	0.5	0.5	0.5	577	0.4	0.3	0.4
White	166,249	30.7	30.6	30.9	28,060	18.4	18.2	18.6
Other	231	0.0	0.0	0.0	92	0.1	0.0	0.1
Unknown	5,749	1.1	1.0	1.1	583	0.4	0.4	0.4
Total	540,827	100.0	100.0	100.0	152,192	100.0	100.0	100.0

Denominator: Total Live Births 2003	
California	LA County
540,827	152,192
540,827	152,192
540,827	152,192
540,827	152,192
540,827	152,192
540,827	152,192
540,827	152,192
540,827	152,192
540,827	152,192
540,827	152,192

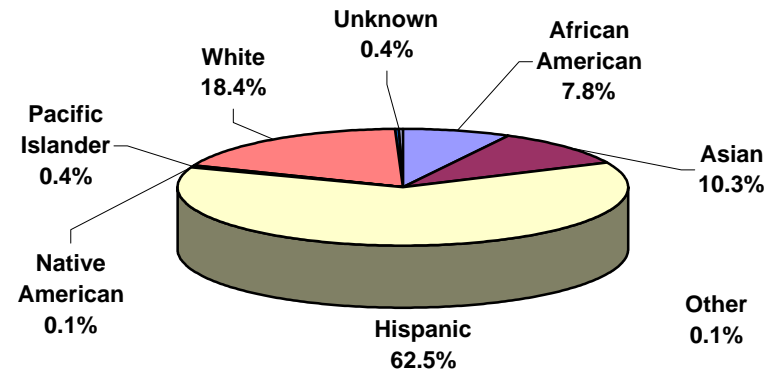
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Total Live Births by Mother's Race/Ethnicity
California vs. Los Angeles County, 2003**

California Live Births



Los Angeles Live Births



Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

TITLE V PERINATAL INDICATORS 2003

INDICATOR: Percent of Total Live Births by Mother's Race/Ethnicity, 1994-2003

DEFINITION: The percent of total live births for selected race/ethnic groups over time

NUMERATOR: Number of live births, by mother's race/ethnicity, by place of residence, in a calendar year

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

HEALTHY PEOPLE 2010 OBJECTIVE:

None

RISK FACTORS: Not applicable

California Births															
Year	African American		Asian		Hispanic		Native American		Pacific Islander		White		Other/Unknown		Total Births
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
1994	41481	7.3	42,758	7.5	257,463	45.4	2,694	0.5	15,052	2.7	204,756	36.1	2,830	0.5	567,034
1995	39166	7.1	54,475	9.9	253,726	46.0	2,735	0.5	2,763	0.5	196,277	35.6	2,084	0.4	551,226
1996	37029	6.9	54,164	10.1	254,674	47.3	2,642	0.5	2,778	0.5	185,255	34.4	2,088	0.4	538,630
1997	35957	6.9	53,855	10.3	248,795	47.5	2,582	0.5	2,779	0.5	177,347	33.8	2,859	0.5	524,174
1998	35200	6.8	52,718	10.1	247,796	47.5	2,587	0.5	2,818	0.5	176,598	33.9	3,548	0.7	521,265
1999	34136	6.6	54,206	10.5	249,253	48.1	2,501	0.5	2,840	0.5	172,108	33.2	3,029	0.6	518,073
2000	32302	6.2	58,876	11.2	257,958	49.1	1,975	0.4	2,376	0.5	168,406	32.1	3,138	0.6	525,031
2001	32469	6.2	58,594	11.1	260,996	49.5	2,229	0.4	2,832	0.5	166,772	31.6	3,479	0.7	527,371
2002	31381	5.9	60,694	11.5	263,023	49.7	2,261	0.4	2,905	0.5	164,581	31.1	4,400	0.8	529,245
2003	30918	5.7	62,973	11.6	269,691	49.9	2,294	0.4	2,722	0.5	166,249	30.7	5,980	1.1	540,827

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

TITLE V PERINATAL INDICATORS 2003

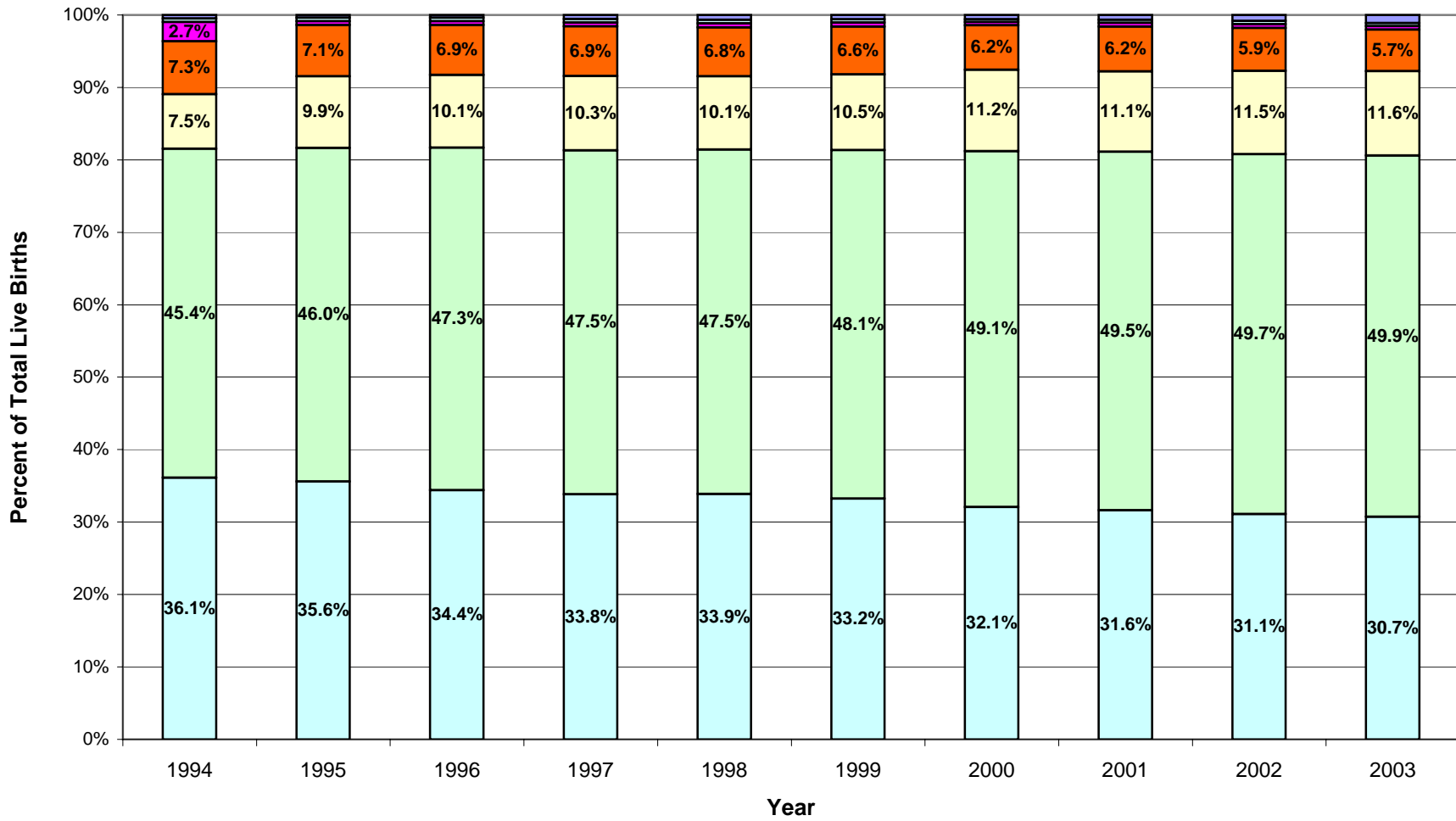
INDICATOR: Percent of Total Live Births by Mother's Race/Ethnicity, 1994-2003 (continued)

LA County Births																
Year	African American		Asian		Hispanic		Native American		Pacific Islander		White		Other/Unknown		Total Births	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	
1994	17282	9.6	12,127	6.7	109,242	60.6	308	0.2	4,208	2.3	36,886	20.4	341	0.2	180,394	
1995	16148	9.2	15,334	8.8	107,228	61.3	341	0.2	685	0.4	34,872	19.9	254	0.1	174,862	
1996	15184	9.0	15,225	9.0	105,175	62.2	313	0.2	625	0.4	32,151	19.0	300	0.2	168,973	
1997	14530	9.0	14,943	9.2	100,228	61.9	304	0.2	611	0.4	31,072	19.2	348	0.2	162,036	
1998	14246	9.0	14,304	9.0	98,074	61.8	262	0.2	664	0.4	30,621	19.3	433	0.3	158,604	
1999	13724	8.8	14,397	9.2	97,103	62.2	270	0.2	653	0.4	29,514	18.9	492	0.3	156,153	
2000	13468	8.6	15,766	10.0	97,719	62.1	248	0.2	635	0.4	29,094	18.5	461	0.3	157,391	
2001	12671	8.3	14,920	9.7	96,288	62.7	253	0.2	617	0.4	28,179	18.4	595	0.4	153,523	
2002	11973	7.9	15,301	10.1	94,742	62.7	253	0.2	623	0.4	27,674	18.3	601	0.4	151,167	
2003	11849	7.8	15,749	10.3	95,070	62.5	212	0.1	577	0.4	28,060	18.4	675	0.4	152,192	

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

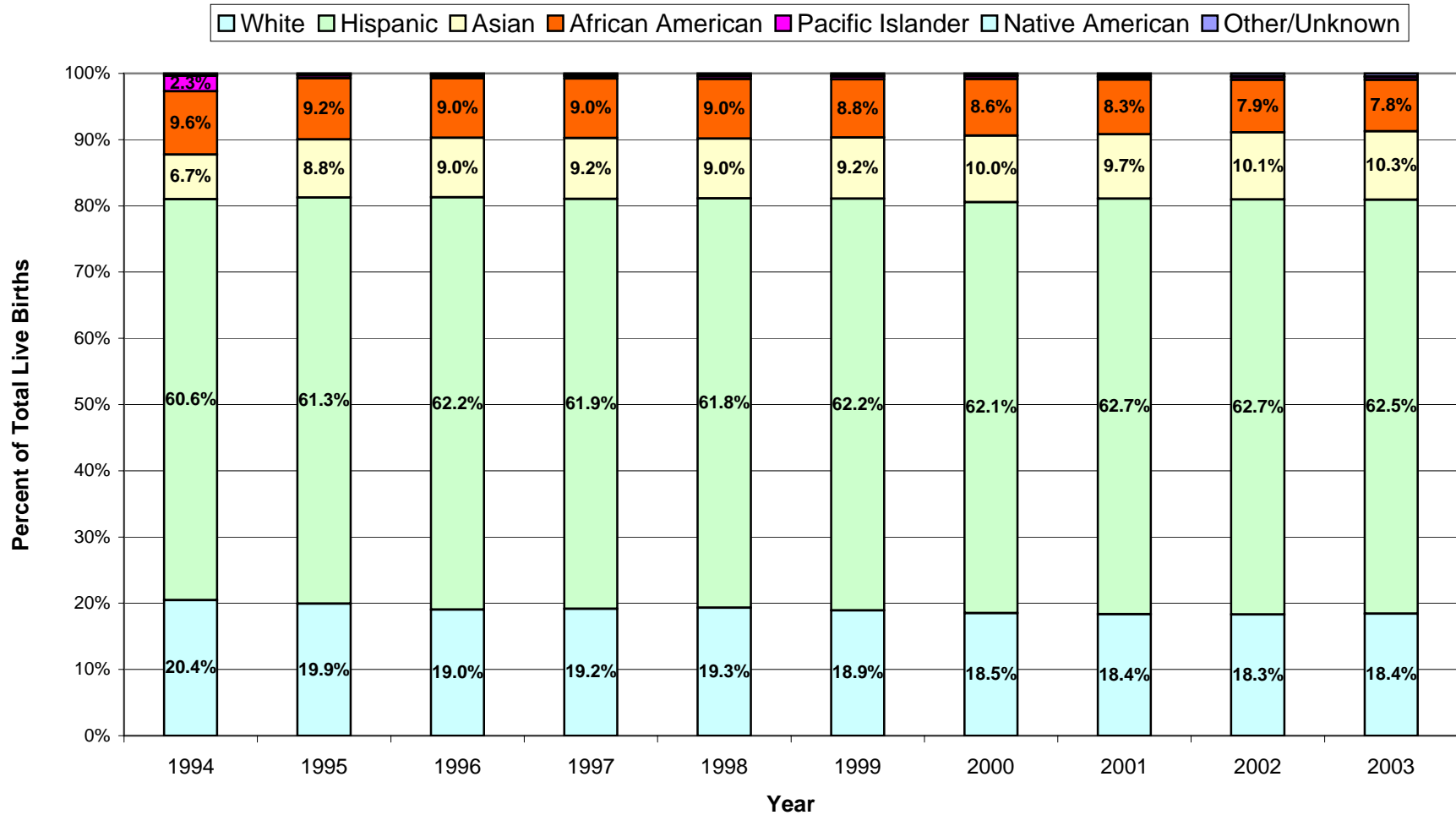
**Percent of Total Live Births by Mother's Race/Ethnicity
California, 1994-2003**

■ White
 ■ Hispanic
 ■ Asian
 ■ African American
 ■ Pacific Islander
 ■ Native American
 ■ Other/Unknown



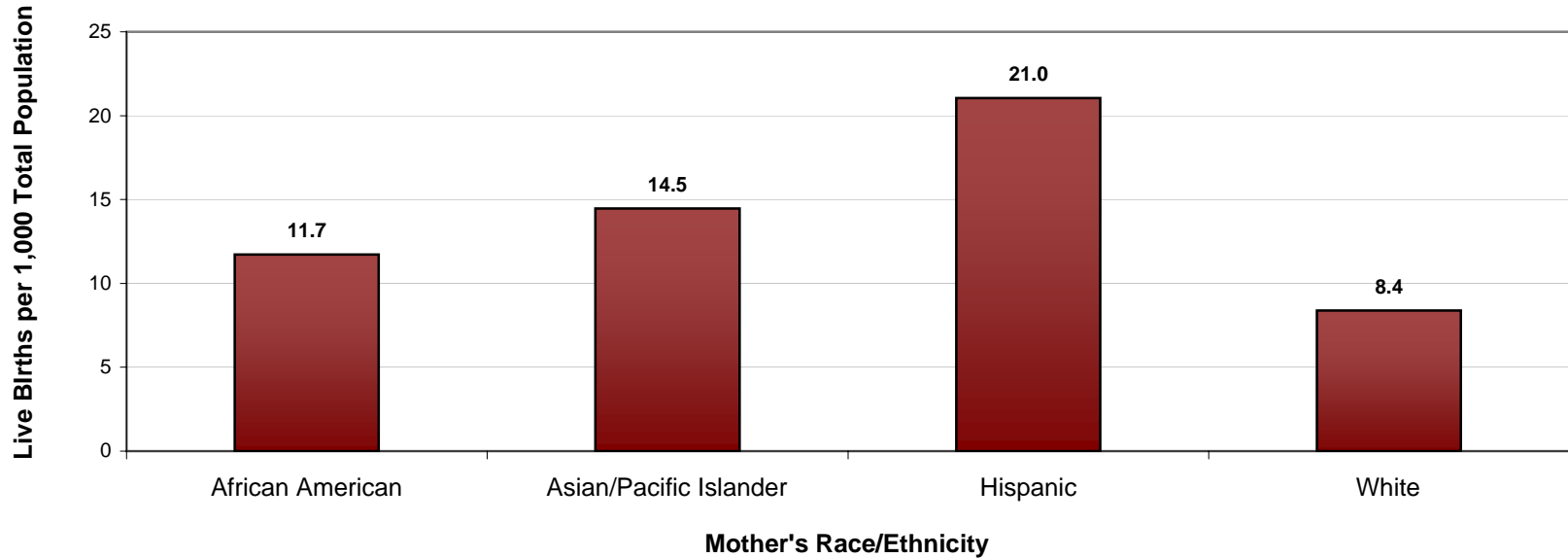
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

**Percent of Total Live Births by Mother's Race/Ethnicity
Los Angeles County 1994 - 2003**



Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

**Live Births per 1,000 Population by Mother's Race/Ethnicity
Los Angeles County, 2003**



Los Angeles County, 2003				
Mother's Race/Ethnicity	Live Births		95% Confidence Interval	
	Number	Rate	Lower	Upper
African American	11,296	11.7	11.5	11.9
Asian/Pacific Islander	15,922	14.5	14.2	14.7
Hispanic	95,070	21.0	20.9	21.2
Native American	177	6.0	5.1	6.8
White	27,589	8.4	8.3	8.5
Other/Unknown*	2,138	14.5	13.9	15.1
Total	152,192	15.1	15.1	15.2

Total Population
963,211
1,101,102
4,518,375
29,666
3,287,598
147,284
10,047,236

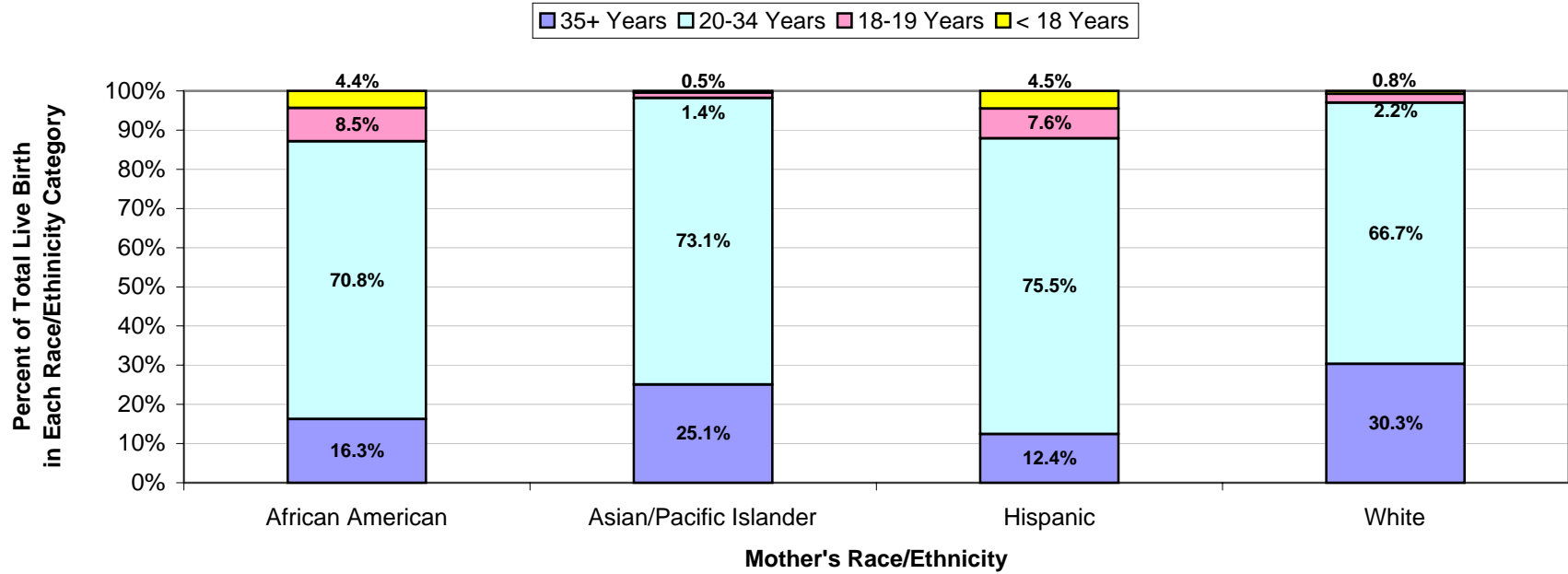
Note: * Include multiple races.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

Total population includes both males and females.

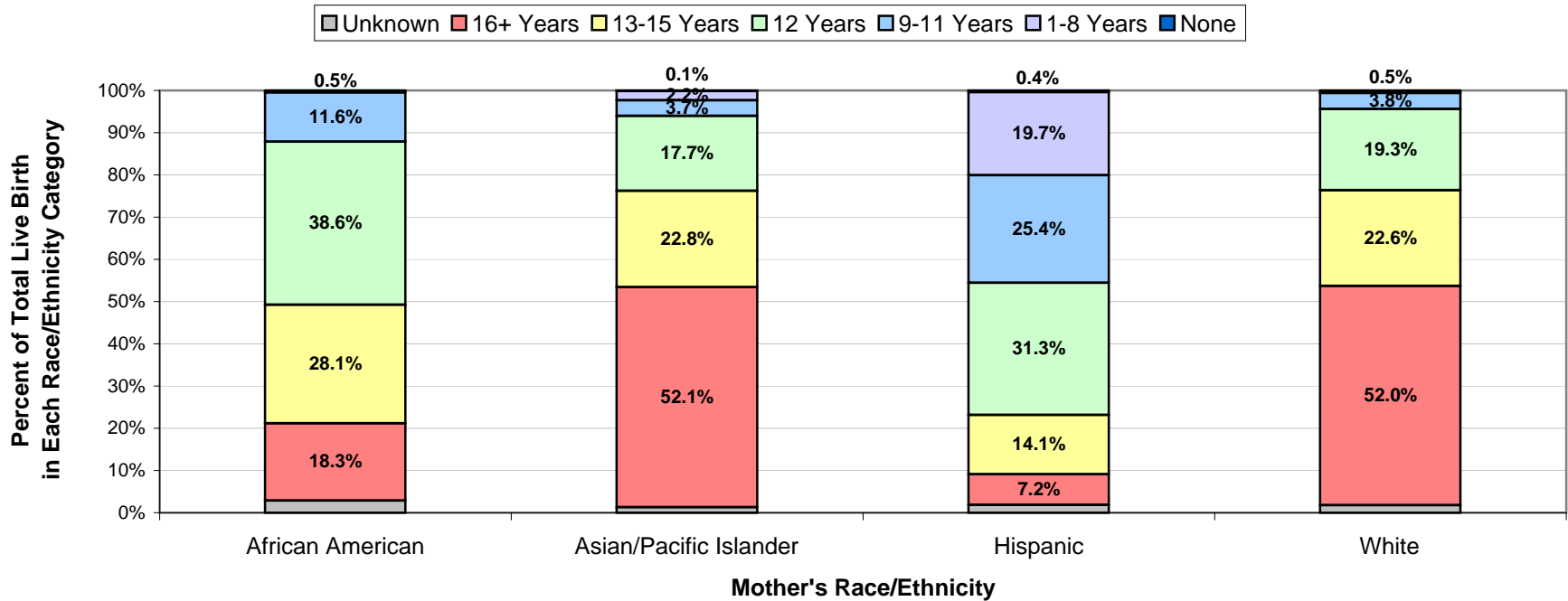
**Percent of Total Live Births by Mother's Age and by Mother's Race/Ethnicity
Los Angeles County, 2003**



Los Angeles County, 2003											
Mother's Race/Ethnicity	Mother's Age (years)										Total Live Births
	< 18		18 - 19		20 - 34		35+		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
African American	516	4.4	1,011	8.5	8,395	70.8	1,926	16.3	1	0.0	11,849
Asian/Pacific Islander	75	0.5	223	1.4	11,937	73.1	4,091	25.1	0	0.0	16,326
Hispanic	4,271	4.5	7,222	7.6	71,745	75.5	11,826	12.4	6	0.0	95,070
Native American	4	1.9	13	6.1	147	69.3	48	22.6	0	0.0	212
White	216	0.8	629	2.2	18,703	66.7	8,512	30.3	0	0.0	28,060
Other/Unknown	5	0.7	21	3.1	432	64.0	207	30.7	10	1.5	675
Total	5,087	3.3	9,119	6.0	111,359	73.2	26,610	17.5	17	0.0	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Live Births by Mother's Years of Education and by Mother's Race/Ethnicity
Los Angeles County, 2003**

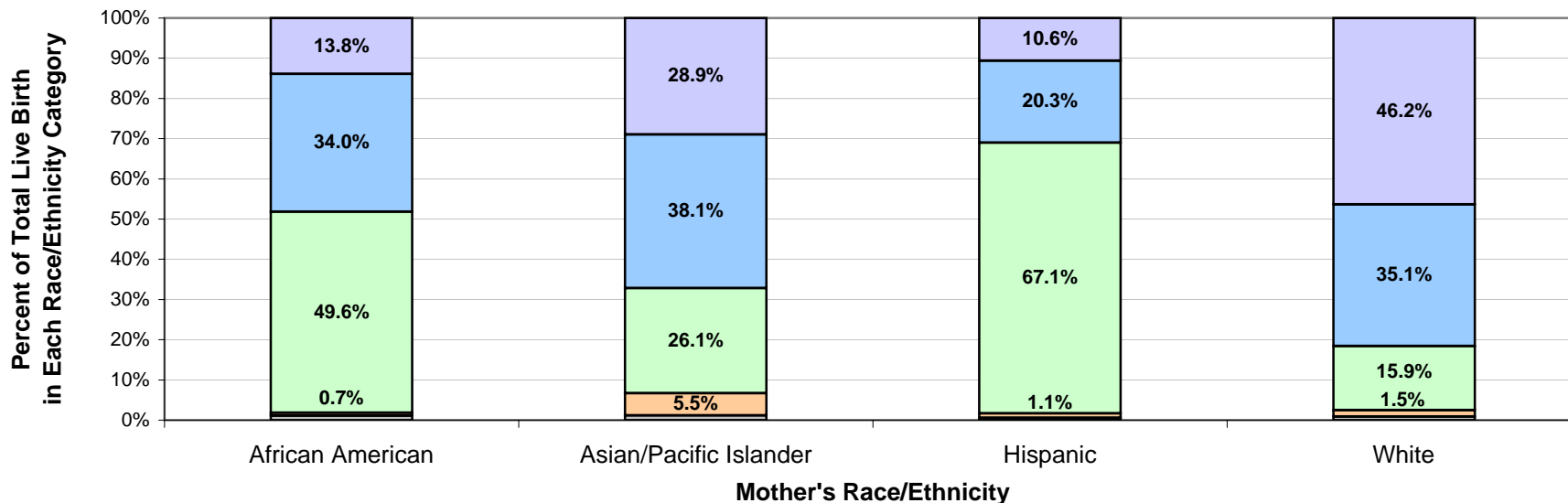


Los Angeles County, 2003															Total Live Births
Mother's Race/Ethnicity	Mother's Years of Education														
	None		1 to 8		9 to 11		12		13 to 15		16 and Over		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
African American	5	0.0	52	0.5	1,320	11.6	4,371	38.6	3,184	28.1	2,074	18.3	326	2.9	11,332
Asian/Pacific Islander	24	0.1	354	2.2	606	3.7	2,876	17.7	3,713	22.8	8,469	52.1	209	1.3	16,251
Hispanic	366	0.4	17,867	19.7	23,093	25.4	28,427	31.3	12,800	14.1	6,547	7.2	1,693	1.9	90,793
Native American	0	0.0	7	3.4	27	13.0	68	32.7	63	30.3	39	18.8	4	1.9	208
White	10	0.0	153	0.5	1,051	3.8	5,365	19.3	6,306	22.6	14,469	52.0	490	1.8	27,844
Other/Unknown	1	0.2	6	0.9	11	1.7	51	7.7	49	7.4	87	13.2	455	68.9	660
Total	406	0.3	18,439	12.5	26,108	17.7	41,158	28.0	26,115	17.8	31,685	21.5	3,177	2.2	147,088

Note: This analysis excludes mothers less than 18 years of age.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Total Live Births by Source of Payment for Prenatal Care
and by Mother's Race/Ethnicity
Los Angeles County, 2003**

Other/Unknown
 No Insurance
 Medi-Cal
 Prepaid Health Insurance
 Private Insurance

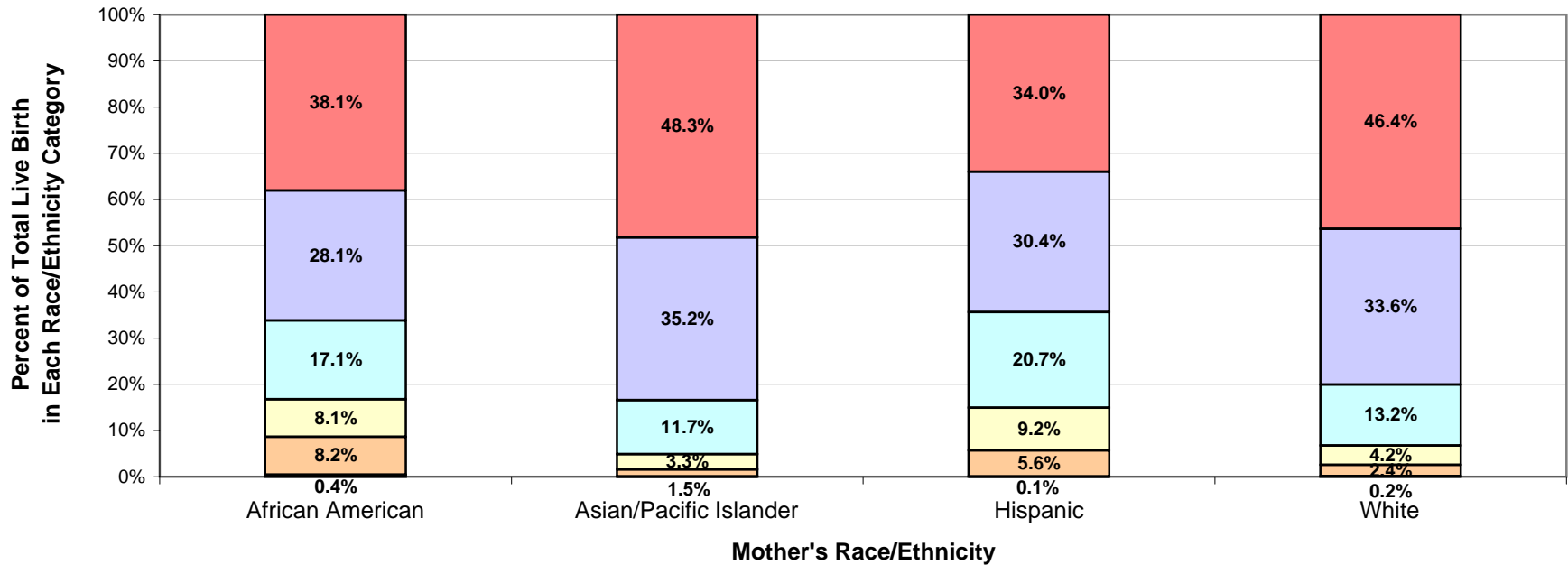


Los Angeles County, 2003													Total Live Births
Mother's Race/Ethnicity	Source of Payment for Prenatal Care (PNC)												
	No Prenatal Care		Private Insurance		Prepaid Health Insurance		Medi-Cal		No Insurance		Other/Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
African American	98	0.8	1,634	13.8	4,028	34.0	5,872	49.6	86	0.7	131	1.1	11,849
Asian/Pacific Islander	39	0.2	4,715	28.9	6,222	38.1	4,260	26.1	900	5.5	190	1.2	16,326
Hispanic	325	0.3	10,083	10.6	19,259	20.3	63,829	67.1	1,056	1.1	518	0.5	95,070
Native American	2	0.9	38	17.9	70	33.0	98	46.2	1	0.5	3	1.4	212
White	114	0.4	12,960	46.2	9,847	35.1	4,457	15.9	428	1.5	254	0.9	28,060
Other/Unknown	8	1.2	230	34.1	173	25.6	215	31.9	12	1.8	37	5.5	675
Total	586	0.4	29,660	19.5	39,599	26.0	78,731	51.7	2,483	1.6	1,133	0.7	152,192

Note: "Prepaid Health Insurance" includes Health Maintenance Organizations and other managed care health programs.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Total Live Births by Mother's Parity and by Mother's Race/Ethnicity
Los Angeles County, 2003**

■ Unknown
 ■ Fifth or above Live Birth
 ■ Fourth Live Birth
 ■ Third Live Birth
 ■ Second Live Birth
 ■ First Live Birth

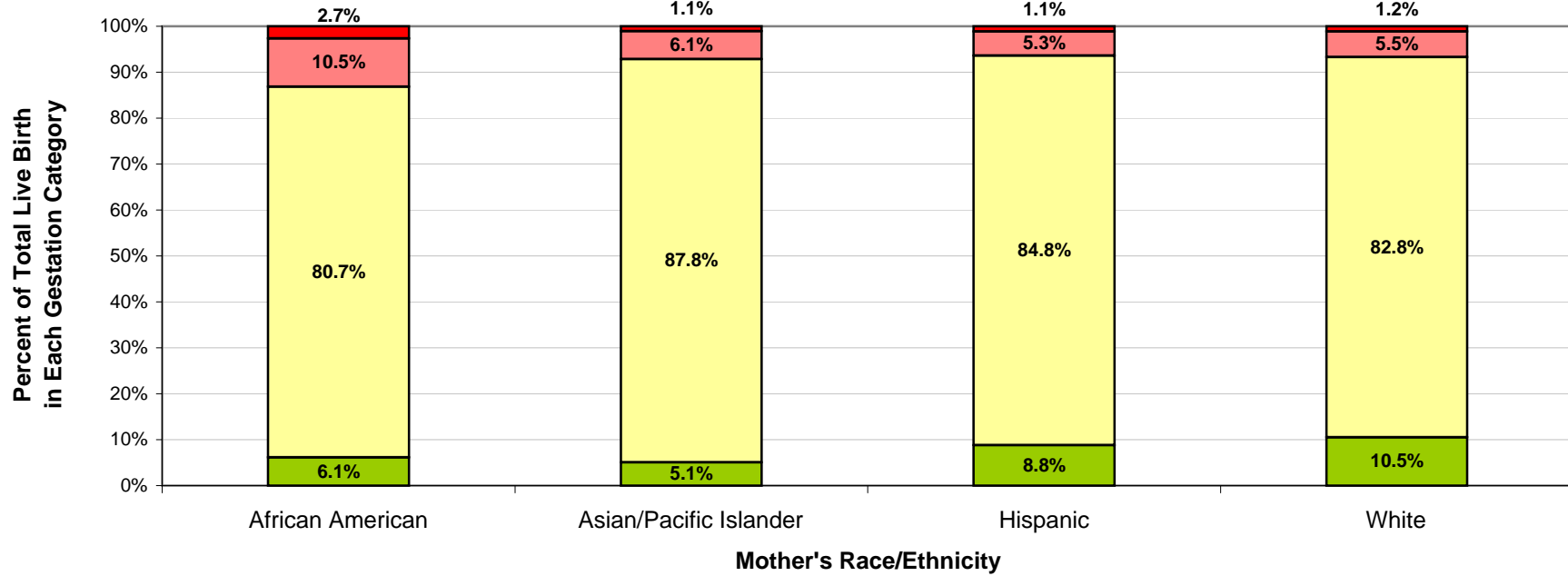


Los Angeles County, 2003													
Mother's Race/Ethnicity	Mother's Parity												Total Live Births
	First Live Birth		Second Live Birth		Third Live Birth		Fourth Live Birth		Fifth or above Live Birth		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
African American	4,513	38.1	3,327	28.1	2,022	17.1	965	8.1	969	8.2	53	0.4	11,849
Asian/Pacific Islander	7,881	48.3	5,739	35.2	1,908	11.7	540	3.3	252	1.5	6	0.0	16,326
Hispanic	32,307	34.0	28,898	30.4	19,673	20.7	8,789	9.2	5,339	5.6	64	0.1	95,070
Native American	82	38.7	58	27.4	36	17.0	18	8.5	18	8.5	0	0.0	212
White	13,021	46.4	9,441	33.6	3,706	13.2	1,177	4.2	672	2.4	43	0.2	28,060
Other/Unknown	294	43.6	189	28.0	86	12.7	32	4.7	37	5.5	37	5.5	675
Total	58,098	38.2	47,652	31.3	27,431	18.0	11,521	7.6	7,287	4.8	203	0.1	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Total Live Births by Birthweight and by Mother's Race/Ethnicity
Los Angeles County, 2003**

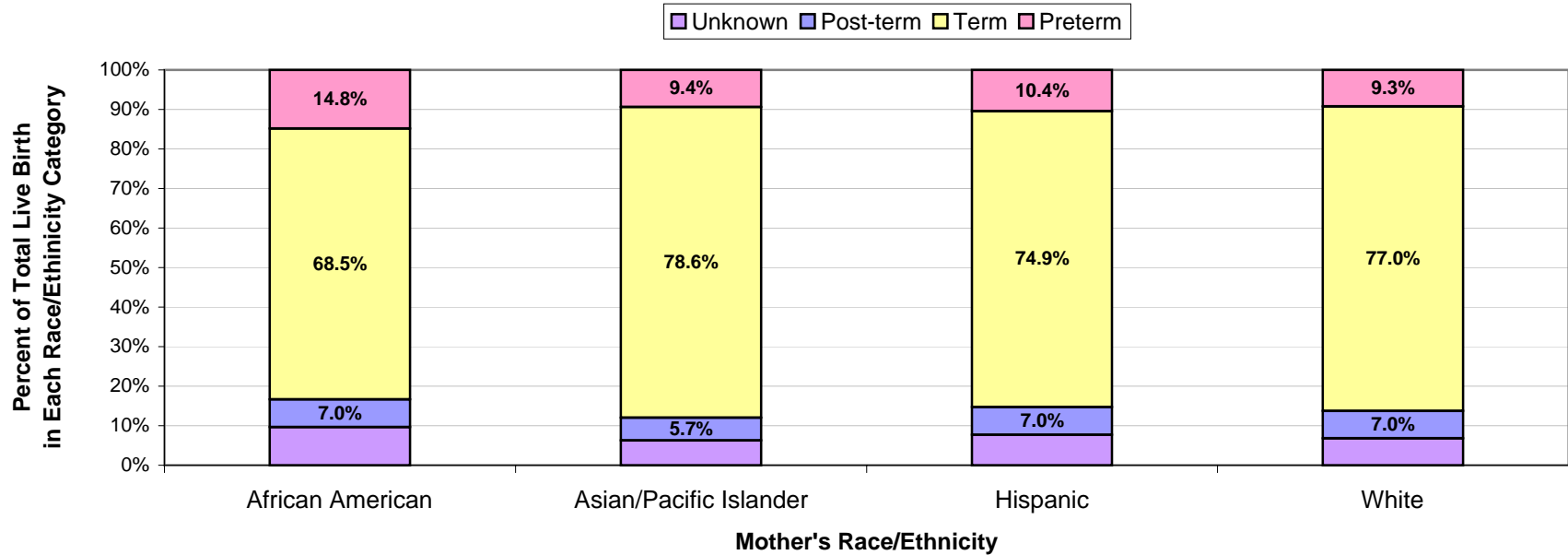
■ Macrosomia
 ■ Normal Birthweight
 ■ Moderately Low Birthweight
 ■ Very Low Birthweight



Los Angeles County, 2003											
Mother's Race/Ethnicity	Very Low Birthweight		Moderately Low Birthweight		Normal Birthweight		Macrosomia		Birthweight Unknown		Total Live Births
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
African American	317	2.7	1,242	10.5	9,566	80.7	724	6.1	0	0.0	11,849
Asian/Pacific Islander	172	1.1	993	6.1	14,331	87.8	830	5.1	0	0.0	16,326
Hispanic	1,071	1.1	5,013	5.3	80,604	84.8	8,382	8.8	0	0.0	95,070
Native American	5	2.4	22	10.4	166	78.3	19	9.0	0	0.0	212
White	328	1.2	1,555	5.5	23,229	82.8	2,947	10.5	1	0.0	28,060
Other/Unknown	17	2.5	59	8.7	547	81.0	47	7.0	5	0.7	675
Total	1,910	1.3	8,884	5.8	128,443	84.4	12,949	8.5	6	0.0	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

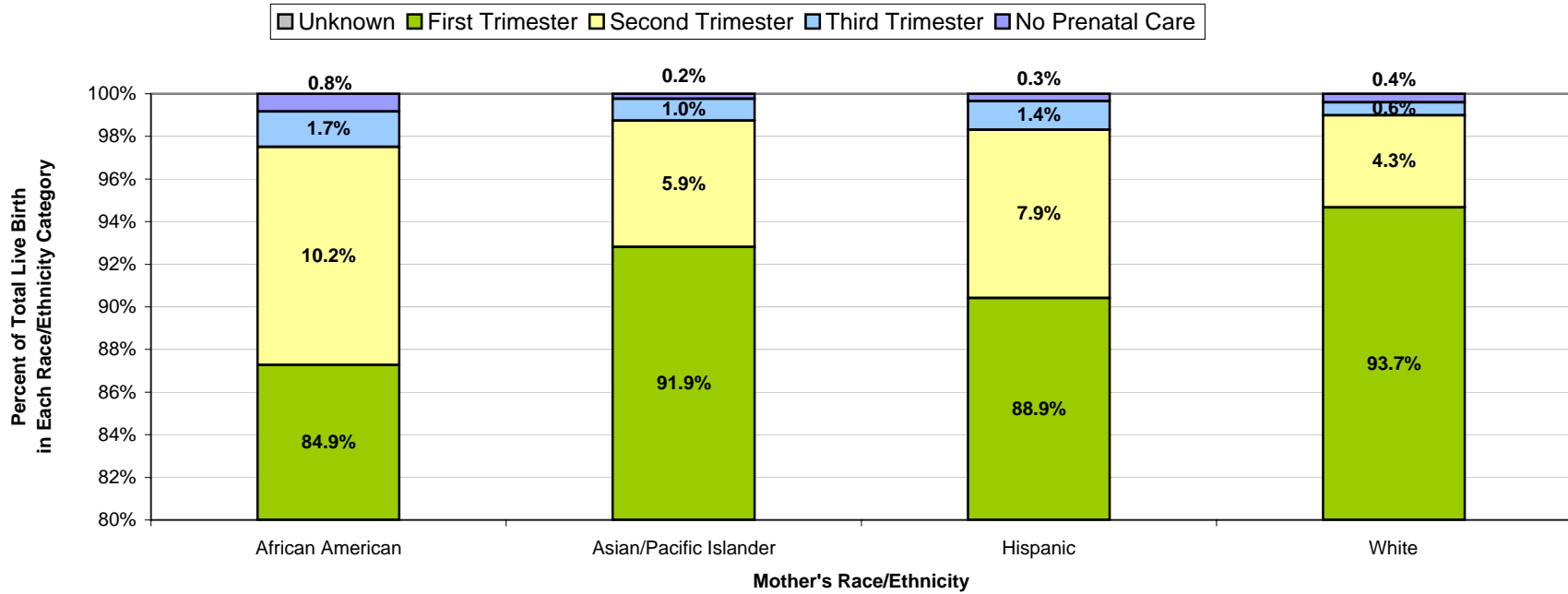
**Percent of Total Live Births by Gestational Age and by Mother's Race/Ethnicity
Los Angeles County, 2003**



Los Angeles County, 2003											
Mother's Race/Ethnicity	Very Preterm		Moderately Preterm		Term		Post-term		Gestational Age Unknown		Total Live Births
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
African American	362	3.1	1,397	11.8	8,119	68.5	833	7.0	1,138	9.6	11,849
Asian/Pacific Islander	200	1.2	1,334	8.2	12,836	78.6	929	5.7	1,027	6.3	16,326
Hispanic	1,439	1.5	8,481	8.9	71,202	74.9	6,662	7.0	7,286	7.7	95,070
Native American	4	1.9	15	7.1	151	71.2	14	6.6	28	13.2	212
White	366	1.3	2,233	8.0	21,607	77.0	1,954	7.0	1,900	6.8	28,060
Other/Unknown	17	2.5	66	9.8	420	62.2	38	5.6	134	19.9	675
Total	2,388	1.6	13,526	8.9	114,335	75.1	10,430	6.9	11,513	7.6	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

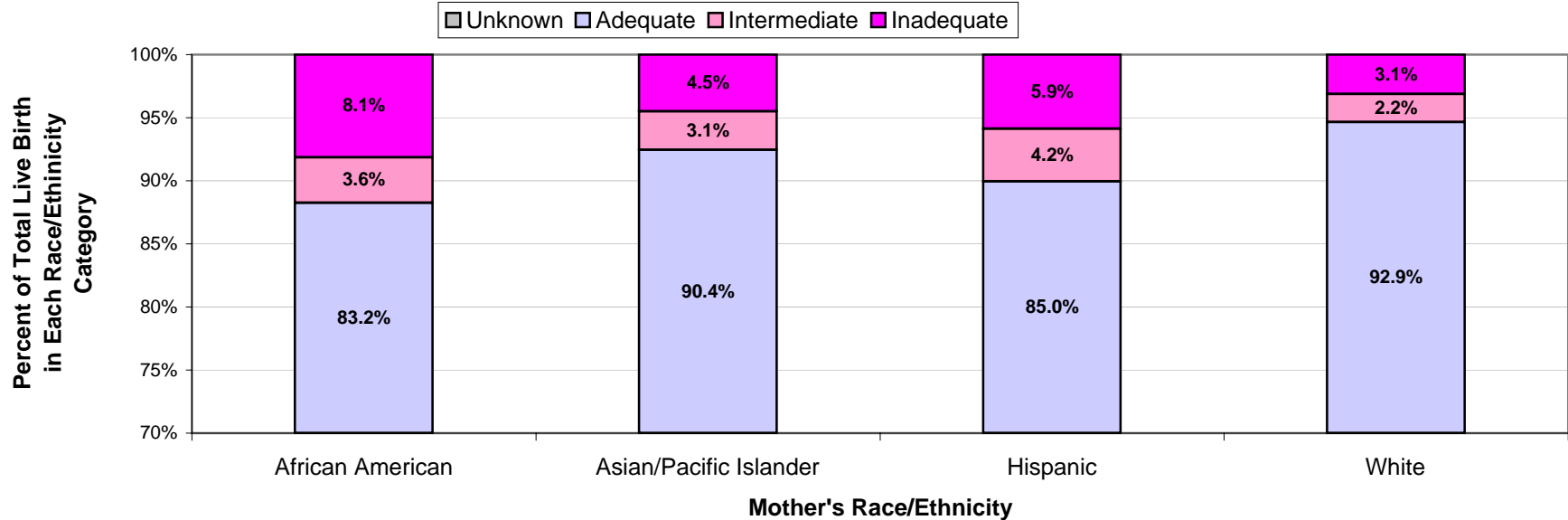
**Percent of Total Live Births by Trimester Prenatal Care Began
and by Mother's Race/Ethnicity
Los Angeles County, 2003**



Los Angeles County, 2003											
Mother's Race/Ethnicity	No Prenatal Care		Trimester Prenatal Care Began						Unknown		Total Live Births
	Number	Percent	First		Second		Third		Number	Percent	
			Number	Percent	Number	Percent	Number	Percent			
African American	98	0.8	10,056	84.9	1,212	10.2	198	1.7	285	2.4	11,849
Asian/Pacific Islander	39	0.2	15,011	91.9	968	5.9	166	1.0	142	0.9	16,326
Hispanic	325	0.3	84,523	88.9	7,502	7.9	1,286	1.4	1,434	1.5	95,070
Native American	2	0.9	177	83.5	29	13.7	0	0.0	4	1.9	212
White	114	0.4	26,285	93.7	1,214	4.3	169	0.6	278	1.0	28,060
Other/Unknown	8	1.2	557	82.5	25	3.7	6	0.9	79	11.7	675
Total	586	0.4	136,609	89.8	10,950	7.2	1,825	1.2	2,222	1.5	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Total Live Births by Adequacy of Prenatal Care Utilization Index
and by Mother's Race/Ethnicity
Los Angeles County, 2003**



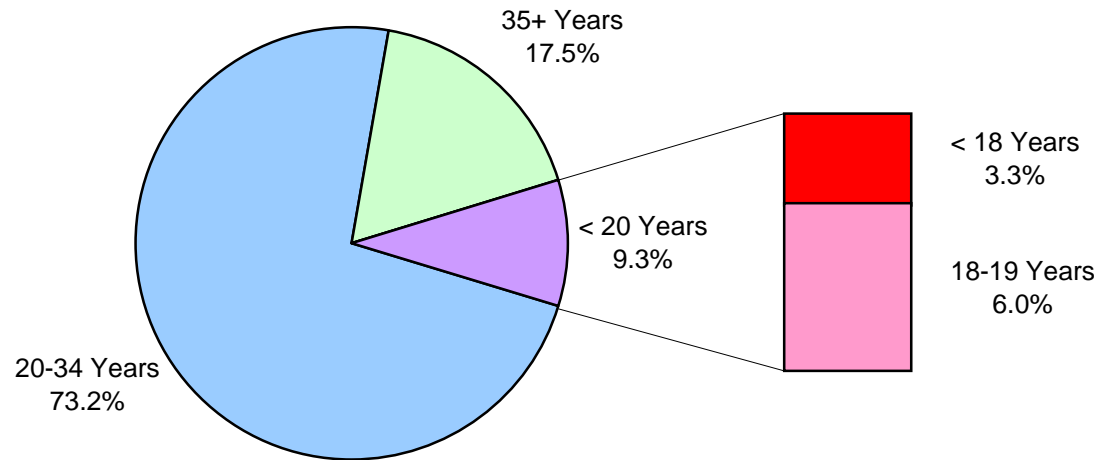
Los Angeles County, 2003								
Mother's Race/Ethnicity	Adequacy of Prenatal Care Utilization Index							
	Adequate		Intermediate		Inadequate		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
African American	9,859	83.2	427	3.6	964	8.1	599	5.1
Asian/Pacific Islander	14,763	90.4	500	3.1	733	4.5	330	2.0
Hispanic	80,819	85.0	3,974	4.2	5,583	5.9	4,694	4.9
Native American	182	85.8	6	2.8	19	9.0	5	2.4
White	26,066	92.9	625	2.2	876	3.1	493	1.8
Other/Unknown	540	80.0	19	2.8	27	4.0	89	13.2
Total	132,229	86.9	5,551	3.6	8,202	5.4	6,210	4.1

Total Live Births
11,849
16,326
95,070
212
28,060
675
152,192

Note: The APNCU Index measures prenatal care utilization, which includes consideration of the month prenatal care began and the number of prenatal care visits during the time mothers actually received prenatal care. This utilization index is based on the recommendations established by the American College of Obstetrics and Gynecologists (ACOG). Appendix A contains the specific criteria for timing and number of prenatal care visits that are used to assign adequacy categories.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

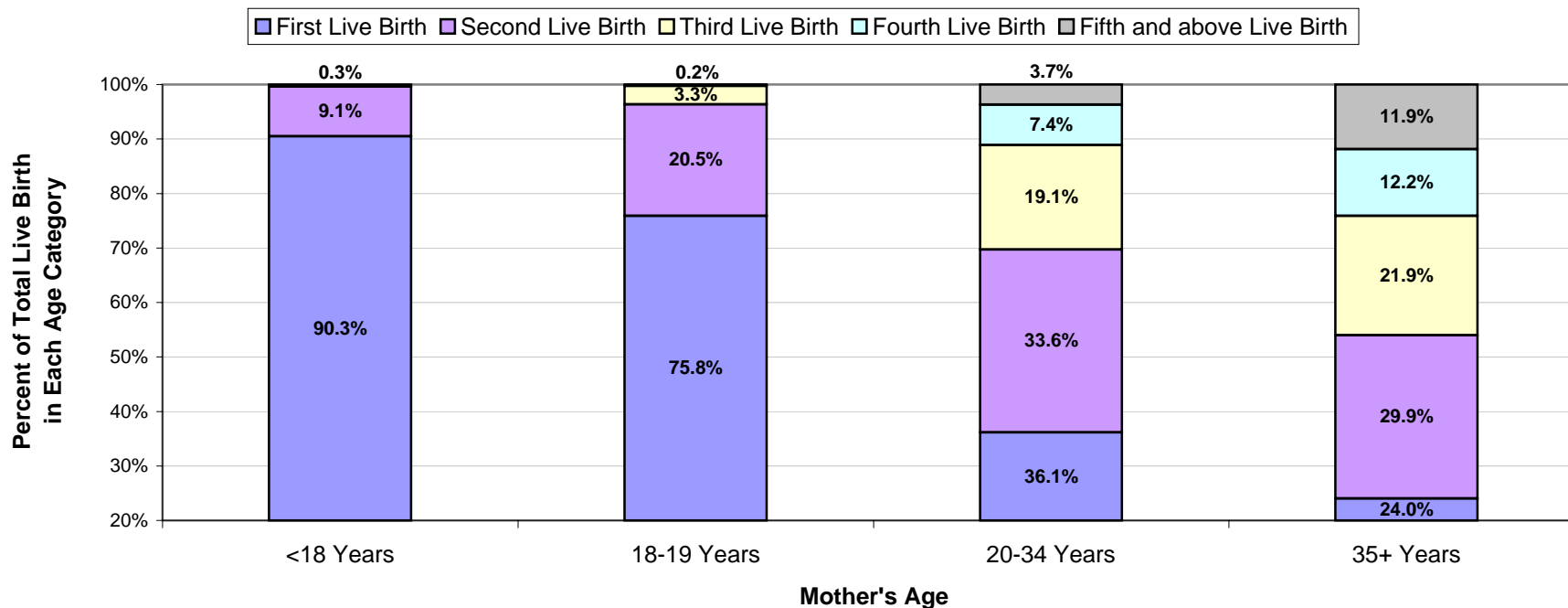
**Percent of Total Live Births by Mother's Age
Los Angeles County, 2003**



Los Angeles County, 2003				
Mother's Age (years)	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
< 18	5,087	3.3	3.3	3.4
18 to 19	9,119	6.0	5.9	6.1
20 to 34	111,359	73.2	72.9	73.4
35+	26,610	17.5	17.3	17.7
Other/Unknown	17	0.0	0.0	0.0
Total	152,192	100.0	100.0	100.0

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Total Live Births by Parity and by Mother's Age
Los Angeles County, 2003**

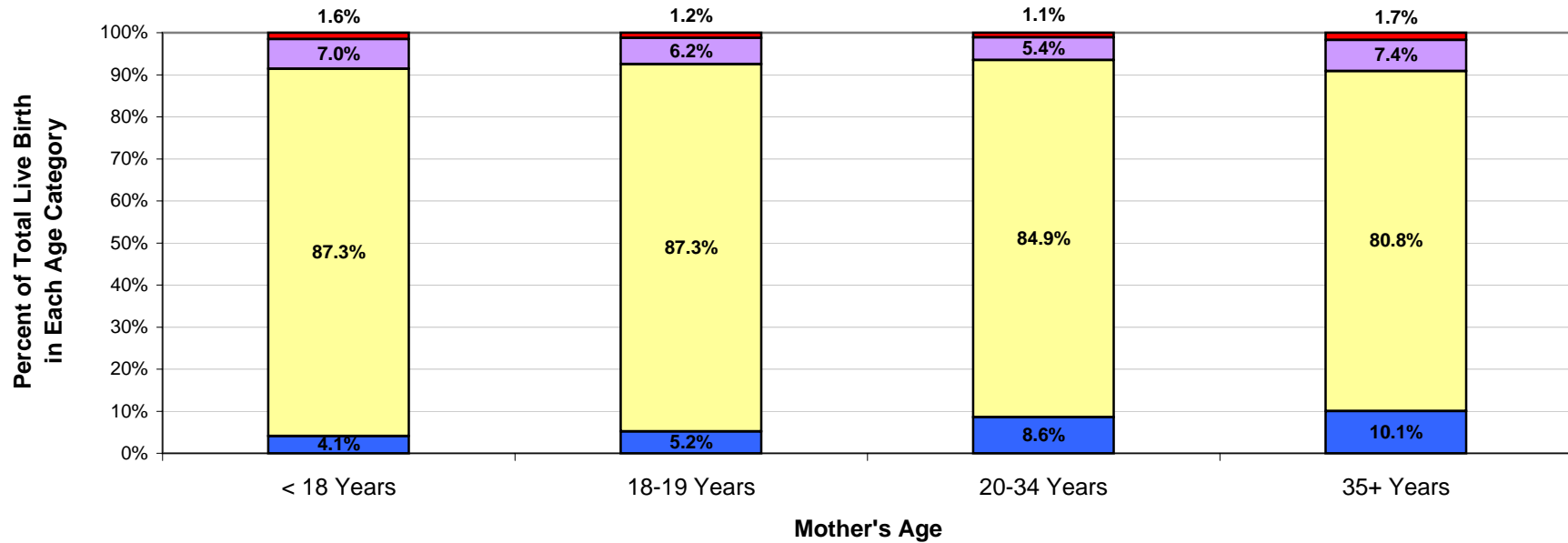


Los Angeles County, 2003													
Mother's Age (years)	Mother's Parity											Total Live Births	
	First Live Birth		Second Live Birth		Third Live Birth		Fourth Live Birth		Fifth or above Live Birth		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number		Percent
<18	4,595	90.3	465	9.1	17	0.3	0	0.0	1	0.0	9	0.2	5,087
18-19	6,914	75.8	1,865	20.5	305	3.3	22	0.2	4	0.0	9	0.1	9,119
20-34	40,207	36.1	37,363	33.6	21,283	19.1	8,252	7.4	4,122	3.7	132	0.1	111,359
35+	6,378	24.0	7,957	29.9	5,825	21.9	3,246	12.2	3,159	11.9	45	0.2	26,610
Unknown	4	23.5	2	11.8	1	5.9	1	5.9	1	5.9	8	47.1	17
Total	58,098	38.2	47,652	31.3	27,431	18.0	11,521	7.6	7,287	4.8	203	0.1	152,192

Note: Parity is defined as the number of children previously born alive to a woman.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Total Live Births by Birthweight and by Mother's Age
Los Angeles County, 2003**

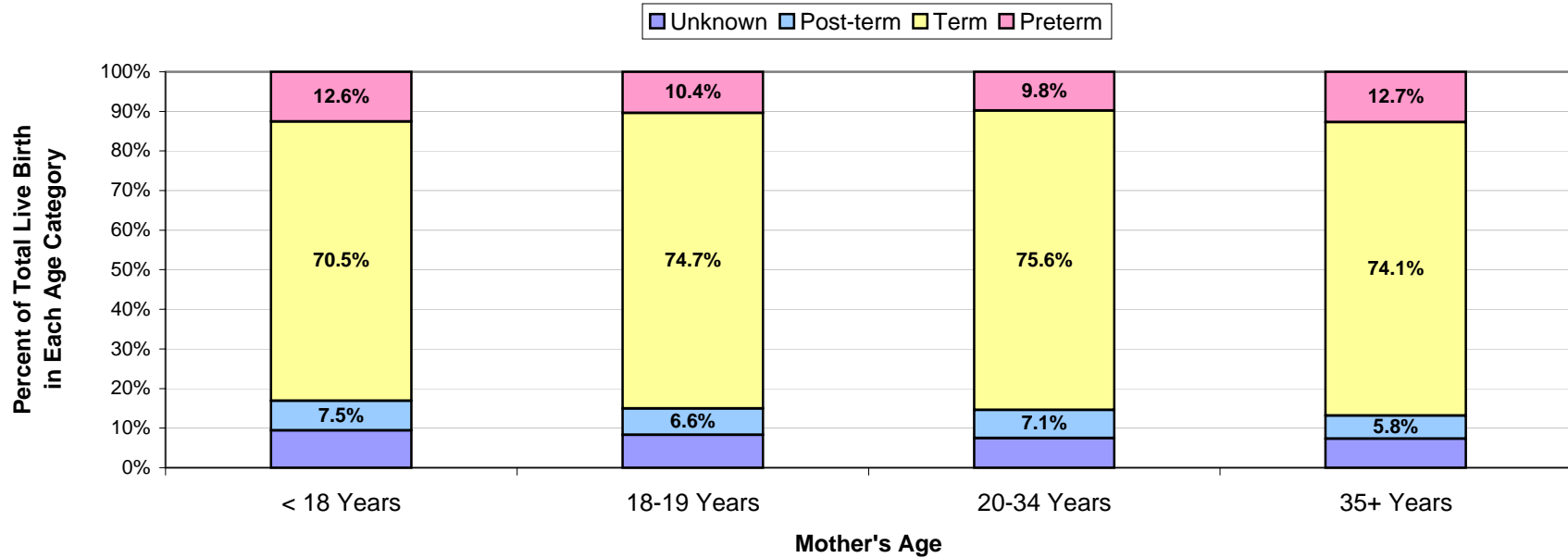
■ Macrosomia ■ Normal Birthweight ■ Moderately Low Birthweight ■ Very Low Birthweight



Los Angeles County, 2003											
Mother's Age (years)	Very Low Birthweight		Moderately Low Birthweight		Normal Birthweight		Macrosomia		Birthweight Unknown		Total Live Births
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
<18	79	1.6	358	7.0	4,443	87.3	207	4.1	0	0.0	5,087
18-19	111	1.2	568	6.2	7,964	87.3	476	5.2	0	0.0	9,119
20-34	1,257	1.1	5,989	5.4	94,525	84.9	9,587	8.6	1	0.0	111,359
35+	463	1.7	1,969	7.4	21,500	80.8	2,678	10.1	0	0.0	26,610
Unknown	0	0.0	0	0.0	11	64.7	1	5.9	5	29.4	17
Total	1,910	1.3	8,884	5.8	128,443	84.4	12,949	8.5	6	0.0	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

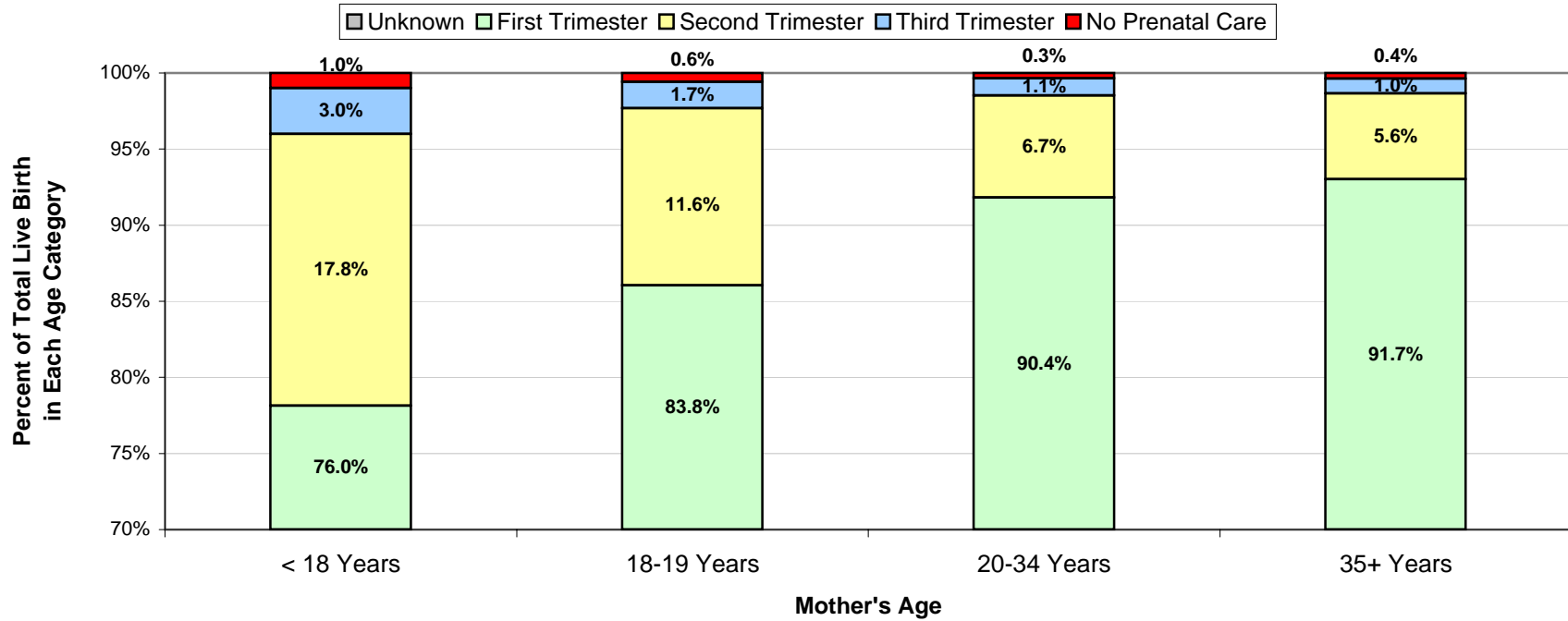
**Percent of Total Live Births by Gestational Age and by Mother's Age
Los Angeles County, 2003**



Los Angeles County, 2003											
Mother's Age (years)	Very Preterm		Moderate Preterm		Term		Post-term		Gestational Age Unknown		Total Live Births
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
<18	112	2.2	528	10.4	3,588	70.5	381	7.5	478	9.4	5,087
18-19	155	1.7	790	8.7	6,812	74.7	604	6.6	758	8.3	9,119
20-34	1,599	1.4	9,344	8.4	84,209	75.6	7,890	7.1	8,317	7.5	111,359
35+	522	2.0	2,864	10.8	19,720	74.1	1,554	5.8	1,950	7.3	26,610
Unknown	0	0.0	0	0.0	6	35.3	1	5.9	10	58.8	17
Total	2,388	1.6	13,526	8.9	114,335	75.1	10,430	6.9	11,513	7.6	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

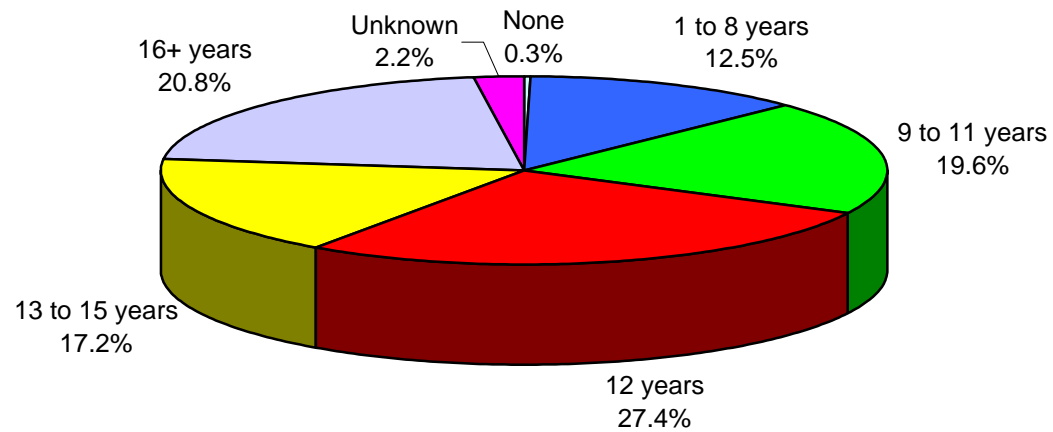
**Percent of Total Live Births by Trimester Prenatal Care Began and by Mother's Age
Los Angeles County, 2003**



Los Angeles County, 2003											
Mother's Age (years)	No Prenatal Care		Trimester Prenatal Care Began						Unknown		Total Live Births
			First		Second		Third				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
<18	50	1.0	3,864	76.0	908	17.8	154	3.0	111	2.2	5,087
18-19	54	0.6	7,638	83.8	1,061	11.6	157	1.7	209	2.3	9,119
20-34	381	0.3	100,694	90.4	7,477	6.7	1,259	1.1	1,548	1.4	111,359
35+	100	0.4	24,408	91.7	1,503	5.6	255	1.0	344	1.3	26,610
Unknown	1	5.9	5	29.4	1	5.9	0	0.0	10	58.8	17
Total	586	0.4	136,609	89.8	10,950	7.2	1,825	1.2	2,222	1.5	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

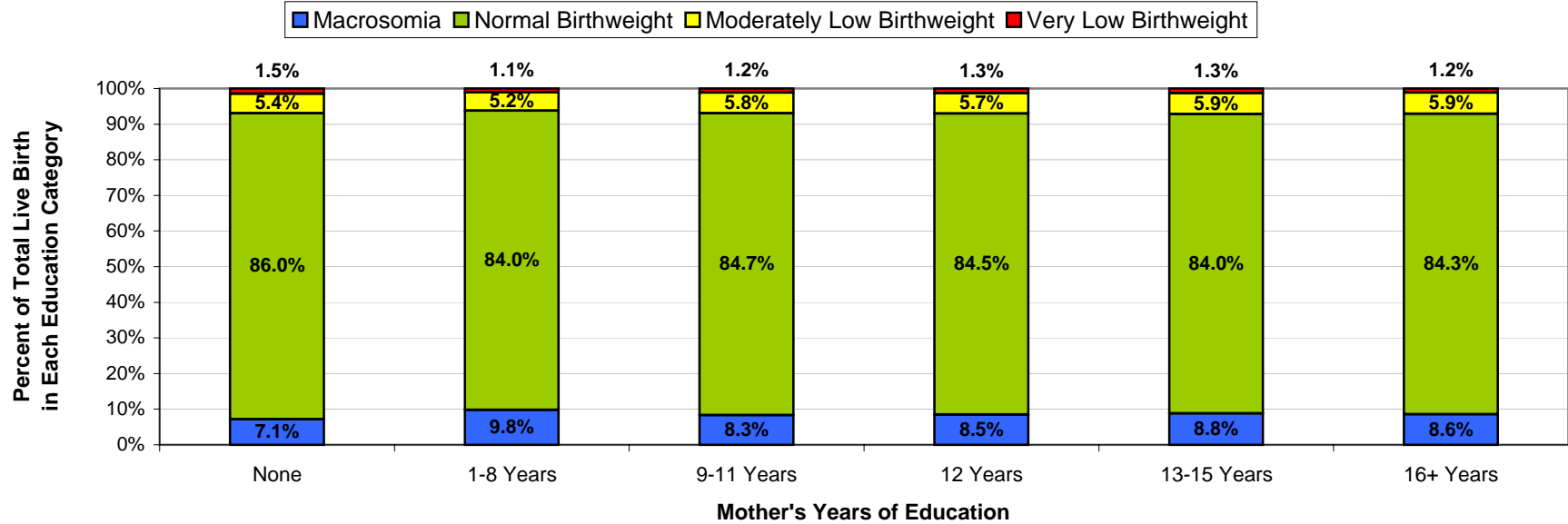
**Percent of Total Live Births by Mother's Years of Education
Los Angeles County, 2003**



Los Angeles County, 2003				
Mother's Years of Education	Live Births		95% confidence Interval	
	Number	Percent	Lower	Upper
None	406	0.3	0.2	0.3
1 to 8	18,439	12.5	12.4	12.7
9 to 11	26,108	19.6	19.4	19.8
12	41,158	27.4	27.2	27.6
13 to 15	26,115	17.2	17.0	17.4
16 and Over	31,685	20.8	20.6	21.0
Unknown	3,177	2.2	2.1	2.2
Total	147,088	100.0	100.0	100.0

Note: This analysis excludes mothers less than 18 years of age.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

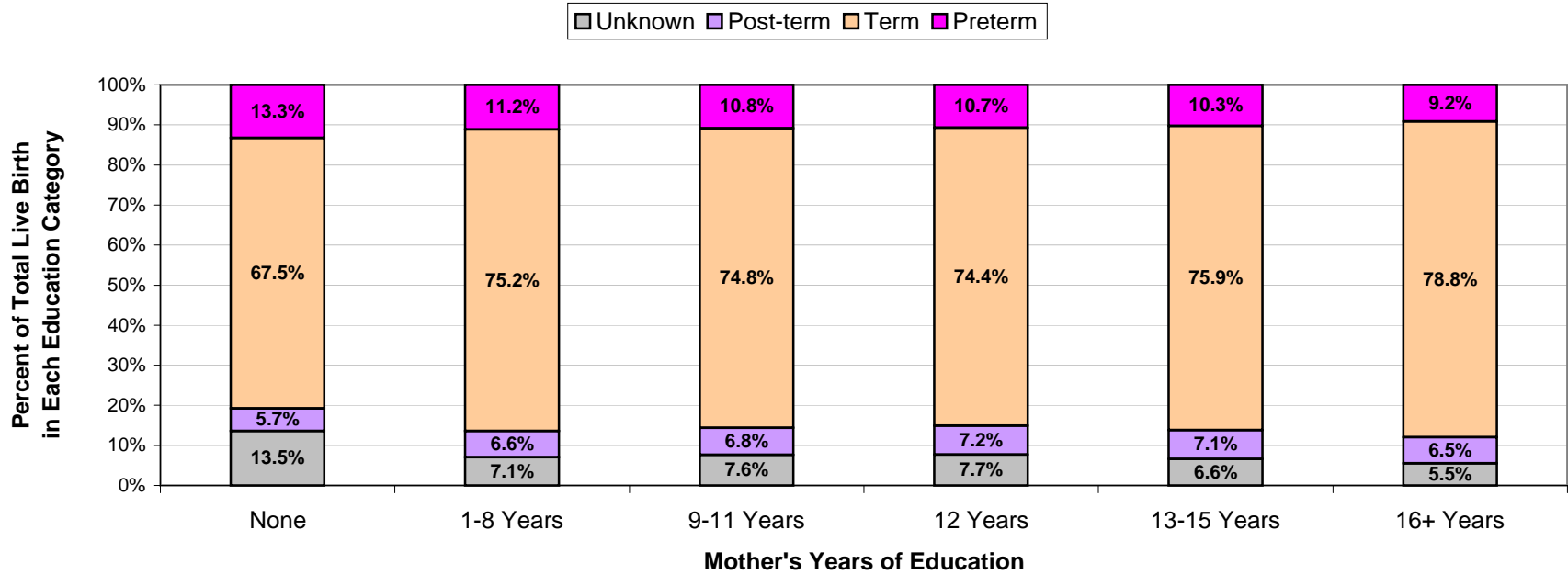
Percent of Total Live Births by Birthweight and by Mother's Years of Education Los Angeles County, 2003



Los Angeles County, 2003											
Mother's Years of Education	Very Low Birthweight		Moderately Low Birthweight		Normal Birthweight		Macrosonia		Birthweight Unknown		Total Live Births
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
None	6	1.5	22	5.4	349	86.0	29	7.1	0	0.0	406
1 to 8	196	1.1	952	5.2	15,492	84.0	1,799	9.8	0	0.0	18,439
9 to 11	308	1.2	1,511	5.8	22,126	84.7	2,163	8.3	0	0.0	26,108
12	527	1.3	2,364	5.7	34,778	84.5	3,489	8.5	0	0.0	41,158
13 to 15	335	1.3	1,544	5.9	21,930	84.0	2,306	8.8	0	0.0	26,115
16 and Over	373	1.2	1,882	5.9	26,703	84.3	2,726	8.6	1	0.0	31,685
Unknown	86	2.7	251	7.9	2,611	82.2	229	7.2	0	0.0	3,177
Total	1,831	1.2	8,526	5.8	123,989	84.3	12,741	8.7	1	0.0	147,088

Note: This analysis excludes mothers less than 18 years of age.
 Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

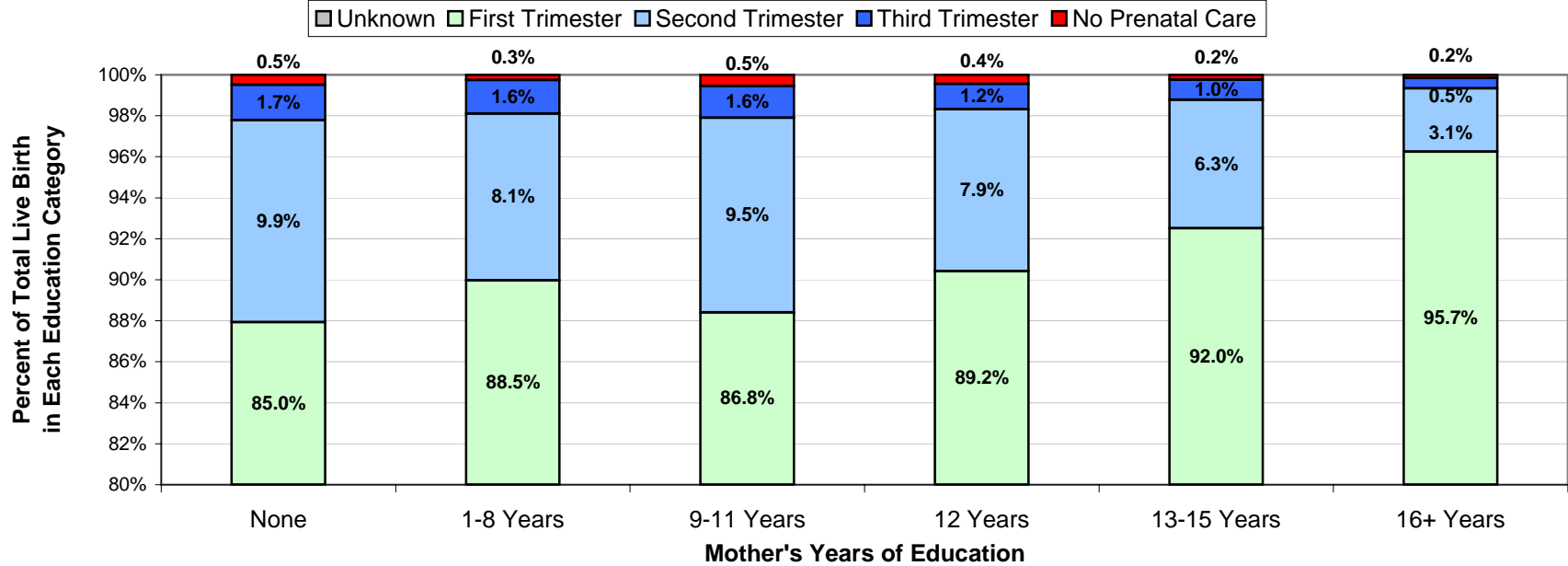
**Percent of Total Live Births by Gestational Age and by Mother's Years of Education
Los Angeles County, 2003**



Los Angeles County, 2003											
Mother's Years of Education	Very Preterm		Moderate Preterm		Term		Post-term		Gestational Age Unknown		Total Live Births
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
None	7	1.7	47	11.6	274	67.5	23	5.7	55	13.5	406
1 to 8	266	1.4	1,794	9.7	13,871	75.2	1,208	6.6	1,300	7.1	18,439
9 to 11	427	1.6	2,400	9.2	19,526	74.8	1,770	6.8	1,985	7.6	26,108
12	671	1.6	3,748	9.1	30,612	74.4	2,955	7.2	3,172	7.7	41,158
13 to 15	417	1.6	2,269	8.7	19,831	75.9	1,867	7.1	1,731	6.6	26,115
16 and Over	437	1.4	2,469	7.8	24,977	78.8	2,053	6.5	1,749	5.5	31,685
Unknown	51	1.6	271	8.5	1,650	51.9	204	6.4	1,001	31.5	3,177
Total	2,276	1.5	12,998	8.8	110,741	75.3	10,080	6.9	10,993	7.5	147,088

Note: This analysis excludes mothers less than 18 years of age.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

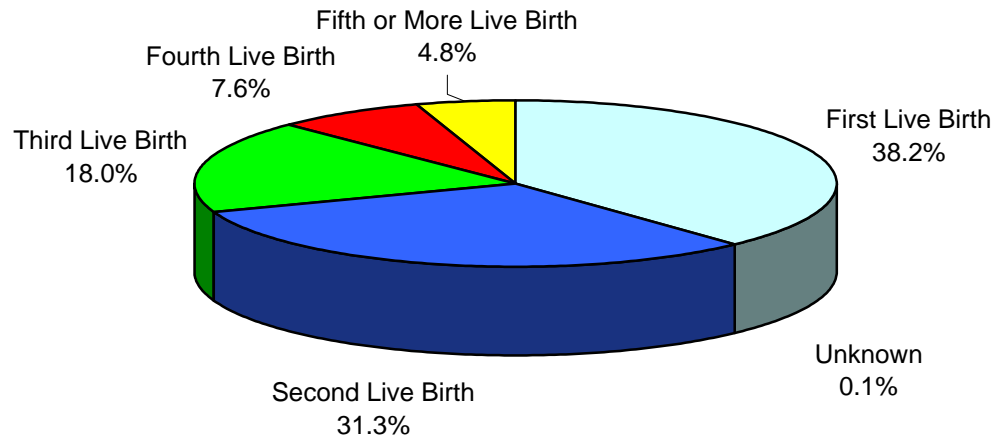
**Percent of Total Live Births by Trimester Prenatal Care Began
and by Mother's Years of Education
Los Angeles County, 2003**



Los Angeles County, 2003											
Mother's Years of Education	No Prenatal Care		Trimester Prenatal Care Began						Unknown		Total Live Births
	Number	Percent	First		Second		Third		Number	Percent	
			Number	Percent	Number	Percent	Number	Percent			
None	2	0.5	345	85.0	40	9.9	7	1.7	12	3.0	406
1 to 8	49	0.3	16,327	88.5	1,500	8.1	300	1.6	263	1.4	18,439
9 to 11	143	0.5	22,668	86.8	2,479	9.5	406	1.6	412	1.6	26,108
12	184	0.4	36,731	89.2	3,253	7.9	507	1.2	483	1.2	41,158
13 to 15	64	0.2	24,013	92.0	1,636	6.3	255	1.0	147	0.6	26,115
16 and Over	50	0.2	30,319	95.7	979	3.1	158	0.5	179	0.6	31,685
Unknown	43	1.4	2,337	73.6	154	4.8	38	1.2	605	19.0	3,177
Total	535	0.4	132,740	90.2	10,041	6.8	1,671	1.1	2,101	1.4	147,088

Note: This analysis excludes mothers less than 18 years of age.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

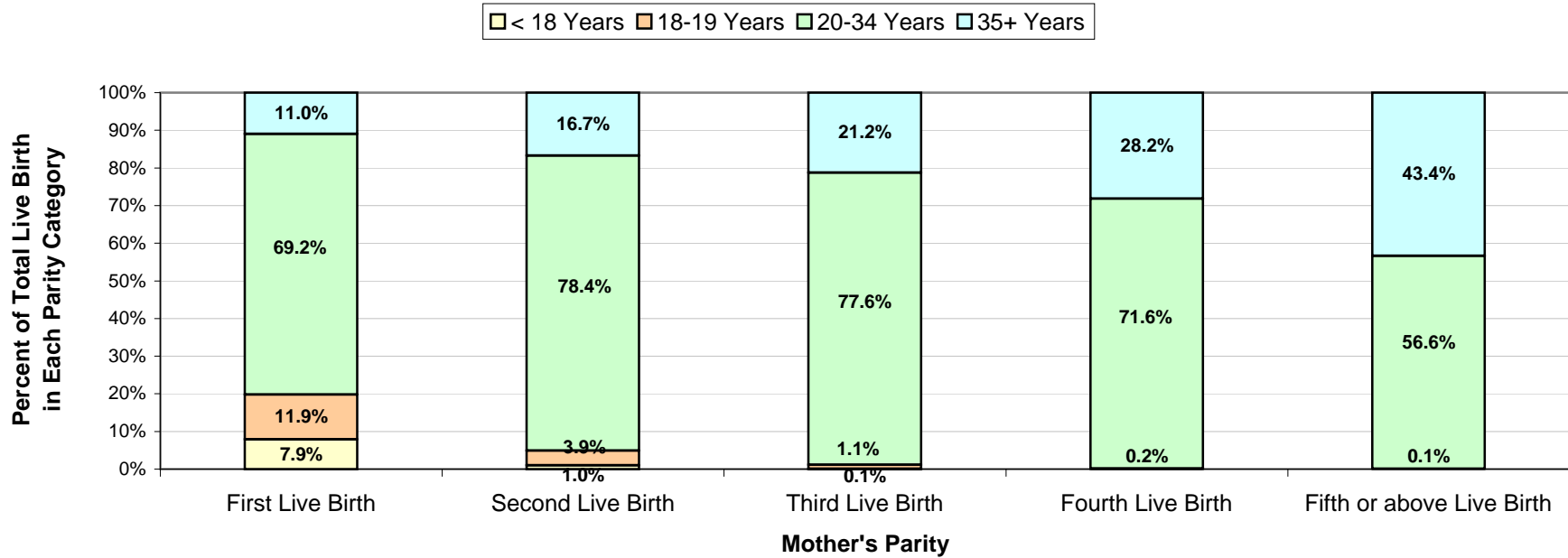
**Percent of Total Live Births by Mother's Parity
Los Angeles County, 2003**



Los Angeles County, 2003				
Parity	Live Births		95% confidence Interval	
	Number	Percent	Lower	Upper
1	58,098	38.2	37.9	38.4
2	47,652	31.3	31.1	31.5
3	27,431	18.0	17.8	18.2
4	11,521	7.6	7.4	7.7
5+	7,287	4.8	4.7	4.9
Unknown	203	0.1	0.1	0.2
Total	152,192	100.0	100.0	100.0

Note: Parity = number of pregnancies resulting in live births to a woman. Number of total live births is used as a proxy for parity.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

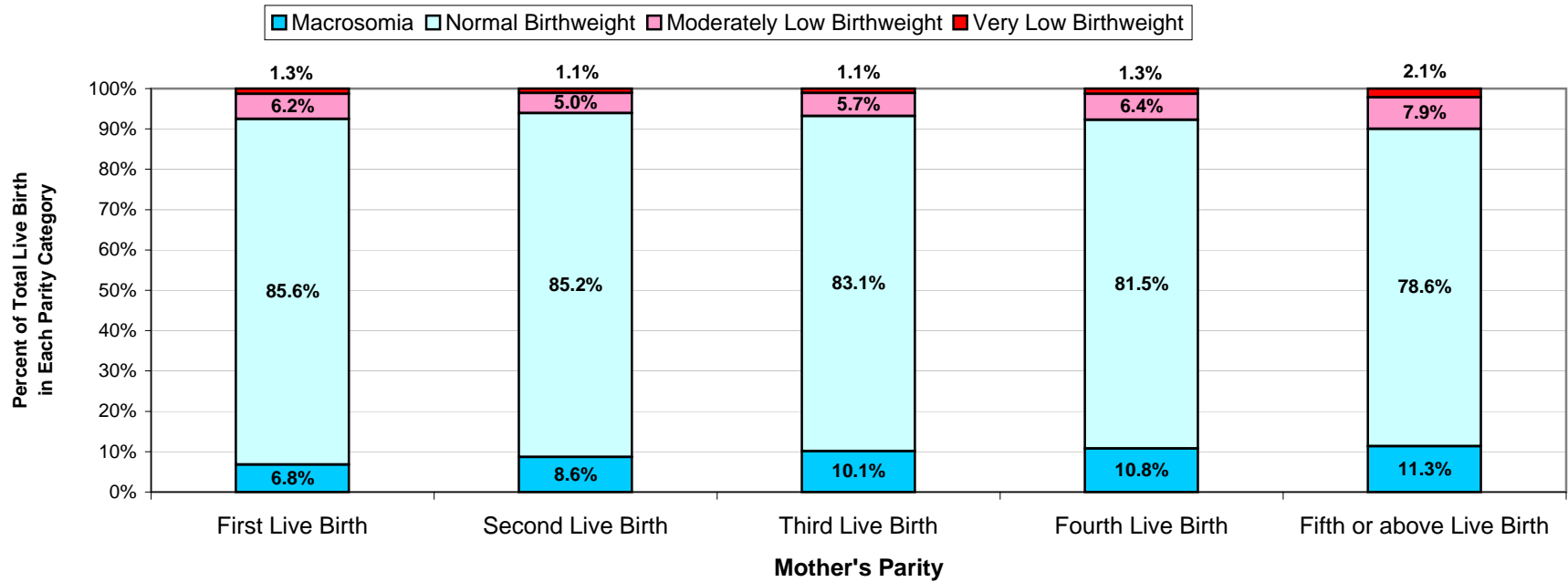
**Percent of Total Live Births by Mother's Age and by Mother's Parity
Los Angeles County, 2003**



Los Angeles County, 2003											
Parity	Mother's Age (years)										Total Live Births
	< 18		18 - 19		20 - 34		> 35		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
1	4,595	7.9	6,914	11.9	40,207	69.2	6,378	11.0	4	0.0	58,098
2	465	1.0	1,865	3.9	37,363	78.4	7,957	16.7	2	0.0	47,652
3	17	0.1	305	1.1	21,283	77.6	5,825	21.2	1	0.0	27,431
4	0	0.0	22	0.2	8,252	71.6	3,246	28.2	1	0.0	11,521
5+	1	0.0	4	0.1	4,122	56.6	3,159	43.4	1	0.0	7,287
Unknown	9	4.4	9	4.4	132	65.0	45	22.2	8	3.9	203
Total	5,087	3.3	9,119	6.0	111,359	73.2	26,610	17.5	17	0.0	152,192

Note: Parity = number of pregnancies resulting in live births to a woman. Number of total live births is used as a proxy for parity.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

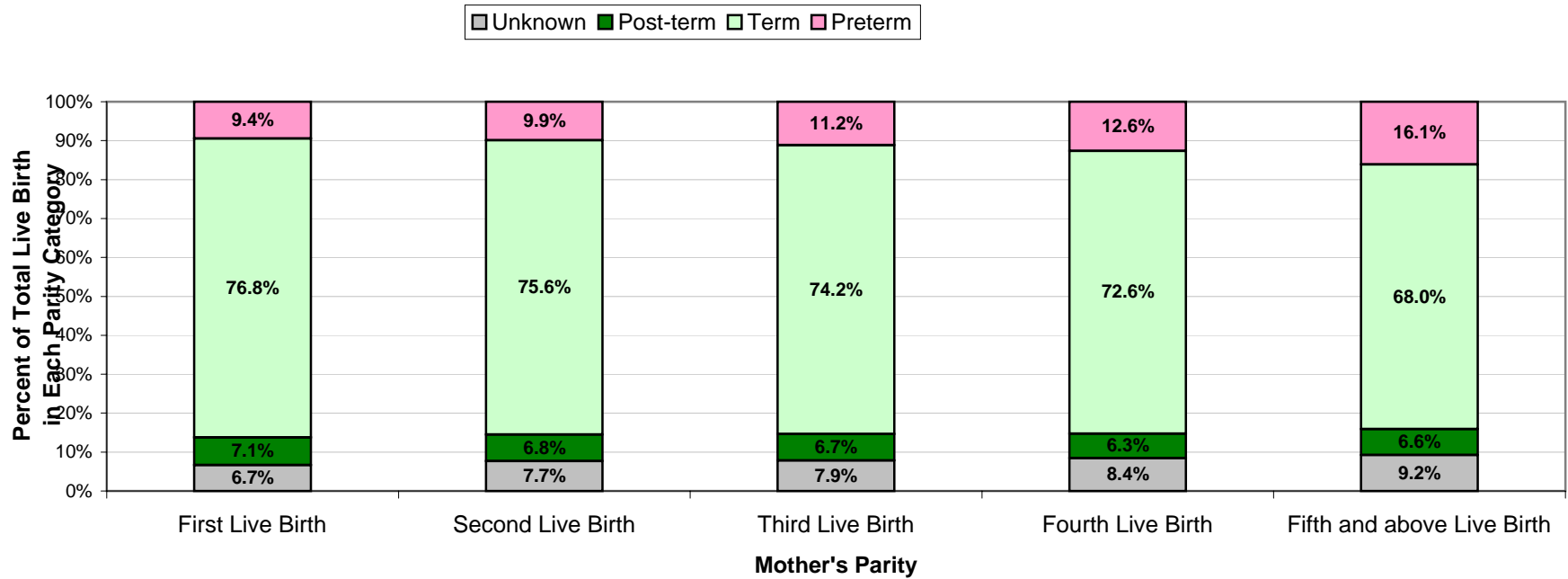
**Percent of Total Live Births by Birthweight and by Mother's Parity
Los Angeles County, 2003**



Los Angeles County, 2003											
Parity	Very Low Birthweight		Moderately Low Birthweight		Normal Birthweight		Macrosomia		Birthweight Unknown		Total Live Births
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
1	763	1.3	3,610	6.2	49,756	85.6	3,969	6.8	0	0.0	58,098
2	534	1.1	2,376	5.0	40,621	85.2	4,121	8.6	0	0.0	47,652
3	297	1.1	1,560	5.7	22,795	83.1	2,779	10.1	0	0.0	27,431
4	149	1.3	739	6.4	9,389	81.5	1,244	10.8	0	0.0	11,521
5+	156	2.1	573	7.9	5,731	78.6	826	11.3	1	0.0	7,287
Unknown	11	5.4	26	12.8	151	74.4	10	4.9	5	2.5	203
Total	1,910	1.3	8,884	5.8	128,443	84.4	12,949	8.5	6	0.0	152,192

Note: Parity = number of pregnancies resulting in live births to a woman. Number of total live births is used as a proxy for parity.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

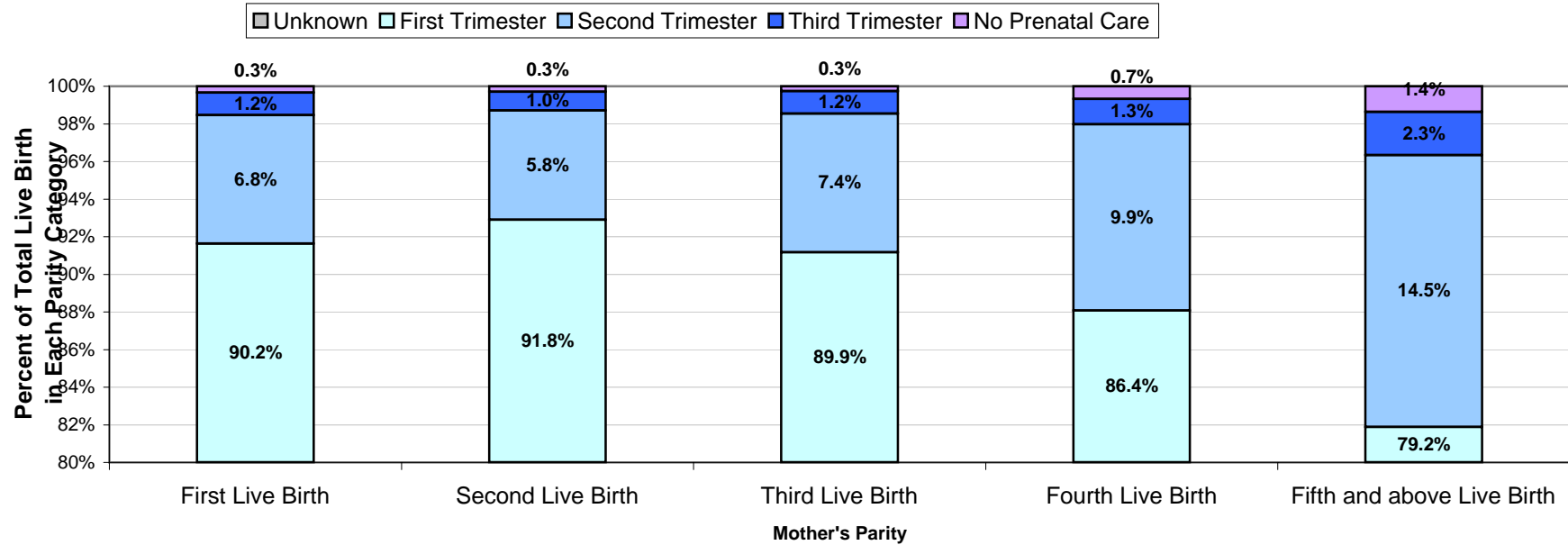
**Percent of Total Live Births by Gestational Age and by Mother's Parity
Los Angeles County, 2003**



Los Angeles County, 2003											
Parity	Very Preterm		Moderate Preterm		Term		Post-term		Gestational Age Unknown		Total Live Births
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
1	922	1.6	4,555	7.8	44,619	76.8	4,128	7.1	3,874	6.7	58,098
2	643	1.3	4,087	8.6	36,015	75.6	3,236	6.8	3,671	7.7	47,652
3	388	1.4	2,679	9.8	20,359	74.2	1,846	6.7	2,159	7.9	27,431
4	221	1.9	1,233	10.7	8,369	72.6	730	6.3	968	8.4	11,521
5+	211	2.9	961	13.2	4,957	68.0	484	6.6	674	9.2	7,287
Unknown	3	1.5	11	5.4	16	7.9	6	3.0	167	82.3	203
Total	2,388	1.6	13,526	8.9	114,335	75.1	10,430	6.9	11,513	7.6	152,192

Note: Parity = number of pregnancies resulting in live births to a woman. Number of total live births is used as a proxy for parity.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

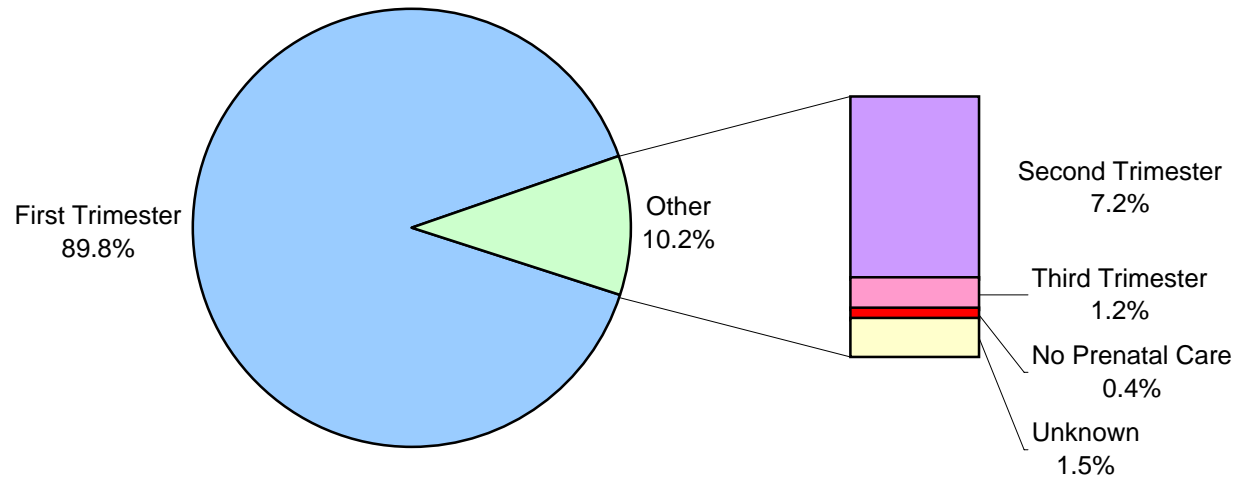
**Percent of Total Live Births by Trimester Prenatal Care Began and by Mother's Parity
Los Angeles County, 2003**



Los Angeles County, 2003											
Parity	No Prenatal Care		Trimester Prenatal Care Began						Unknown		Total Live Births
	Number	Percent	First		Second		Third		Number	Percent	
			Number	Percent	Number	Percent	Number	Percent			
1	192	0.3	52,431	90.2	3,970	6.8	696	1.2	809	1.4	58,098
2	137	0.3	43,763	91.8	2,764	5.8	477	1.0	511	1.1	47,652
3	73	0.3	24,673	89.9	2,020	7.4	327	1.2	338	1.2	27,431
4	78	0.7	9,955	86.4	1,141	9.9	155	1.3	192	1.7	11,521
5+	99	1.4	5,772	79.2	1,053	14.5	168	2.3	195	2.7	7,287
Unknown	7	3.4	15	7.4	2	1.0	2	1.0	177	87.2	203
Total	586	0.4	136,609	89.8	10,950	7.2	1,825	1.2	2,222	1.5	152,192

Note: Parity = number of pregnancies resulting in live births to a woman. Number of total live births is used as a proxy for parity.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

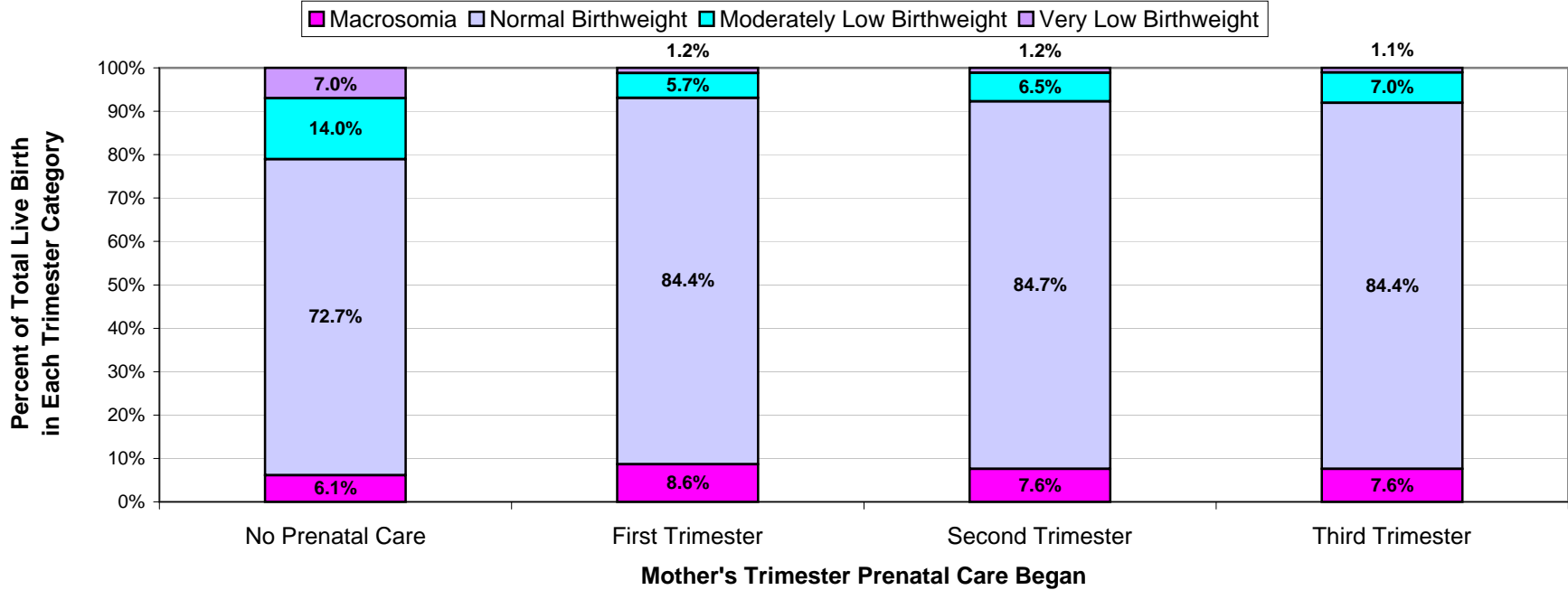
**Percent of Total Live Births by Mother's Trimester Prenatal Care Began
Los Angeles County, 2003**



Los Angeles County, 2003				
Trimester Prenatal Care Began	Live Births		95% confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	586	0.4	0.4	0.4
First	136,609	89.8	89.6	89.9
Second	10,950	7.2	7.1	7.3
Third	1,825	1.2	1.1	1.3
Unknown	2,222	1.5	1.4	1.5
Total	152,192	100.0	100.0	100.0

Year 2010 Objective: Increase the proportion of pregnant women who receive prenatal care in the first trimester of pregnancy to 90 percent of live births.
 Note: "Trimester Prenatal Care Began" excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.
 Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

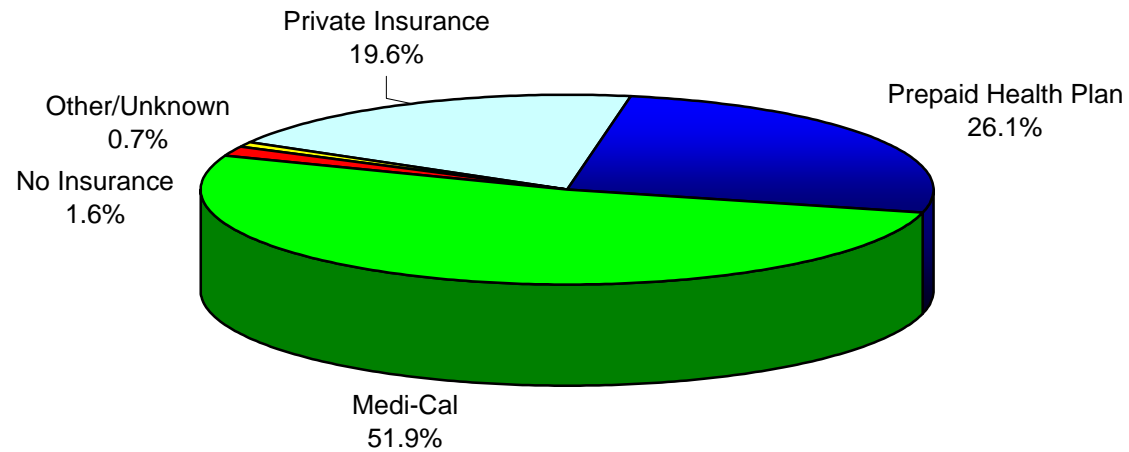
**Percent of Total Live Births by Birthweight
and by Mother's Trimester Prenatal Care Began
Los Angeles County, 2003**



Los Angeles County, 2003											
Trimester Prenatal Care Began	Very Low Birthweight		Moderately Low Birthweight		Normal Birthweight		Macrosomia		Birthweight Unknown		Total Live Births
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
No Prenatal Care	41	7.0	82	14.0	426	72.7	36	6.1	1	0.2	586
First	1,664	1.2	7,788	5.7	115,361	84.4	11,796	8.6	0	0.0	136,609
Second	127	1.2	717	6.5	9,277	84.7	829	7.6	0	0.0	10,950
Third	20	1.1	127	7.0	1,540	84.4	138	7.6	0	0.0	1,825
Unknown	58	2.6	170	7.7	1,839	82.8	150	6.8	5	0.2	2,222
Total	1,910	1.3	8,884	5.8	128,443	84.4	12,949	8.5	6	0.0	152,192

Note: "Trimester Prenatal Care Began" excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Total Births by Source of Payment for Prenatal Care
Los Angeles County, 2003**



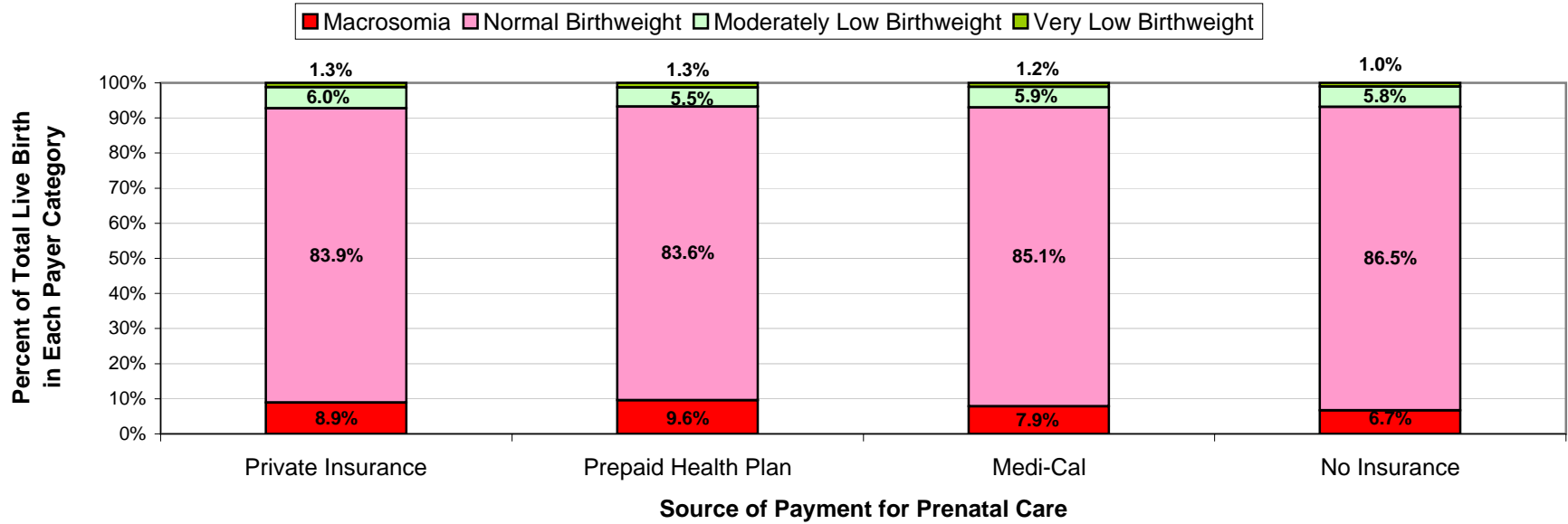
Los Angeles County, 2003				
Source of Payment for Prenatal Care	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
Private Insurance	29,660	19.7	19.5	19.9
Prepaid Health Plan	39,599	26.3	26.1	26.5
Medi-Cal	78,731	52.3	52.1	52.6
No Insurance	2,483	1.7	1.6	1.7
Other/Unknown	1,133	0.8	0.7	0.8
Total	150,473	100.0	100.0	100.0

Note: This analysis excludes those with no prenatal care.

"Prepaid Health Insurance" includes Health Maintenance Organizations and other managed care health programs.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

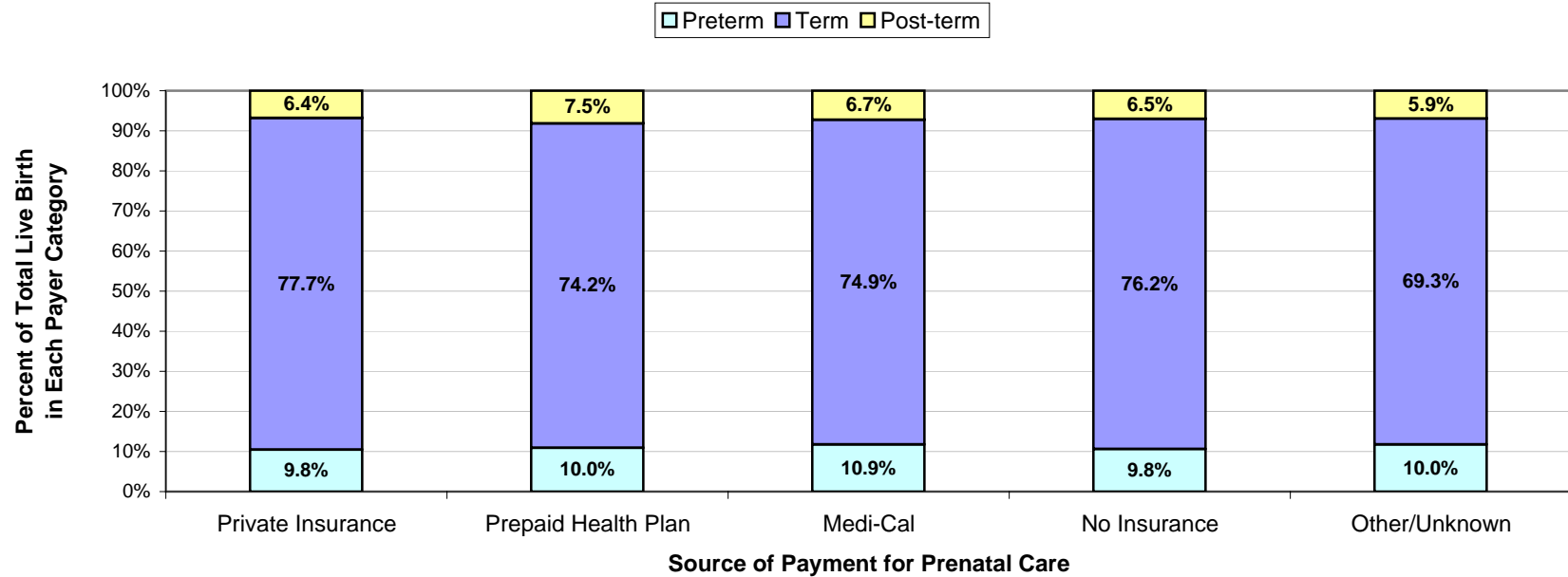
**Percent of Total Live Births by Birthweight and by Source of Payment for Prenatal Care
Los Angeles County, 2003**



Los Angeles County, 2003											
Source of Payment for Prenatal Care	Very Low Birthweight		Moderately Low Birthweight		Normal Birthweight		Macrosomia		Birthweight Unknown		Total Live Births
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
No Prenatal Care	41	7.0	82	14.0	426	72.7	36	6.1	1	0.2	586
Private Insurance	372	1.3	1,775	6.0	24,871	83.9	2,642	8.9	0	0.0	29,660
Prepaid Health Plan	518	1.3	2,172	5.5	33,104	83.6	3,805	9.6	0	0.0	39,599
Medi-Cal	922	1.2	4,624	5.9	66,989	85.1	6,196	7.9	0	0.0	78,731
No Insurance	26	1.0	144	5.8	2,147	86.5	166	6.7	0	0.0	2,483
Other/Unknown	31	2.7	87	7.7	906	80.0	104	9.2	5	0.4	1,133
Total	1,910	1.3	8,884	5.8	128,443	84.4	12,949	8.5	6	0.0	152,192

Note: "Prepaid Health Insurance" includes health maintenance organization and prepaid health program.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

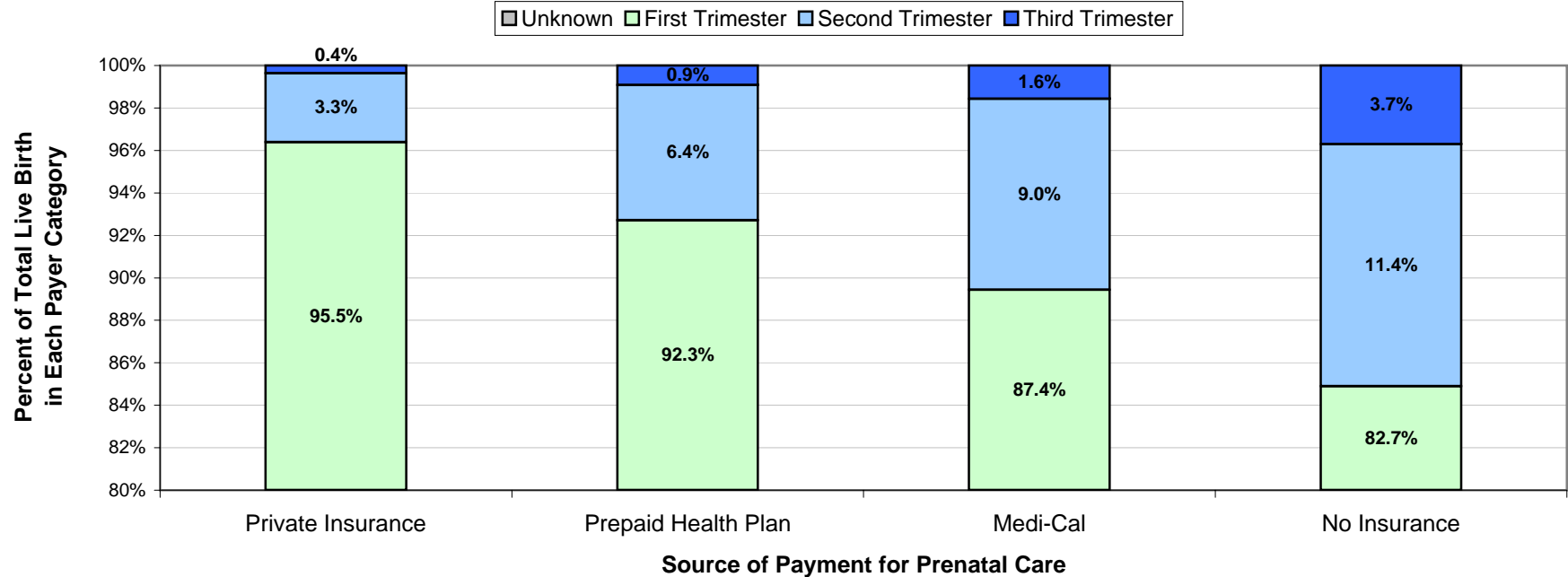
**Percent of Total Live Births by Gestational Age
and by Source of Payment for Prenatal Care
Los Angeles County, 2003**



Los Angeles County, 2003											
Source of Payment for Prenatal Care	Very Preterm		Moderate Preterm		Term		Post-term		Gestational Age Unknown		Total Live Births
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
No Prenatal Care	40	6.8	82	14.0	260	44.4	34	5.8	170	29.0	586
Private Insurance	417	1.4	2,490	8.4	23,049	77.7	1,906	6.4	1,798	6.1	29,660
Prepaid Health Plan	662	1.7	3,290	8.3	29,372	74.2	2,969	7.5	3,306	8.3	39,599
Medi-Cal	1,213	1.5	7,364	9.4	58,977	74.9	5,292	6.7	5,885	7.5	78,731
No Insurance	35	1.4	208	8.4	1,892	76.2	162	6.5	186	7.5	2,483
Other/Unknown	21	1.9	92	8.1	785	69.3	67	5.9	168	14.8	1,133
Total	2,388	1.6	13,526	8.9	114,335	75.1	10,430	6.9	11,513	7.6	152,192

Note: "Prepaid Health Insurance" includes health maintenance organization and prepaid health program.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

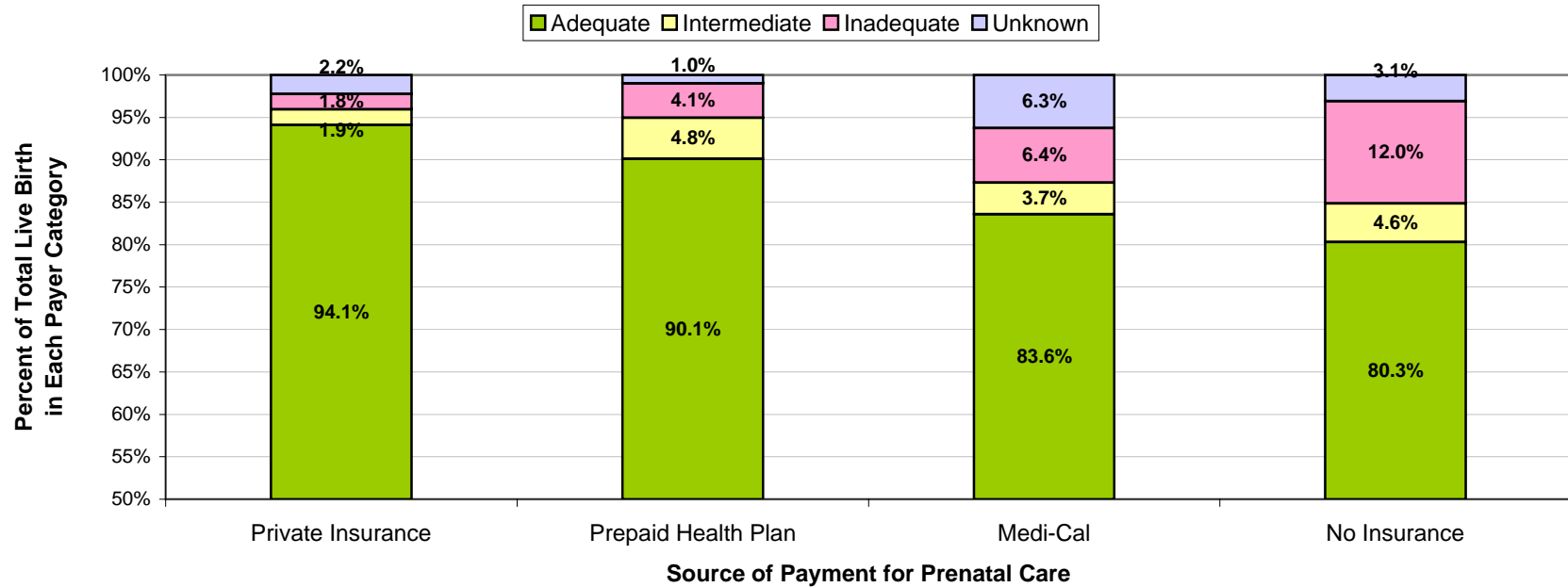
**Percent of Total Live Births by Trimester Prenatal Care Began
and by Source of Payment for Prenatal Care
Los Angeles County, 2003**



Los Angeles County, 2003											
Source of Payment for Prenatal Care	No Prenatal Care		Trimester Prenatal Began						Unknown		Total Live Births
	Number	Percent	First		Second		Third		Number	Percent	
			Number	Percent	Number	Percent	Number	Percent			
No Prenatal Care	586	100.0	0	0.0	0	0.0	0	0.0	0	0.0	586
Private Insurance	0	0.0	28,314	95.5	964	3.3	107	0.4	275	0.9	29,660
Prepaid Health Plan	0	0.0	36,566	92.3	2,519	6.4	366	0.9	148	0.4	39,599
Medi-Cal	0	0.0	68,802	87.4	7,081	9.0	1,236	1.6	1,612	2.0	78,731
No Insurance	0	0.0	2,053	82.7	283	11.4	92	3.7	55	2.2	2,483
Other/Unknown	0	0.0	874	77.1	103	9.1	24	2.1	132	11.7	1,133
Total	586	0.4	136,609	89.8	10,950	7.2	1,825	1.2	2,222	1.5	152,192

Note: "Prepaid Health Insurance" includes health maintenance organization and prepaid health program.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

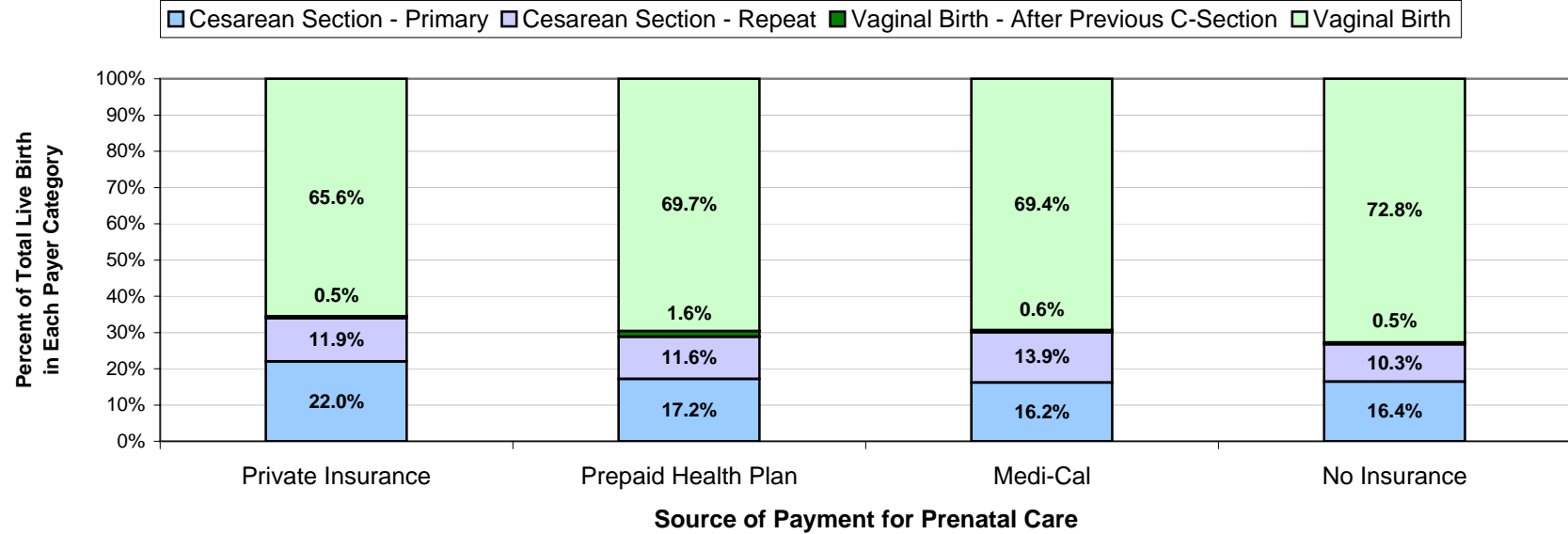
**Percent of Total Live Births by Adequacy of Prenatal Care Utilization Index
and by Source of Payment for Prenatal Care
Los Angeles County, 2003**



Los Angeles County, 2003									
Source of Payment for Prenatal Care	Adequacy of Prenatal Care (PNC) Utilization Index						Unknown		Total Live Births
	Adequate		Intermediate		Inadequate				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
No Prenatal Care	0	0.0	0	0.0	586	100.0	0	0.0	586
Private Insurance	27,908	94.1	550	1.9	543	1.8	659	2.2	29,660
Prepaid Health Plan	35,684	90.1	1,916	4.8	1,606	4.1	393	1.0	39,599
Medi-Cal	65,798	83.6	2,942	3.7	5,069	6.4	4,922	6.3	78,731
No Insurance	1,994	80.3	113	4.6	299	12.0	77	3.1	2,483
Other/Unknown	845	74.6	30	2.6	99	8.7	159	14.0	1,133
Total	132,229	86.9	5,551	3.6	8,202	5.4	6,210	4.1	152,192

Note: "Prepaid Health Insurance" includes health maintenance organization and prepaid health program.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

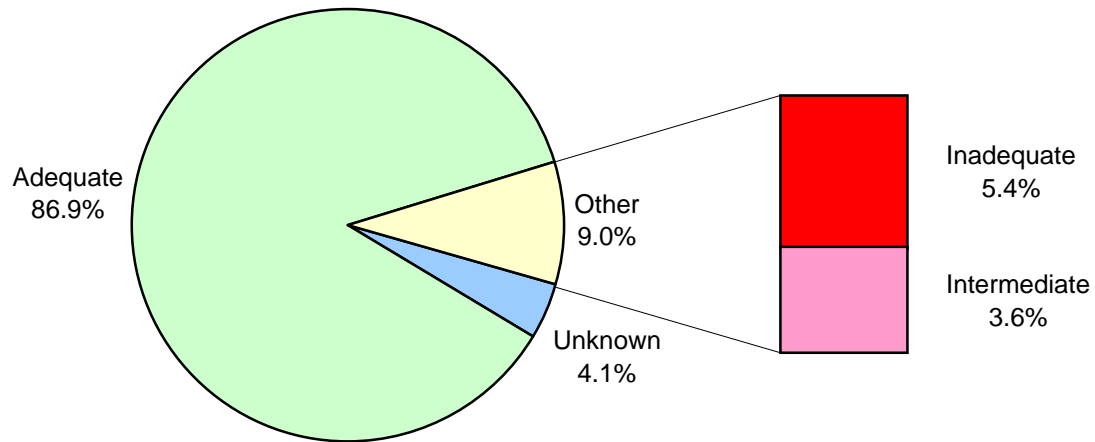
**Percent of Total Live Births by Method of Delivery
and by Source of Payment for Prenatal Care
Los Angeles County, 2003**



Los Angeles County, 2003									
Source of Payment for Prenatal Care	Method of Delivery								Total Live Births
	Cesarean Section - Primary		Cesarean Section - Repeat		Vaginal Birth - After Previous C-Section		Vaginal Birth		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
No Prenatal Care	72	12.3	59	10.1	11	1.9	444	75.8	586
Private Insurance	6,529	22.0	3,534	11.9	146	0.5	19,451	65.6	29,660
Prepaid Health Plan	6,799	17.2	4,603	11.6	616	1.6	27,581	69.7	39,599
Medi-Cal	12,741	16.2	10,913	13.9	459	0.6	54,618	69.4	78,731
No Insurance	407	16.4	256	10.3	12	0.5	1,808	72.8	2,483
Other/Unknown	206	18.2	124	10.9	10	0.9	793	70.0	1,133
Total	26,754	17.6	19,489	12.8	1,254	0.8	104,695	68.8	152,192

Note: "Prepaid Health Insurance" includes health maintenance organization and prepaid health program.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Total Live Births by Adequacy of Prenatal Care Utilization Index
Los Angeles County, 2003**



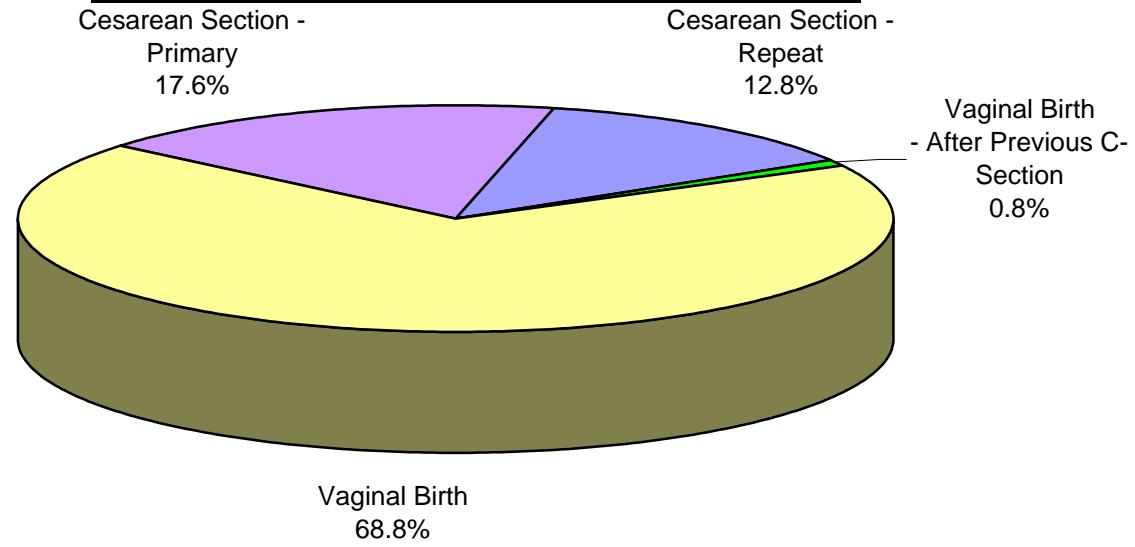
Los Angeles County, 2003				
Adequacy of Prenatal Care Utilization Index	Live Births		95% confidence Interval	
	Number	Percent	Lower	Upper
Adequate	132,229	86.9	86.7	87.1
Intermediate	5,551	3.6	3.6	3.7
Inadequate	8,202	5.4	5.3	5.5
Unknown	6,210	4.1	4.0	4.2
Total	152,192	100.0	100.0	100.0

Year 2010 Objective: Increase the proportion of pregnant women who receive early and adequate prenatal care to 90 percent of live births.

Note: The APNCU Index measures prenatal care utilization, which includes consideration of the month prenatal care began and the number of prenatal care visits during the time mothers actually received prenatal care. This utilization index is based on the recommendations established by the American College of Obstetrics and Gynecologists (ACOG). Appendix A contains the specific criteria for timing and number of prenatal care visits that are used to assign adequacy categories.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

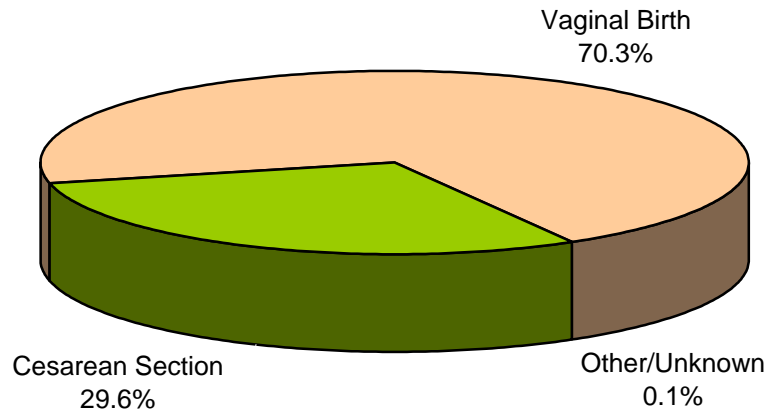
**Percent of Total Live Births by Method of Delivery
Los Angeles County, 2003**



Los Angeles County, 2003				
Mother's Method of Delivery	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
Cesarean Section - Primary	26,754	17.6	17.4	17.8
Cesarean Section - Repeat	19,489	12.8	12.6	13.0
Vaginal Birth - After Previous C-Section	1,254	0.8	0.8	0.9
Vaginal Birth	104,695	68.8	68.6	69.0
Total	152,192	100.0	100.0	100.0

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Total Live Births to First-time Delivery Women by Type of Delivery
Los Angeles County, 2003**



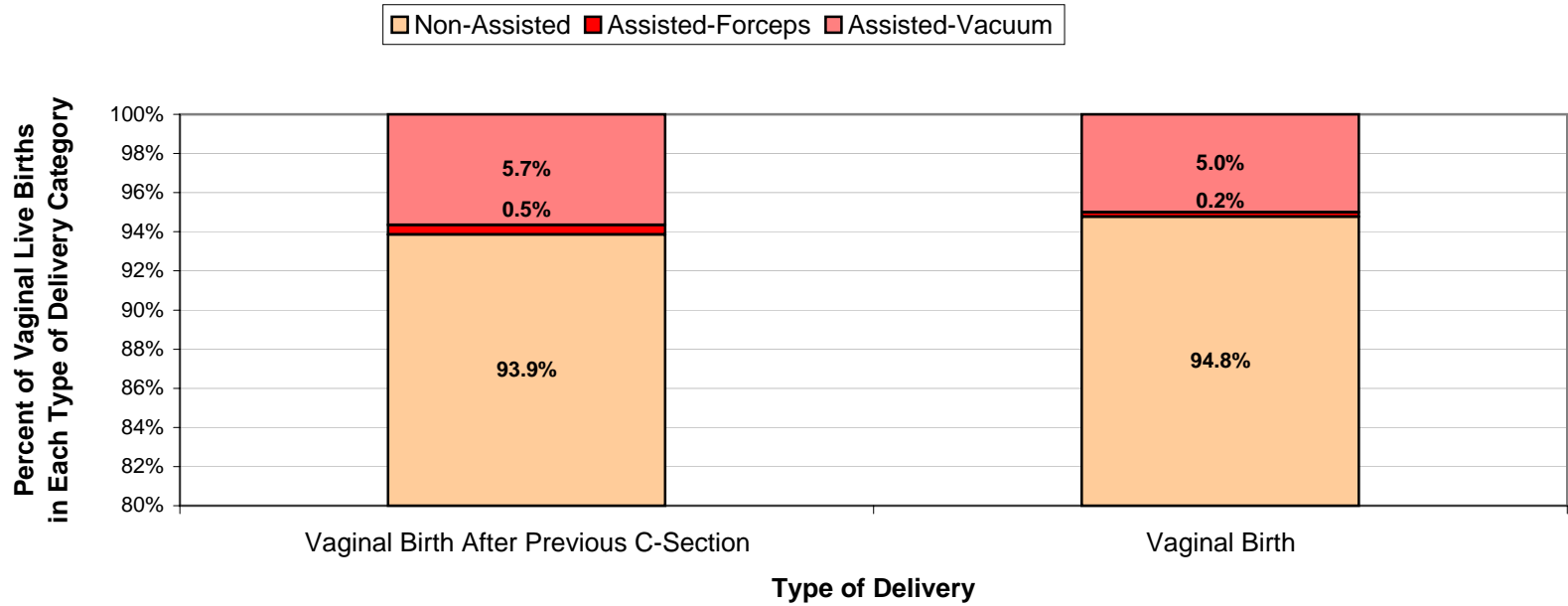
Los Angeles County, 2003				
Mother's Method of Delivery	Vaginal Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
Cesarean Section	17,223	29.7	29.3	30.0
Vaginal Birth	40,835	70.3	70.0	70.7
Other/Unknown	40	0.1	-0.7	0.9
Total	58,058	100.0	100.0	100.0

Year 2010 Objective: Reduce cesarean births among women giving birth for the first time to an incident of no more than 15 percent.

Note: Women giving the first live birth is used as a proxy of women giving birth for the first time.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

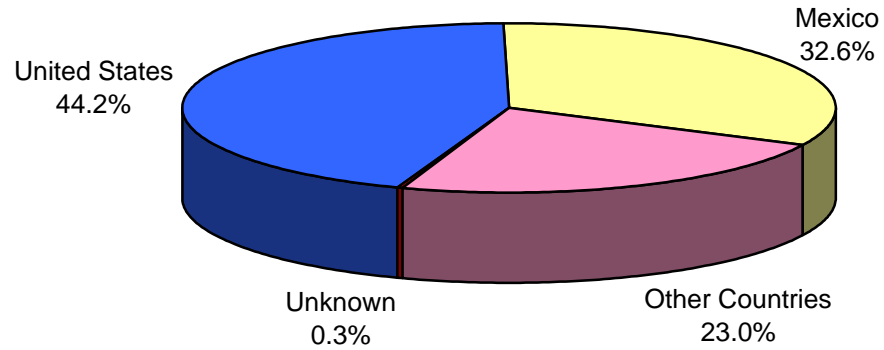
**Percent of Vaginal Live Births by Type of Delivery
Los Angeles County, 2003**



Los Angeles County, 2003							Total Vaginal Live Births
Mother's Method of Delivery	Assisted				Non-Assisted		
	Forceps		Vacuum		Number	Percent	
	Number	Percent	Number	Percent			
Vaginal Birth After Previous C-Section	6	0.5	71.0	5.7	1177.0	93.9	1,254
Vaginal Birth	243	0.2	5235.0	5.0	99217.0	94.8	104,695
Total	249	0.2	5306.0	5.0	100394.0	94.8	105,949

Note: Assisted vaginal births include use of forceps or use of vacuum.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

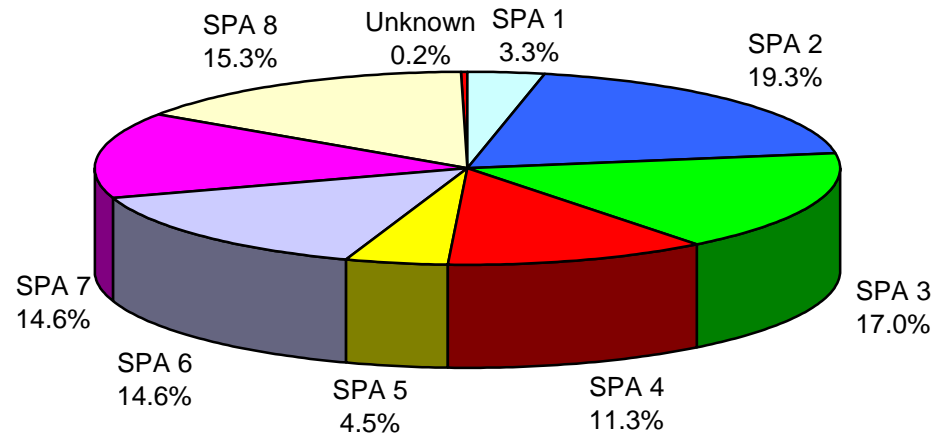
**Percent of Total Live Births by Mother's Birth Place
Los Angeles County, 2003**



Los Angeles County, 2003				
Mother's Birth Place	Live Births		95% confidence Interval	
	Number	Percent	Lower	Upper
United States	67,300	44.2	44.0	44.5
Mexico	49,544	32.6	32.3	32.8
Other Countries	34,956	23.0	22.8	23.2
Unknown	392	0.3	0.2	0.3
Total	152,192	100.0	100.0	100.0

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

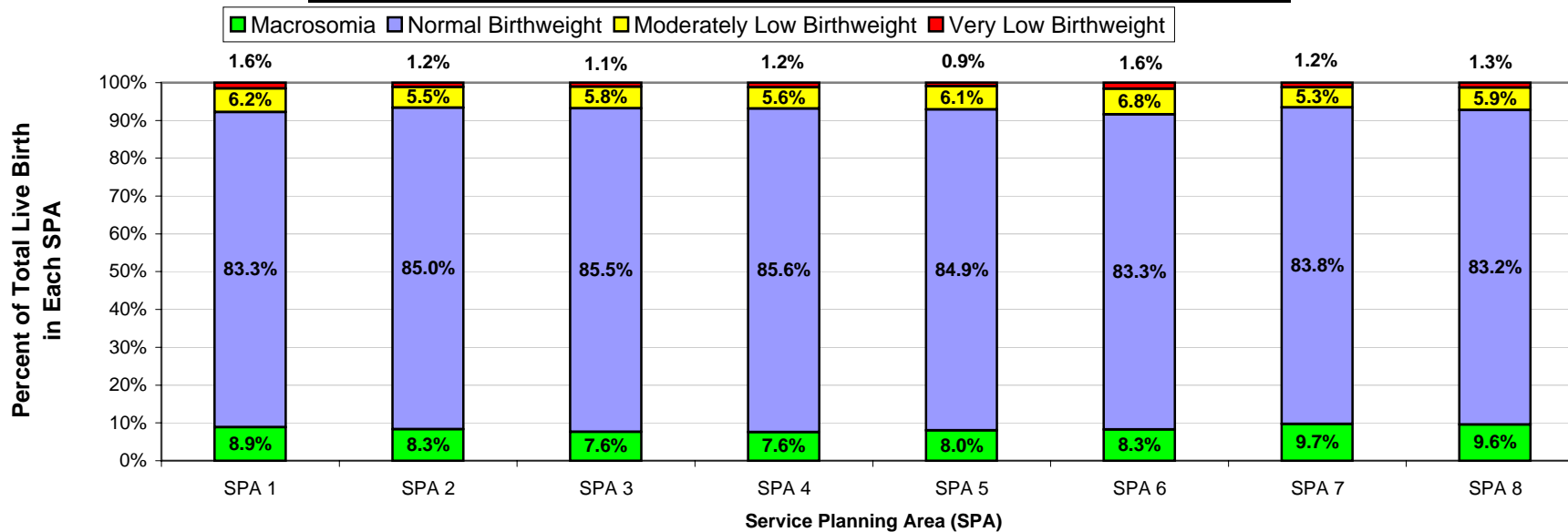
**Percent of Total Live Births by Service Planning Area (SPA)
Los Angeles County, 2003**



Los Angeles County, 2003				
Service Planning Area (SPA)	Live Births		95% confidence Interval	
	Number	Percent	Lower	Upper
SPA 1	4,948	3.3	3.2	3.3
SPA 2	29,318	19.3	19.1	19.5
SPA 3	25,841	17.0	16.8	17.2
SPA 4	17,153	11.3	11.1	11.4
SPA 5	6,889	4.5	4.4	4.6
SPA 6	22,231	14.6	14.4	14.8
SPA 7	22,162	14.6	14.4	14.7
SPA 8	23,328	15.3	15.1	15.5
Unknown	322	0.2	0.2	0.2
Total	152,192	100.0	100.0	100.0

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

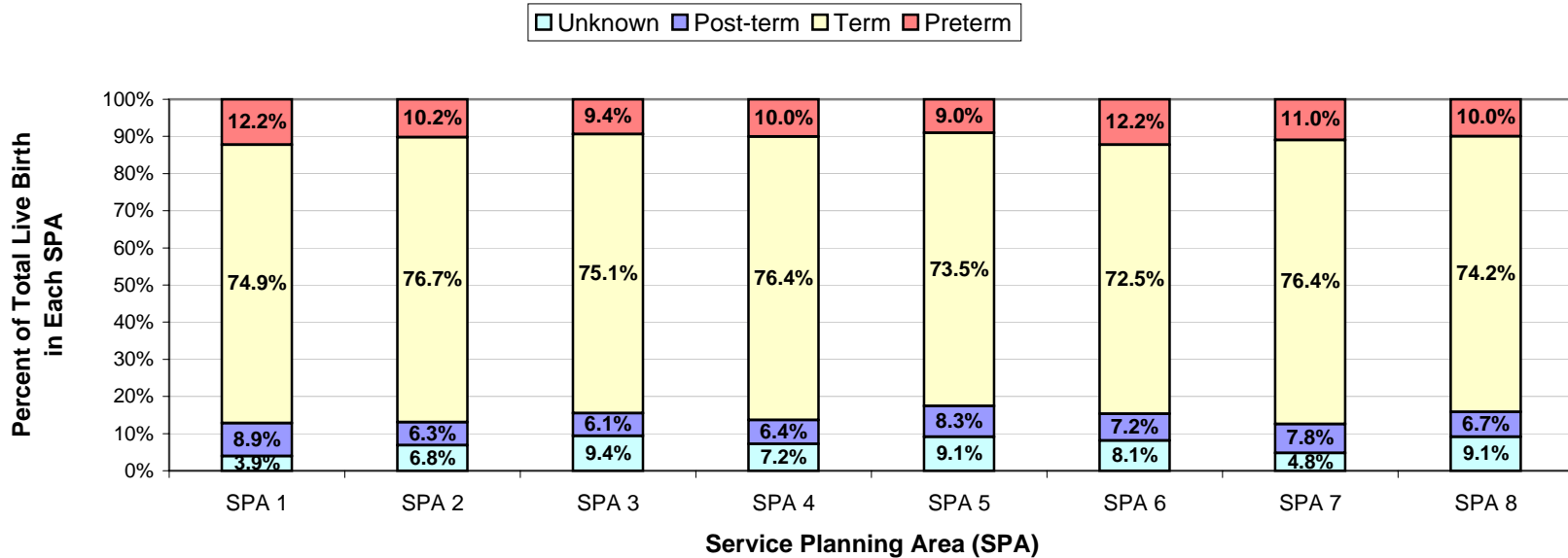
**Percent of Total Live Births by Birthweight and by Service Planning Area
Los Angeles County, 2003**



Los Angeles County, 2003											
Service Planning Area (SPA)	Very Low Birthweight		Moderately Low Birthweight		Normal Birthweight		Macrosumia		Birthweight Unknown		Total Live Births
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
SPA 1	78	1.6	308	6.2	4,122	83.3	440	8.9	0	0.0	4,948
SPA 2	343	1.2	1,601	5.5	24,926	85.0	2,448	8.3	0	0.0	29,318
SPA 3	273	1.1	1,488	5.8	22,106	85.5	1,974	7.6	0	0.0	25,841
SPA 4	210	1.2	968	5.6	14,679	85.6	1,296	7.6	0	0.0	17,153
SPA 5	64	0.9	423	6.1	5,848	84.9	554	8.0	0	0.0	6,889
SPA 6	356	1.6	1,517	6.8	18,522	83.3	1,836	8.3	0	0.0	22,231
SPA 7	276	1.2	1,168	5.3	18,567	83.8	2,150	9.7	1	0.0	22,162
SPA 8	302	1.3	1,388	5.9	19,402	83.2	2,236	9.6	0	0.0	23,328
Unknown	8	2.5	23	7.1	271	84.2	15	4.7	5	1.6	322
Total	1,910	1.3	8,884	5.8	128,443	84.4	12,949	8.5	6	0.0	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

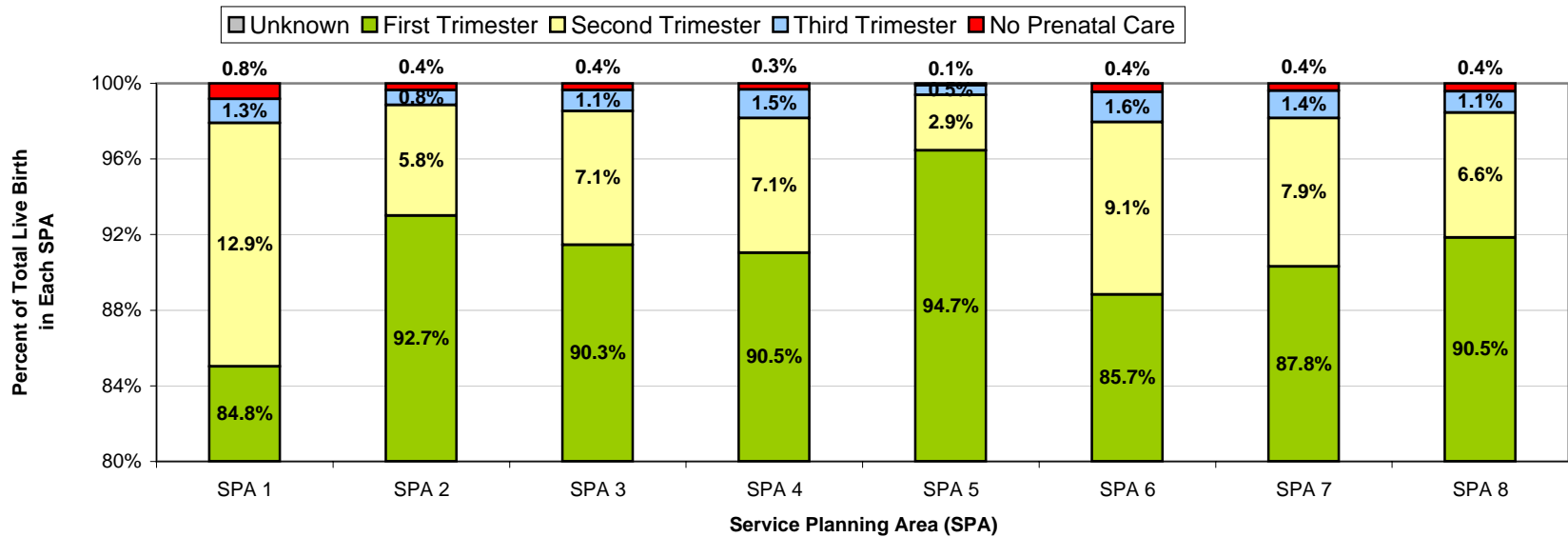
**Percent of Total Live Births by Gestational Age and by Service Planning Area
Los Angeles County, 2003**



Los Angeles County, 2003											
Service Planning Area (SPA)	Very Preterm		Moderate Preterm		Term		Post-term		Gestational Age Unknown		Total Live Births
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
SPA 1	110	2.2	495	10.0	3,708	74.9	442	8.9	193	3.9	4,948
SPA 2	441	1.5	2,552	8.7	22,483	76.7	1,838	6.3	2,004	6.8	29,318
SPA 3	319	1.2	2,109	8.2	19,416	75.1	1,571	6.1	2,426	9.4	25,841
SPA 4	239	1.4	1,480	8.6	13,099	76.4	1,095	6.4	1,240	7.2	17,153
SPA 5	77	1.1	545	7.9	5,066	73.5	573	8.3	628	9.1	6,889
SPA 6	464	2.1	2,256	10.1	16,108	72.5	1,601	7.2	1,802	8.1	22,231
SPA 7	369	1.7	2,070	9.3	16,940	76.4	1,727	7.8	1,056	4.8	22,162
SPA 8	364	1.6	1,969	8.4	17,312	74.2	1,559	6.7	2,124	9.1	23,328
Unknown	5	1.6	50	15.5	203	63.0	24	7.5	40	12.4	322
Total	2,388	1.6	13,526	8.9	114,335	75.1	10,430	6.9	11,513	7.6	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

Percent of Total Live Births by Trimester Prenatal Care Began by Service Planning Area Los Angeles County, 2003

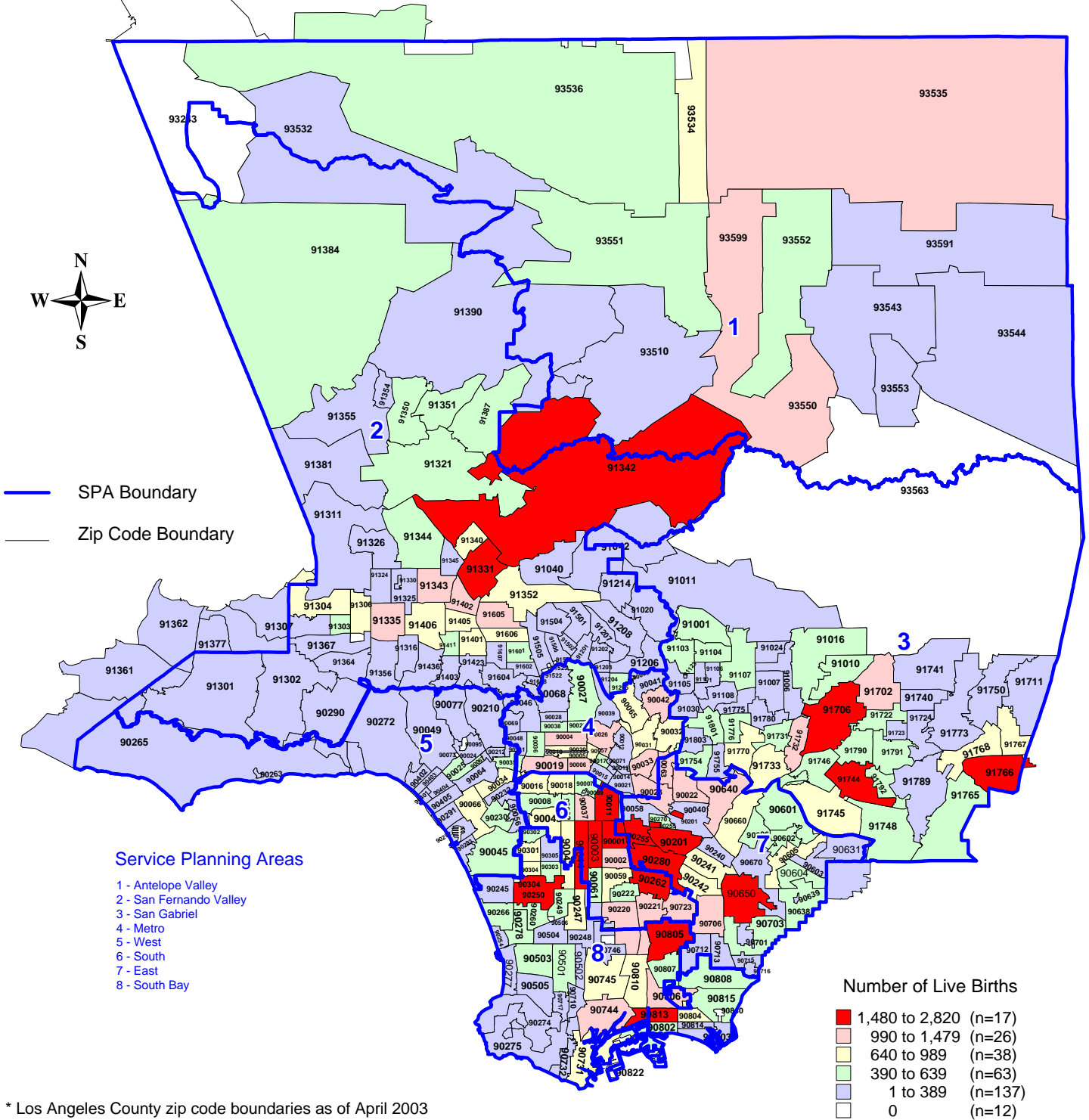


Los Angeles County, 2003											
Service Planning Area (SPA)	No Prenatal Care		Trimester Prenatal Began						Unknown		Total Live Births
	Number	Percent	First		Second		Third		Number	Percent	
			Number	Percent	Number	Percent	Number	Percent			
SPA 1	41	0.8	4,198	84.8	637	12.9	63	1.3	9	0.2	4,948
SPA 2	104	0.4	27,171	92.7	1,712	5.8	233	0.8	98	0.3	29,318
SPA 3	91	0.4	23,339	90.3	1,828	7.1	287	1.1	296	1.1	25,841
SPA 4	54	0.3	15,515	90.5	1,224	7.1	260	1.5	100	0.6	17,153
SPA 5	7	0.1	6,524	94.7	202	2.9	35	0.5	121	1.8	6,889
SPA 6	100	0.4	19,050	85.7	2,030	9.1	354	1.6	697	3.1	22,231
SPA 7	85	0.4	19,459	87.8	1,741	7.9	321	1.4	556	2.5	22,162
SPA 8	96	0.4	21,109	90.5	1,541	6.6	265	1.1	317	1.4	23,328
Unknown	8	2.5	244	75.8	35	10.9	7	2.2	28	8.7	322
Total	586	0.4	136,609	89.8	10,950	7.2	1,825	1.2	2,222	1.5	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

Number of Live Births by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192

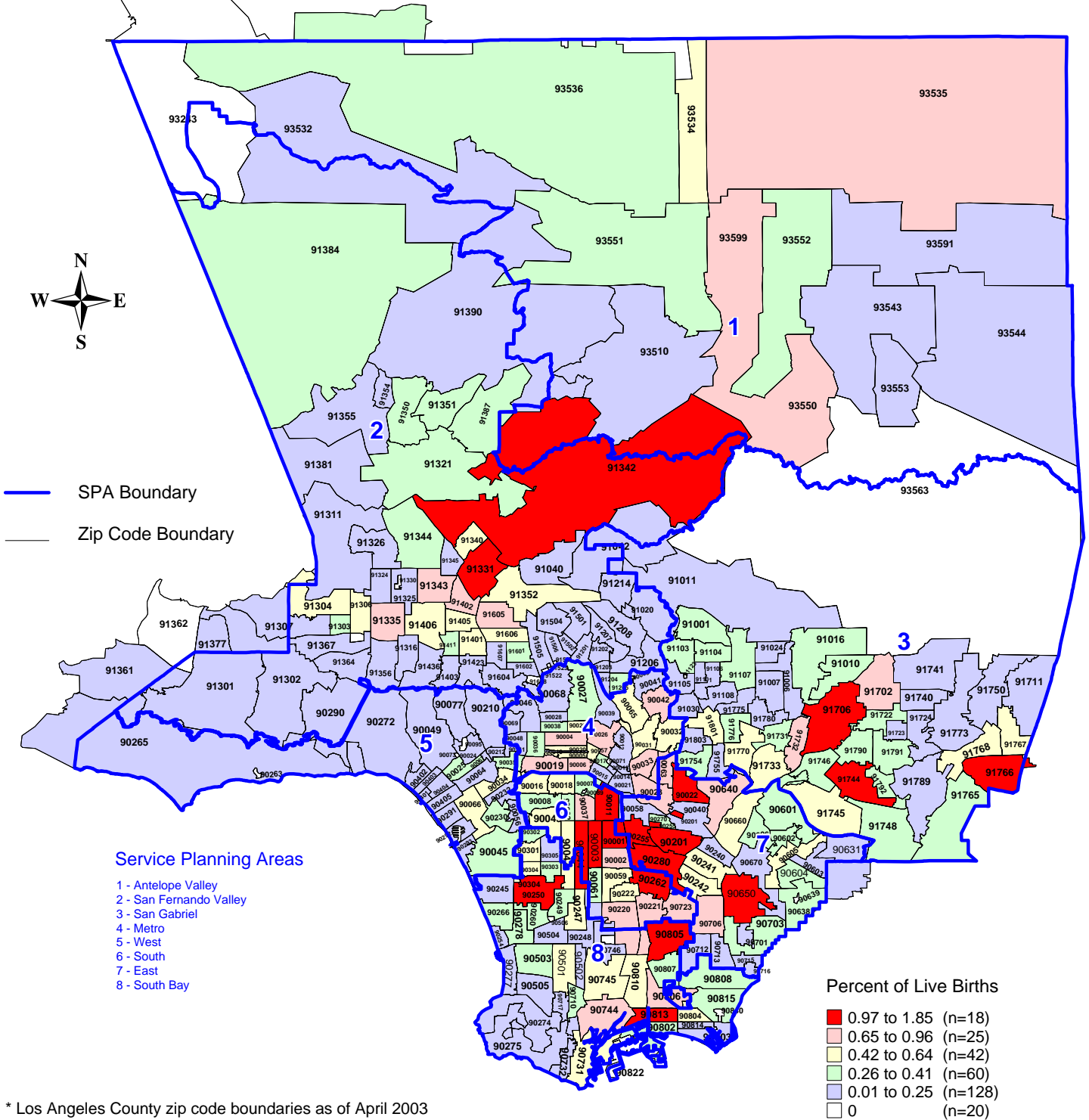
n = total number of zip codes in range

Source: California Department of Health Services,
Center for Health Statistics, Vital Statistics, 2003



Percent of Live Births by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192

n = total number of zip codes in range

Note: Percent of live births is the number of live births in each zip code divided by the total number of live births in Los Angeles County



Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

TEEN BIRTH

TITLE V PERINATAL INDICATORS 2003

INDICATOR: Fertility Rate Among Girls

DEFINITION: The number of live births per 1,000 adolescent females by age at delivery (less than 15 years of age, 15 to 17 years of age, 18 to 19 years of age)

NUMERATOR: The total number of live births among adolescent females, by age group (less than 15, 15 to 17, 18 to 19), by place of residence, in a calendar year

DENOMINATOR: The total number of adolescent females by age group (less than 15, 15 to 17, 18 to 19), by place of residence, in a calendar year

HEALTHY PEOPLE 2010 OBJECTIVE:

Reduce pregnancies among adolescent females to no more than 43 pregnancies per 1,000 adolescents. (Baseline: 68 pregnancies per 1,000 females aged 15 to 17 years in 1996) (Objective 9-7)

RISK FACTORS: Low income; low maternal education level; race/ethnicity (African American, Hispanic); lack of effective contraceptive use/family planning practices; lack of education/counseling regarding contraceptive use/family planning; previous teen pregnancy; initiation of sexual activity at a young age

Births to adolescent females less than 15 years of age

Year	California				Los Angeles County			
	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1994	1,687	1.5	1.4	1.6	544	1.7	1.6	1.8
1995	1,640	1.5	1.4	1.5	550	1.7	1.6	1.9
1996	1,485	1.3	1.2	1.4	477	1.5	1.4	1.6
1997	1,256	1.1	1.0	1.1	408	1.3	1.1	1.4
1998	1,066	0.9	0.8	1.0	337	1.0	0.9	1.1
1999	1,037	0.9	0.8	0.9	323	0.9	0.8	1.0
2000	895	0.7	0.7	0.8	274	0.8	0.7	0.9
2001	810	0.6	0.6	0.7	269	0.7	0.6	0.8
2002	743	0.6	0.5	0.6	248	0.6	0.6	0.7
2003	710	0.5	0.5	0.6	209	0.5	0.5	0.6

Denominator: Females < 15 (i.e. 10 - 14)		
Year	California	LA County
1994	1,118,024	319,727
1995	1,130,754	320,362
1996	1,143,744	321,119
1997	1,165,175	325,188
1998	1,187,183	331,434
1999	1,219,471	341,591
2000	1,265,233	357,376
2001	1,312,244	372,397
2002	1,349,917	386,073
2003	1,374,562	396,653

Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".
 Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.
 California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

TITLE V PERINATAL INDICATORS 2003

INDICATOR: Fertility Rate Among Girls (continued)

Births to adolescent females 15 to 17 years of age

Year	California				Los Angeles County			
	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1994	26,378	42.3	41.8	42.8	8,576	46.2	45.2	47.1
1995	25,821	40.4	39.9	40.9	8,369	44.5	43.6	45.4
1996	24,047	36.4	36.0	36.9	7,741	40.3	39.4	41.1
1997	23,064	33.8	33.4	34.2	7,237	36.8	36.0	37.6
1998	21,630	31.1	30.6	31.5	6,770	34.1	33.3	34.9
1999	20,209	28.8	28.4	29.2	6,293	32.1	31.3	32.9
2000	18,887	26.6	26.2	26.9	5,801	29.7	28.9	30.4
2001	17,307	23.8	23.5	24.2	5,373	27.2	26.5	27.9
2002	16,660	22.4	22.0	22.7	5,081	25.1	24.5	25.8
2003	16,193	21.1	20.8	21.4	4,878	23.5	22.8	24.1

Denominator: Female 15-17		
Year	California	LA County
1994	622,956	185,783
1995	638,728	188,053
1996	659,930	192,308
1997	682,334	196,675
1998	696,514	198,441
1999	701,609	196,221
2000	711,170	195,409
2001	726,912	197,377
2002	745,239	202,069
2003	766,755	207,672

Births to adolescent females 18 to 19 years of age

Year	California				Los Angeles County			
	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1994	41,820	99.9	99.0	100.8	13,515	104.8	103.2	106.5
1995	40,823	97.1	96.2	98.0	13,243	102.9	101.2	104.5
1996	39,071	92.2	91.4	93.1	12,217	95.6	94.0	97.2
1997	36,787	85.6	84.7	86.4	11,293	88.3	86.8	89.9
1998	36,511	81.9	81.1	82.7	11,153	84.8	83.3	86.3
1999	36,368	78.2	77.4	78.9	10,850	80.0	78.5	81.4
2000	36,486	76.8	76.1	77.6	10,807	79.9	78.5	81.4
2001	35,659	73.4	72.6	74.1	10,177	77.0	75.6	78.4
2002	33,541	68.2	67.5	68.9	9,429	73.0	71.6	74.4
2003	33,137	66.0	65.4	66.7	9,119	70.3	68.9	71.7

Denominator: Female 18-19		
Year	California	LA County
1994	418,521	128,928
1995	420,467	128,713
1996	423,644	127,782
1997	429,919	127,852
1998	445,726	131,563
1999	465,217	135,663
2000	474,956	135,235
2001	485,957	132,150
2002	492,043	129,193
2003	501,764	129,785

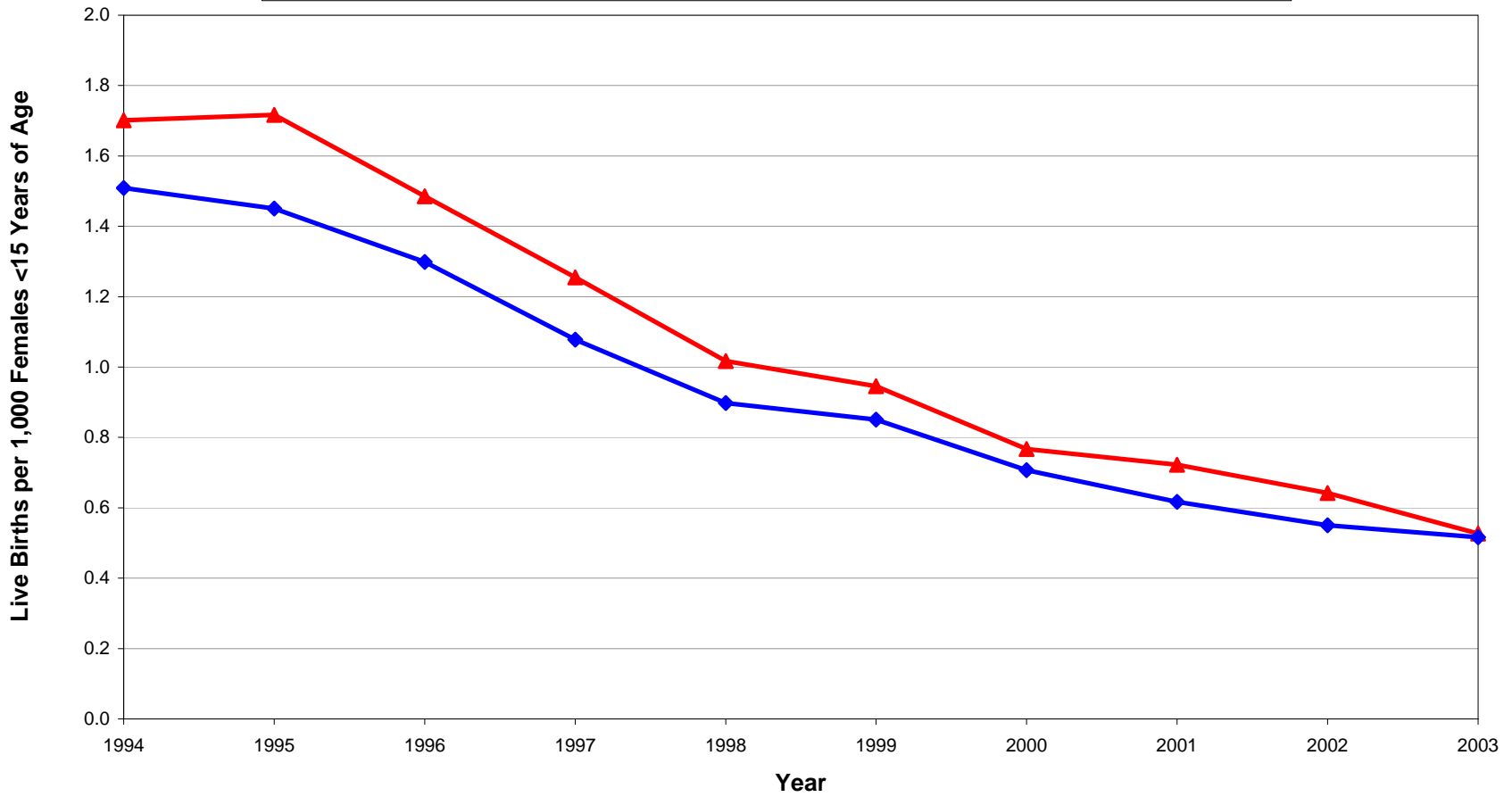
Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

**Live Births per 1,000 Adolescent Females Less Than 15 Years of Age
California vs. Los Angeles County, 1994-2003**

▲ Los Angeles County Rate
 ◆ State of California Rate



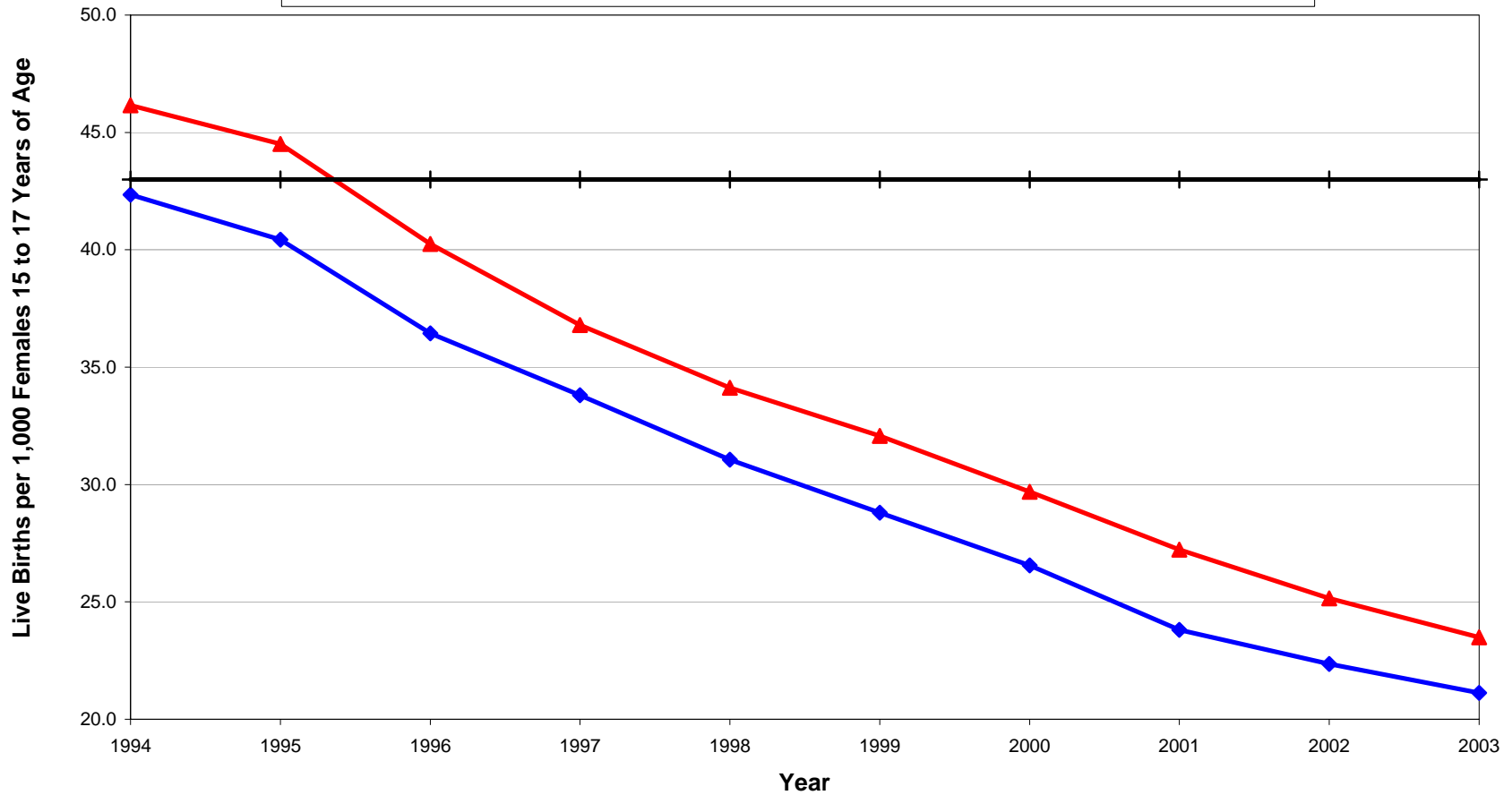
Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

Live Births per 1,000 Adolescent Females 15 to 17 Years of Age California vs. Los Angeles County, 1994-2003

▲ Los Angeles County Rate
 ◆ State of California Rate
 — Healthy People 2010



Year 2010 Objective: Reduce pregnancies among adolescent females to no more than 43 pregnancies per 1,000 adolescents

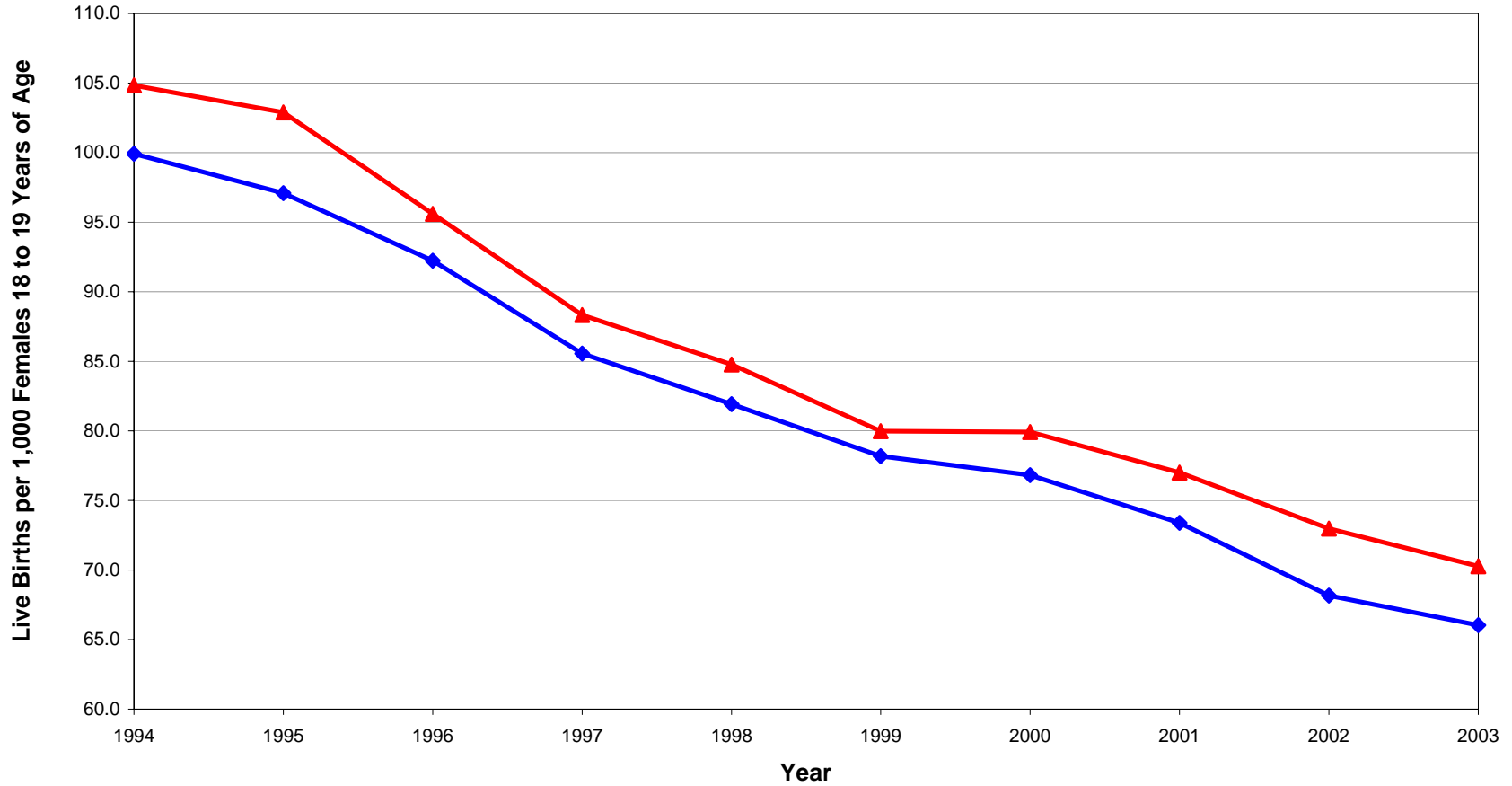
Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

Live Births per 1,000 Adolescent Females 18 to 19 Years of Age California vs. Los Angeles County, 1994-2003

▲ Los Angeles County Rate ◆ State of California Rate

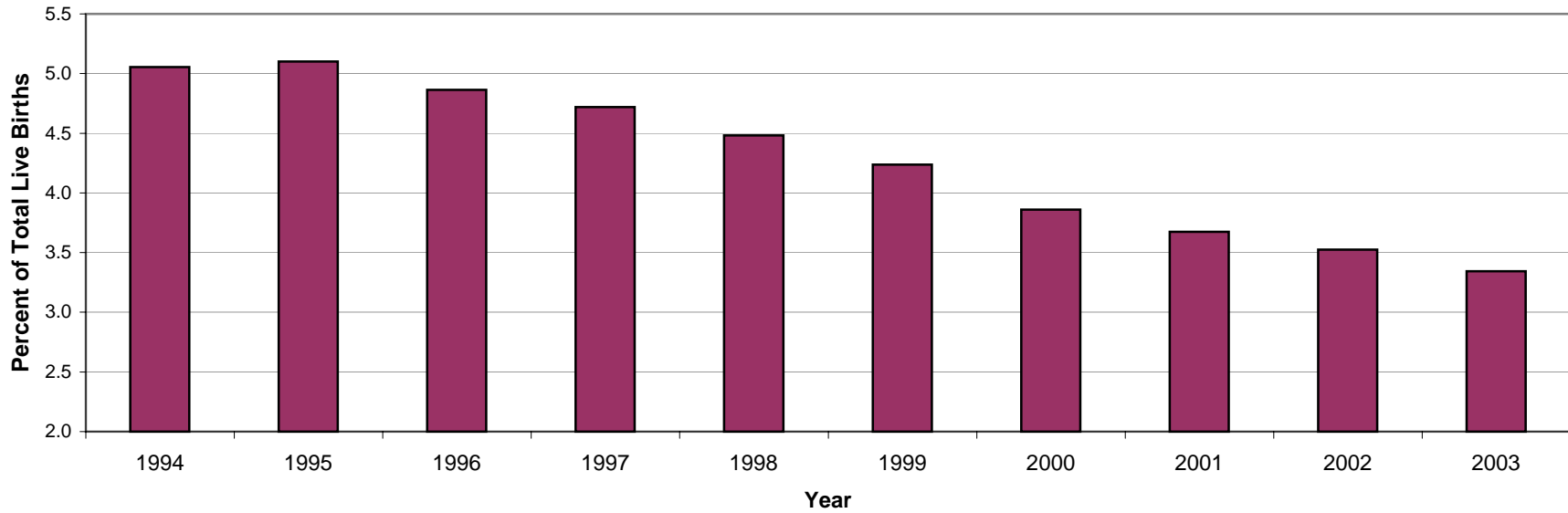


Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

**Live Births to Mothers Less than 18 Years of Age, as Percent of Total Live Births
Los Angeles County, 1994-2003**

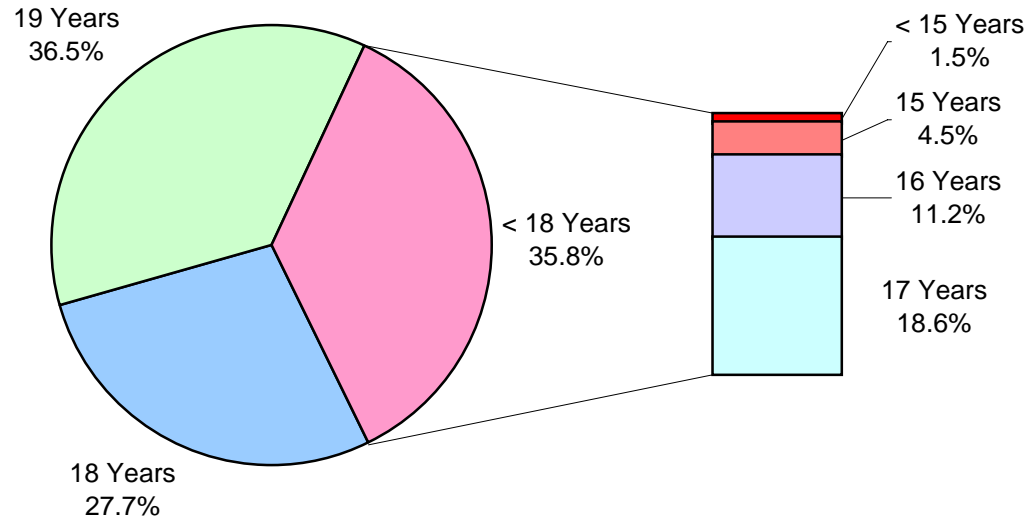


Los Angeles County, 1994-2003		
Year	Live Births to Mothers Less than 18 Years of Age	
	Number	Percent
1994	9,120	5.1
1995	8,919	5.1
1996	8,218	4.9
1997	7,645	4.7
1998	7,107	4.5
1999	6,616	4.2
2000	6,075	3.9
2001	5,642	3.7
2002	5,329	3.5
2003	5,087	3.3

Denominator: Total Live Births
180,394
174,862
168,973
162,036
158,604
156,153
157,391
153,523
151,167
152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

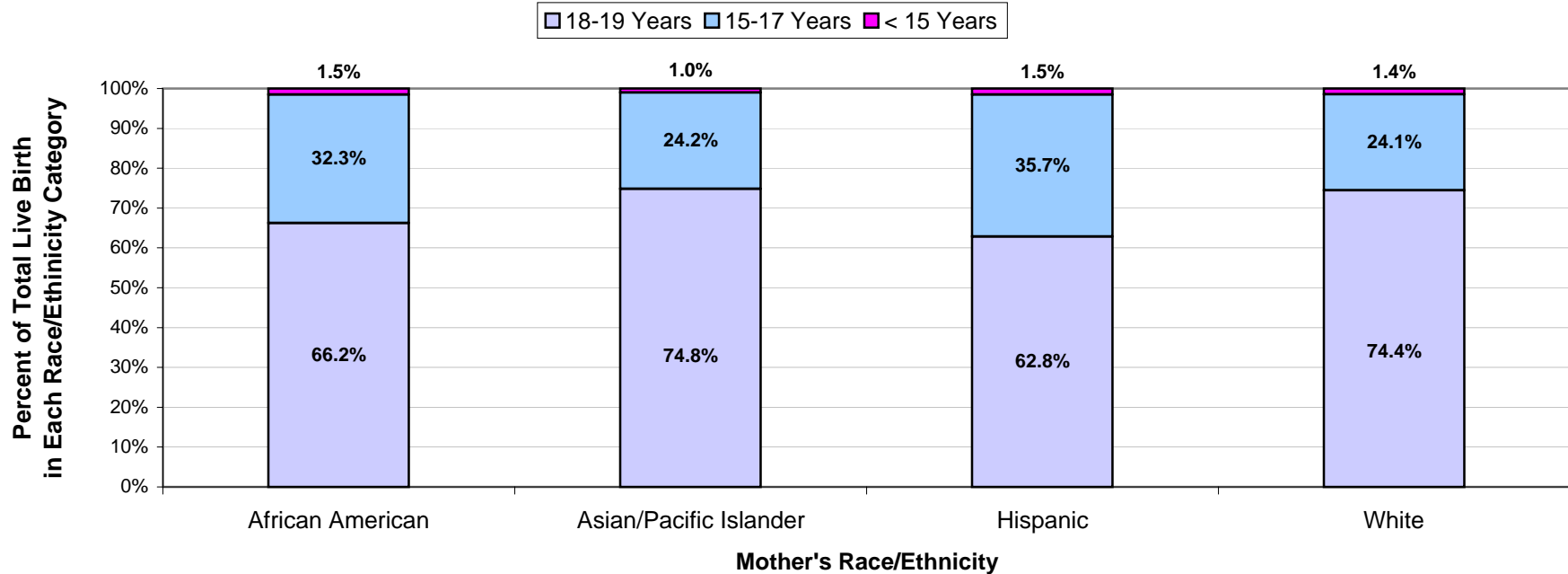
**Percent of Live Births to Mothers Less than 20 Years of Age by Mother's Age
Los Angeles County, 2003**



Los Angeles County, 2003				
Mother's Age (years)	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
< 15	209	1.5	1.3	1.7
15	640	4.5	4.2	4.8
16	1,592	11.2	10.7	11.7
17	2,646	18.6	18.0	19.3
18	3,928	27.7	26.9	28.4
19	5,191	36.5	35.7	37.3
Total	14,206	100.0	100.0	100.0

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Live Births to Mothers Less than 20 Years of Age by Mother's Age Group
and by Mother's Race/Ethnicity
Los Angeles County, 2003**

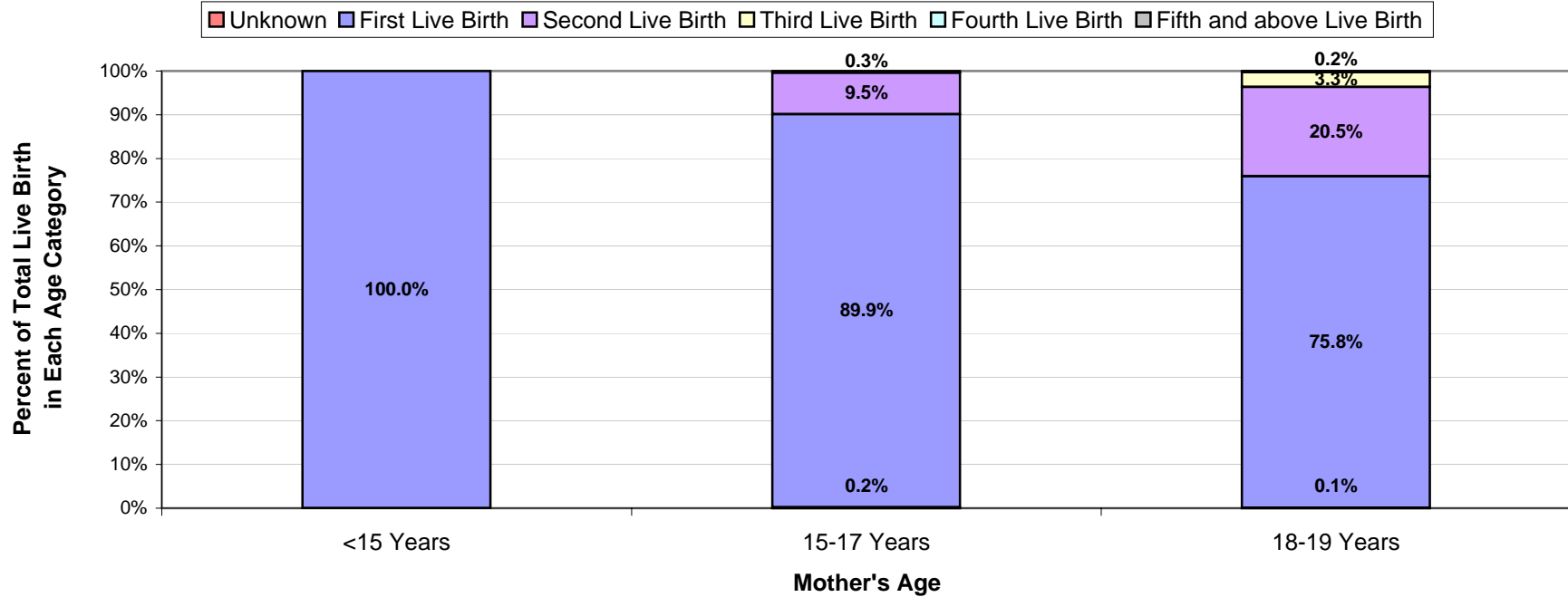


Los Angeles County, 2003						
Mother's Race/Ethnicity	Mother's Age (years)					
	< 15		15-17		18-19	
	Number	Percent	Number	Percent	Number	Percent
African American	23	1.5	493	32.3	1,011	66.2
Asian/Pacific Islander	3	1.0	72	24.2	223	74.8
Hispanic	171	1.5	4,100	35.7	7,222	62.8
Native American	0	0.0	4	23.5	13	76.5
White	12	1.4	204	24.1	629	74.4
Other/Unknown	0	0.0	5	19.2	21	80.8
Total	209	1.5	4,878	34.3	9,119	64.2

Total Live Births
1,527
298
11,493
17
845
26
14,206

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Live Births to Mothers Less than 20 Years of Age by Mother's Parity
and by Mother's Age Group
Los Angeles County, 2003**

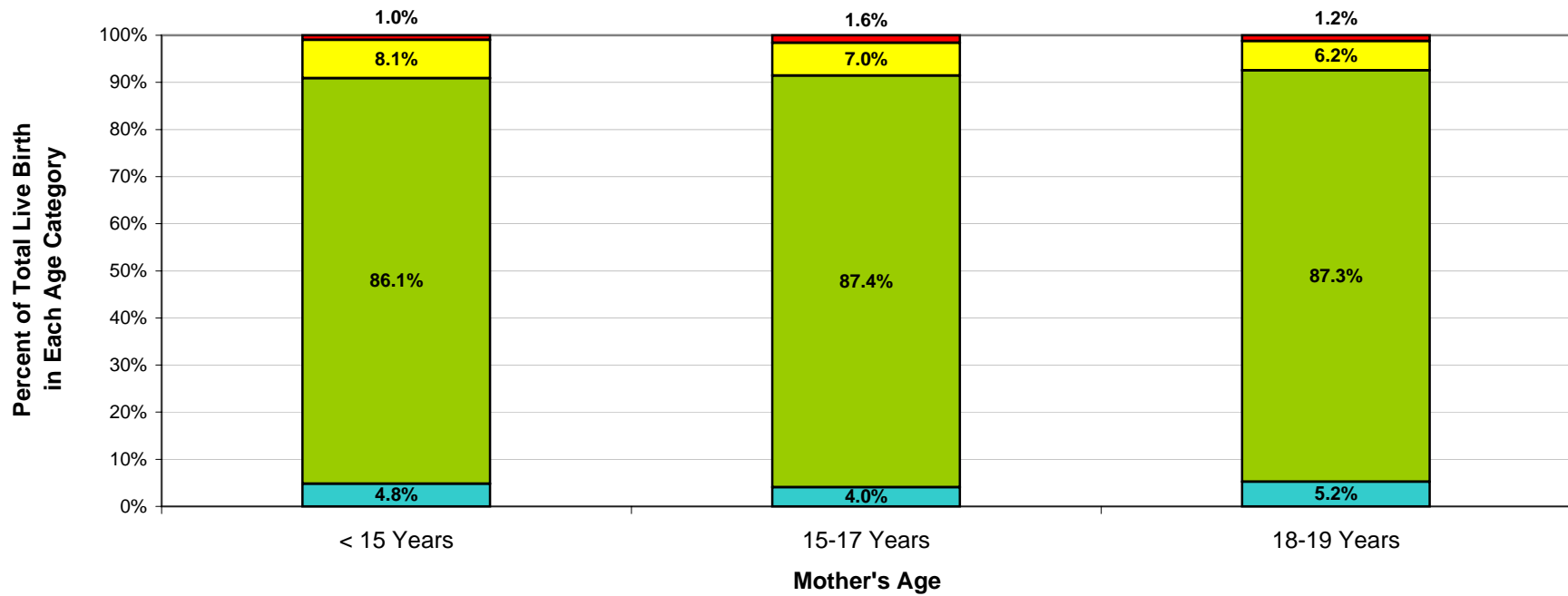


Los Angeles County, 2003													
Mother's Age (years)	Mother's Parity												Total Live Births
	First Live Birth		Second Live Birth		Third Live Birth		Fourth Live Birth		Fifth or above Live Birth		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	209	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	209
15 to 17	4,386	89.9	465	9.5	17	0.3	0	0.0	1	0.0	9	0.2	4,878
18 to 19	6,914	75.8	1,865	20.5	305	3.3	22	0.2	4	0.0	9	0.1	9,119
Total	11,509	81.0	2,330	16.4	322	2.3	22	0.2	5	0.0	18	0.1	14,206

Note: Parity = number of pregnancies resulting in live births to a woman. Number of total live births is used as a proxy for parity.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Live Births to Mothers Less than 20 Years of Age by Birthweight and by Mother's Age Group
Los Angeles County, 2003**

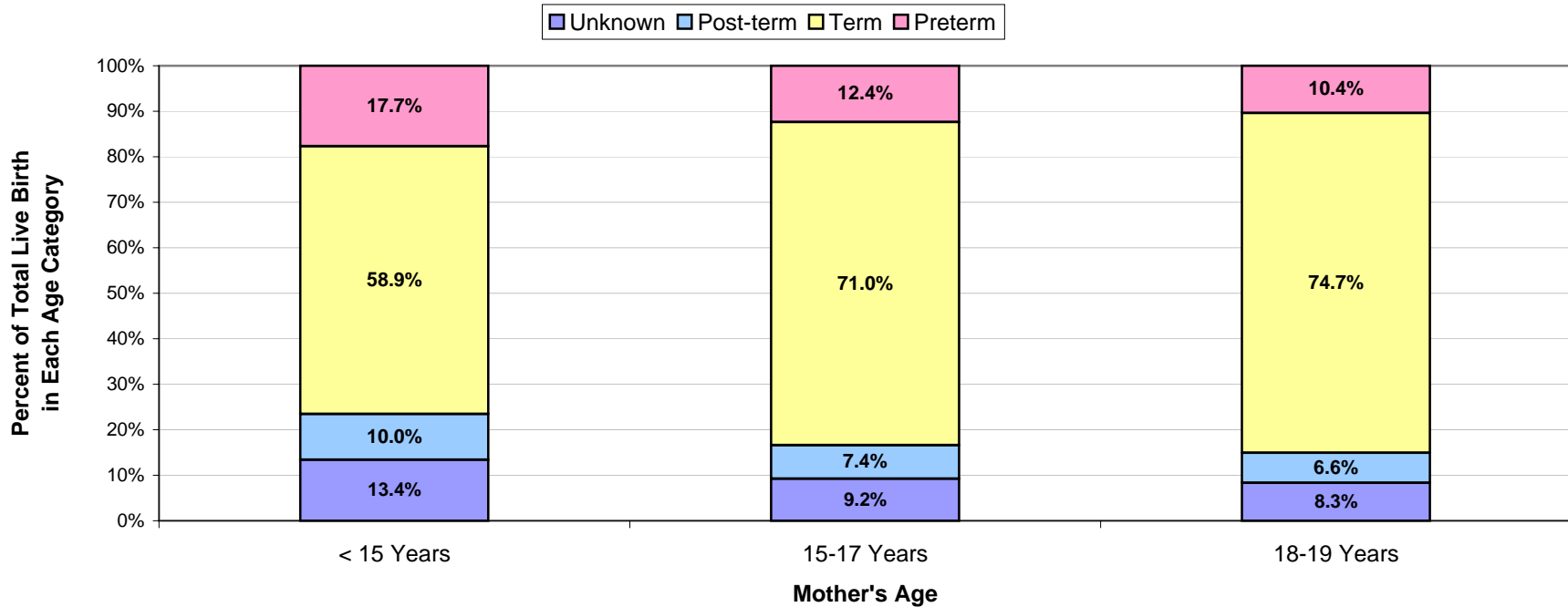
■ Macrosomia
 ■ Normal Birthweight
 ■ Moderately Low Birthweight
 ■ Very Low Birthweight



Los Angeles County, 2003											
Mother's Age (years)	Very Low Birthweight		Moderately Low Birthweight		Normal Birthweight		Macrosomia		Birthweight Unknown		Total Live Births
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	2	1.0	17	8.1	180	86.1	10	4.8	0	0.0	209
15 to 17	77	1.6	341	7.0	4,263	87.4	197	4.0	0	0.0	4,878
18 to 19	111	1.2	568	6.2	7,964	87.3	476	5.2	0	0.0	9,119
Total	190	1.3	926	6.5	12,407	87.3	683	4.8	0	0.0	14,206

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

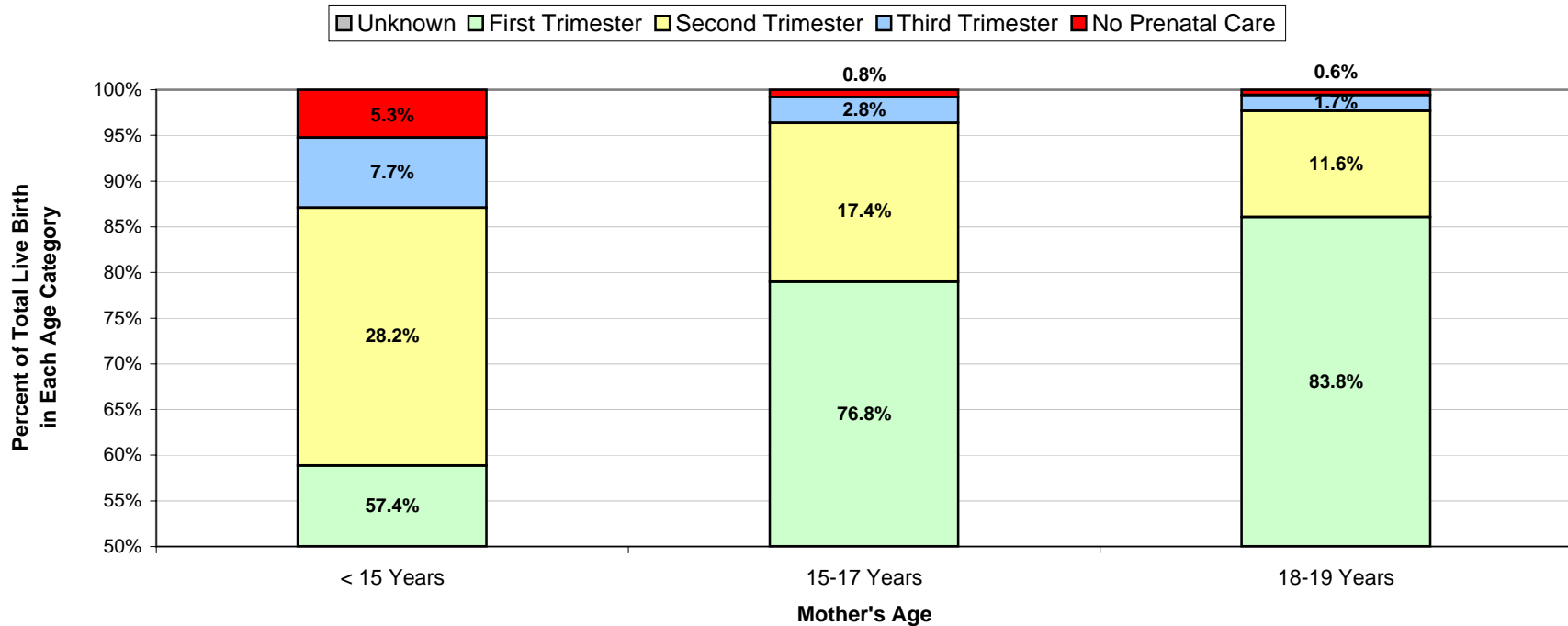
**Percent of Live Births to Mothers Less than 20 Years of Age by Gestational Age
and by Mother's Age Group
Los Angeles County, 2003**



Los Angeles County, 2003											
Mother's Age (years)	Very Preterm		Moderate Preterm		Term		Post-term		Gestational Age Unknown		Total Live Births
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	6	2.9	31	14.8	123	58.9	21	10.0	28	13.4	209
15 to 17	106	2.2	497	10.2	3,465	71.0	360	7.4	450	9.2	4,878
18 to 19	155	1.7	790	8.7	6,812	74.7	604	6.6	758	8.3	9,119
Total	267	1.9	1,318	9.3	10,400	73.2	985	6.9	1,236	8.7	14,206

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Live Births to Mothers Less than 20 Years of Age by Trimester Prenatal Care Began
and by Mother's Age Group
Los Angeles County, 2003**

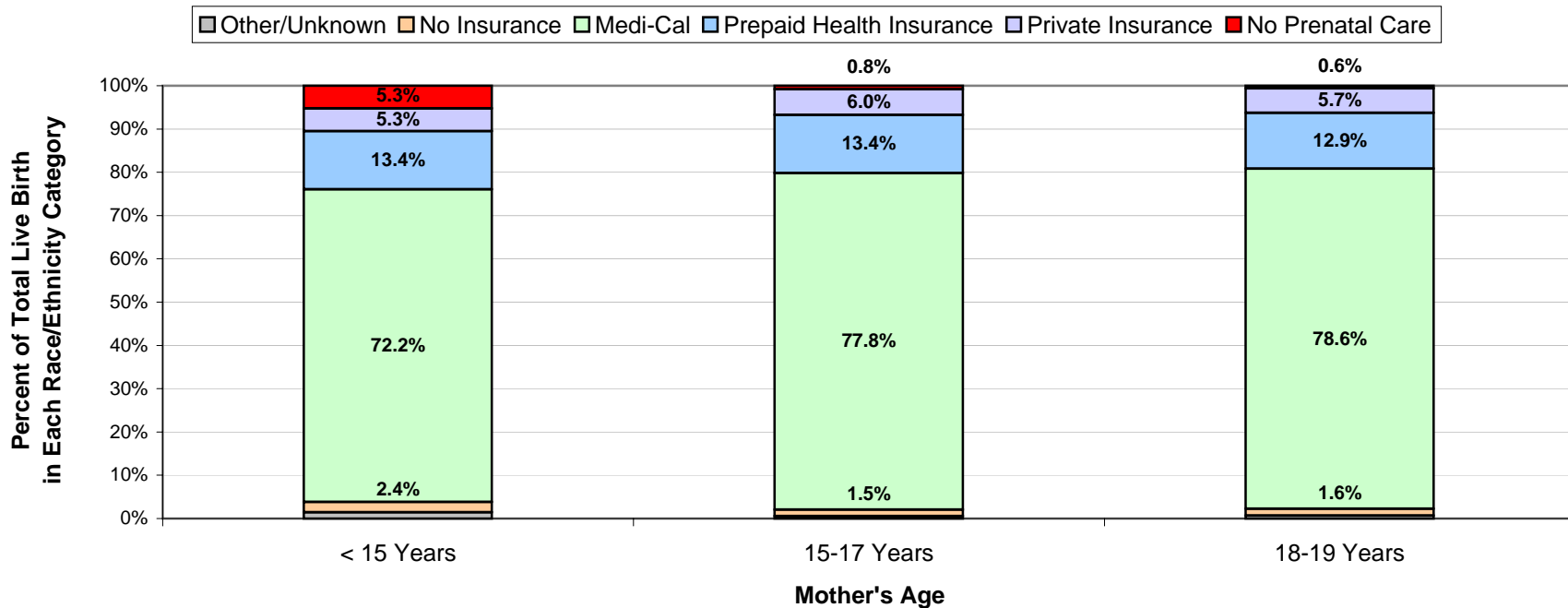


Los Angeles County, 2003										
Mother's Age (years)	No Prenatal Care		Trimester Prenatal Care (PNC) Began						Unknown	
			First		Second		Third			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 15	11	5.3	120	57.4	59	28.2	16	7.7	3	1.4
15 to 17	39	0.8	3,744	76.8	849	17.4	138	2.8	108	2.2
18 to 19	54	0.6	7,638	83.8	1,061	11.6	157	1.7	209	2.3
Total	104	0.7	11,502	81.0	1,969	13.9	311	2.2	320	2.3

Total Live Births
209
4,878
9,119
14,206

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

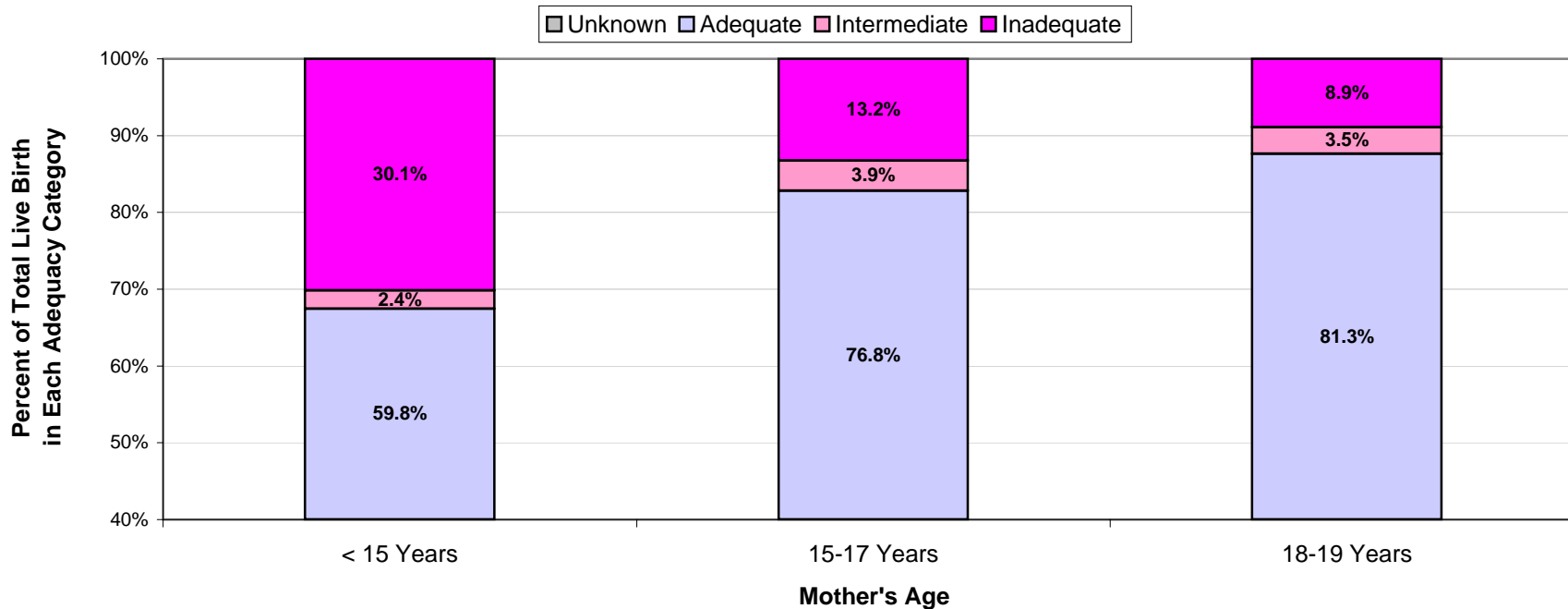
**Percent of Live Births to Mothers Less than 20 Years of Age by Source of Payment for Prenatal Care and by Mother's Age
Los Angeles County, 2003**



Los Angeles County, 2003													
Mother's Age (years)	Source of Payment for Prenatal Care (PNC)												Total Live Births
	No Prenatal Care		Private Insurance		Prepaid Health Insurance		Medi-Cal		No Insurance		Other/Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	11	5.3	11	5.3	28	13.4	151	72.2	5	2.4	3	1.4	209
15 to 17	39	0.8	292	6.0	653	13.4	3,795	77.8	73	1.5	26	0.5	4,878
18 to 19	54	0.6	517	5.7	1,178	12.9	7,165	78.6	142	1.6	63	0.7	9,119
Total	104	0.7	820	5.8	1,859	13.1	11,111	78.2	220	1.5	92	0.6	14,206

Note: "Prepaid Health Insurance" includes health maintenance organization and prepaid health program.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

**Percent of Live Births to Mothers Less than 20 Years of Age by Adequacy of Prenatal Care Utilization Index and by Mother's Age Group
Los Angeles County, 2003**



Los Angeles County, 2003								
Mother's Age (years)	Adequacy of Prenatal Care (PNC) Utilization Index							
	Adequate		Intermediate		Inadequate		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 15	125	59.8	5	2.4	63	30.1	16	7.7
15 to 17	3,747	76.8	192	3.9	646	13.2	293	6.0
18 to 19	7,411	81.3	318	3.5	811	8.9	579	6.3
Total	11,283	79.4	515	3.6	1,520	10.7	888	6.3

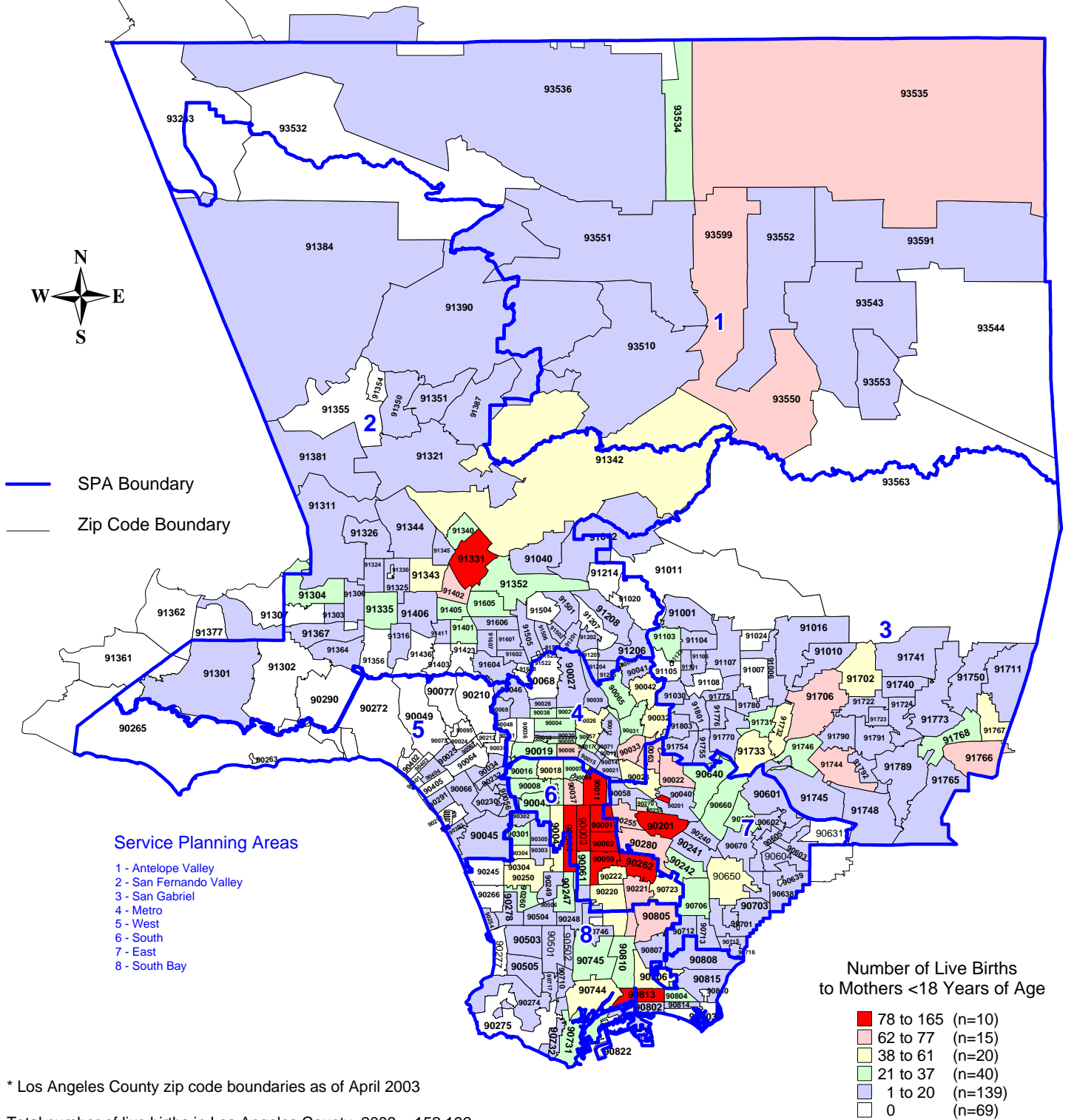
Total Live Births
209
4,878
9,119
14,206

Note: The APNCU Index measures prenatal care utilization, which includes consideration of the month prenatal care began and the number of prenatal care visits during the time mothers actually received prenatal care. This utilization index is based on the recom

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

Number of Live Births to Mothers Less Than 18 Years of Age by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

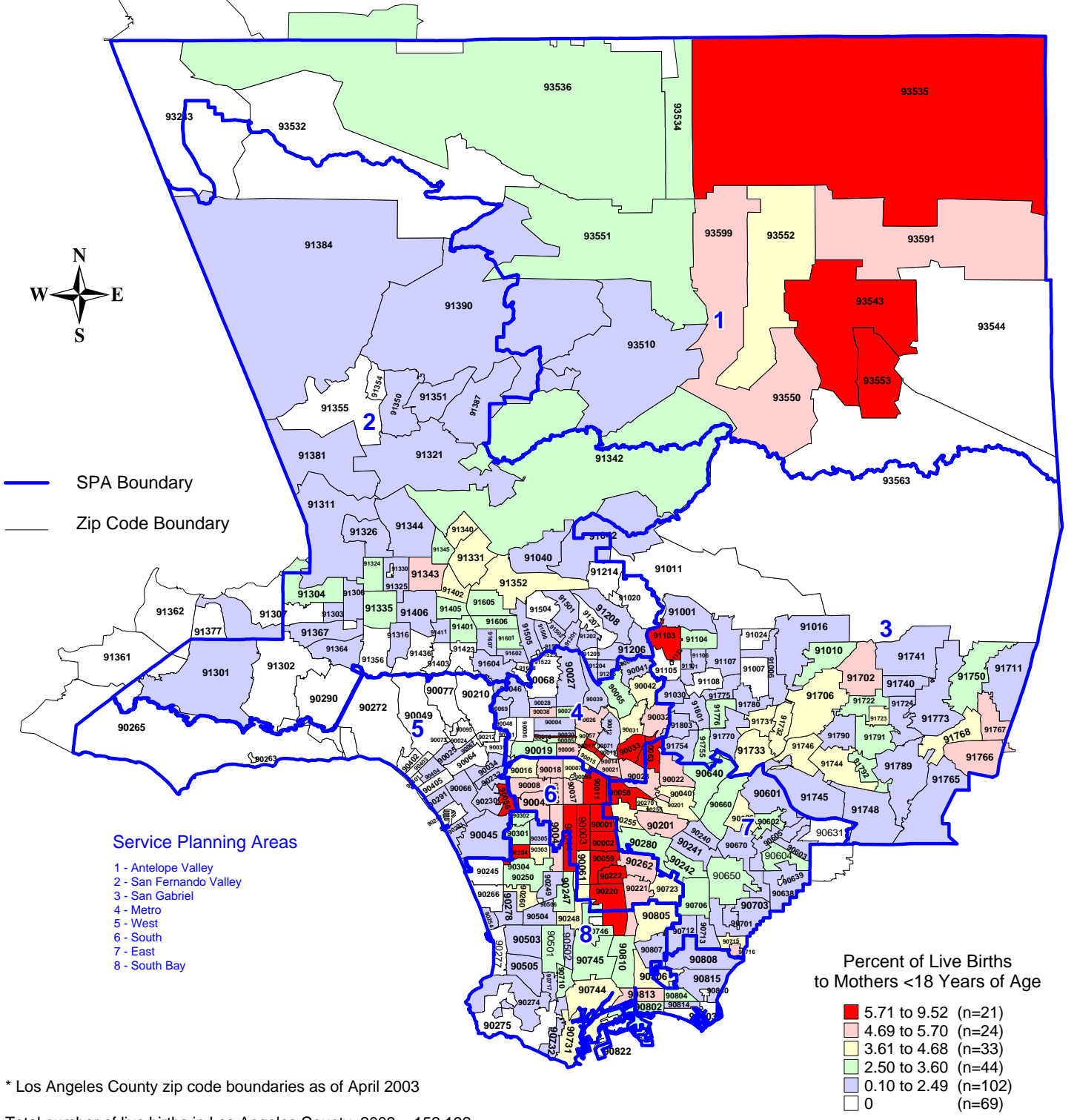
Total number of live births in Los Angeles County, 2003 = 152,192
 Total number of live births by mothers less than 18 years of age in Los Angeles County, 2003 = 5,087

n = total number of zip codes in range

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

Percent of Live Births to Mothers Less Than 18 Years of Age by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192
 Total number of live births by mothers less than 18 years of age in Los Angeles County, 2003 = 5,087

n = total number of zip codes in range

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

Low Birth Weight

TITLE V PERINATAL INDICATORS 2003

INDICATOR: Percent of Low Birthweight

DEFINITION: The percent of live births weighing less than 2,500 grams (5 pounds, 8 ounces)

NUMERATOR: The number of live births weighing less than 2,500 grams, 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:

Reduce low birthweight births to an incidence of no more than 5 percent of live births.
(Baseline: 7.6 percent in 1998) (Objective 16-10a)

RISK FACTORS:

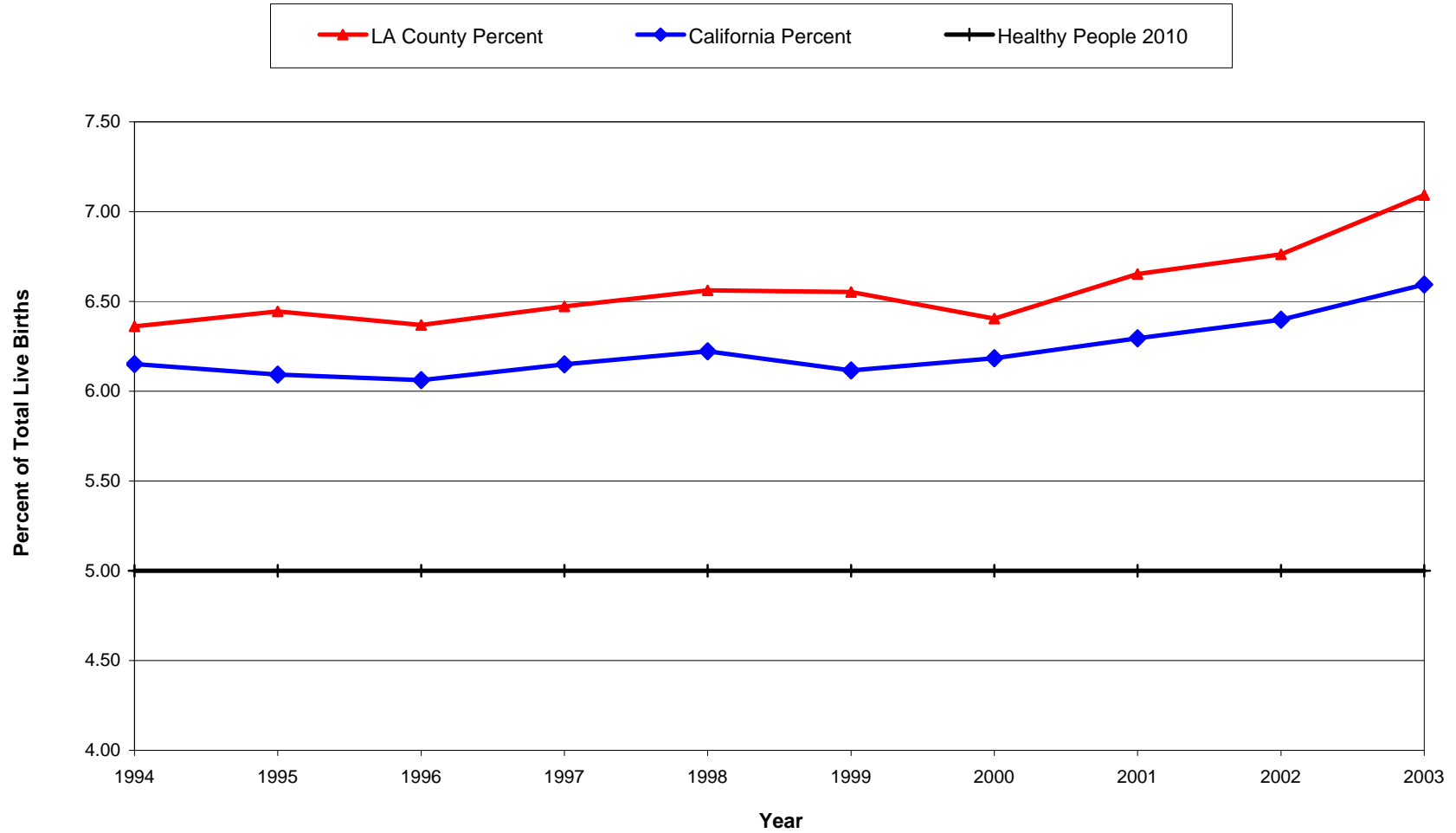
Young or old maternal age; low income; low maternal education level; race/ethnicity (African American, Puerto Rican, Southeast Asian); high parity; short interpregnancy level; multiple gestation; unintended pregnancy; history of low birthweight; poor repr

Year	California				Los Angeles County			
	Low Birthweight		95 % Confidence Interval		Low Birthweight		95 % Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
1994	34,876	6.2	6.1	6.2	11,474	6.4	6.2	6.5
1995	33,588	6.1	6.0	6.2	11,270	6.4	6.3	6.6
1996	32,649	6.1	6.0	6.1	10,761	6.4	6.2	6.5
1997	32,232	6.1	6.1	6.2	10,487	6.5	6.3	6.6
1998	32,438	6.2	6.2	6.3	10,408	6.6	6.4	6.7
1999	31,686	6.1	6.0	6.2	10,232	6.6	6.4	6.7
2000	32,853	6.2	6.1	6.3	10,080	6.4	6.3	6.5
2001	33,196	6.3	6.2	6.4	10,213	6.7	6.5	6.8
2002	33,859	6.4	6.3	6.5	10,222	6.8	6.6	6.9
2003	35,659	6.6	6.5	6.7	10,794	7.1	7.0	7.2

Year	Denominator: Live Births	
	California	LA County
1994	567,034	180,394
1995	551,226	174,862
1996	538,628	168,973
1997	524,174	162,036
1998	521,265	158,604
1999	518,073	156,153
2000	531,285	157,391
2001	527,371	153,523
2002	529,245	151,167
2003	540,827	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

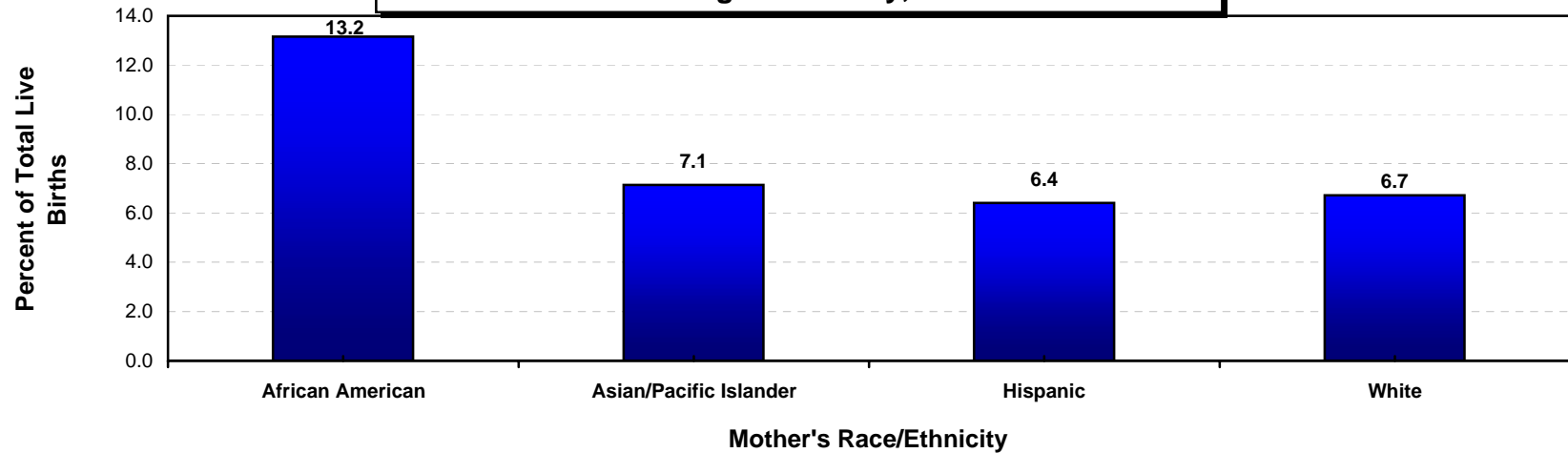
Percent of Low Birthweight California vs. Los Angeles County, 1994 - 2003



Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

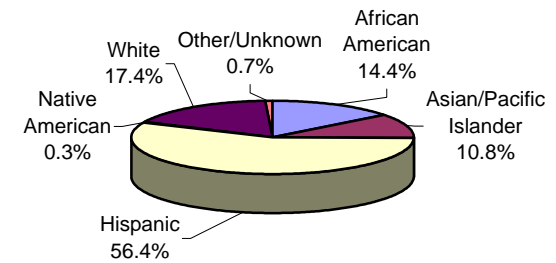
**Low Birthweight Live Births, as Percent of Total Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2003**



Los Angeles County, 2003				
Mother's Race/Ethnicity	Low Birthweight		95% Confidence Interval	
	Births	Percent	Lower	Upper
African American	1,559	13.2	12.5	13.8
Asian/Pacific Islander	1,165	7.1	6.7	7.5
Hispanic	6,084	6.4	6.2	6.6
Native American	27	12.7	8.2	17.2
White	1,883	6.7	6.4	7.0
Other/Unknown	76	11.3	8.9	13.6
Total	10794	7.1	7.0	7.2

Total Live Births
11,849
16,326
95,070
212
28,060
675
152,192

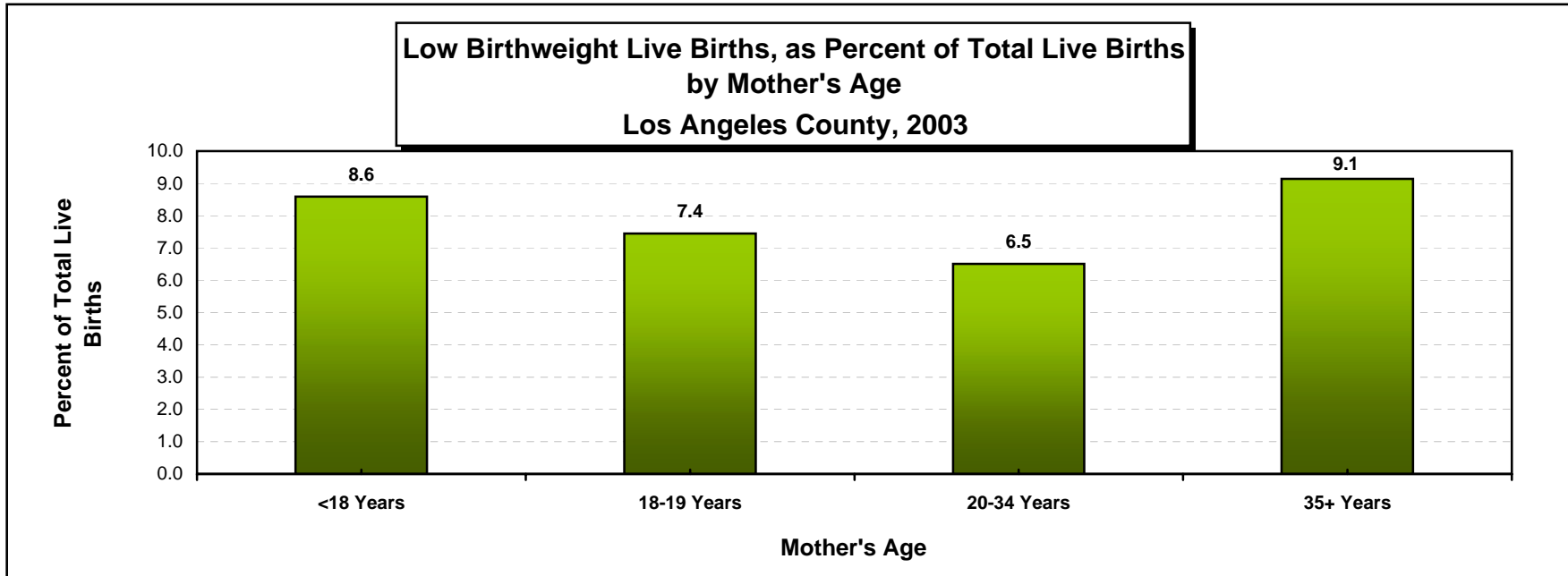
**Percent Distribution of Low Birthweight
by Mother's Race/Ethnicity
Los Angeles County, 2003**



Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

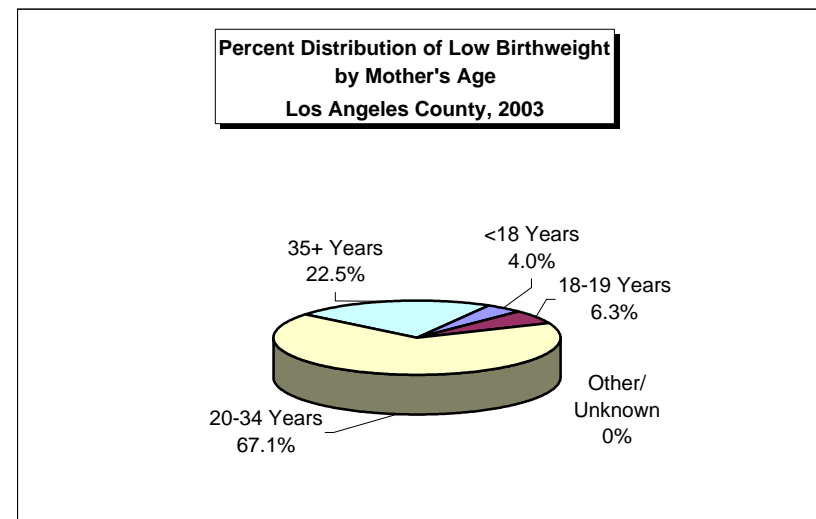
Note: Low birthweight is defined as weight less than 2,500 grams (5 pounds, 8 ounces) at birth.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.



Los Angeles County, 2003				
Mother's Age	Low Birthweight		95% confidence Interval	
	Births	Percent	Lower	Upper
<18	437	8.6	7.8	9.4
18-19	679	7.4	6.9	8.0
20-34	7,246	6.5	6.4	6.7
35+	2,432	9.1	8.8	9.5
Other/Unknown	0	0.0	0.0	0.0
Total	10,794	7.1	7.0	7.2

Total Live Births
5,087
9,119
111,359
26,610
17
152,192

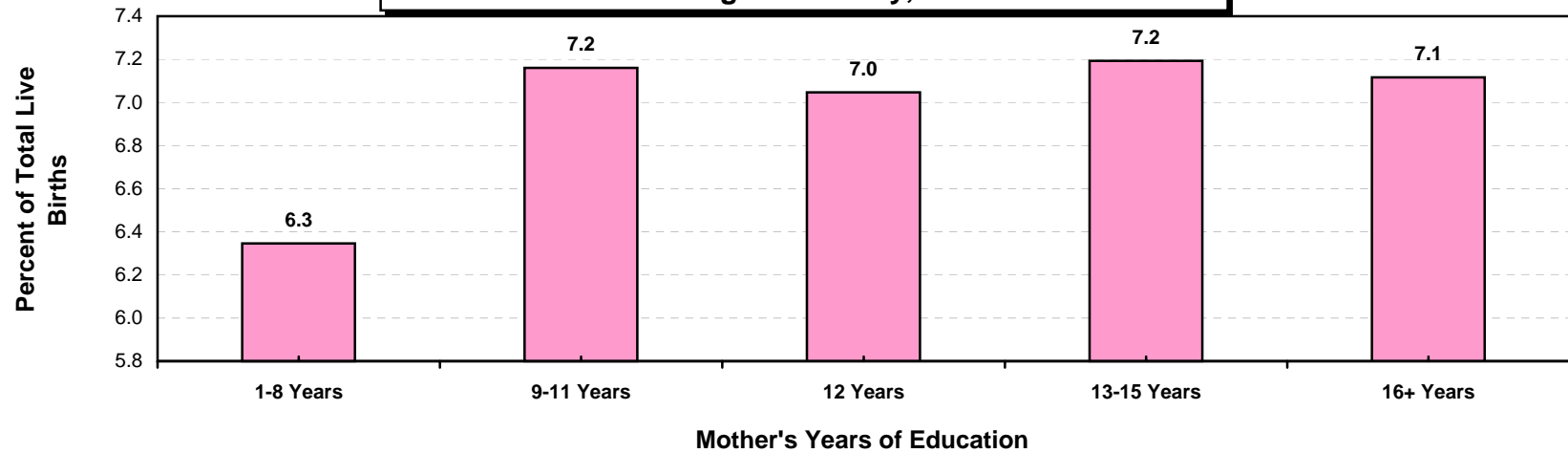


Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Note: Low birthweight is defined as weight less than 2,500 grams (5 pounds, 8 ounces) at birth.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

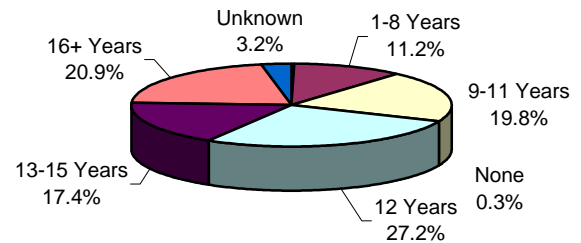
**Low Birthweight Live Births, as Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2003**



Los Angeles County, 2003				
Mother's Years of Education	Low Birthweight		95% confidence Interval	
	Births	Percent	Lower	Upper
None	28	6.8	4.4	9.2
1-8	1,211	6.3	6.0	6.7
9-11	2,141	7.2	6.9	7.5
12	2,937	7.0	6.8	7.3
13-15	1,879	7.2	6.9	7.5
16 and over	2,255	7.1	6.8	7.4
Unknown	343	10.4	9.3	11.4
Total	10,794	7.1	7.0	7.2

Total Live Births
412
19,083
29,901
41,679
26,122
31,685
3,310
152,192

**Percent Distribution of Low Birthweight
by Mother's Race/Ethnicity
Los Angeles County, 2003**



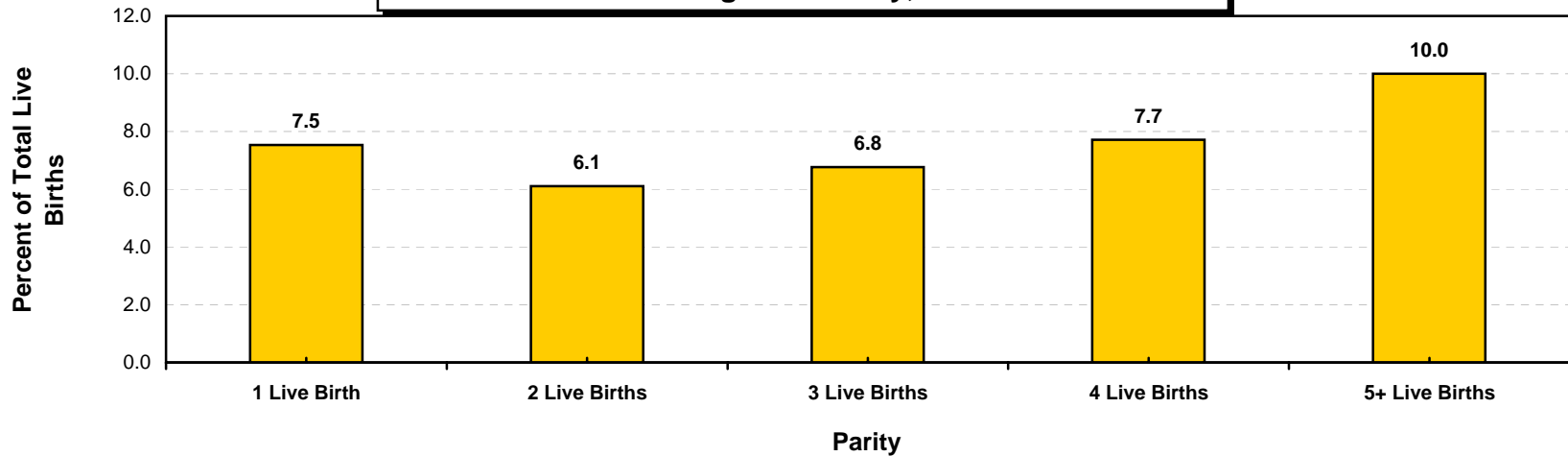
Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Note: Low birthweight is defined as weight less than 2,500 grams (5 pounds, 8 ounces) at birth.

This analysis did not adjust for teen mothers who may not be old enough to have reached higher categorical educational level.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

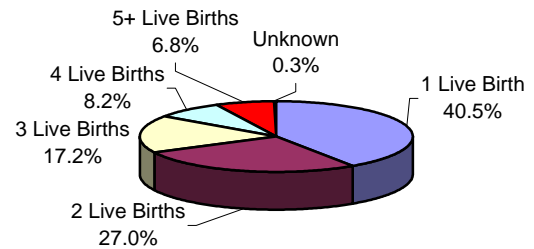
**Low Birthweight Live Births, as Percent of Total Live Births
by Parity
Los Angeles County, 2003**



Los Angeles County, 2003				
Parity	Low Birthweight		95% confidence Interval	
	Births	Percent	Lower	Upper
1	4,373	7.5	7.3	7.7
2	2,910	6.1	5.9	6.3
3	1,857	6.8	6.5	7.1
4	888	7.7	7.2	8.2
5+	729	10.0	9.3	10.7
Unknown	37	18.2	12.9	23.5
Total	10,794	7.1	7.0	7.2

Total Live Births
58,098
47,652
27,431
11,521
7,287
203
152,192

**Percent Distribution of Low Birthweight
by Parity
Los Angeles County, 2003**

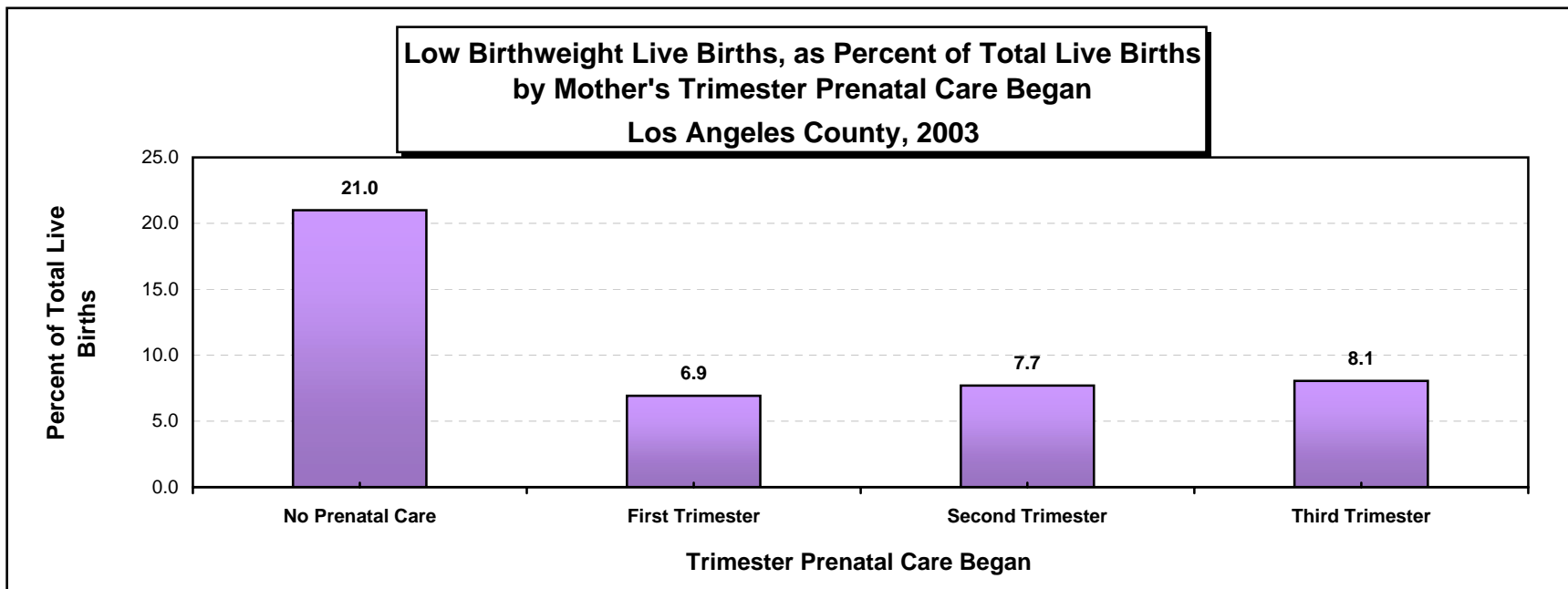


Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Note: Low birthweight is defined as weight less than 2,500 grams (5 pounds, 8 ounces) at birth.

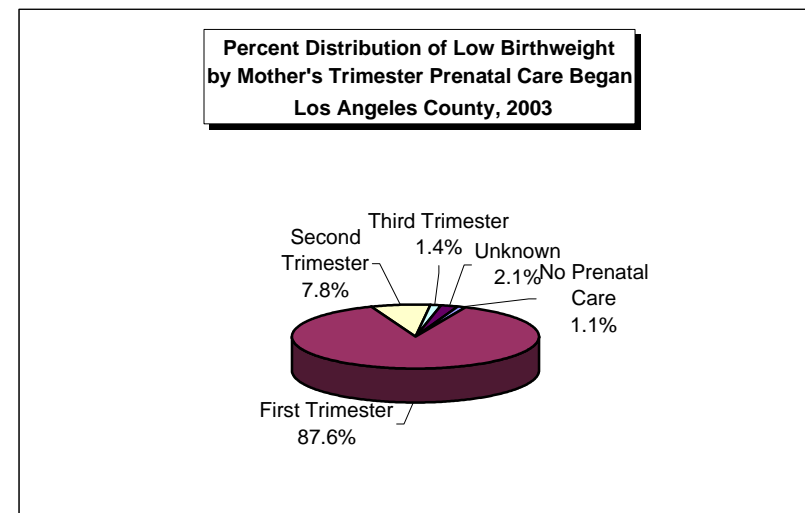
Parity = number of pregnancies resulting in live births to a woman. Number of total live births is used as a proxy for parity.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.



Los Angeles County, 2003				
Trimester Prenatal Care Began	Low Birthweight		95% confidence Interval	
	Births	Percent	Lower	Upper
No Prenatal Care	123	21.0	17.7	24.3
First	9,452	6.9	6.8	7.1
Second	844	7.7	7.2	8.2
Third	147	8.1	6.8	9.3
Unknown	228	10.3	9.0	11.5
Total	10,794	7.1	7.0	7.2

Total Live Births
586
136,610
10,950
1,825
2,221
152,192



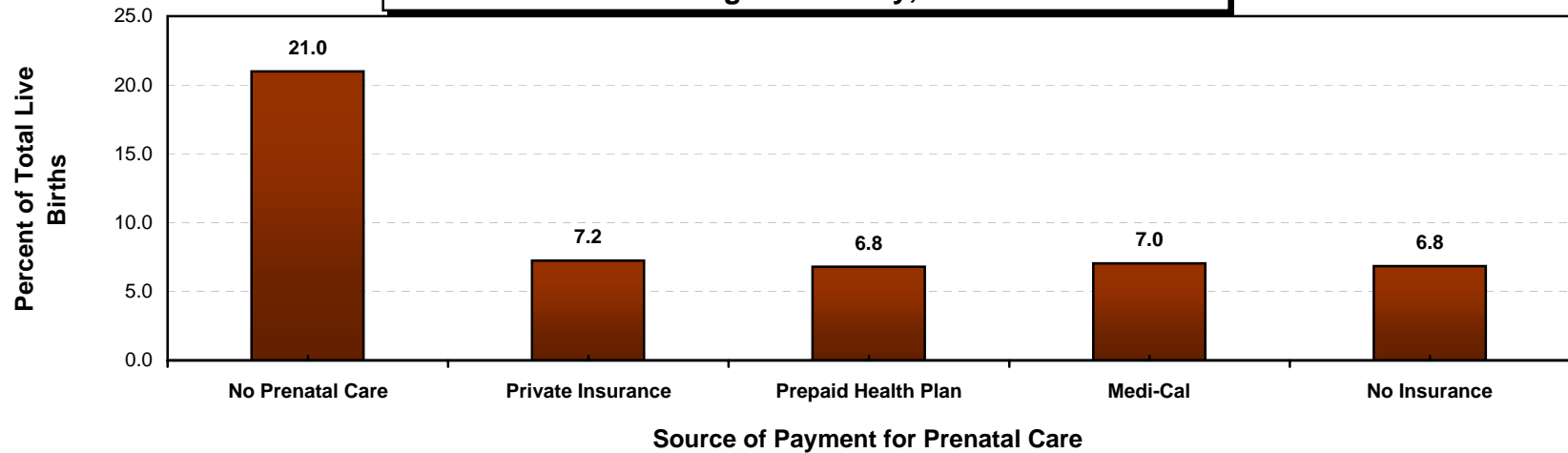
Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Note: Low birthweight is defined as weight less than 2,500 grams (5 pounds, 8 ounces) at birth.

Trimester Prenatal Care Began excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

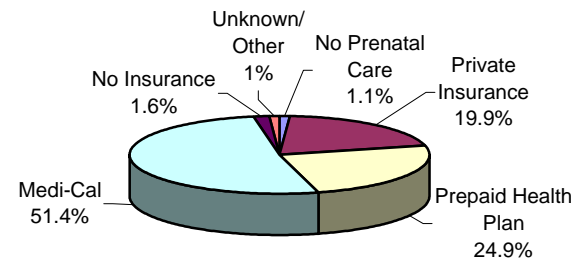
**Low Birthweight Live Births, as Percent of Total Live Births
by Source of Payment for Prenatal Care
Los Angeles County, 2003**



Los Angeles County, 2003				
Source of Payment for Prenatal Care	Low Birthweight		95% confidence Interval	
	Births	Percent	Lower	Upper
No Prenatal Care	123	21.0	17.7	24.3
Private Insurance	2,147	7.2	6.9	7.5
Prepaid Health Plan	2,690	6.8	6.5	7.0
Medi-Cal	5,546	7.0	6.9	7.2
No Insurance	170	6.8	5.9	7.8
Unknown/Other	118	10.4	8.6	12.2
Total	10,794	7.1	7.0	7.2

Total Live Births
586
78,731
29,660
39,599
2,483
1,133
152,192

**Percent Distribution of Low Birthweight
by Source of Payment for Prenatal Care
Los Angeles County, 2003**



Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

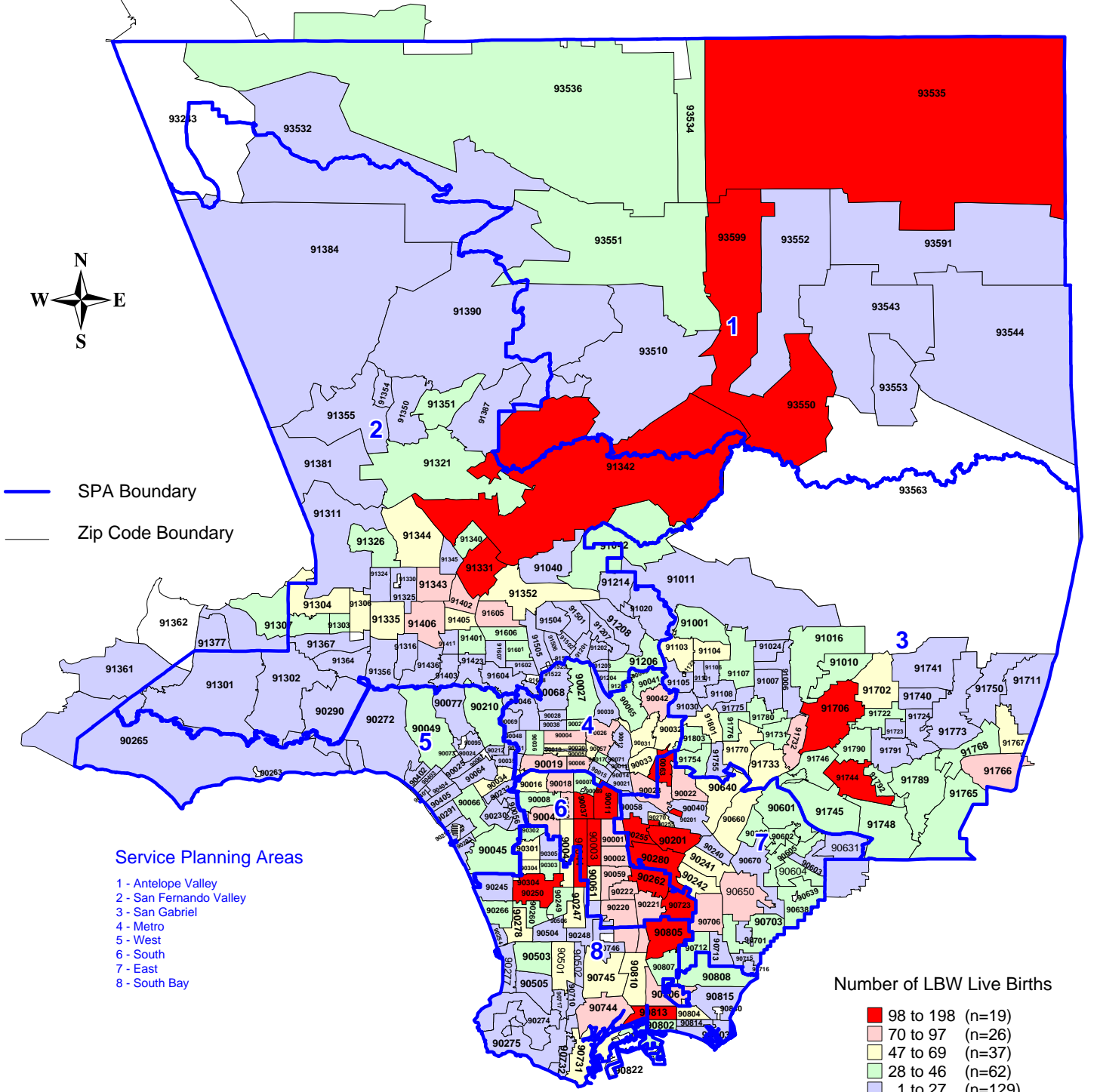
Note: Low birthweight is defined as weight less than 2,500 grams (5 pounds, 8 ounces) at birth.

"Prepaid Health Insurance" includes health maintenance organization and prepaid health program.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

Number of Low Birthweight (LBW) Live Births by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192
 Total number of low birthweight live births in Los Angeles County, 2003 = 10,794

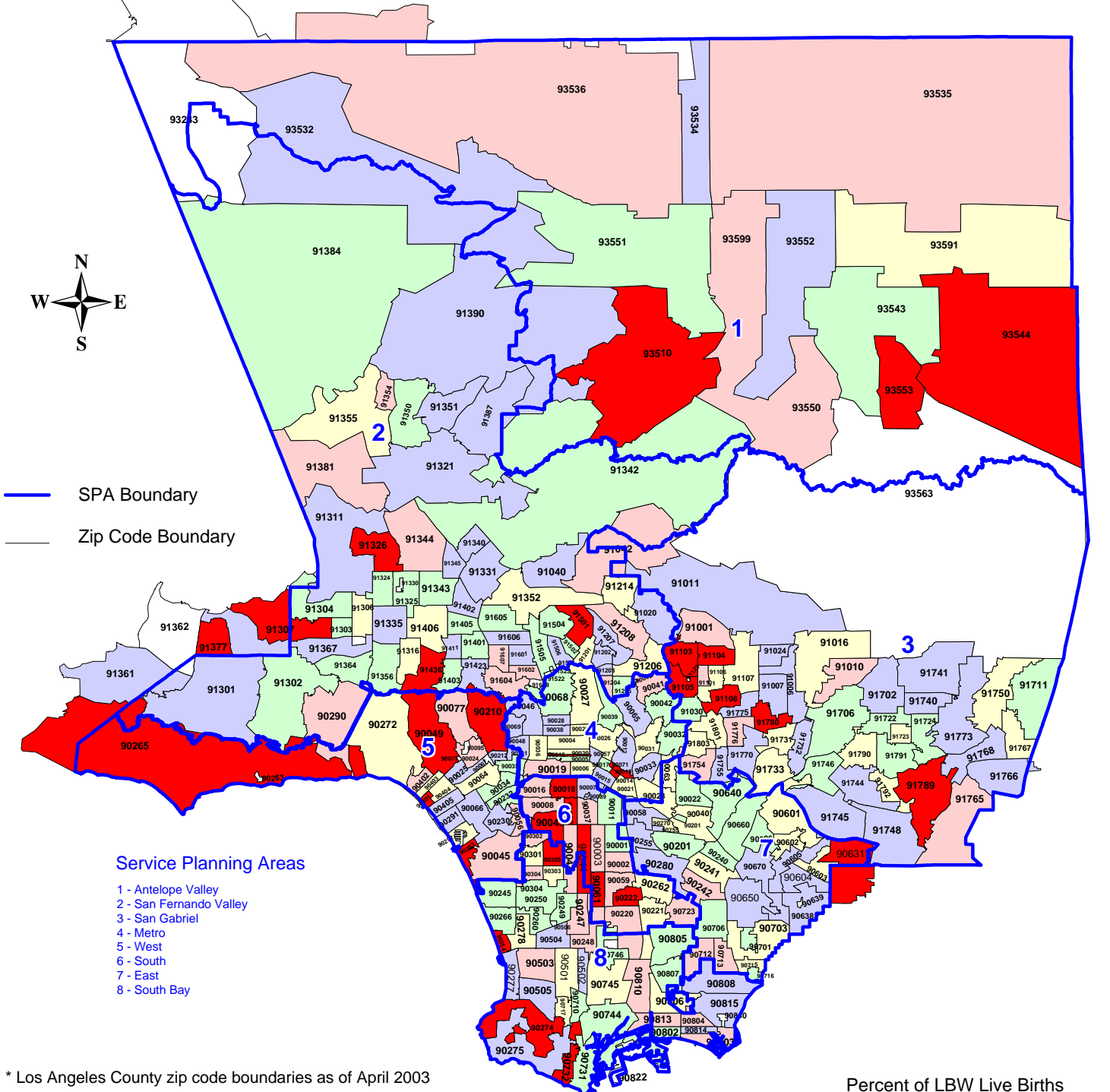
n = total number of zip codes in range

Note: Low birthweight is defined as weight less than 2,500 grams at birth

Source: California Department of Health Services,
 Center for Health Statistics, Vital Statistics, 2003

Percent of Low Birthweight (LBW) Live Births by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192

Percent of low birthweight live births in Los Angeles County, 2003 = 7.1 percent of live births

Note: Percent of low birthweight is defined as weight less than 2,500 grams at birth per 100 live births

HP2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births

Very Low Birth Weight

TITLE V PERINATAL INDICATORS 2003

INDICATOR: Percent of Very Low Birthweight

DEFINITION: The percent of live births weighing less than 1,500 grams (3 pounds, 5 ounces)

NUMERATOR: The number of live births weighing less than 1,500 grams, 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:

Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.
(Baseline: 1.4 percent in 1998) (Objective 16-10b)

RISK FACTORS: Preterm birth, prior preterm birth; race/ethnicity (African American, Puerto Rican); substance use/abuse (e.g. illicit drug use)

See also risk factors for low birthweight

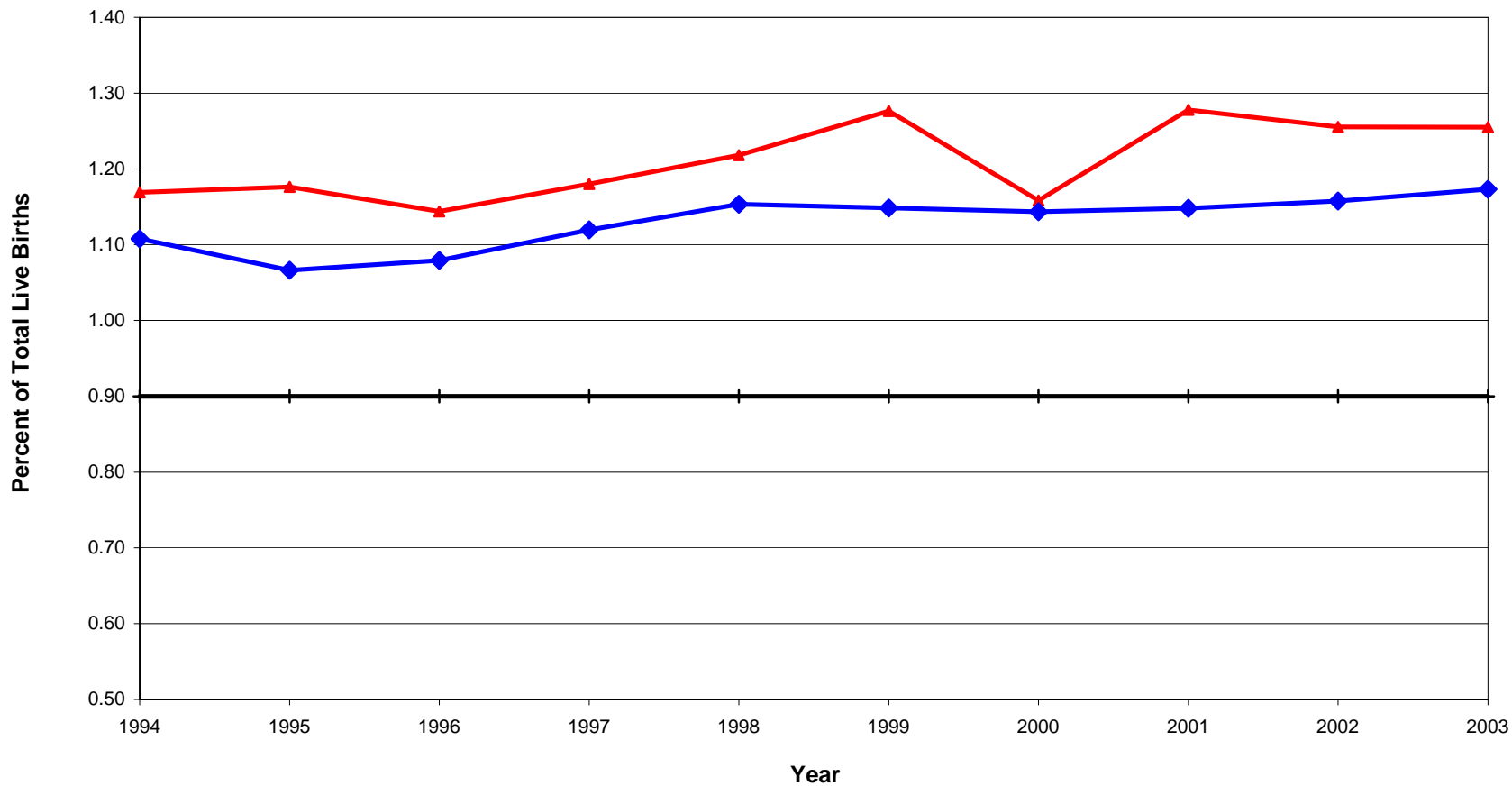
Year	California				Los Angeles County			
	Very Low Birthweight		95 % Confidence Interval		Very Low Birthweight		95 % Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
1994	6,282	1.1	1.1	1.1	2,109	1.2	1.1	1.2
1995	5,877	1.1	1.0	1.1	2,057	1.2	1.1	1.2
1996	5,812	1.1	1.1	1.1	1,933	1.1	1.1	1.2
1997	5,869	1.1	1.1	1.1	1,912	1.2	1.1	1.2
1998	6,013	1.2	1.1	1.2	1,932	1.2	1.2	1.3
1999	5,950	1.1	1.1	1.2	1,993	1.3	1.2	1.3
2000	6,075	1.1	1.1	1.2	1,823	1.2	1.1	1.2
2001	6,054	1.1	1.1	1.2	1,962	1.3	1.2	1.3
2002	6,127	1.2	1.1	1.2	1,898	1.3	1.2	1.3
2003	6,344	1.2	1.1	1.2	1,910	1.3	1.2	1.3

Year	Denominator: Live Births	
	California	LA County
1994	567,034	180,394
1995	551,226	174,862
1996	538,628	168,973
1997	524,174	162,036
1998	521,265	158,604
1999	518,073	156,153
2000	531,285	157,391
2001	527,371	153,523
2002	529,245	151,167
2003	540,827	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

Percent of Very Low Birthweight California vs. Los Angeles County, 1994-2003

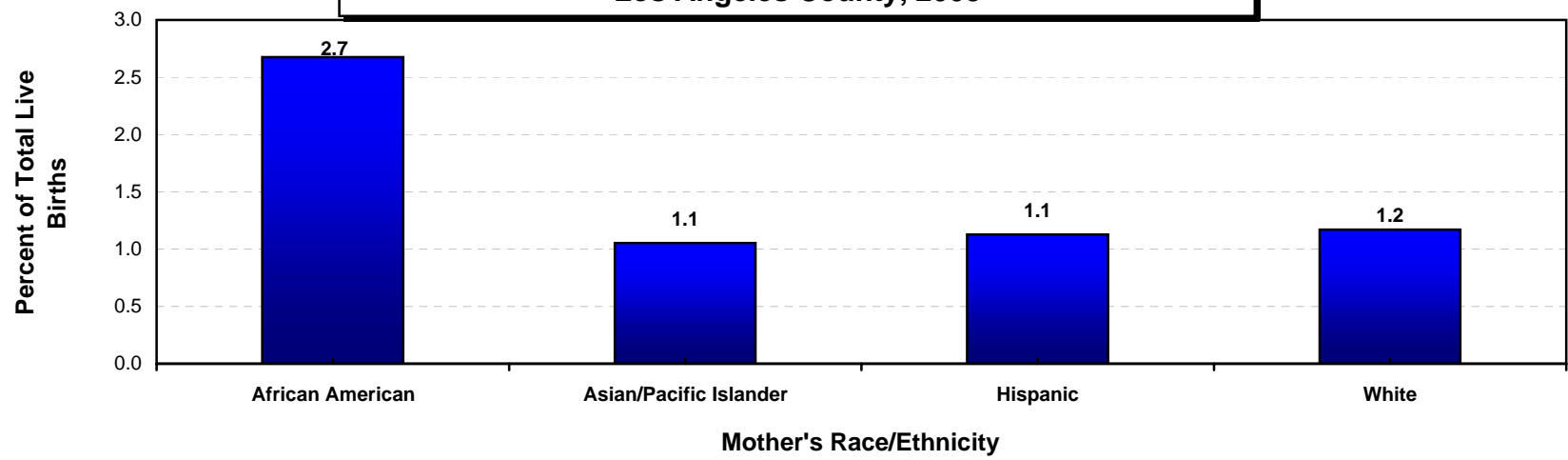
▲ County Percent
 ◆ State Percent
 — Healthy People 2010



Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

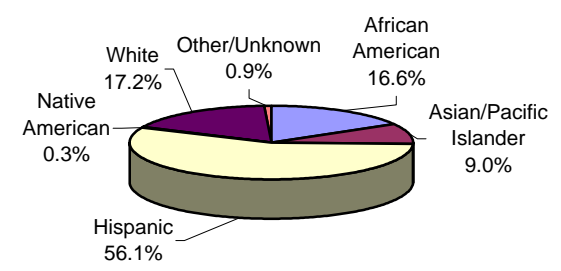
**Very Low Birthweight Live Births, as Percent of Total Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2003**



Los Angeles County, 2003				
Mother's Race/Ethnicity	Very Low Birthweight		95% Confidence Interval	
	Births	Percent	Lower	Upper
African American	317	2.7	2.4	3.0
Asian/Pacific Islander	172	1.1	0.9	1.2
Hispanic	1,071	1.1	1.1	1.2
Native American	5	2.4	0.3	4.4
White	328	1.2	1.0	1.3
Other/Unknown	17	2.5	1.3	3.7
Total	1,910	1.3	1.2	1.3

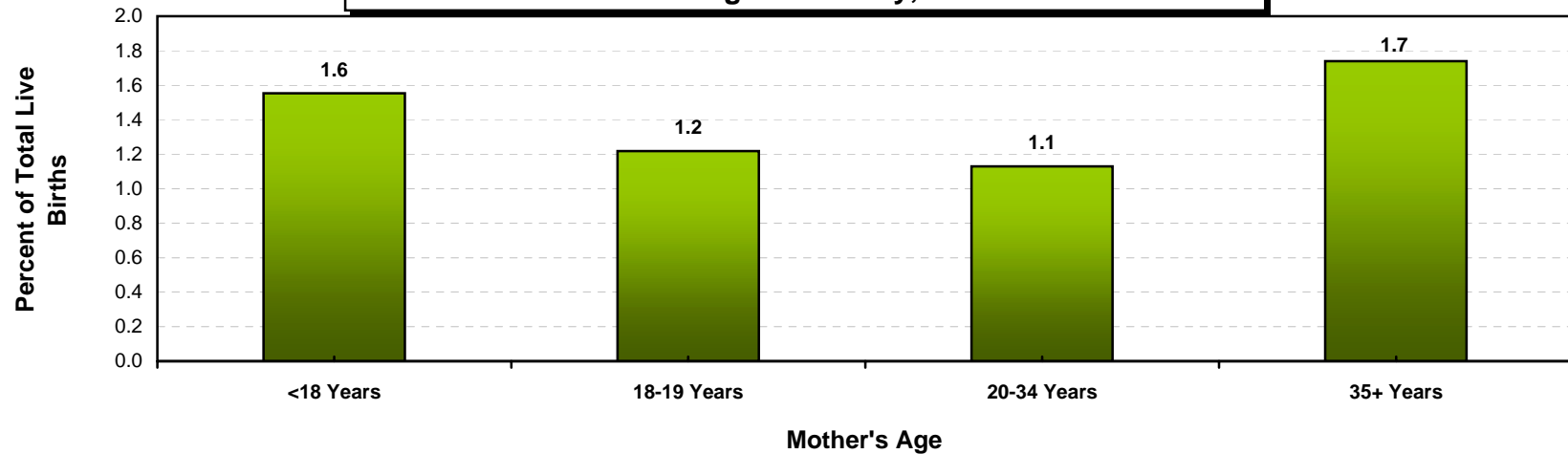
Total Live Births
11,849
16,326
95,070
212
28,060
675
152,192

**Percent Distribution of Very Low Birthweight
by Mother's Race/Ethnicity
Los Angeles County, 2003**



Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.
 Note: Very low birthweight is defined as weight less than 1,500 grams (3 pounds, 5 ounces) at birth.
 Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

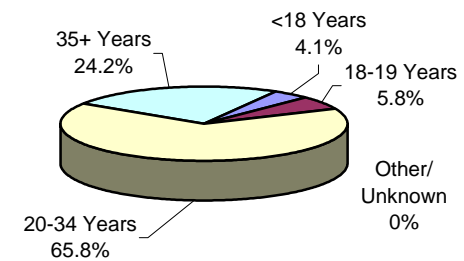
**Very Low Birthweight Live Births, as Percent of Total Live Births
by Mother's Age
Los Angeles County, 2003**



Los Angeles County, 2003				
Mother's Age	Very Low Birthweight		95% confidence Interval	
	Births	Percent	Lower	Upper
<18	79	1.6	1.2	1.9
18-19	111	1.2	1.0	1.4
20-34	1,257	1.1	1.1	1.2
35+	463	1.7	1.6	1.9
Other/Unknown	0	0.0	0.0	0.0
Total	1,910	1.3	1.2	1.3

Total Live Births
5,087
9,119
111,359
26,610
17
152,192

**Percent Distribution of Very Low Birthweight
by Mother's Age
Los Angeles County, 2003**

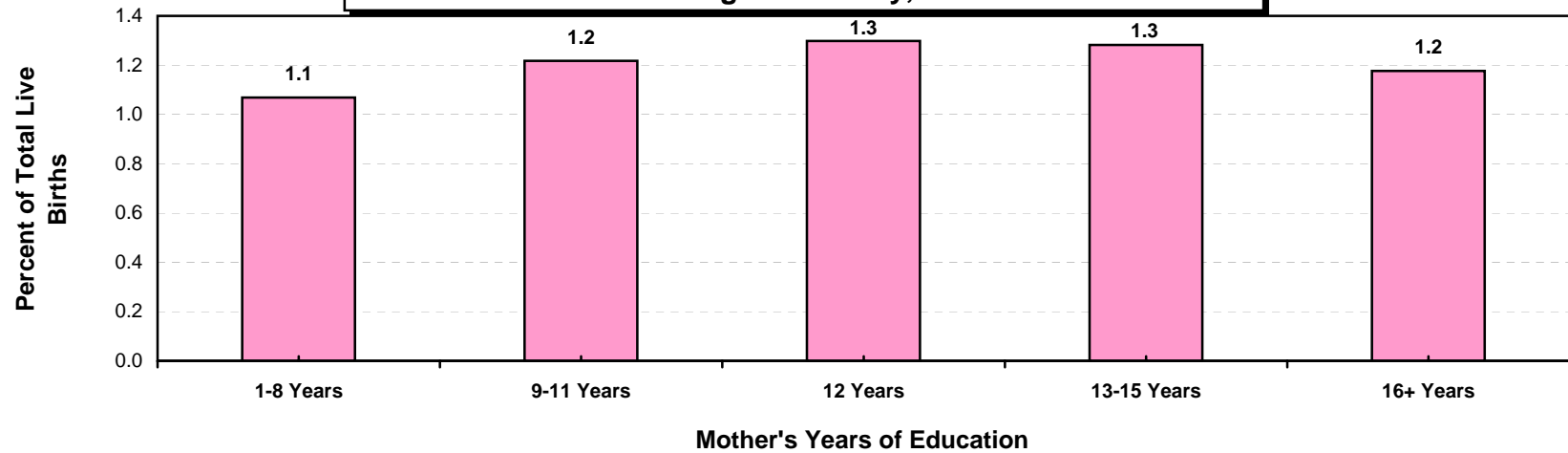


Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

Note: Very low birthweight is defined as weight less than 1,500 grams (3 pounds, 5 ounces) at birth.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

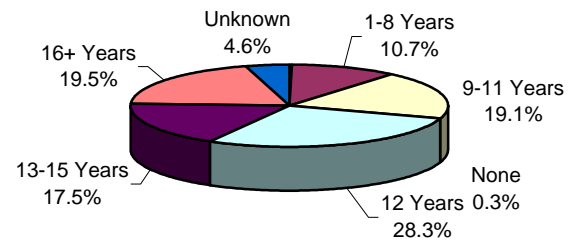
**Very Low Birthweight Live Births, as Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2003**



Los Angeles County, 2003				
Mother's Years of Education	Very Low Birthweight		95% confidence Interval	
	Births	Percent	Lower	Upper
None	6	1.5	0.3	2.6
1-8	204	1.1	0.9	1.2
9-11	364	1.2	1.1	1.3
12	541	1.3	1.2	1.4
13-15	335	1.3	1.1	1.4
16 and over	373	1.2	1.1	1.3
Unknown	87	2.6	2.1	3.2
Total	1,910	1.3	1.2	1.3

Total Live Births
412
19,083
29,901
41,679
26,122
31,685
3,310
152,192

**Percent Distribution of Very Low Birthweight
by Mother's Education
Los Angeles County, 2003**



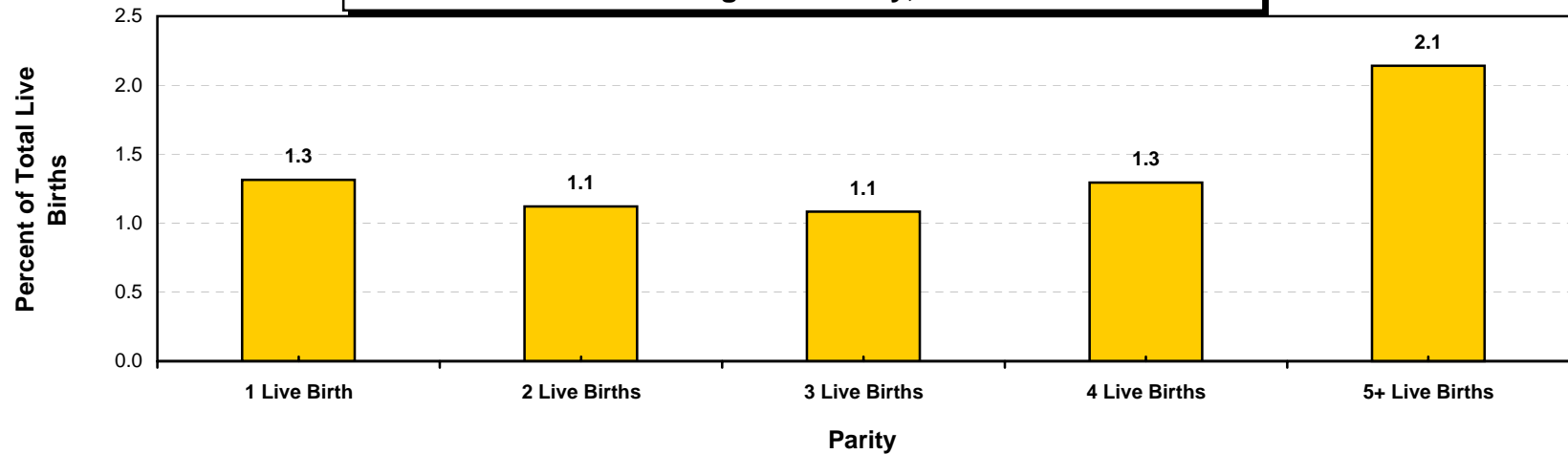
Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

Note: Very low birthweight is defined as weight less than 1,500 grams (3 pounds, 5 ounces) at birth.

This analysis did not adjust for teen mothers who may not be old enough to have reached higher categorical educational level.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

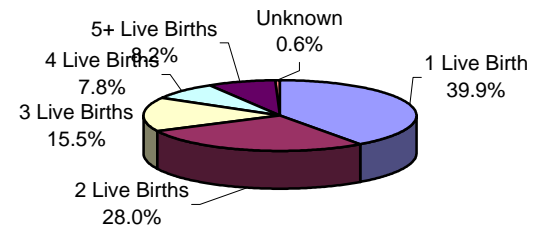
**Very Low Birthweight Live Births, as Percent of Total Live Births
by Parity
Los Angeles County, 2003**



Los Angeles County, 2003				
Parity	Very Low Birthweight		95% confidence Interval	
	Births	Percent	Lower	Upper
1	763	1.3	1.2	1.4
2	534	1.1	1.0	1.2
3	297	1.1	1.0	1.2
4	149	1.3	1.1	1.5
5+	156	2.1	1.8	2.5
Unknown	11	5.4	2.3	8.5
Total	1,910	1.3	1.2	1.3

Total Live Births
58,098
47,652
27,431
11,521
7,287
203
152,192

**Percent Distribution of Very Low Birthweight
by Parity
Los Angeles County, 2003**



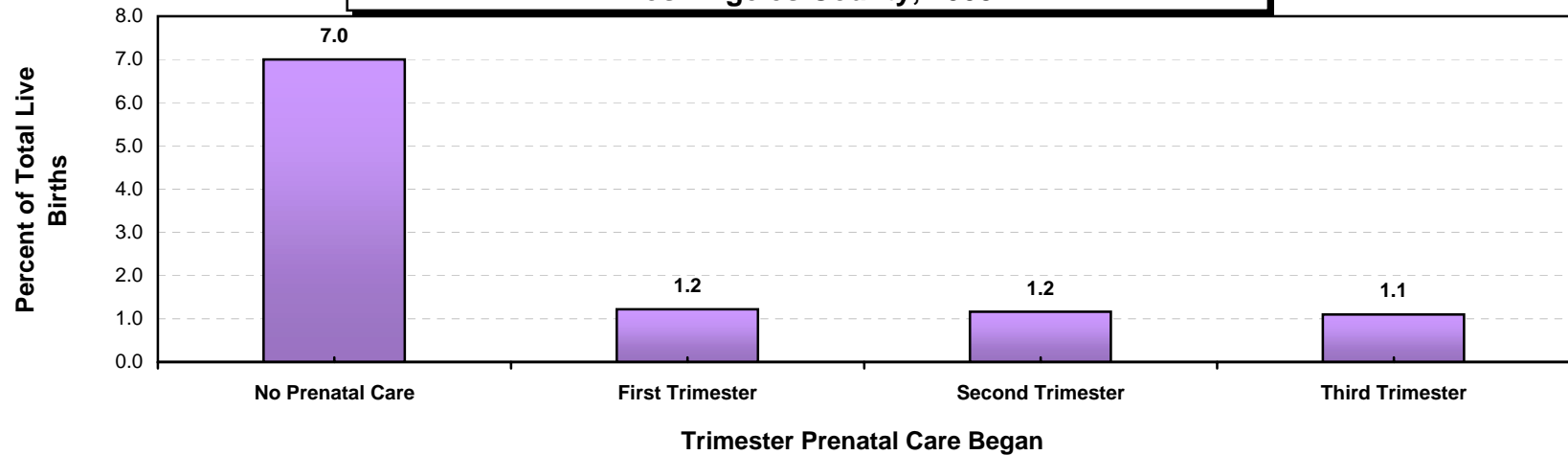
Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

Note: Very low birthweight is defined as weight less than 1,500 grams (3 pounds, 5 ounces) at birth.

Parity = number of pregnancies resulting in live births to a woman. Number of total live births is used as a proxy for parity.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

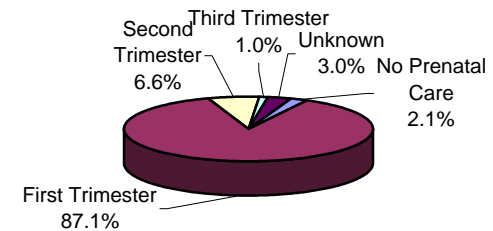
**Very Low Birthweight Live Births, as Percent of Total Live Births
by Mother's Trimester Prenatal Care (PNC) Began
Los Angeles County, 2003**



Los Angeles County, 2003				
Trimester Prenatal Care Began	Very Low Birthweight		95% confidence Interval	
	Births	Percent	Lower	Upper
No Prenatal Care	41	7.0	4.9	9.1
First	1,664	1.2	1.2	1.3
Second	127	1.2	1.0	1.4
Third	20	1.1	0.6	1.6
Unknown	58	2.6	1.9	3.3
Total	1,910	1.3	1.2	1.3

Total Live Births
586
136,610
10,950
1,825
2,221
152,192

**Percent Distribution of Very Low Birthweight
by Mother's Trimester Prenatal Care Began
Los Angeles County, 2003**



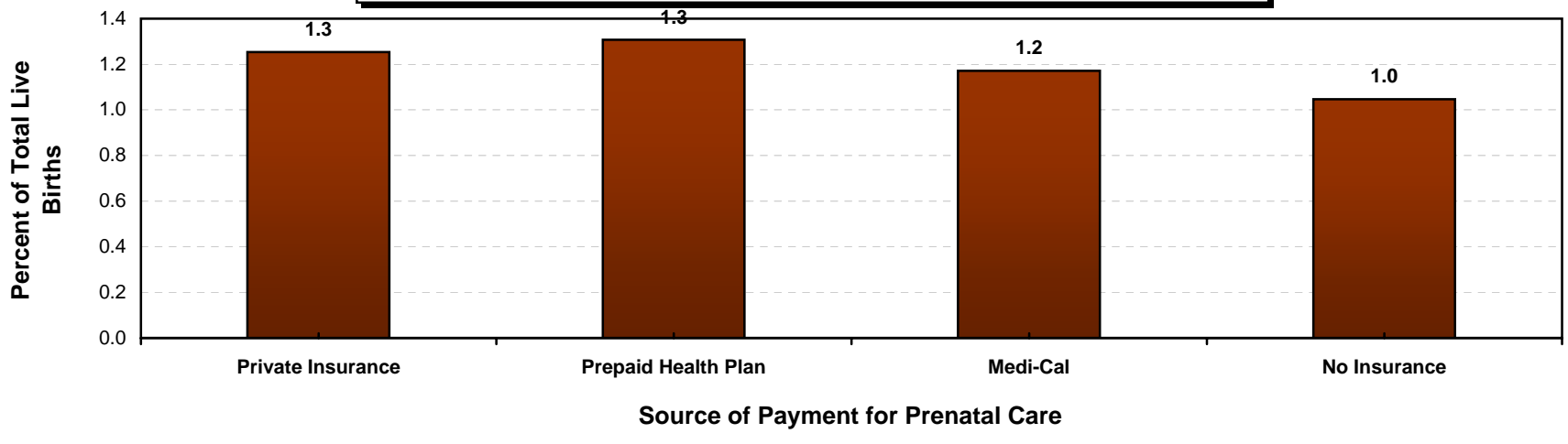
Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

Note: Very low birthweight is defined as weight less than 1,500 grams (3 pounds, 5 ounces) at birth.

Trimester Prenatal Care (PNC) Began excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

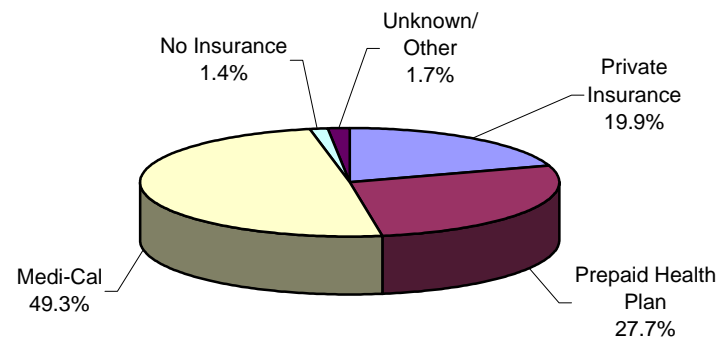
**Very Low Birthweight Live Births, as Percent of Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2003**



Los Angeles County, 2003				
Source of Payment for Prenatal Care	Very Low Birthweight		95% confidence Interval	
	Births	Percent	Lower	Upper
No Prenatal Care	41	7.0	4.9	9.1
Private Insurance	372	1.3	1.1	1.4
Prepaid Health Plan	518	1.3	1.2	1.4
Medi-Cal	922	1.2	1.1	1.2
No Insurance	26	1.0	0.6	1.4
Unknown/ Other	31	2.7	1.8	3.7
Total	1,910	1.3	1.2	1.3

Total Live Births
586
78,731
29,660
39,599
2,483
1,133
152,192

**Percent Distribution of Very Low Birthweight
by Source of Payment for Prenatal Care
Los Angeles County, 2003**



Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

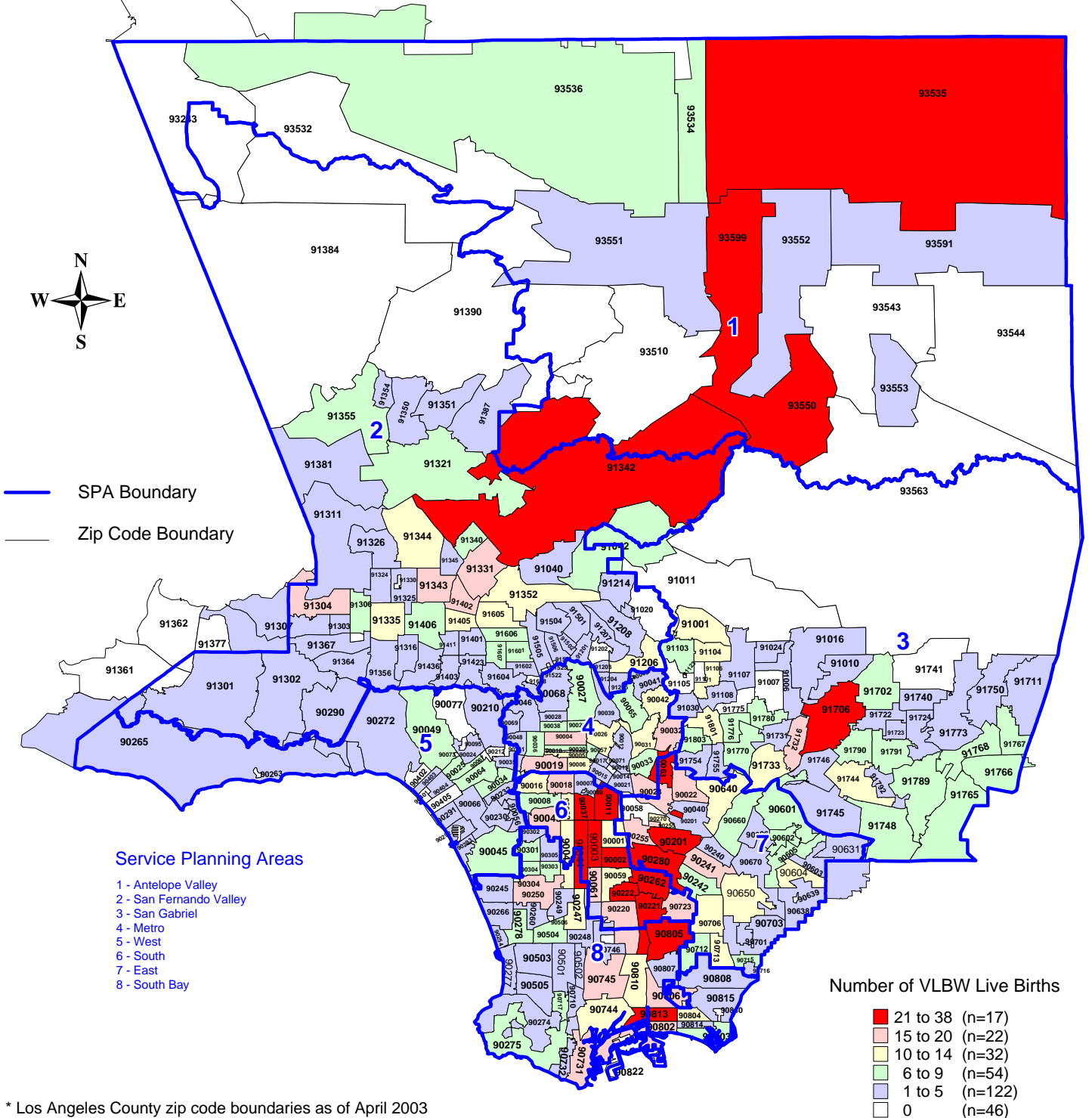
Note: Very low birthweight is defined as weight less than 1,500 grams (3 pounds, 5 ounces) at birth.

"Prepaid Health Plan" includes health maintenance organization and other managed care health programs.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

Number of Very Low Birthweight (VLBW) Live Births by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192
 Total number of very low birthweight live births in Los Angeles County, 2003 = 1,910

n = total number of zip codes in range

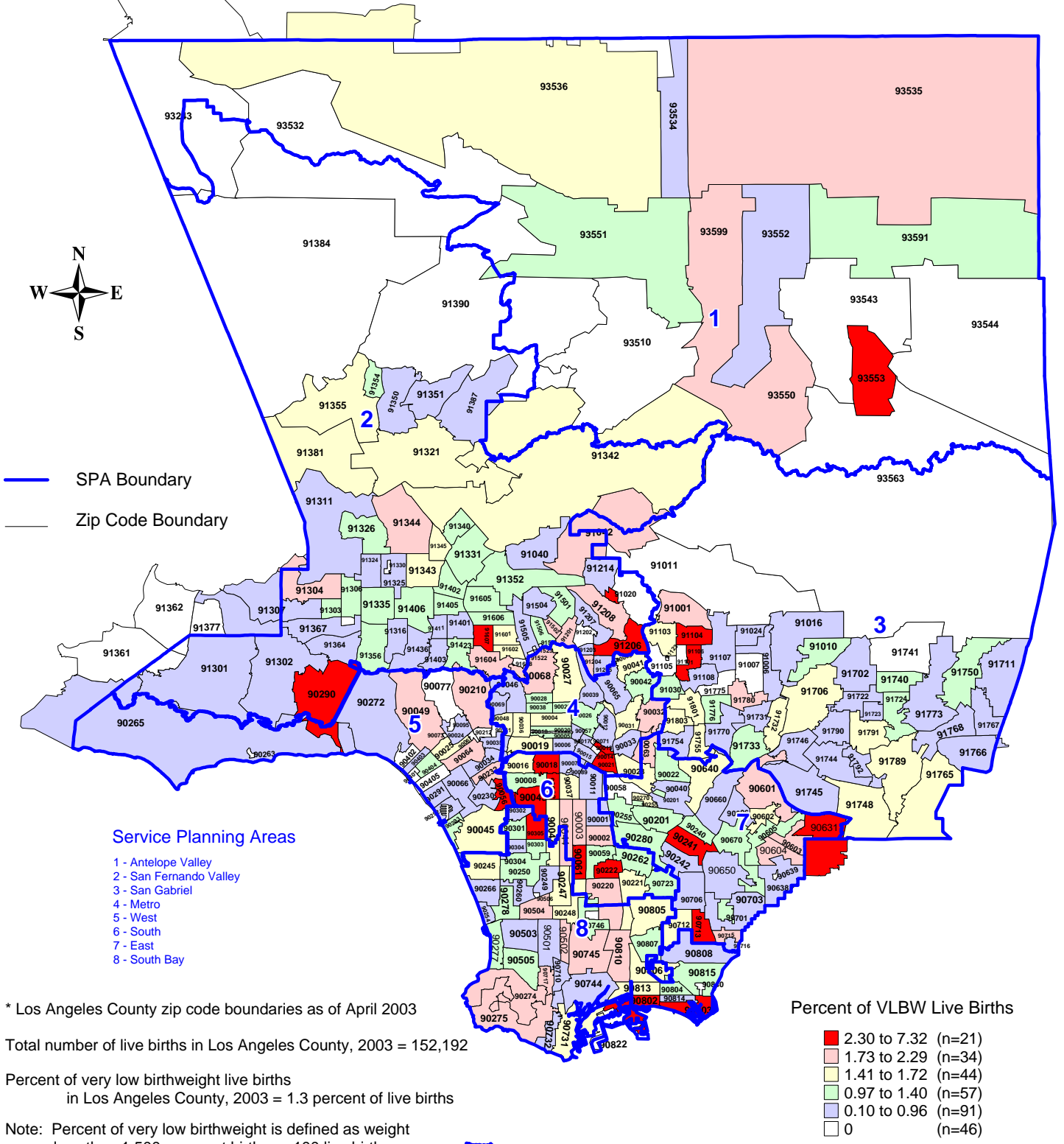
Note: Very low birthweight is defined as weight less than 1,500 grams at birth

Source: California Department of Health Services,
 Center for Health Statistics, Vital Statistics, 2003



Percent of Very Low Birthweight (VLBW) Live Births by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192

Percent of very low birthweight live births in Los Angeles County, 2003 = 1.3 percent of live births

Note: Percent of very low birthweight is defined as weight less than 1,500 grams at birth per 100 live births

HP2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

Prenatal Care

TITLE V PERINATAL INDICATORS 2003

INDICATOR: First Trimester Onset of Prenatal Care (PNC)

DEFINITION: The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy

NUMERATOR: The number of live births to women who received prenatal care during the first trimester, 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 the proportion of pregnant women who receive prenatal care in the first trimester of pregnancy to 90 percent of live births.
(Baseline: 83 percent of live births in 1998) (Objective 16-6a)

RISK FACTORS:

For not obtaining early 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 obstetric providers

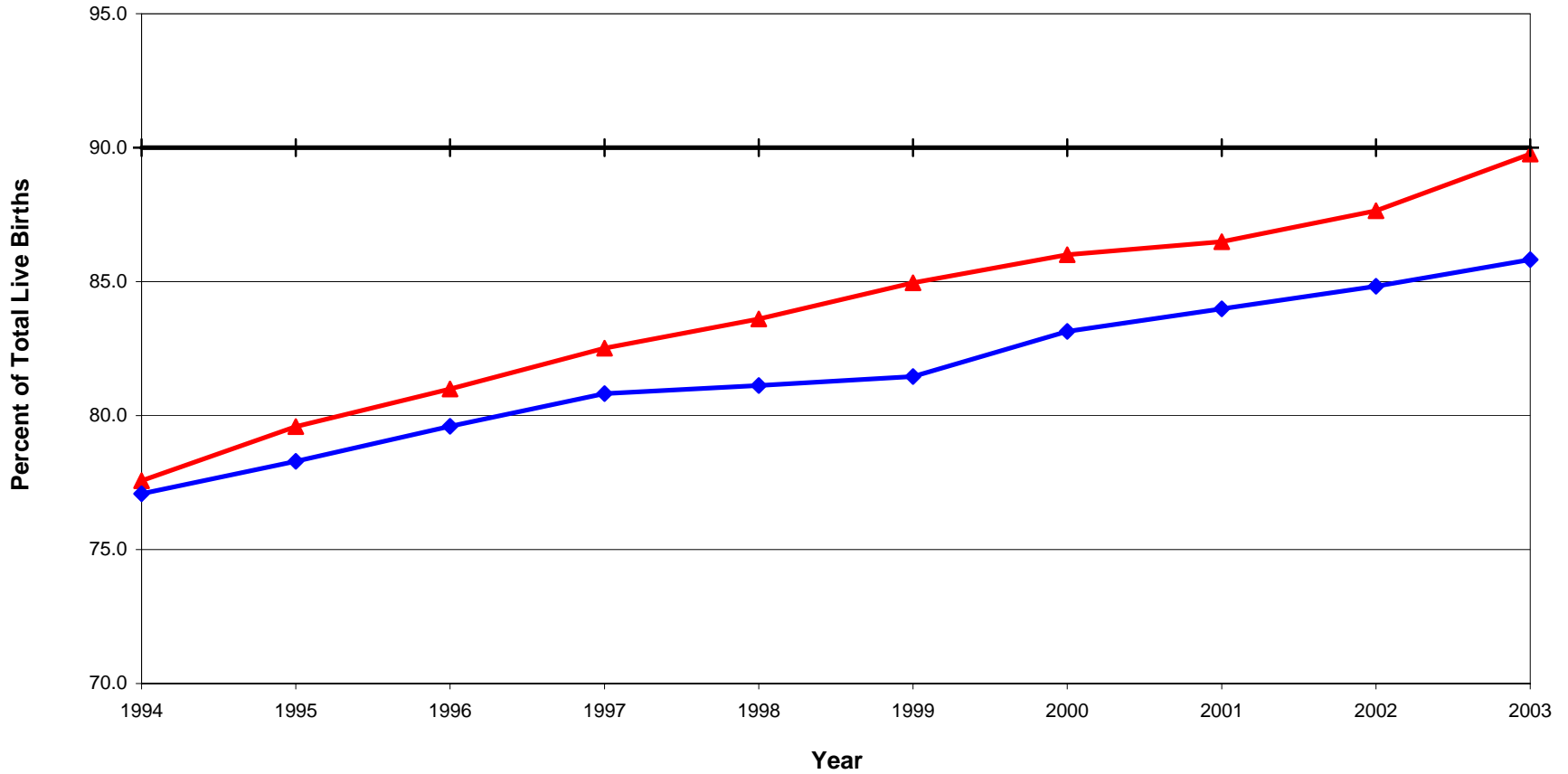
Year	California				Los Angeles County			
	First Trimester Prenatal Care		95% Confidence Interval		First Trimester Prenatal Care		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
1994	437,094	77.1	77.0	77.2	139,928	77.6	77.4	77.8
1995	431,572	78.3	78.2	78.4	139,172	79.6	79.4	79.8
1996	428,724	79.6	79.5	79.7	136,863	81.0	80.8	81.2
1997	423,640	80.8	80.7	80.9	133,701	82.5	82.3	82.7
1998	422,866	81.1	81.0	81.2	132,607	83.6	83.4	83.8
1999	422,020	81.5	81.4	81.6	132,670	85.0	84.8	85.1
2000	441,712	83.1	83.0	83.2	135,356	86.0	85.8	86.2
2001	442,936	84.0	83.9	84.1	132,776	86.5	86.3	86.7
2002	448,955	84.8	84.7	84.9	132,493	87.6	87.5	87.8
2003	464,156	85.8	85.7	85.9	136,609	89.8	89.6	89.9

Denominator: Live Births		
Year	California	LA County
1994	567,034	180,394
1995	551,226	174,862
1996	538,628	168,973
1997	524,174	162,036
1998	521,265	158,604
1999	518,073	156,153
2000	531,285	157,391
2001	527,371	153,523
2002	529,245	151,167
2003	540,827	152,192

Note: This measure excludes the prenatal care experiences of all women whose pregnancies did not result in live births.
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

Percent of First Trimester Onset of Prenatal Care California vs. Los Angeles County, 1994-2003

LA County Percent California Percent Healthy People 2010



Year 2010 Objective: Increase the proportion of pregnant women who receive prenatal care in the first trimester of pregnancy to 90 percent of live births.

Note: This measure excludes the prenatal care experiences of all women whose pregnancies did not result in live births.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

TITLE V PERINATAL INDICATORS 2003

INDICATOR: Percent of Total Live Births by Adequacy of Prenatal Care Utilization (APNCU) Index

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 the proportion of all pregnant women who receive early and adequate prenatal care to 90 percent of live births.
 (Baseline: 74 percent of live births in 1998) (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/Alaskan Native); high parity; maternal substance abuse; lack of health insurance; lack of obs

Year	California				Los Angeles County			
	Adequate Prenatal Care		95% Confidence Interval		Adequate Prenatal Care		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
1994	432,605	76.3	76.2	76.4	136,725	75.8	75.6	76.0
1995	421,847	76.5	76.4	76.6	133,885	76.6	76.4	76.8
1996	417,252	77.5	77.4	77.6	131,622	77.9	77.7	78.1
1997	423,708	80.8	80.7	80.9	133,441	82.4	82.2	82.5
1998	423,143	81.2	81.1	81.3	131,627	83.0	82.8	83.2
1999	424,820	82.0	81.9	82.1	130,451	83.5	83.4	83.7
2000	436,261	82.1	82.0	82.2	132,139	84.0	83.8	84.1
2001	437,754	83.0	82.9	83.1	129,516	84.4	84.2	84.5
2002	442,146	83.5	83.4	83.6	128,984	85.3	85.1	85.5
2003	455,424	84.2	84.1	84.3	132,229	86.9	86.7	87.1

Denominator: Live Births		
Year	California	LA County
1994	567,034	180,394
1995	551,226	174,862
1996	538,628	168,973
1997	524,174	162,036
1998	521,265	158,604
1999	518,073	156,153
2000	531,285	157,391
2001	527,371	153,523
2002	529,245	151,167
2003	540,827	152,192

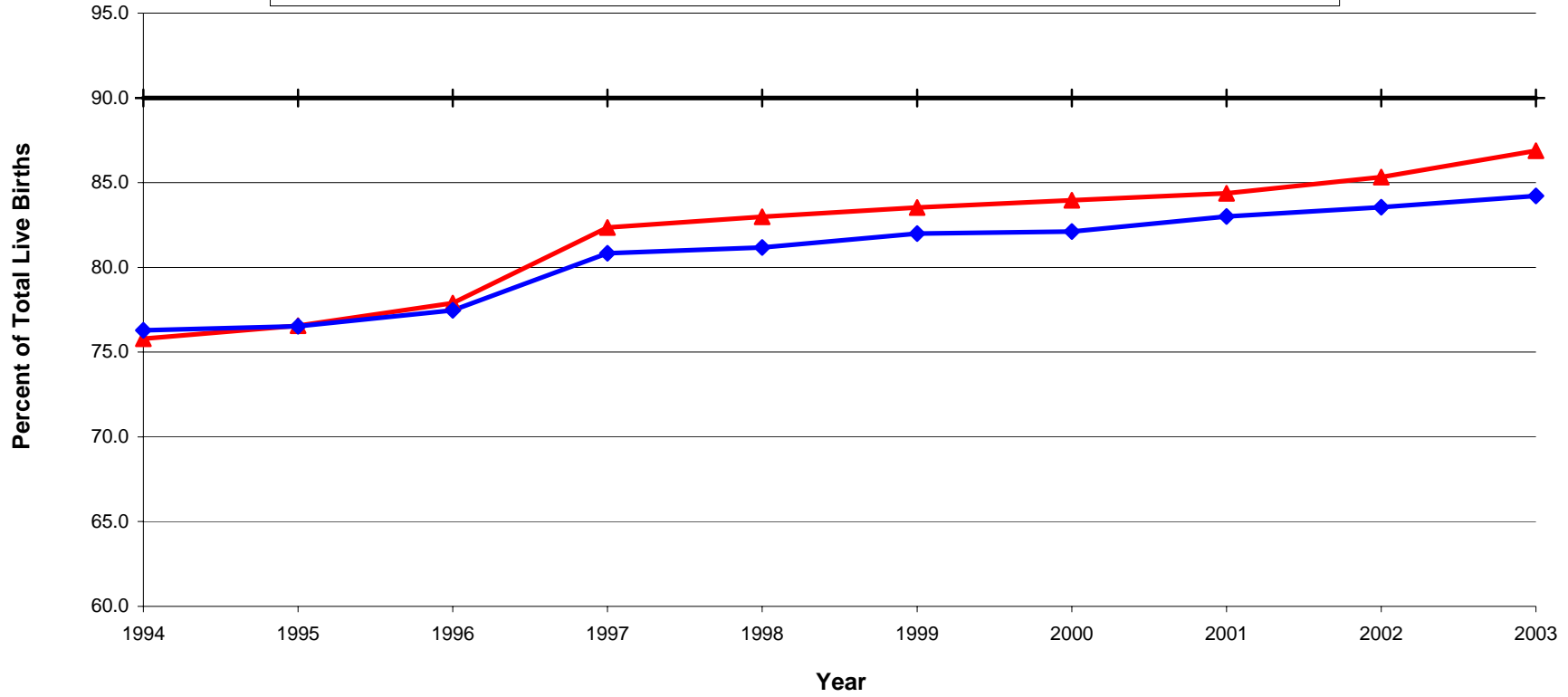
Note: The APNCU Index measures prenatal care utilization, which includes consideration of the month prenatal care began and the number of prenatal care visits during the time mothers actually received prenatal care. This utilization index is based on the recom

Due to the change in methodology for calculating the Kotelchuck Index, the data presented may not be comparable to those published in previous FHOP reports.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

**Percent of Total Live Births with "Adequate" Prenatal Care
as Rated by Kotelchuck (APNCU) Index
California vs. Los Angeles County, 1994-2003**

▲ LA County Percent
 ◆ California Percent
 — Healthy People 2010



Year 2010 Objective: Increase the proportion of pregnant women who receive early and adequate prenatal care to 90 percent of live births.

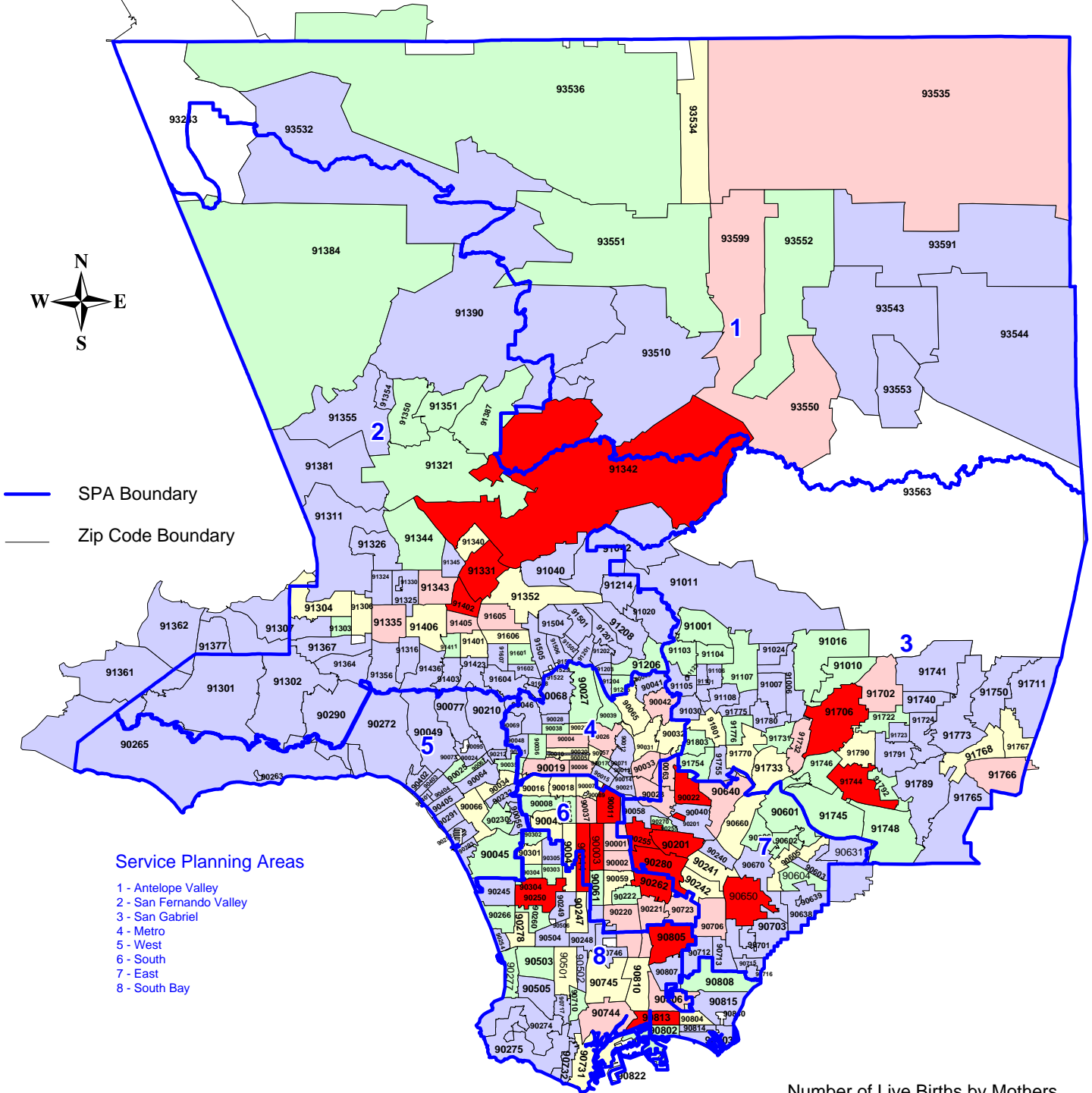
Note: The APNCU Index measures prenatal care utilization, which includes consideration of the month prenatal care began and the number of prenatal care visits during the time mothers actually received prenatal care. This utilization index is based on the recom

Due to the change in methodology for calculating the Kotelchuck Index, the data presented may not be comparable to those published in previous FHOP reports.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

Number of Live Births by Mothers Who Began Prenatal Care (PNC) in the First Trimester by Zip Codes* and Service Planning Area (SPA)

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192

Total number of live births by mothers who began prenatal care in the first trimester in Los Angeles County, 2003 = 136,609

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

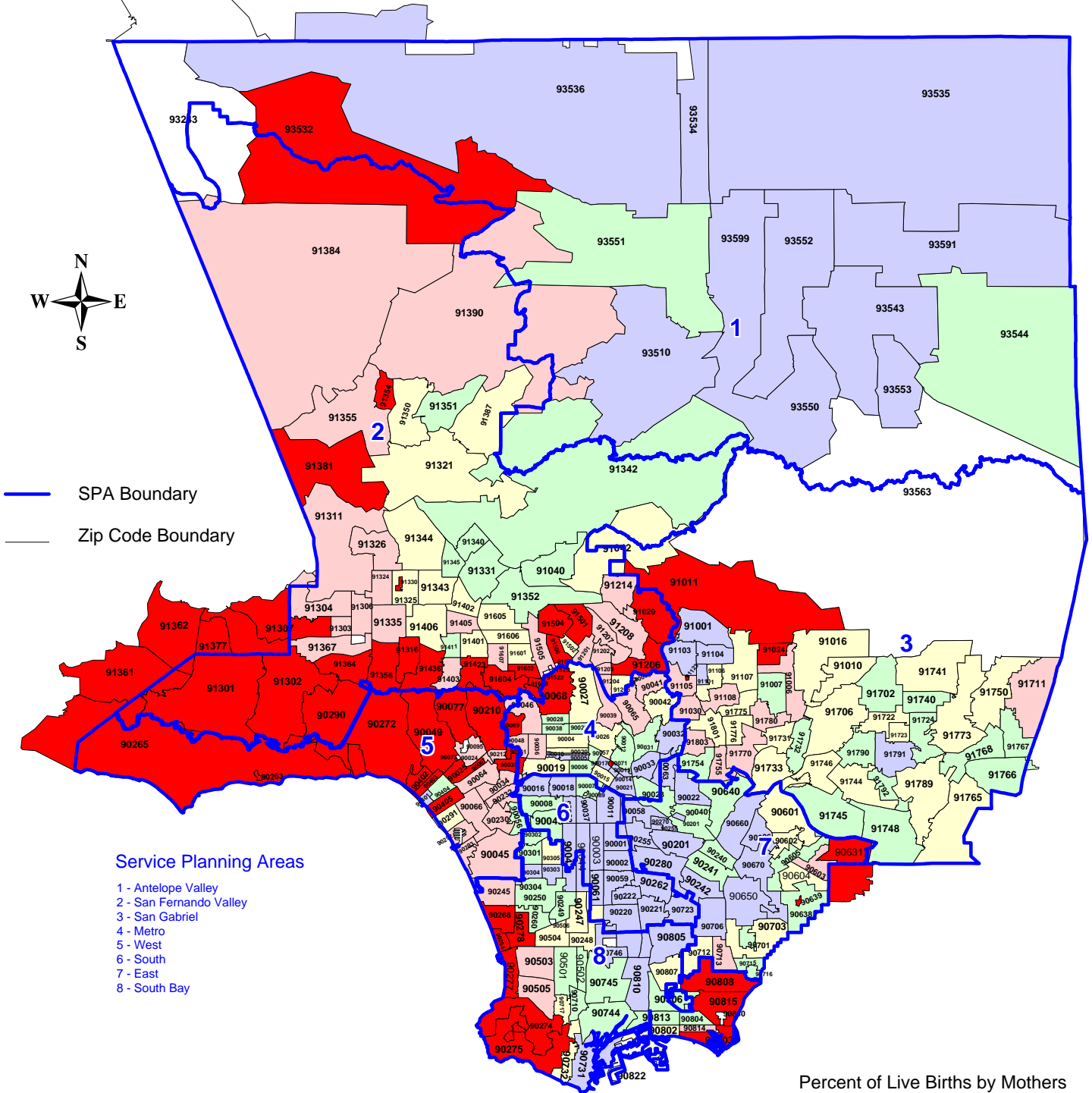
Number of Live Births by Mothers Who Began PNC in the First Trimester

	1,230 to 2,430 (n=17)
	870 to 1,229 (n=27)
	550 to 869 (n=41)
	350 to 549 (n=57)
	1 to 349 (n=138)
	0 (n=13)

n = total number of zip codes in range

Percent of Live Births by Mothers Who Began Prenatal Care (PNC) in the First Trimester by Zip Codes* and Service Planning Area (SPA)

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192

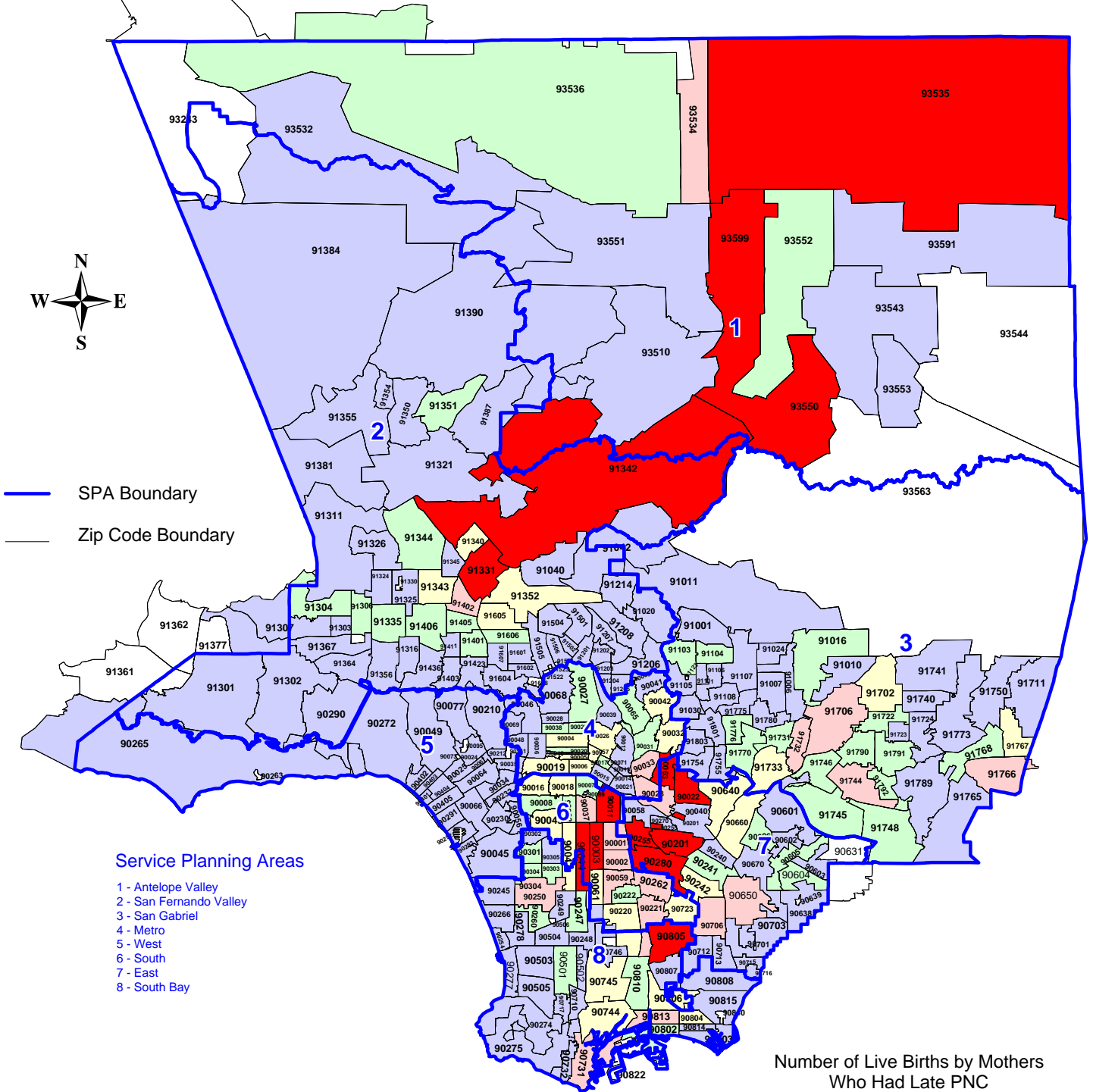
Percent of live births by mothers who began prenatal care in the first trimester in Los Angeles County, 2003 = 89.8 percent of live births

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

n = total number of zip codes in range

Number of Live Births by Mothers Who Had Late Prenatal Care (PNC) by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192

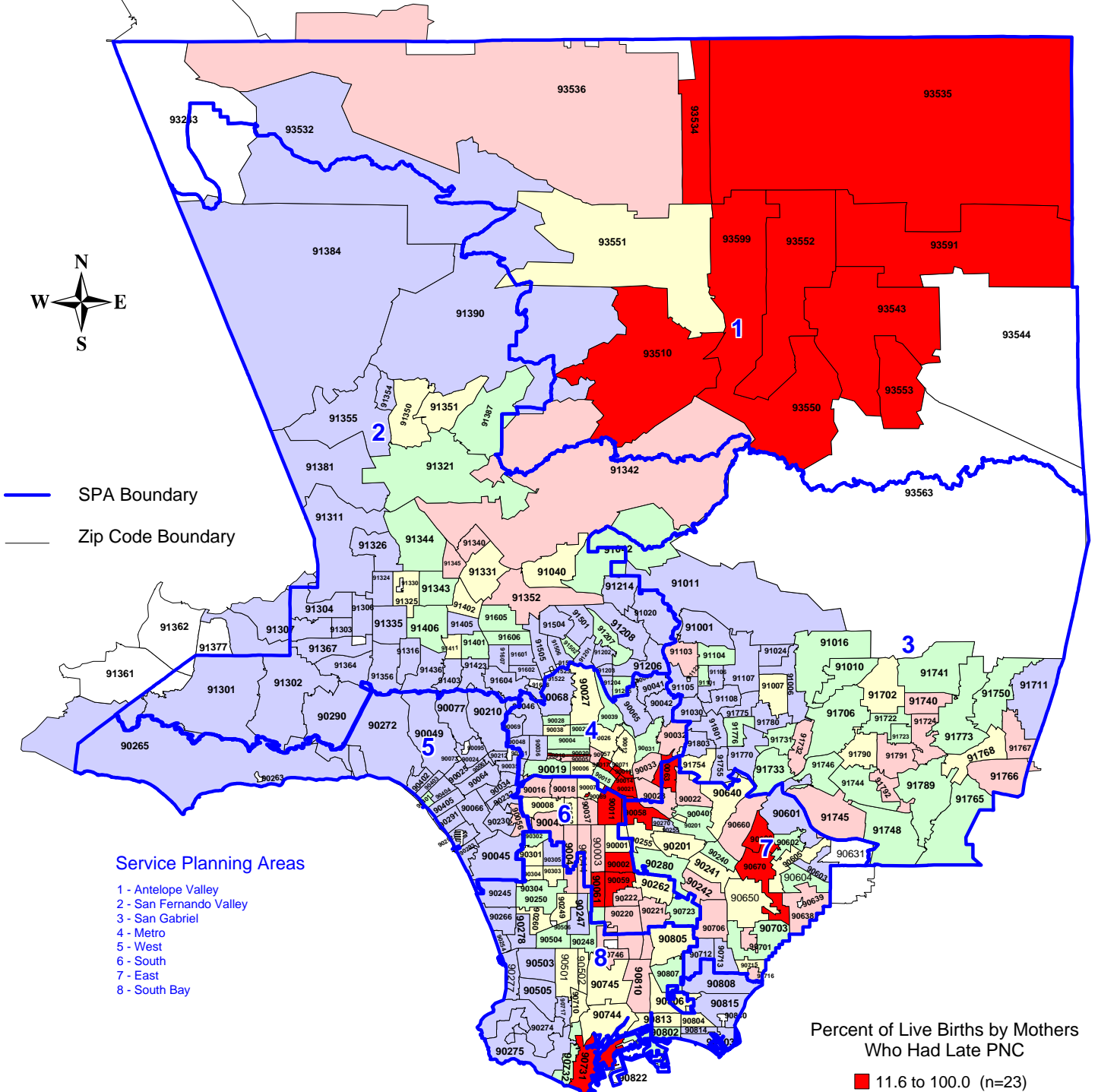
Total number of live births by mothers who had late prenatal care in Los Angeles County, 2003 = 12,775

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

n = total number of zip codes in range

Percent of Live Births by Mothers Who Had Late Prenatal Care (PNC) by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192

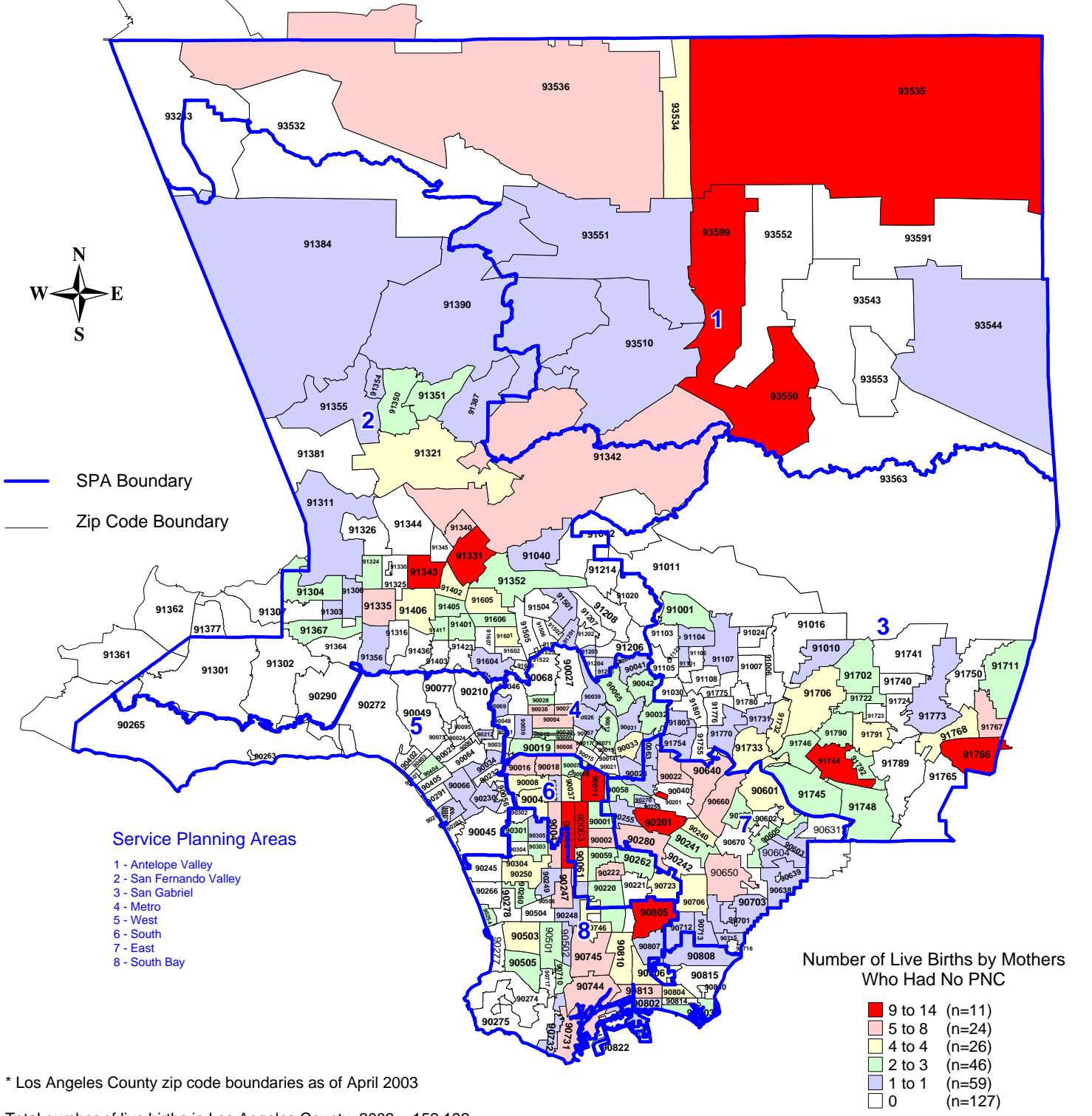
Percent of live births by mothers who had late prenatal care in Los Angeles County, 2003 = 8.4 percent of live births

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

n = total number of zip codes in range

Number of Live Births by Mothers Who Had No Prenatal Care (PNC) by Zip Code* & Service Planning Area (SPA)

Los Angeles County, 2003



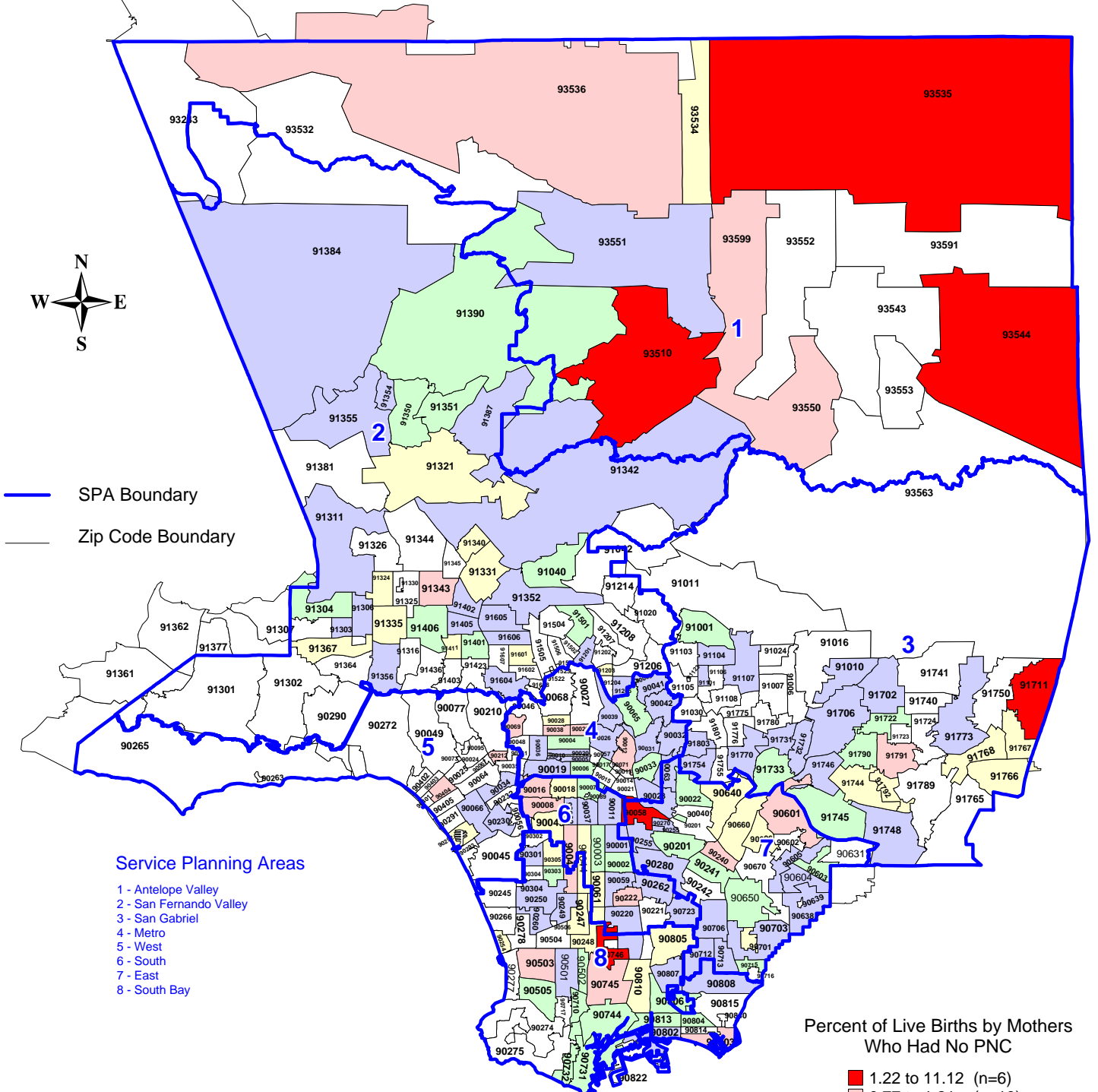
* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192
 Total number of live births by mothers who had no prenatal care in Los Angeles County, 2003 = 586

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

Percent of Live Births by Mothers Who Had No Prenatal Care (PNC) by Zip Code* and Service Planning Area

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192

Percent of live births by mothers who had no prenatal care in Los Angeles County, 2003 = 0.4 percent of live births

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

n = total number of zip codes in range

Fetal and Infant Mortality

Fetal Mortality

TITLE V PERINATAL INDICATORS 2003

INDICATOR: Fetal Mortality Rate

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

NUMERATOR: The number of fetal deaths of 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				LA County			
	Fetal Mortality		95 % Confidence Interval		Fetal Mortality		95 % Confidence Interval	
	Deaths	Rate	Lower	Upper	Deaths	Rate	Lower	Upper
1994	3,299	5.8	5.6	6.0	1,018	5.6	5.3	6.0
1995	3,355	6.0	5.8	6.3	964	5.5	5.1	5.8
1996	3,330	6.1	5.9	6.4	1,024	6.0	5.7	6.4
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	4.7	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

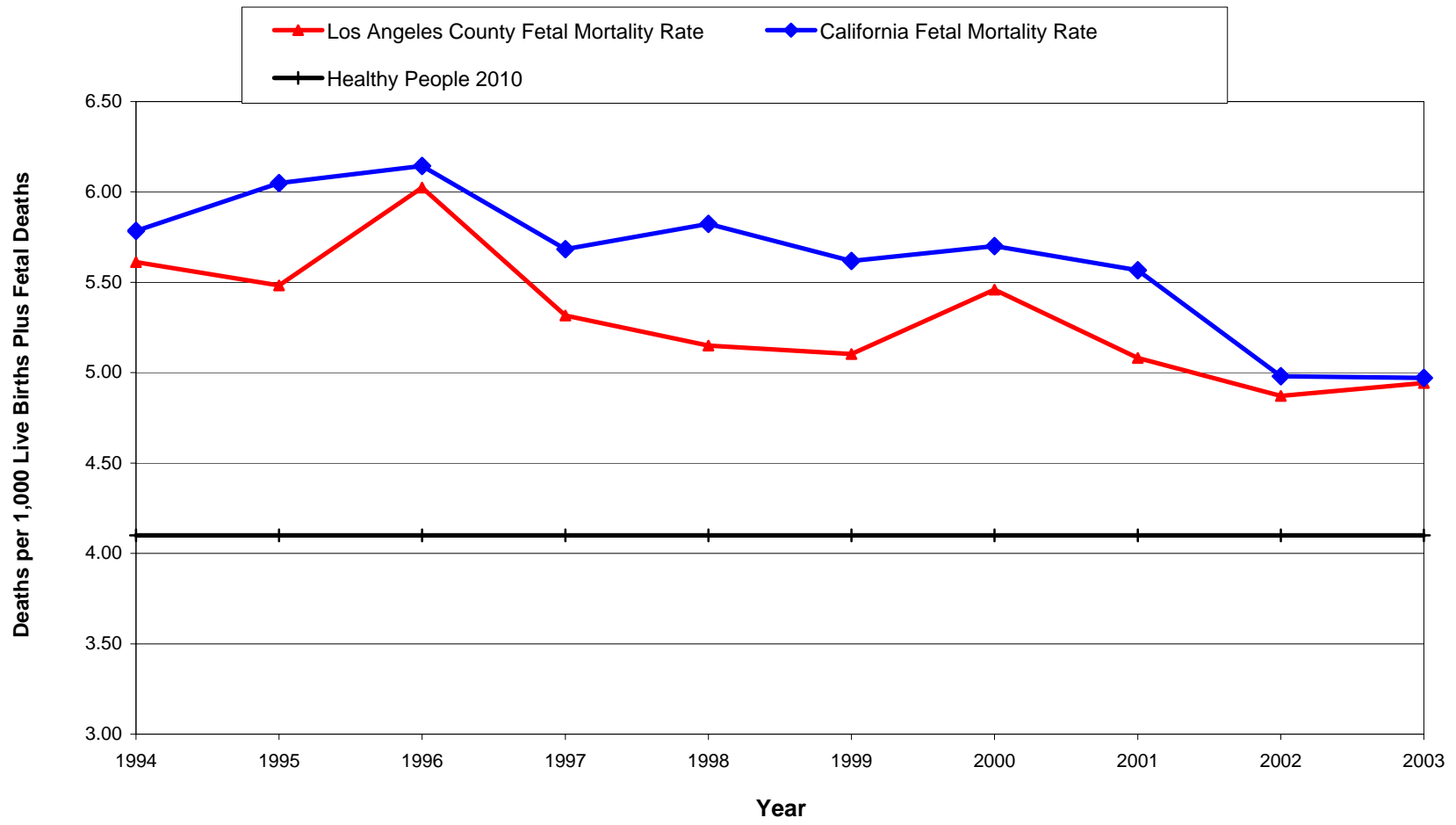
Year	Denominator: Total Live Births + Fetal Deaths	
	California	LA County
1994	570,333	181,412
1995	554,581	175,826
1996	541,958	169,997
1997	527,170	162,902
1998	524,318	159,425
1999	521,000	156,954
2000	534,331	158,255
2001	530,323	154,307
2002	531,894	151,907
2003	543,529	152,948

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

Note: Total births = number of live births + number of fetal deaths.

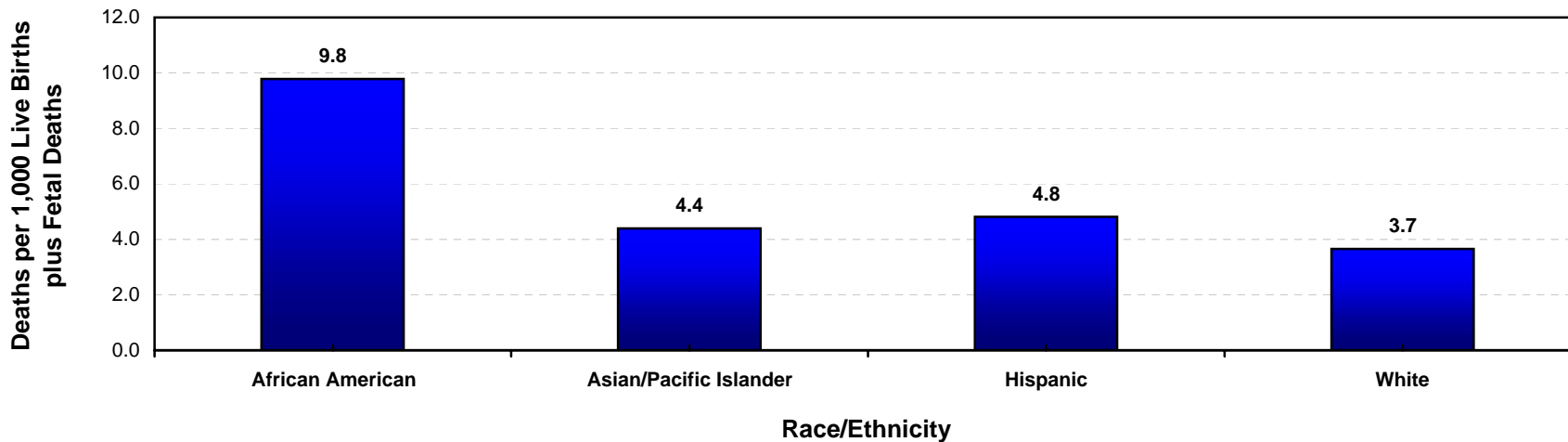
For number of fetal deaths in Los Angeles County, records with missing gestational age are excluded. (n=89 in 2003)

Fetal Deaths per 1,000 Live Births plus Fetal Deaths California vs. Los Angeles County, 1994-2003



Year 2010 Objective: Reduce the fetal mortality rate (20 or more weeks of gestation) to no more than 4.1 per 1,000 live births plus fetal deaths.
 Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.
 Note: For number of fetal deaths in Los Angeles County, records with missing gestational age are excluded. (n=89 in 2003)

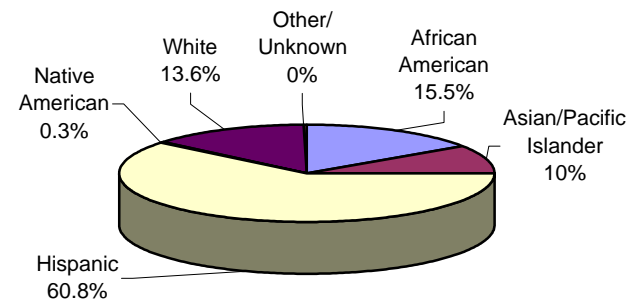
Fetal Mortality Rate by Race/Ethnicity Los Angeles, 2003



Los Angeles, 2003				
Race/Ethnicity	Fetal Mortality		95% Confidence Interval	
	Deaths	Rate	Lower	Upper
African American	117	9.8	8.0	11.5
Asian/Pacific Islander	72	4.4	3.4	5.4
Hispanic	460	4.8	4.4	5.3
Native American	2	N/C	N/C	N/C
White	103	3.7	3.0	4.4
Other/Unknown	2	N/A	N/A	N/A
Total	756	4.9	4.6	5.3

Total Live Births plus Fetal Deaths
11,966
16,398
95,530
214
28,163
677
152,948

Percent of Fetal Deaths by Mother's Race/Ethnicity Los Angeles, 2003



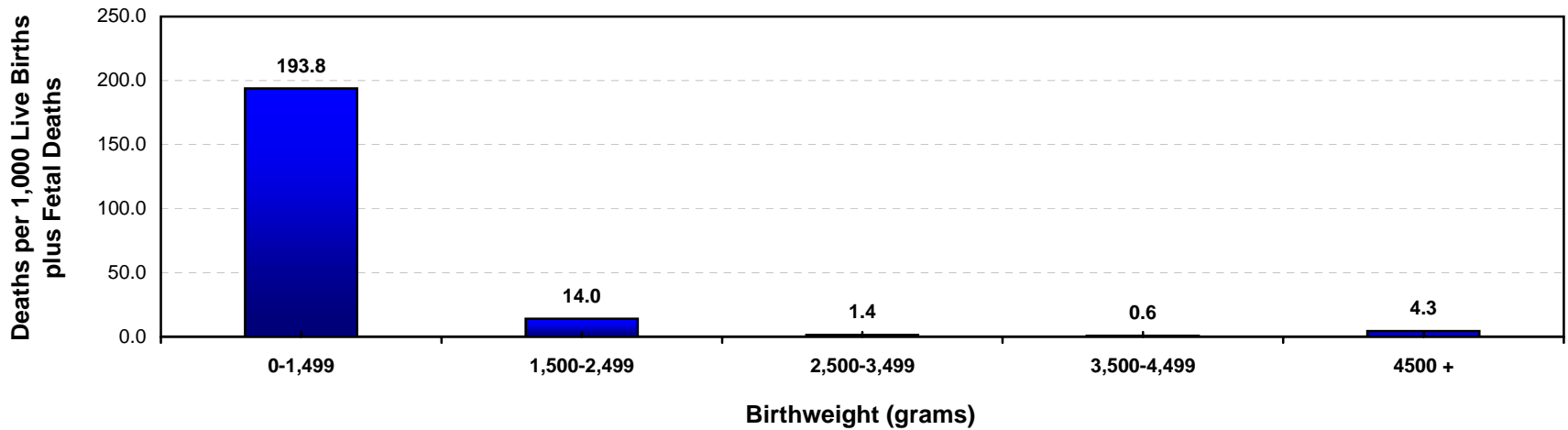
Year 2010 Objective: Reduce the fetal mortality rate (20 or more weeks of gestation) to no more than 4.1 per 1,000 live births plus fetal deaths.

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

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 Health Services, Center for Health Statistics, Vital Statistics, 2003.

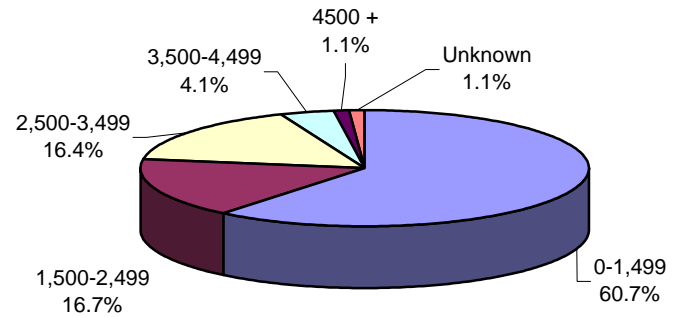
Fetal Mortality Rate by Birthweight Category Los Angeles County, 2003



Los Angeles, 2003				
Birthweight (grams)	Fetal Mortality		95% confidence Interval	
	Deaths	Rate	Lower	Upper
0-1,499	459	193.8	176.0	211.5
1,500-2,499	126	14.0	11.5	16.4
2,500-3,499	124	1.4	1.2	1.7
3,500-4,499	31	0.6	0.4	0.8
4500 +	8	4.3	1.3	7.2
Unknown	8	N/A	N/A	N/A
Total	756	4.9	4.6	5.3

Total Live Births plus Fetal Deaths
2,369
9,010
86,152
53,526
1,877
14
152,948

Percent of Fetal Deaths by Birthweight Category Los Angeles, 2003



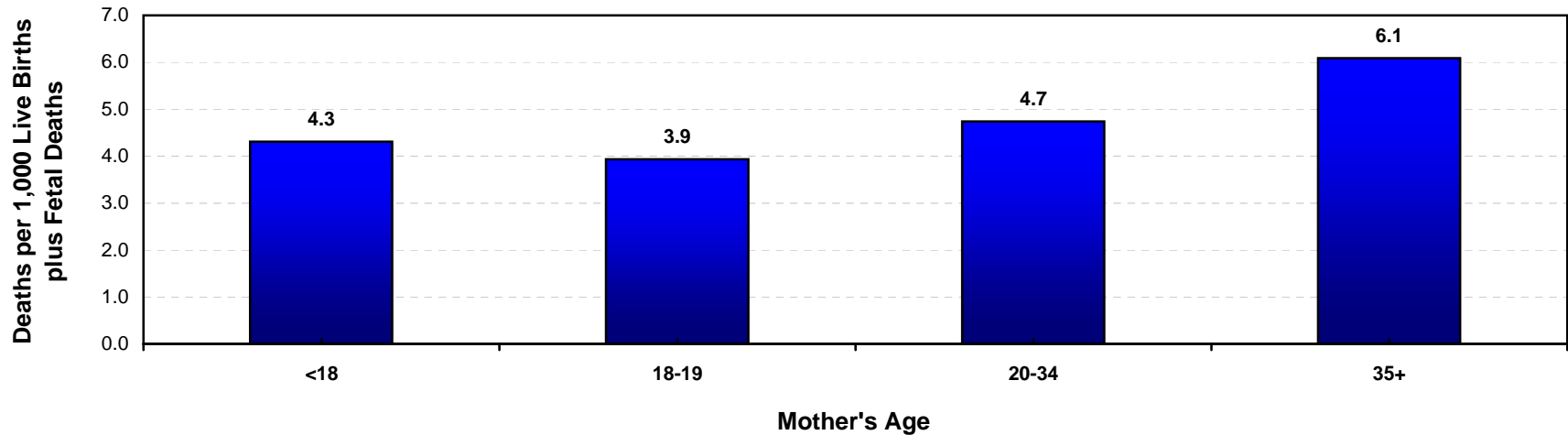
Year 2010 Objective: Reduce the fetal mortality rate (20 or more weeks of gestation) to no more than 4.1 per 1,000 live births plus fetal deaths.

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

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 Health Services, Center for Health Statistics, Vital Statistics, 2003.

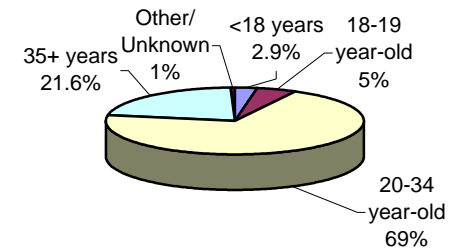
**Fetal Mortality Rate by Mother's Age
Los Angeles, 2003**



Los Angeles, 2003				
Mother's Age	Fetal Mortality		95% confidence Interval	
	Deaths	Rate	Lower	Upper
<18	22	4.3	2.5	6.1
18-19	36	3.9	2.6	5.2
20-34	530	4.7	4.3	5.1
35+	163	6.1	5.2	7.0
Other/Unknown	5	N/A	N/A	N/A
Total	756	4.9	4.6	5.3

Total Live Births plus Fetal Deaths
5,109
9,155
111,889
26,773
22
152,948

**Percent of Fetal Deaths by Mother's Age
Los Angeles, 2003**



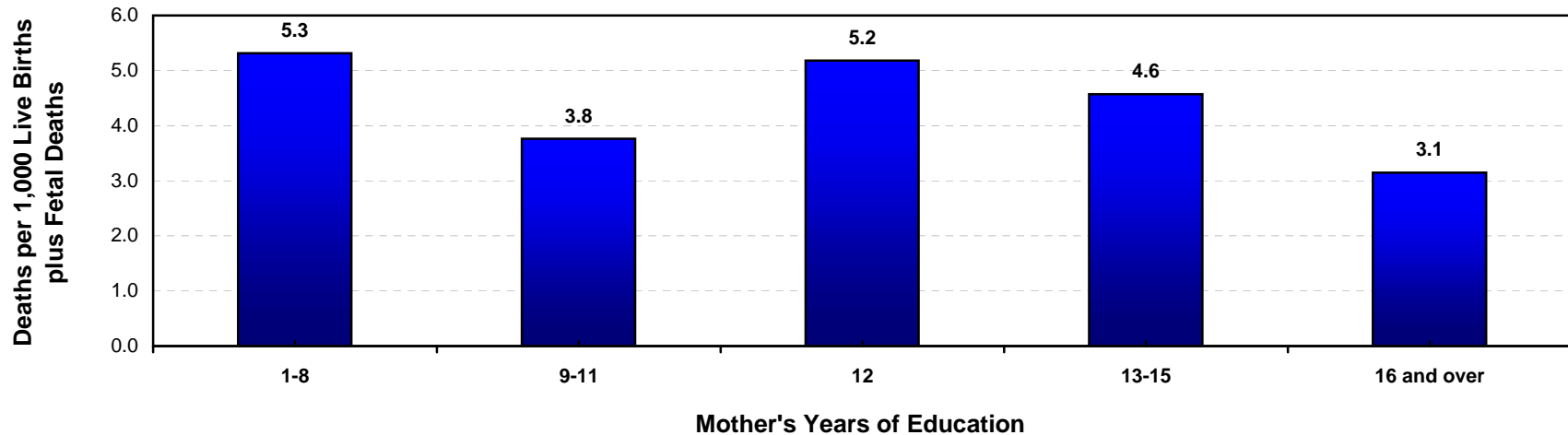
Year 2010 Objective: Reduce the fetal mortality rate (20 or more weeks of gestation) to no more than 4.1 per 1,000 live births plus fetal deaths.

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

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 Health Services, Center for Health Statistics, Vital Statistics, 2003.

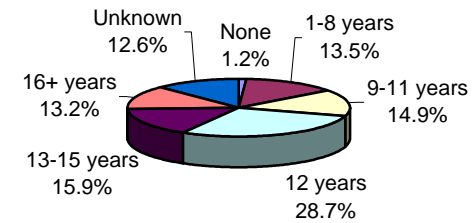
Fetal Mortality Rate by Mother's Years of Education Los Angeles, 2003



Los Angeles, 2003				
Mother's Years of Education	Fetal Mortality		95% confidence Interval	
	Deaths	Rate	Lower	Upper
None	9	21.4	7.4	35.3
1-8	102	5.3	4.3	6.3
9-11	113	3.8	3.1	4.5
12	217	5.2	4.5	5.9
13-15	120	4.6	3.8	5.4
16 and over	100	3.1	2.5	3.8
Unknown	95	N/A	N/A	N/A
Total	756	4.9	4.6	5.3

Total Live Births plus Fetal Deaths
421
19,185
30,014
41,896
26,242
31,785
3,405
152,948

Percent of Fetal Deaths by Mother's Years of Education Los Angeles, 2003



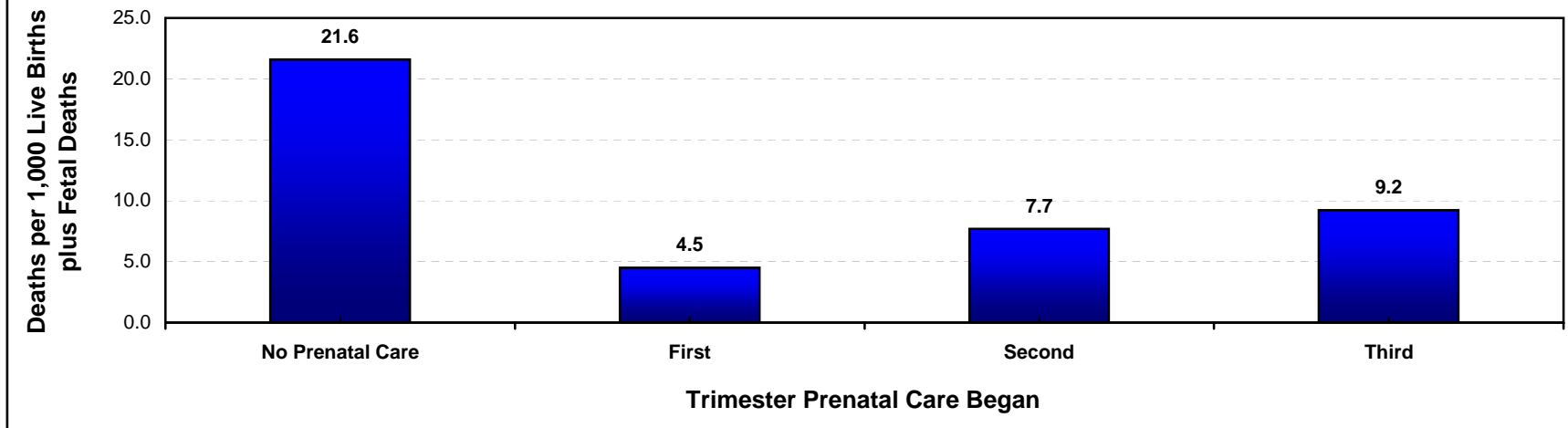
Year 2010 Objective: Reduce the fetal mortality rate (20 or more weeks of gestation) to no more than 4.1 per 1,000 live births plus fetal deaths.

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

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 Health Services, Center for Health Statistics, Vital Statistics, 2003.

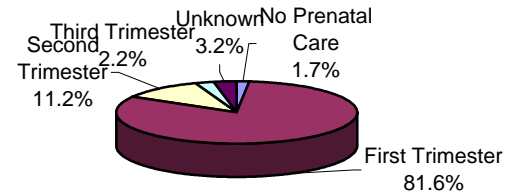
**Fetal Mortality Rate by Mother's Trimester Prenatal Care (PNC) Began
Los Angeles, 2003**



Los Angeles, 2003				
Trimester Prenatal Care Began	Fetal Mortality		95% confidence Interval	
	Deaths	Rate	Lower	Upper
No Prenatal Care	13	21.6	9.9	33.3
First	617	4.5	4.1	4.9
Second	85	7.7	6.1	9.3
Third	17	9.2	4.8	13.6
Unknown	24	N/A	N/A	N/A
Total	756	4.9	4.6	5.3

Total Live Births plus Fetal Deaths
602
137,227
11,035
1,842
2,242
152,948

**Percent of Fetal Deaths by Mother's Trimester Prenatal Care Began
Los Angeles, 2003**



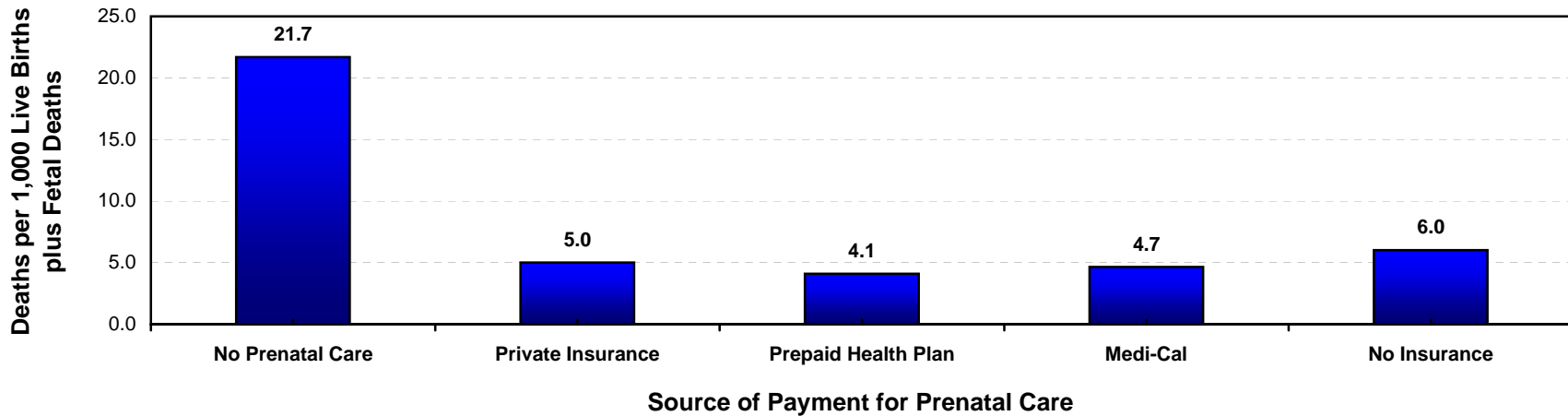
Year 2010 Objective: Reduce the fetal mortality rate (20 or more weeks of gestation) to no more than 4.1 per 1,000 live births plus fetal deaths.

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

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 Health Services, Center for Health Statistics, Vital Statistics, 2003.

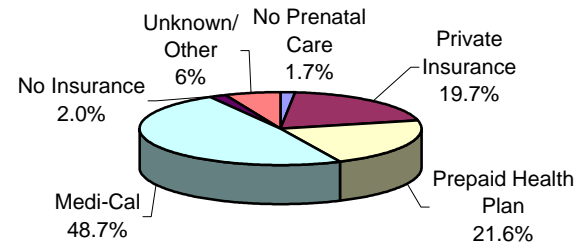
**Fetal Mortality Rate by Source of Payment for Prenatal Care (PNC)
Los Angeles, 2003**



Los Angeles, 2003				
Source of Payment for Prenatal Care	Fetal Mortality		95% confidence Interval	
	Deaths	Rate	Lower	Upper
No Prenatal Care	13	21.7	9.9	33.5
Private Insurance	149	5.0	4.2	5.8
Prepaid Health Plan	163	4.1	3.5	4.7
Medi-Cal	368	4.7	4.2	5.1
No Insurance	15	6.0	3.0	9.0
Unknown/Other	48	N/A	N/A	N/A
Total	756	4.9	4.6	5.3

Total Live Births plus Fetal Deaths
599
29,809
39,762
79,099
2,498
1,181
152,948

**Percent of Fetal Deaths by Source of Payment for Prenatal Care
Los Angeles, 2003**



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

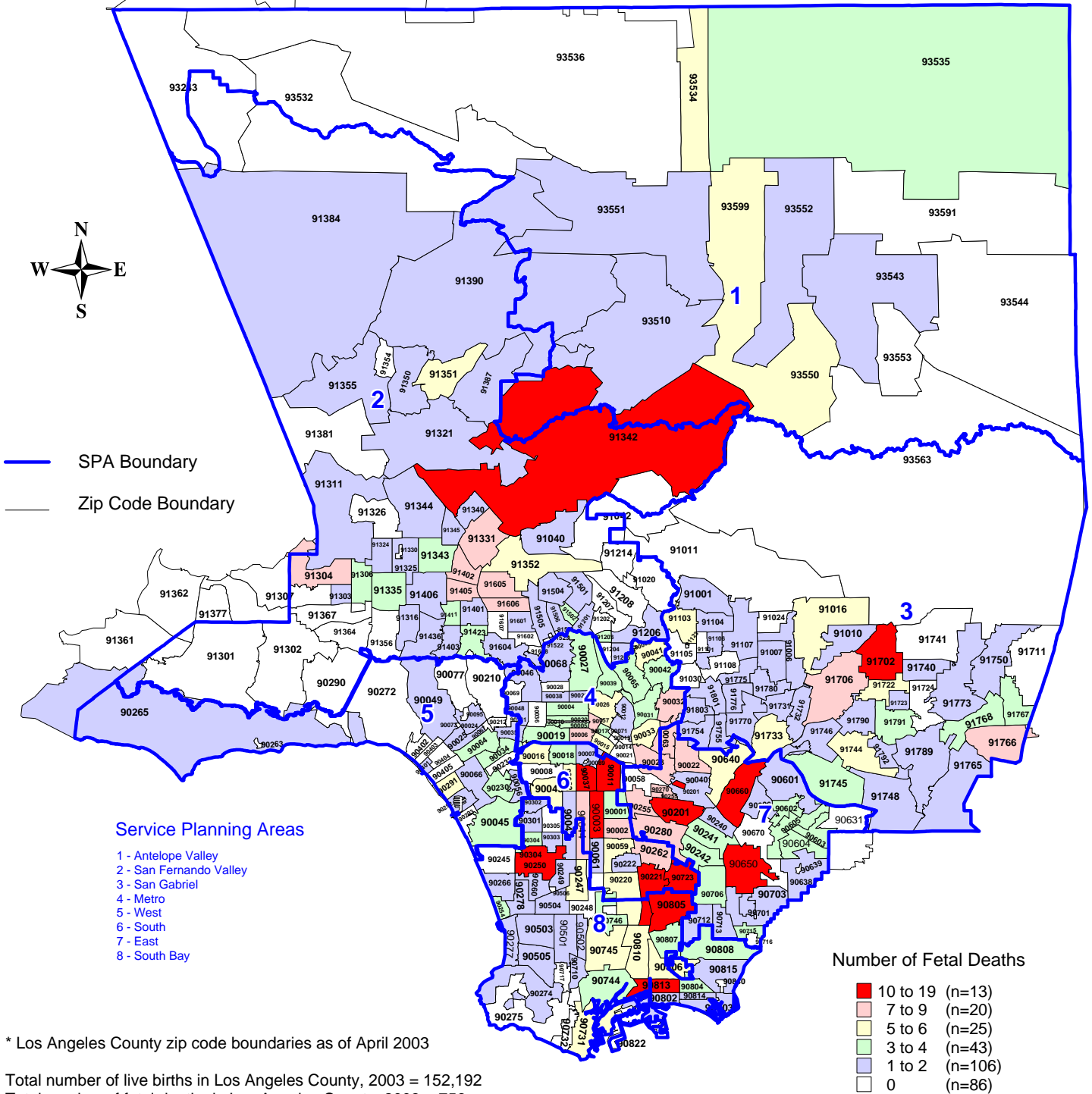
Note: Fetal mortality rate is defined as deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths.

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 Health Services, Center for Health Statistics, Vital Statistics, 2003.

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

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192
 Total number of fetal deaths in Los Angeles County, 2003 = 756

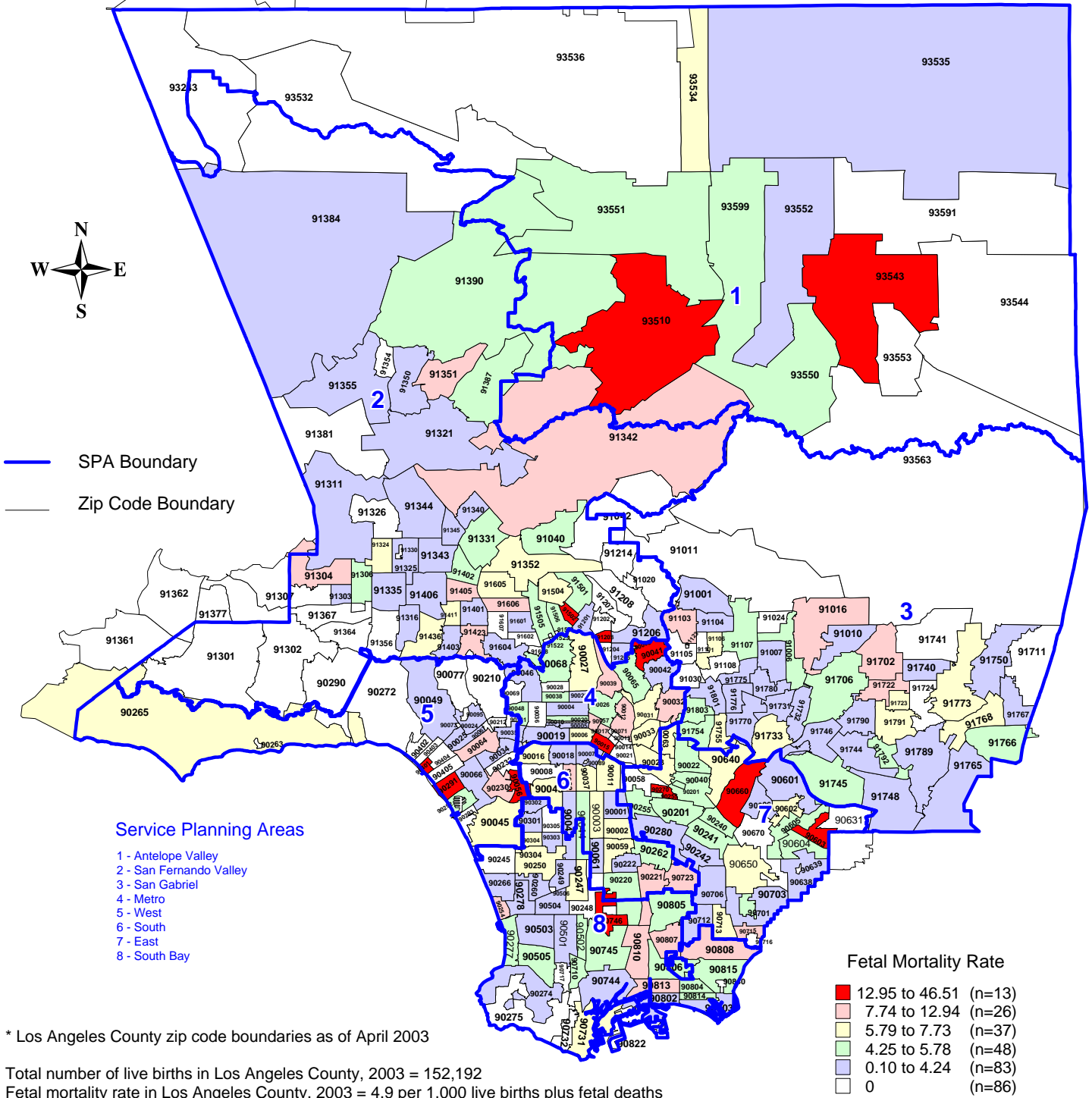
Note: Fetal death is defined as death occurring at 20 weeks or more gestation

n = total number of zip codes in range

Source: California Department of Health Services,
 Center for Health Statistics, Vital Statistics, 2003

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

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192
Fetal mortality rate in Los Angeles County, 2003 = 4.9 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

HP2010 Objective: Reduce fetal death rates (20 or more weeks of gestation) to no more than 4.1 per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

Infant Mortality

TITLE V PERINATAL INDICATORS 2003

INDICATOR: Infant Mortality Rate

DEFINITION: The number of infant deaths occurring at less than 365 days of age per 1,000 live births

NUMERATOR: The number of infant deaths occurring at less than 365 days of age, 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:

Reduce the infant mortality rate to no more than 4.5 per 1,000 live births.

RISK FACTORS:

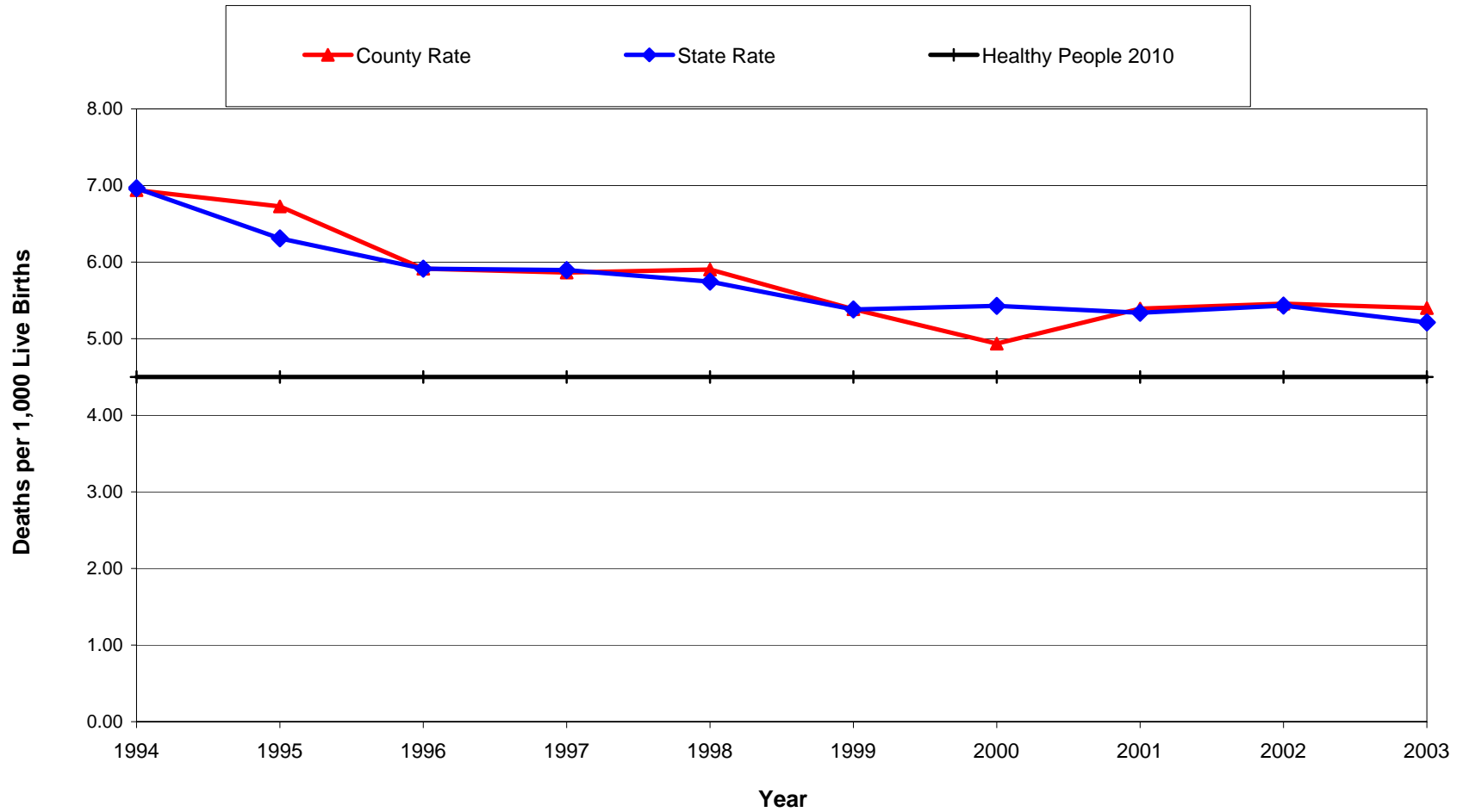
Race/ethnicity; prematurity/disorders related to short gestation; low birth weight; congenital anomalies; young maternal age; low maternal education level; maternal tobacco use; maternal alcohol or substance use/abuse; poor maternal nutrition; inadequate prenatal care; unintended pregnancy; maternal psychosocial problems; maternal medical complications/chronic illness during pregnancy (including diabetes); pregnancy complications; short interpregnancy interval; injury (including domestic violence); infection; family history of SIDS

Year	California				LA County			
	Infant Mortality		95% Confidence Interval		Infant Mortality		95% Confidence Interval	
	Deaths	Rate	Lower	Upper	Deaths	Rate	Lower	Upper
1994	3,948	7.0	6.7	7.2	1,252	6.9	6.6	7.3
1995	3,478	6.3	6.1	6.5	1,176	6.7	6.3	7.1
1996	3,186	5.9	5.7	6.1	999	5.9	5.5	6.3
1997	3,091	5.9	5.7	6.1	950	5.9	5.5	6.2
1998	2,994	5.7	5.5	5.9	936	5.9	5.5	6.3
1999	2,787	5.4	5.2	5.6	841	5.4	5.0	5.7
2000	2,884	5.4	5.2	5.6	777	4.9	4.6	5.3
2001	2,815	5.3	5.1	5.5	828	5.4	5.0	5.8
2002	2,875	5.4	5.2	5.6	825	5.5	5.1	5.8
2003	2,819	5.2	5.0	5.4	822	5.4	5.0	5.8

Year	Denominator: Live Births	
	California	LA County
1994	567,034	180,394
1995	551,226	174,862
1996	538,628	168,973
1997	524,174	162,036
1998	521,265	158,604
1999	518,073	156,153
2000	531,285	157,391
2001	527,371	153,523
2002	529,245	151,167
2003	540,827	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

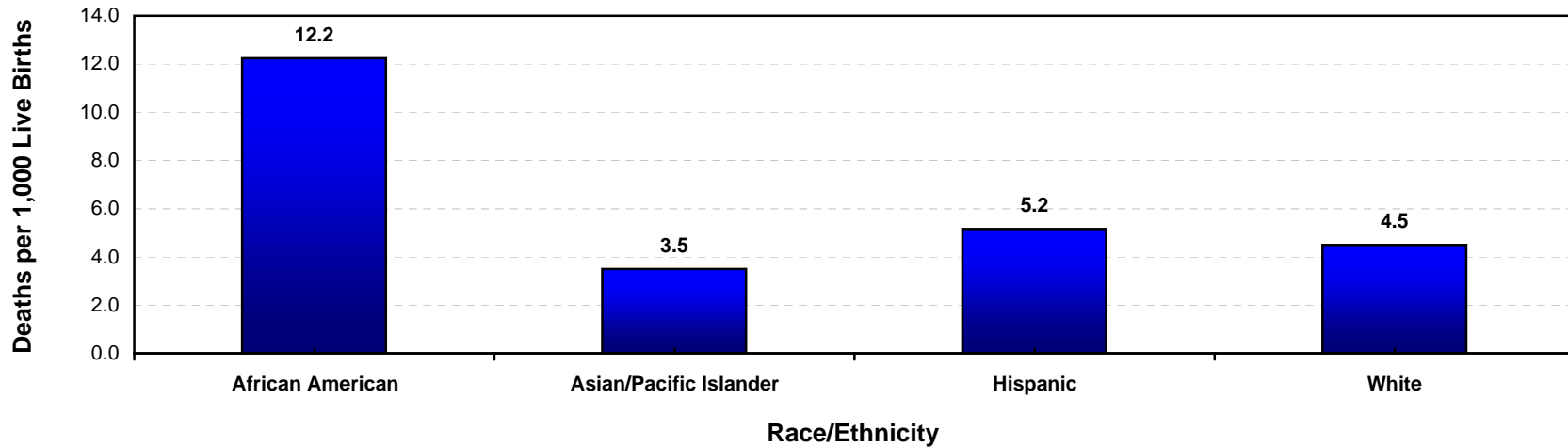
Infant Deaths per 1,000 Live Births California vs. Los Angeles County, 1994-2003



Year 2010 Objective: Reduce the infant mortality rate to no more than 4.5 per 1,000 live births.

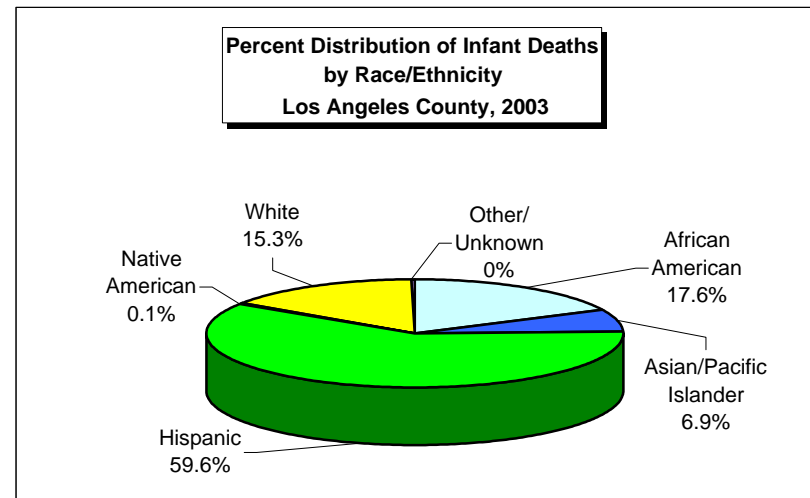
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

Infant Mortality Rate by Race/Ethnicity Los Angeles County, 2003



Los Angeles County, 2003				
Race/Ethnicity	Infant Mortality		95% Confidence Interval	
	Deaths	Rate	Lower	Upper
African American	145	12.2	10.2	14.2
Asian/Pacific Islander	57	3.5	2.6	4.4
Hispanic	490	5.2	4.7	5.6
Native American	1	N/C	N/C	N/C
White	126	4.5	3.7	5.3
Other/Unknown	3	N/A	N/A	N/A
Total	822	5.4	5.0	5.8

Total Live Births
11,849
16,326
95,070
212
28,060
675
152,192



Year 2010 Objective: Reduce the infant mortality rate to no more than 4.5 per 1,000 live births.

Note: Infant mortality rate is defined as deaths occurring less than 365 days per 1,000 live births.

White, African American, Asian/Pacific Islander, Native American 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 Health Services, Center for Health Statistics, Vital Statistics, 2003.

TITLE V INDICATOR TEMPLATE

INDICATOR: Neonatal Mortality Rate

DEFINITION: The number of neonatal deaths occurring at less than 28 days of age per 1,000 live births

NUMERATOR: The number of neonatal deaths occurring at less than 28 days of age, 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:

Reduce the neonatal mortality rate to no more than 2.9 per 1,000 live births.
(Baseline: 4.8 per 1,000 live births in 1998) (Objective 16-1d)

RISK FACTORS:

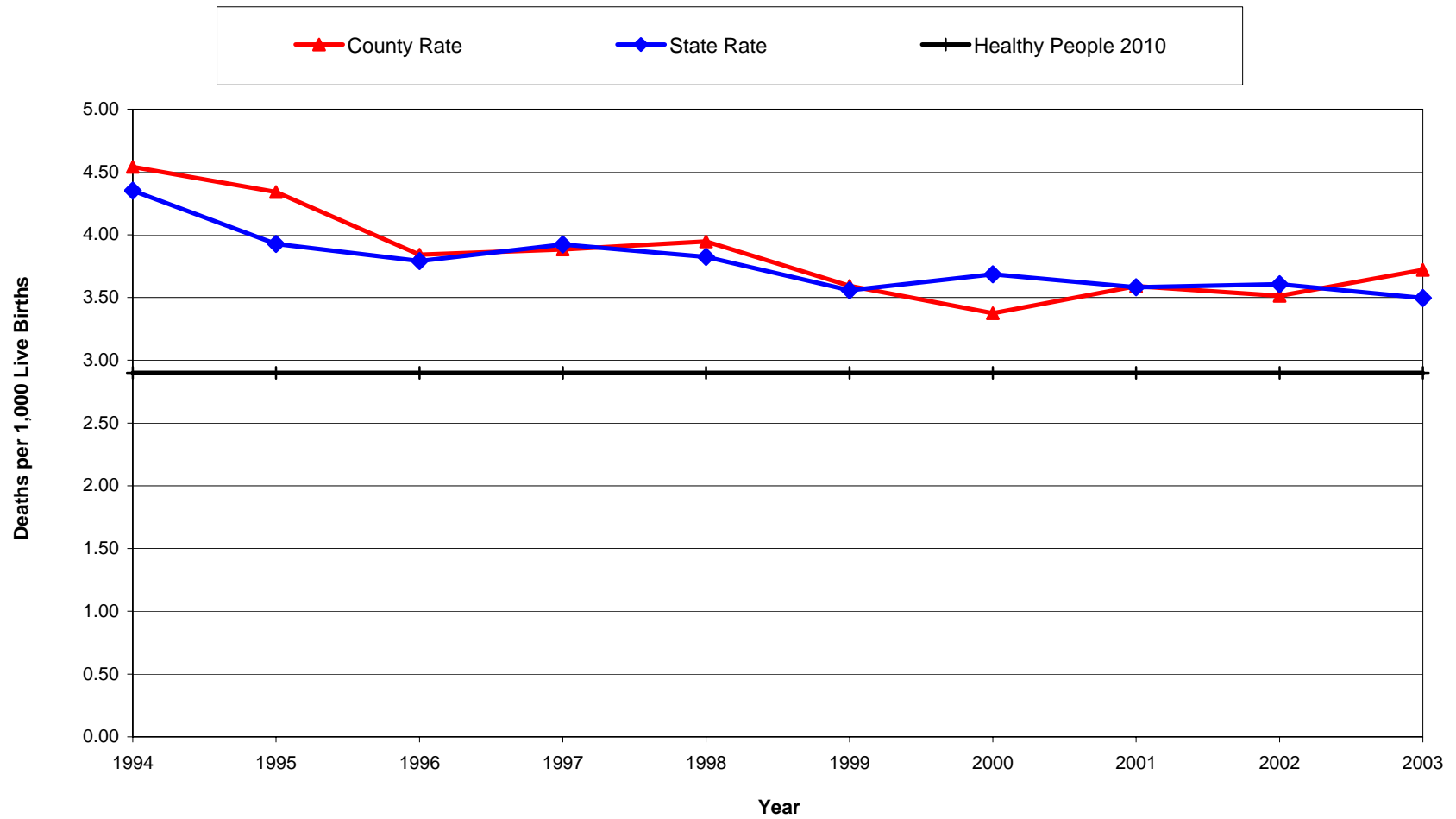
Congenital anomalies; short gestation; low birth weight; maternal complications; race/ethnicity (African American, Puerto Rican)
See also risk factors for infant mortality.

Year	California				LA County			
	Neonatal Mortality		95% Confidence Interval		Neonatal Mortality		95% Confidence Interval	
	Deaths	Rate	Lower	Upper	Deaths	Rate	Lower	Upper
1994	2,467	4.4	4.2	4.5	819	4.5	4.2	4.9
1995	2,164	3.9	3.8	4.1	759	4.3	4.0	4.6
1996	2,041	3.8	3.6	4.0	649	3.8	3.5	4.1
1997	2,056	3.9	3.8	4.1	629	3.9	3.6	4.2
1998	1,993	3.8	3.7	4.0	626	3.9	3.6	4.3
1999	1,843	3.6	3.4	3.7	561	3.6	3.3	3.9
2000	1,957	3.7	3.5	3.8	531	3.4	3.1	3.7
2001	1,889	3.6	3.4	3.7	551	3.6	3.3	3.9
2002	1,908	3.6	3.4	3.8	531	3.5	3.2	3.8
2003	1,890	3.5	3.3	3.7	566	3.7	3.4	4.0

Year	Denominator: Live Births	
	California	LA County
1994	567,034	180,394
1995	551,226	174,862
1996	538,628	168,973
1997	524,174	162,036
1998	521,265	158,604
1999	518,073	156,153
2000	531,285	157,391
2001	527,371	153,523
2002	529,245	151,167
2003	540,827	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

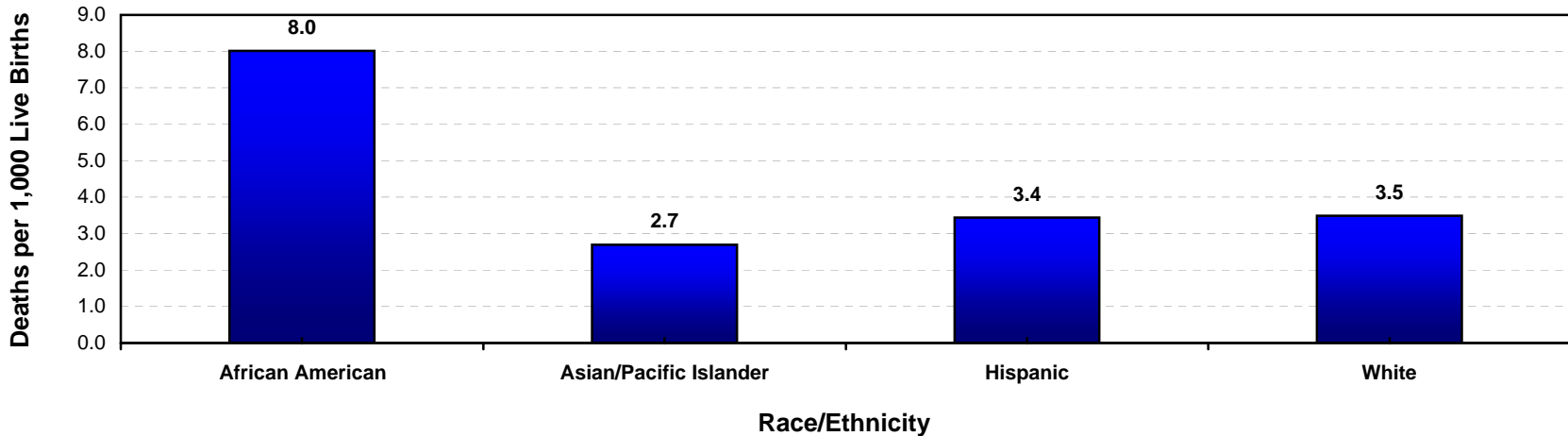
Neonatal Deaths per 1,000 Live Births California vs. Los Angeles County, 1994-2003



Year 2010 Objective: Reduce the neonatal mortality rate to no more than 2.9 per 1,000 live births.

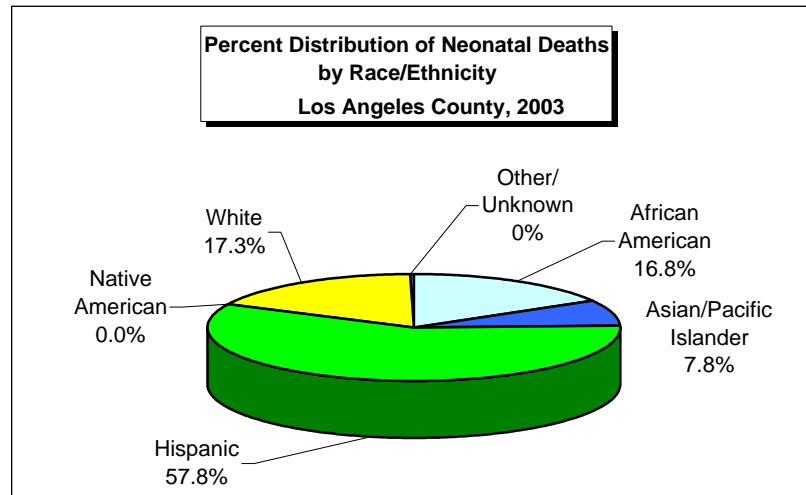
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

Neonatal Mortality Rate by Race/Ethnicity Los Angeles County, 2003



Los Angeles County, 2003				
Race/Ethnicity	Neonatal Mortality		95% Confidence Interval	
	Deaths	Rate	Lower	Upper
African American	95	8.0	6.4	9.6
Asian/Pacific Islander	44	2.7	1.9	3.5
Hispanic	327	3.4	3.1	3.8
Native American	0	N/C	N/C	N/C
White	98	3.5	2.8	4.2
Other/Unknown	2	N/A	N/A	N/A
Total	566	3.7	3.4	4.0

Total Live Births
11,849
16,326
95,070
212
28,060
675
152,192



Year 2010 Objective: Reduce the neonatal mortality rate to no more than 2.9 per 1,000 live births.

Note: Neonatal mortality rate is defined as deaths occurring less than 28 days per 1,000 live births

White, African American, Asian/Pacific Islander, Native American 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 Health Services, Center for Health Statistics, Vital Statistics, 2003.

TITLE V PERINATAL INDICATORS 2003

INDICATOR: Post-neonatal Mortality Rate

DEFINITION: The number of post-neonatal deaths occurring from age 28 through 364 days of age per 1,000 live births

NUMERATOR: The number of post-neonatal deaths occurring from age 28 through 364 days of age, 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:

Reduce the post-neonatal mortality rate to no more than 1.2 per 1,000 live births.
(Baseline: 2.4 per 1,000 live births in 1998) (Objective 16-1e)

RISK FACTORS:

Congenital anomalies; infection in late pregnancy; family history of SIDS; maternal smoking or drug use; young maternal age (teen births); race/ethnicity (African American, Puerto Rican)

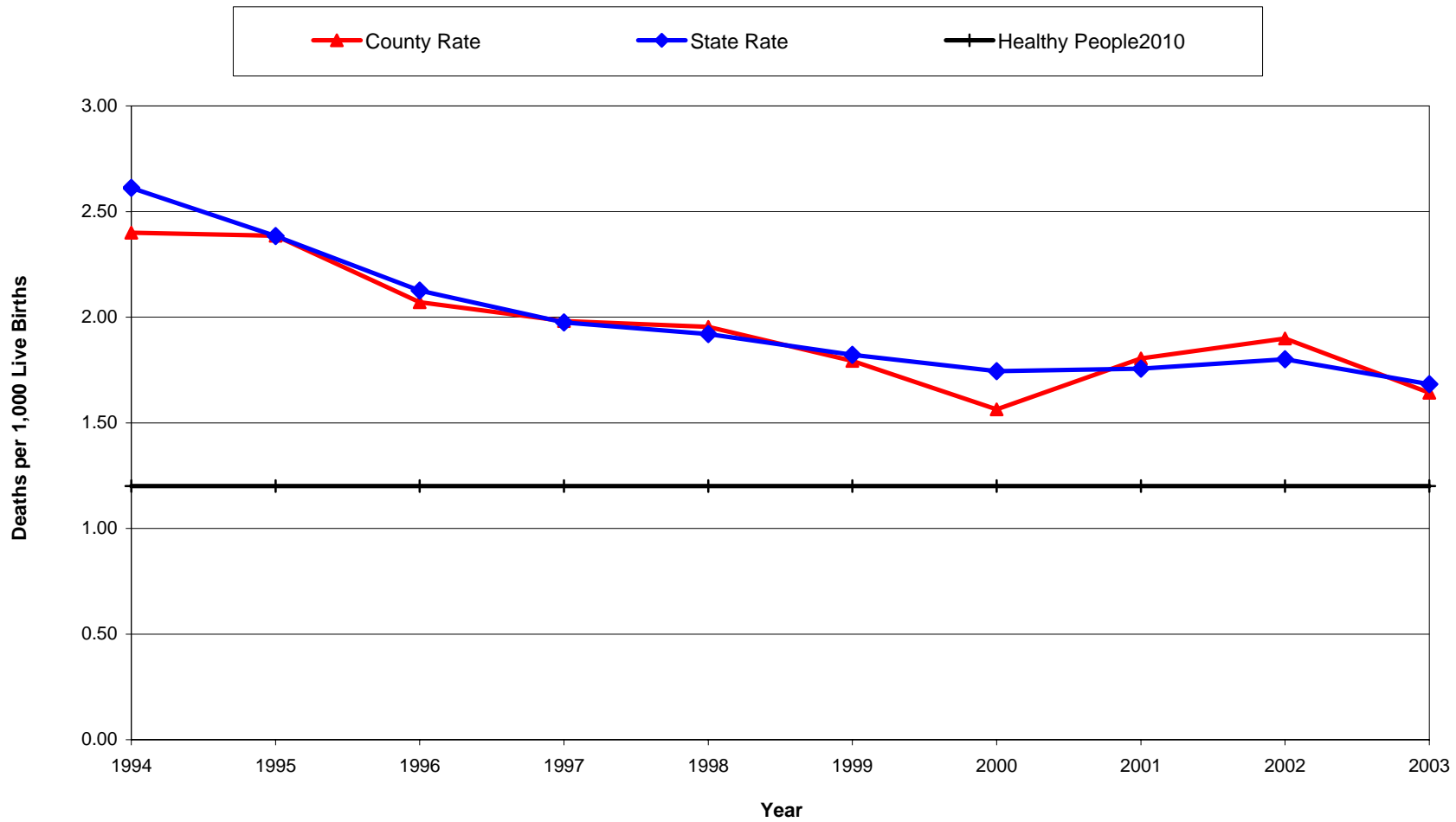
See also risk factors for infant mortality.

Year	California				LA County			
	Post-Neonatal Mortality		95% Confidence Interval		Post-Neonatal Mortality		95% Confidence Interval	
	Deaths	Rate	Lower	Upper	Deaths	Rate	Lower	Upper
1994	1,481	2.6	2.5	2.7	433	2.4	2.2	2.6
1995	1,314	2.4	2.3	2.5	417	2.4	2.2	2.6
1996	1,145	2.1	2.0	2.2	350	2.1	1.9	2.3
1997	1,035	2.0	1.9	2.1	321	2.0	1.8	2.2
1998	1,001	1.9	1.8	2.0	310	2.0	1.7	2.2
1999	944	1.8	1.7	1.9	280	1.8	1.6	2.0
2000	927	1.7	1.6	1.9	246	1.6	1.4	1.8
2001	926	1.8	1.6	1.9	277	1.8	1.6	2.0
2002	953	1.8	1.7	1.9	287	1.9	1.7	2.1
2003	910	1.7	1.6	1.8	250	1.6	1.4	1.8

Year	Denominator: Live Births	
	California	LA County
1994	567,034	180,394
1995	551,226	174,862
1996	538,628	168,973
1997	524,174	162,036
1998	521,265	158,604
1999	518,073	156,153
2000	531,285	157,391
2001	527,371	153,523
2002	529,245	151,167
2003	540,827	152,192

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

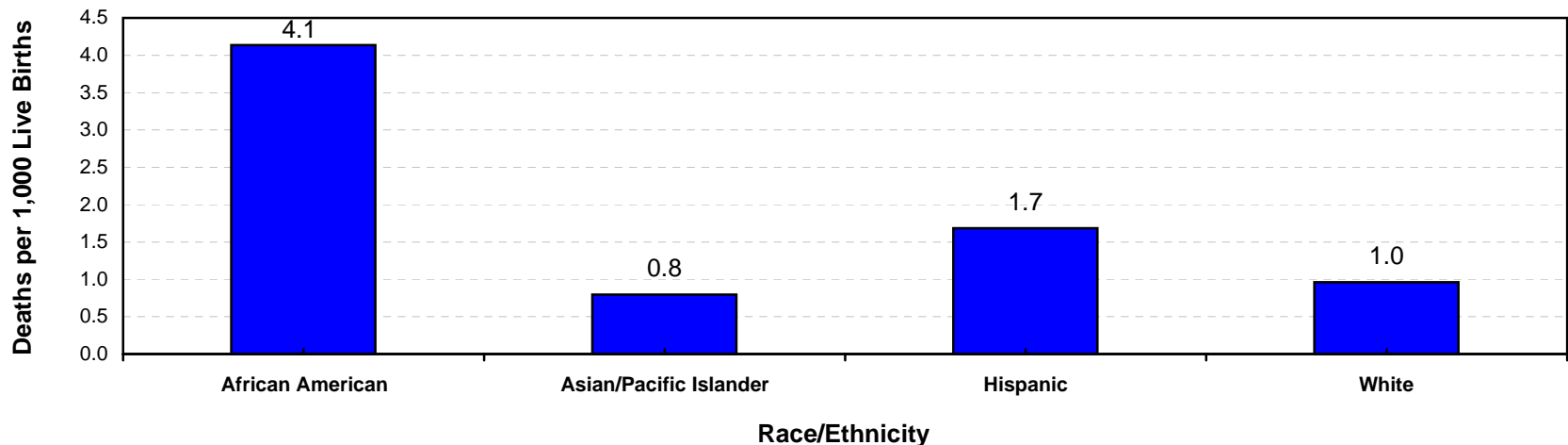
Post-Neonatal Deaths per 1,000 Live Births California vs. Los Angeles County, 1994-2003



Year 2010 Objective: Reduce the neonatal mortality rate to no more than 1.2 per 1,000 live births.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1994-2003.

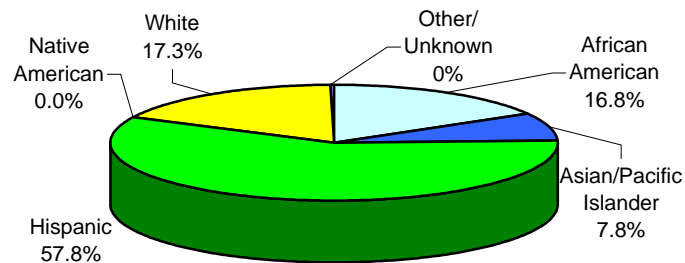
**Post-neonatal Mortality Rate by Race/Ethnicity
Los Angeles County, 2003**



Los Angeles County, 2003				
Race/Ethnicity	Post-Neonatal Mortality		95% Confidence Interval	
	Deaths	Rate	Lower	Upper
African American	49	4.1	3.0	5.3
Asian/Pacific Islander	13	0.8	0.4	1.2
Hispanic	160	1.7	1.4	1.9
Native American	1	N/C	N/C	N/C
White	27	1.0	0.6	1.3
Other/Unknown	0	N/A	N/A	N/A
Total	250	1.6	1.4	1.8

Total Live Births
11,849
16,326
95,070
212
28,060
675
152,192

**Percent Distribution of Post-Neonatal Deaths
by Race/Ethnicity
Los Angeles County, 2003**



Year 2010 Objective: Reduce the post-neonatal mortality rate to no more than 1.2 per 1,000 live births.

Note: Post-neonatal mortality rate is defined as deaths occurring at 28 to 364 days of age per 1,000 live births

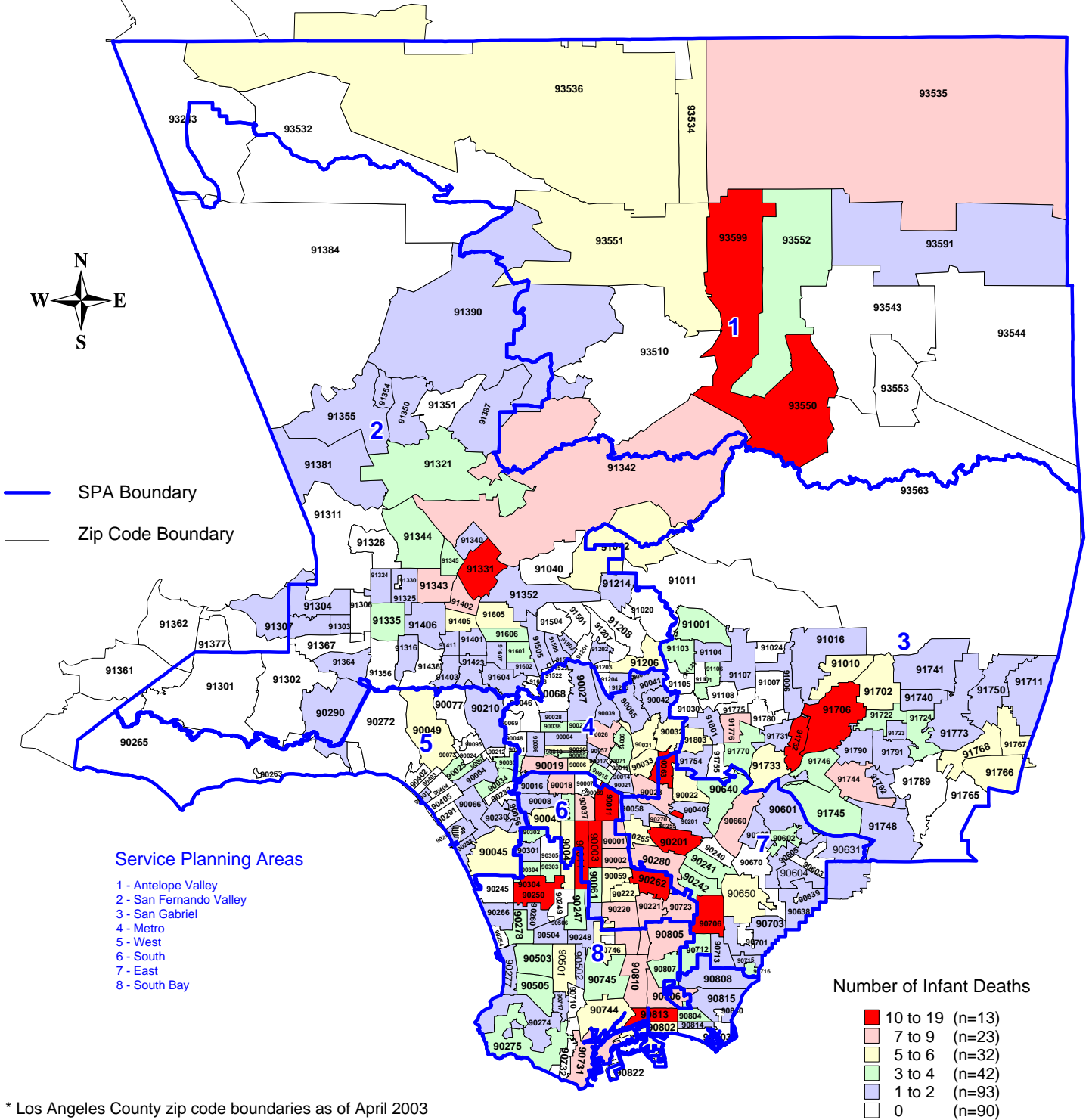
White, African American, Asian/Pacific Islander, Native American and other races exclude Hispanic ethnicity. Hispanic includes any race category.

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 Health Services, Center for Health Statistics, Vital Statistics, 2003.

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

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192
 Total number of infant deaths in Los Angeles County, 2003 = 822

n = total number of zip codes in range

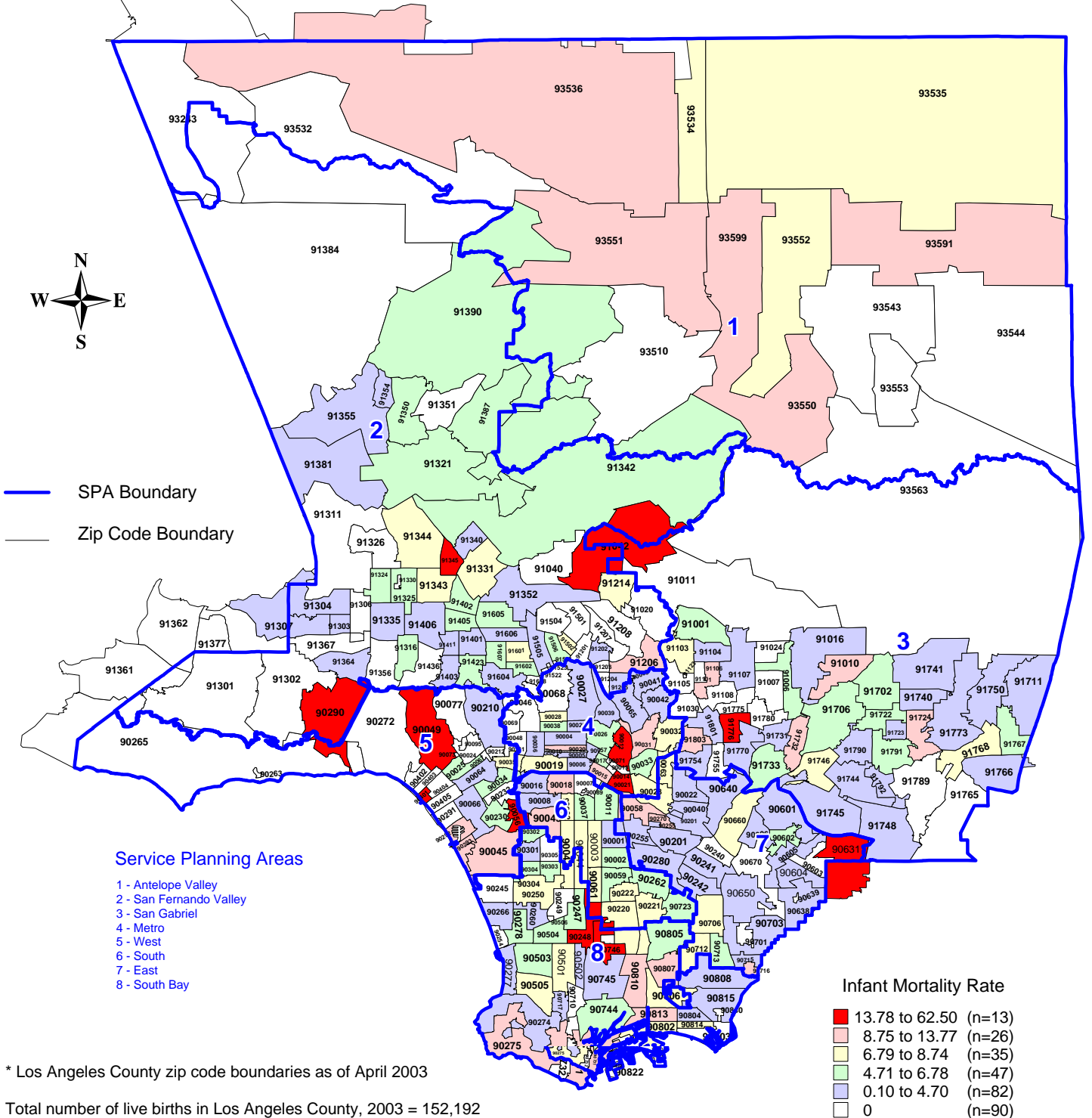
Note: Infant death is defined as death occurring at less than 365 days of age

Source: California Department of Health Services,
 Center for Health Statistics, Vital Statistics, 2003



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

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192
 Infant mortality rate in Los Angeles County, 2003 = 5.4 per 1,000 live births

n = total number of zip codes in range

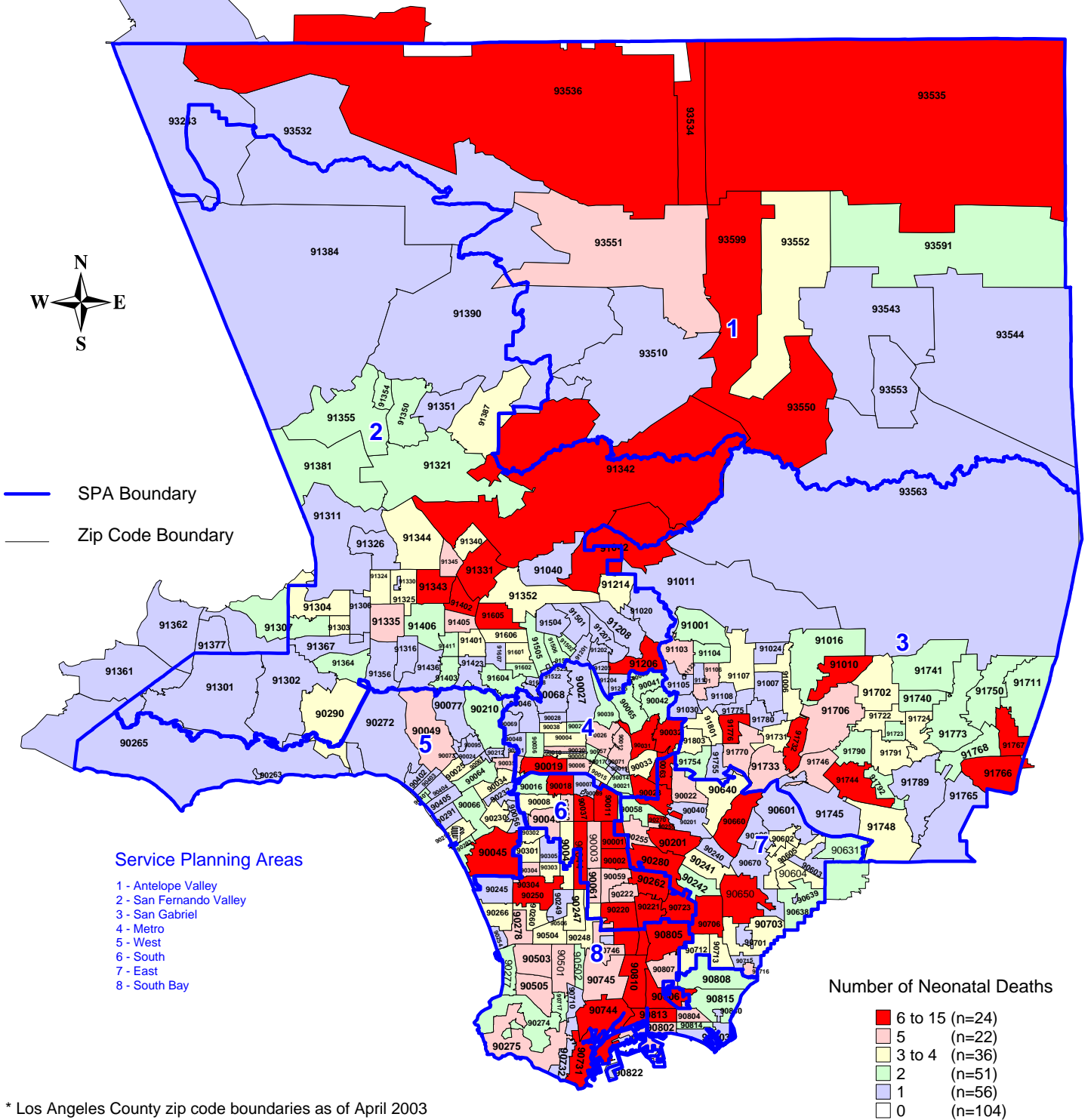
Note: Infant mortality rate is defined as death occurring at less than 365 days of age per 1,000 live births

HP2010 Objective: Reduce the infant mortality rate to no more than 4.5 per 1,000 live births

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

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

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192
 Total number of neonatal deaths in Los Angeles County, 2003 = 566

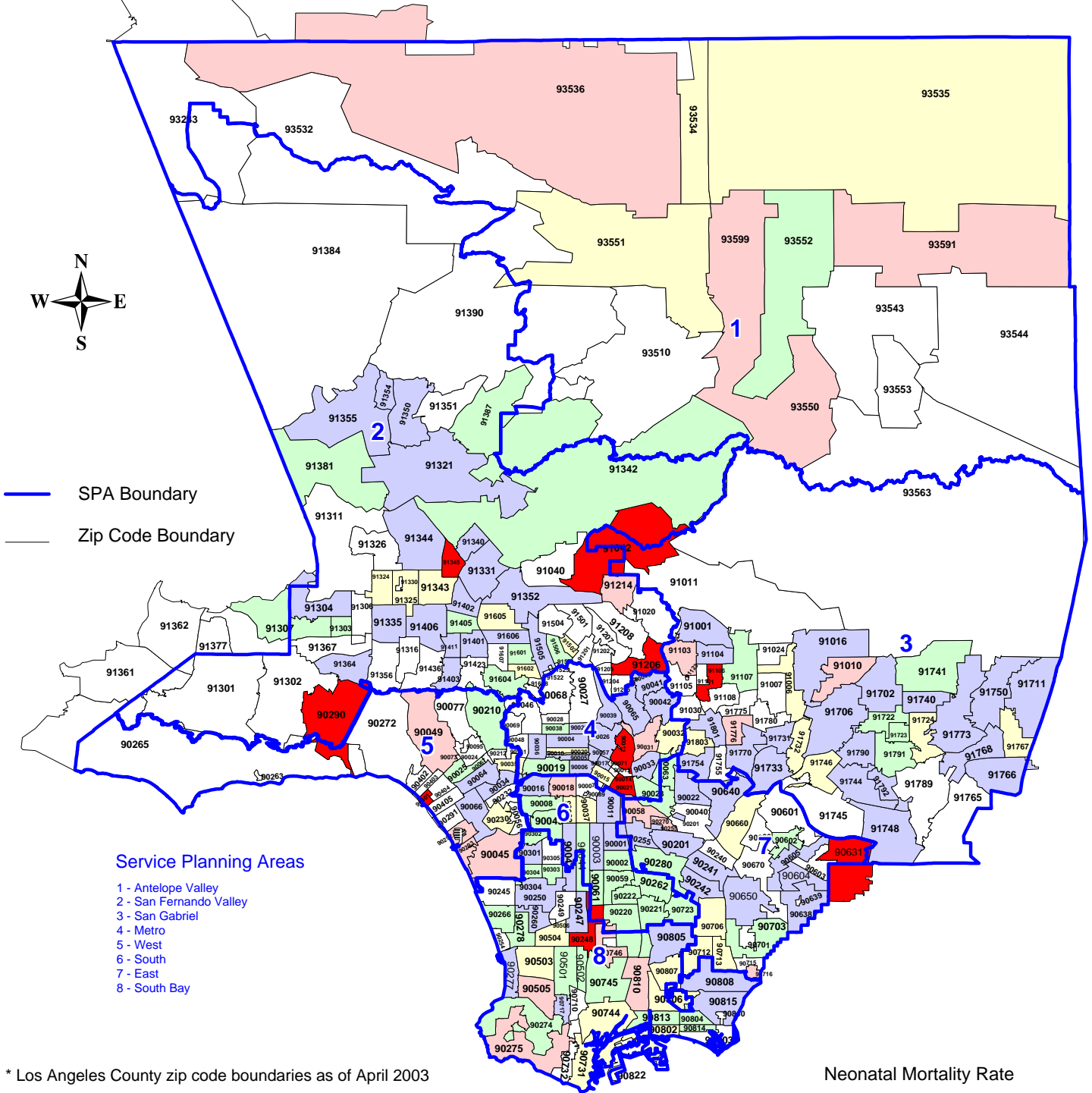
n = total number of zip codes in range

Note: Neonatal death is defined as death occurring at less than 28 days of age

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

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

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192
Neonatal mortality rate in Los Angeles County, 2003 = 3.7 per 1,000 live births

Note: Neonatal mortality rate is defined as death occurring at less than 28 days of age per 1,000 live births

HP2010 Objective: Reduce the neonatal mortality rate to no more than 2.9 per 1,000 live births

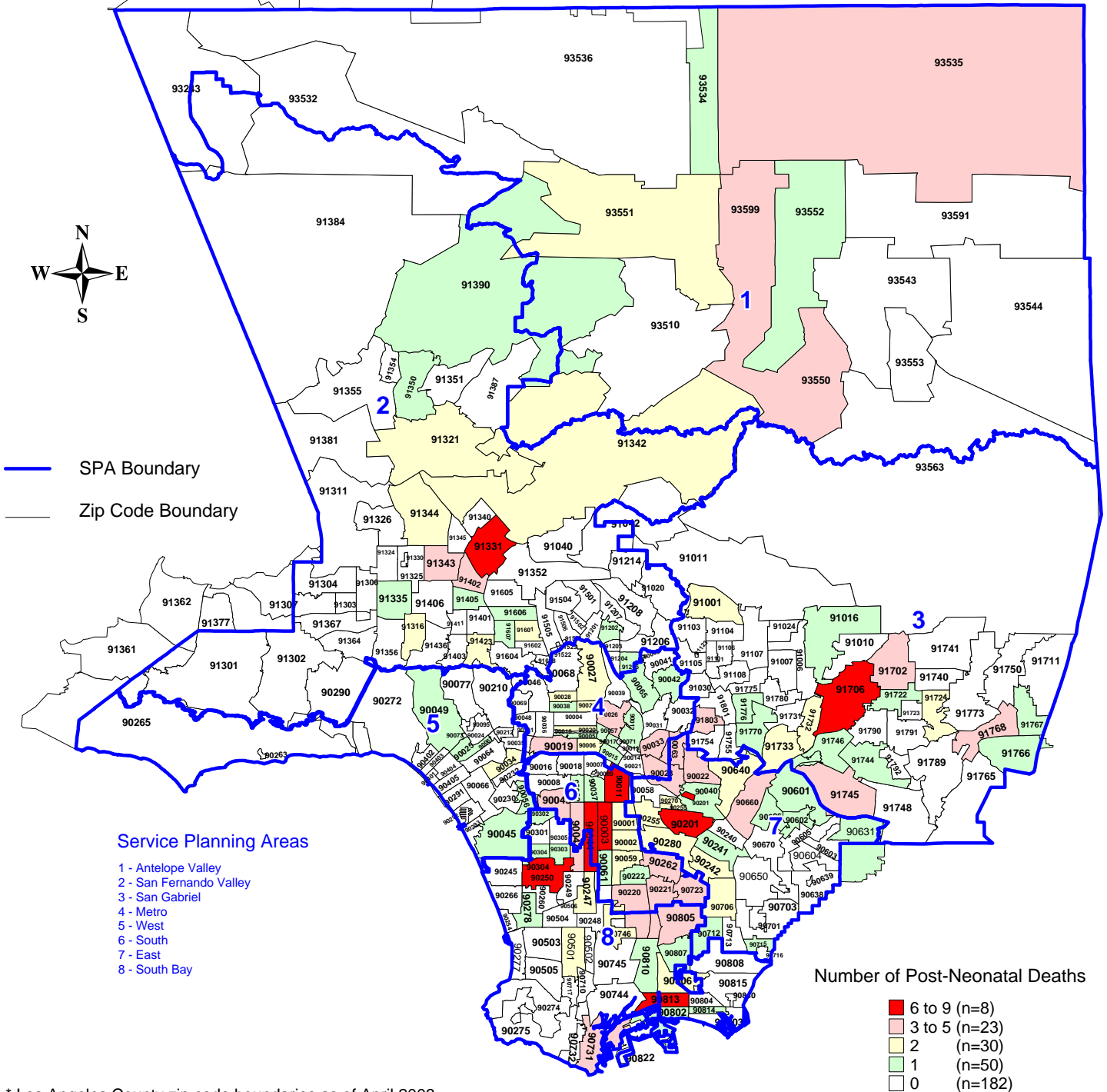
Neonatal Mortality Rate

12.58 to 31.25 (n=11)
8.02 to 12.57 (n=20)
5.10 to 8.01 (n=33)
3.57 to 5.09 (n=47)
0.10 to 3.56 (n=78)
0 (n=104)

n = total number of zip codes in range

Number of Post-Neonatal Deaths by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192
 Total number of post-neonatal deaths in Los Angeles County, 2003 = 250

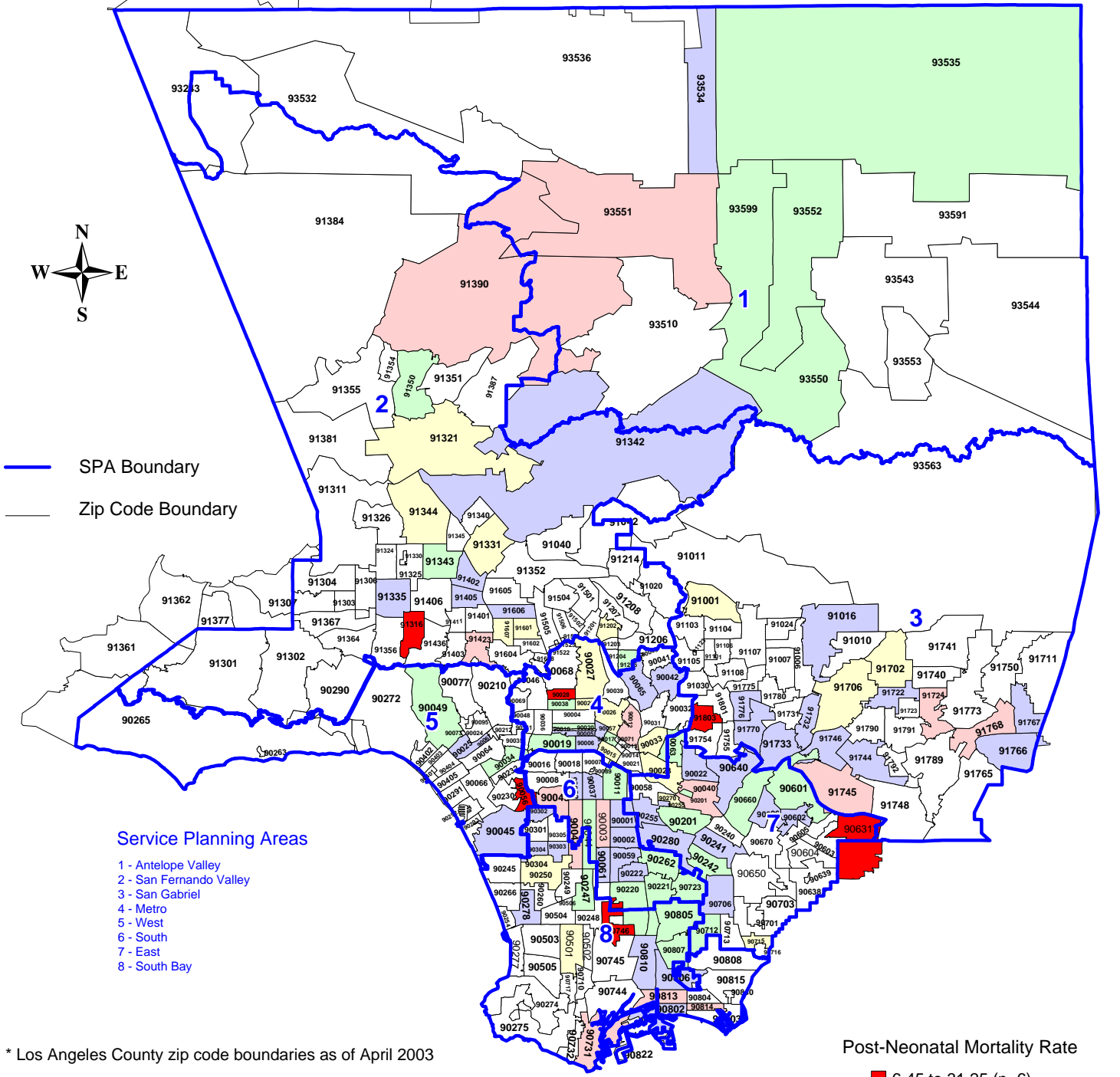
n = total number of zip codes in range

Note: Post-neonatal death is defined as death occurring between 28 and 365 days of age

Source: California Department of Health Services,
 Center for Health Statistics, Vital Statistics, 2003

Post-Neonatal Mortality Rate by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2003



* Los Angeles County zip code boundaries as of April 2003

Total number of live births in Los Angeles County, 2003 = 152,192
 Post-neonatal mortality rate in Los Angeles County, 2003 = 1.6 per 1,000 live births

Note: Post-neonatal mortality rate is defined as death occurring between 28 and 365 days of age per 1,000 live births

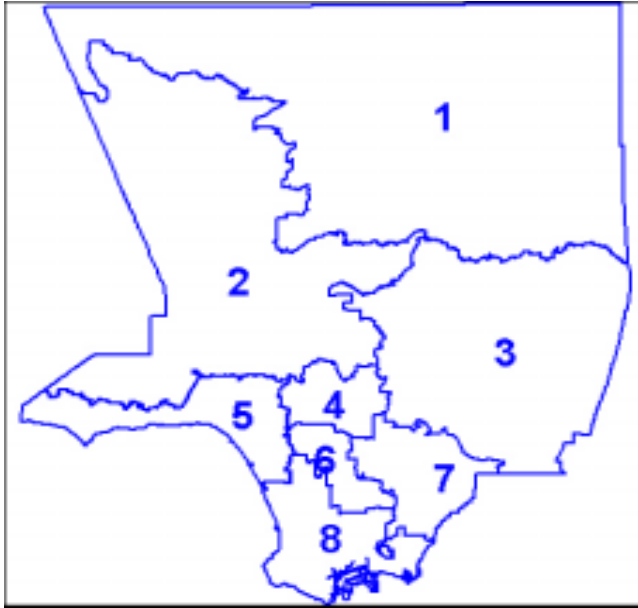
HP2010 Objective: Reduce post-neonatal mortality rate to no more than 1.2 per 1,000 live births

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

Special Reports

SPA-Specific Indicators

Maternal, Child, and Adolescent Health Programs
Selected Perinatal Health Indicators
Los Angeles County, 2003



**First Trimester Onset of Prenatal Care⁶
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	136,610	152,192	89.8
African American	10,056	11,849	84.9
Asian/PI ³	15,011	16,326	91.9
Hispanic	84,523	95,070	88.9
White	26,286	28,060	93.7
Other/Unknown	734	887	N/A

Sum of SPA totals do not add up to Countywide total due to records that can not be assigned to any SPA.
 Sum of gender totals do not add up to countywide total due to records that do not specify gender.

Footnotes:

- ¹ The number of live births per 1,000 total population
- ² The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age
- ³ Asian/PI is Asian and Pacific Islander
- ⁴ Live births weighing less than 2,500 grams
- ⁵ This Analysis excludes those with no prenatal care (n = 586)
- ⁶ The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy
- ⁷ The number of infant deaths occurring at less than 365 days of age per 1,000 live births
- ⁸ The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

**Live Births
by Mother's Race/Ethnicity**

	Number	Population	Rate ¹
Total	152,192	10,035,419	15.2
African American	11,849	933,901	12.7
Asian/PI ³	16,326	1,281,464	12.7
Hispanic	95,070	4,697,968	20.2
White	28,060	3,091,675	9.1
Other/Unknown	887	30,411	N/A

**Low Birthweight (LBW)⁴ Births
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
Total	10,794	152,192	7.1
African American	1,559	11,849	13.2
Asian/PI ³	1,165	16,326	7.1
Hispanic	6,084	95,070	6.4
White	1,883	28,060	6.7
Other/Unknown	103	887	N/A

**Infant Deaths (less than 365 days of age)
by Gender and Race/Ethnicity**

	Number	Live Births	Rate ⁷
Total	822	152,192	5.4
Gender			
Male	443	77,947	5.7
Female	379	74,241	5.1
Race/Ethnicity			
African American	145	11,849	12.2
Asian/PI ³	57	16,326	3.5
Hispanic	490	95,070	5.2
White	126	28,060	4.5
Other/Unknown	4	887	N/A

**Live Births Among Teen Girls aged 15-19
by Mother's Race/Ethnicity**

	Number	Population	Rate ²
Total	13,997	354,600	39.5
African American	1,504	38,494	39.1
Asian/PI ³	295	41,735	7.1
Hispanic	11,322	189,783	59.7
White	833	83,510	10.0
Other/Unknown	43	1,078	N/A

**Source of Payment
for Prenatal Care⁵**

	Number	Live Births	Percent
Total	151,606	151,606	100.0
Medi-Cal	78,731	151,606	51.9
Prepaid	39,599	151,606	26.1
Private	29,660	151,606	19.6
No Insurance	2,483	151,606	1.6
Other/Unknown	1,133	151,606	N/A

**Fetal Deaths (20 weeks or more)
by Gender and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate ⁸
Total	756	152,948	4.9
Gender			
Male	378	78,325	4.8
Female	372	74,613	5.0
Race/Ethnicity			
African American	117	11,966	9.8
Asian/PI ³	72	16,398	4.4
Hispanic	460	95,530	4.8
White	103	28,163	3.7
Other/Unknown	4	891	N/A

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

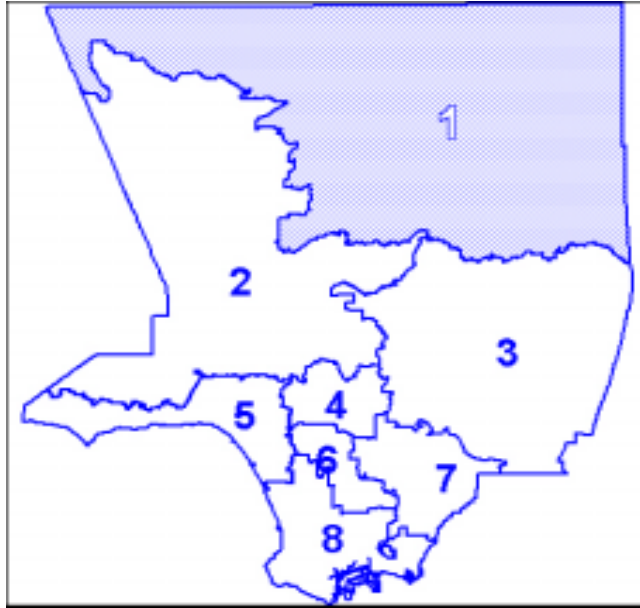
July 1, 2003 Population Estimates prepared by Walter R. McDonald & Associates, Inc. (WRMA) for Urban Research, LA County CAO released May 2005

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

The mothers' residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 2001) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. P

Selected Perinatal Health Indicators

Antelope Valley Service Planning Area (SPA 1), Los Angeles County, 2003



**First Trimester Onset of Prenatal Care⁶
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	4,198	4,948	84.8
African American	643	789	81.5
Asian/PI ³	126	135	93.3
Hispanic	1,952	2,342	83.3
White	1,448	1,648	87.9
Other/Unknown	29	34	N/A

**Live Births
by Mother's Race/Ethnicity**

	Number	Population	Rate ¹
Total	4,948	328,334	15.1
African American	789	43,268	18.2
Asian/PI ³	135	11,873	11.4
Hispanic	2,342	103,366	22.7
White	1,648	167,589	9.8
Other/Unknown	34	2,238	N/A

**Live Births Among Teen Girls aged 15-19
by Mother's Race/Ethnicity**

	Number	Population	Rate ²
Total	654	15,223	43.0
African American	151	2,382	63.4
Asian/PI ³	4	461	N/C
Hispanic	333	5,228	63.7
White	162	7,046	23.0
Other/Unknown	4	106	N/A

**Low Birthweight (LBW)⁴ Births
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
Total	386	4,948	7.8
African American	96	789	12.2
Asian/PI ³	11	135	8.1
Hispanic	161	2,342	6.9
White	109	1,648	6.6
Other/Unknown	9	34	N/A

**Source of Payment
for Prenatal Care⁵**

	Number	Live Births	Percent
Total	4,907	4,907	100.0
Medi-Cal	2,499	4,907	50.9
Prepaid	1,562	4,907	31.8
Private	686	4,907	14.0
No Insurance	133	4,907	2.7
Other/Unknown	27	4,907	N/A

**Infant Deaths (less than 365 days of age)
by Gender and Race/Ethnicity**

	Number	Live Births	Rate ⁷
Total	48	4,948	9.7
Gender			
Male	27	2,460	11.0
Female	21	2,487	8.4
Race/Ethnicity			
African American	13	789	16.5
Asian/PI ³	1	135	N/C
Hispanic	26	2,342	11.1
White	8	1,648	4.9
Other/Unknown	0	34	N/A

**Fetal Deaths (20 weeks or more)
by Gender and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate ⁸
Total	20	4,968	4.0
Gender			
Male	10	2,470	4.0
Female	10	2,497	4.0
Race/Ethnicity			
African American	8	797	10.0
Asian/PI ³	1	136	N/C
Hispanic	5	2,347	2.1
White	6	1,654	3.6
Other/Unknown	0	34	N/A

Footnotes:

¹ The number of live births per 1,000 total population

² The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age

³ Asian/PI is Asian and Pacific Islander

⁴ Live births weighing less than 2,500 grams

⁵ This Analysis excludes those with no prenatal care (n = 41)

⁶ The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy

⁷ The number of infant deaths occurring at less than 365 days of age per 1,000 live births

⁸ The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

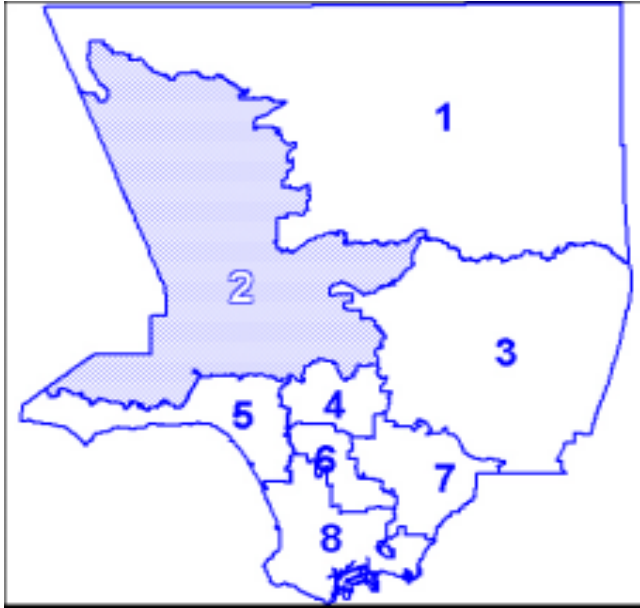
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003

July 1, 2003 Population Estimates prepared by Walter R. McDonald & Associates, Inc. (WRMA) for Urban Research, LA County CAO released May 2005

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

The mothers' residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 2001) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. P

Selected Perinatal Health Indicators
San Fernando Service Planning Area (SPA 2), Los Angeles County, 2003



**First Trimester Onset of Prenatal Care⁶
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	27,172	29,318	92.7
African American	805	890	90.4
Asian/PI ³	2,682	2,882	93.1
Hispanic	14,447	15,885	90.9
White	9,088	9,487	95.8
Other/Unknown	150	174	N/A

**Live Births
by Mother's Race/Ethnicity**

	Number	Population	Rate ¹
Total	29,318	2,088,024	14.0
African American	890	71,843	12.4
Asian/PI ³	2,882	209,925	13.7
Hispanic	15,885	792,239	20.1
White	9,487	1,007,971	9.4
Other/Unknown	174	6,046	N/A

**Live Births Among Teen Girls aged 15-19
by Mother's Race/Ethnicity**

	Number	Population	Rate ²
Total	1,886	69,850	27.0
African American	68	2,800	24.3
Asian/PI ³	35	6,974	5.0
Hispanic	1,635	31,067	52.6
White	141	28,817	4.9
Other/Unknown	7	192	N/A

**Low Birthweight (LBW)⁴ Births
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
Total	1,944	29,318	6.6
African American	115	890	12.9
Asian/PI ³	225	2,882	7.8
Hispanic	957	15,885	6.0
White	630	9,487	6.6
Other/Unknown	17	174	N/A

**Source of Payment
for Prenatal Care⁵**

	Number	Live Births	Percent
Total	29,214	29,214	100.0
Medi-Cal	12,603	29,214	43.1
Prepaid	8,065	29,214	27.6
Private	8,064	29,214	27.6
No Insurance	364	29,214	1.2
Other/Unknown	118	29,214	N/A

**Infant Deaths (less than 365 days of age)
by Gender and Race/Ethnicity**

	Number	Live Births	Rate ⁷
Total	126	29,318	4.3
Gender			
Male	67	14,917	4.5
Female	59	14,400	4.1
Race/Ethnicity			
African American	8	890	9.0
Asian/PI ³	12	2,882	4.2
Hispanic	67	15,885	4.2
White	39	9,487	4.1
Other/Unknown	0	174	N/A

**Fetal Deaths (20wks or more)
by Gender and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate ⁸
Total	132	29,450	4.5
Gender			
Male	54	14,971	3.6
Female	78	14,478	5.4
Race/Ethnicity			
African American	3	893	N/C
Asian/PI ³	17	2,899	5.9
Hispanic	86	15,971	5.4
White	25	9,512	2.6
Other/Unknown	1	175	N/A

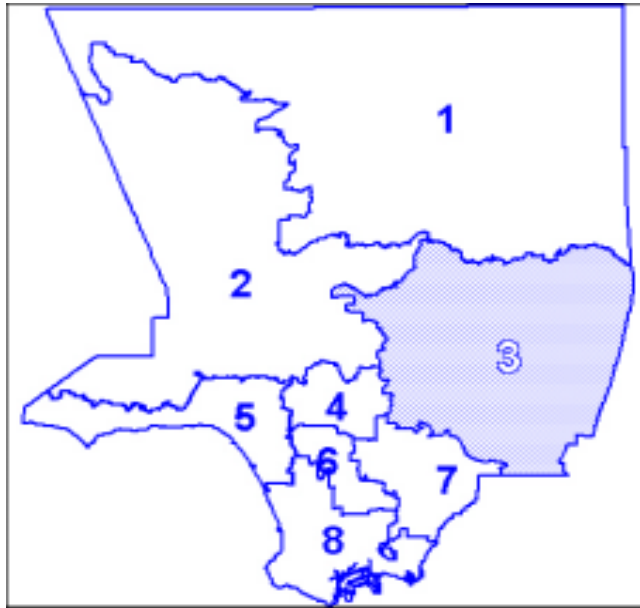
Footnotes:

- ¹ The number of live births per 1,000 total population
- ² The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age
- ³ Asian/PI is Asian and Pacific Islander
- ⁴ Live births weighing less than 2,500 grams
- ⁵ This Analysis excludes those with no prenatal care (n = 104)
- ⁶ The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy
- ⁷ The number of infant deaths occurring at less than 365 days of age per 1,000 live births
- ⁸ The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003
July 1, 2003 Population Estimates prepared by Walter R. McDonald & Associates, Inc. (WRMA) for Urban Research, LA County CAO released May 2005

Note: Rates are not calculated (N/C) if fewer than five cases. Rates are not applicable (N/A) in the "Unknown" category.
The mothers' residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 2001) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. P

**Selected Perinatal Health Indicators
San Gabriel Service Planning Area (SPA 3), Los Angeles County, 2003**



**First Trimester Onset of Prenatal Care⁶
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	23,339	25,841	90.3
African American	680	820	82.9
Asian/PI ³	4,899	5,278	92.8
Hispanic	14,170	15,798	89.7
White	3,500	3,820	91.6
Other/Unknown	90	125	N/A

**Live Births
by Mother's Race/Ethnicity**

	Number	Population	Rate ¹
Total	25,841	1,822,807	14.2
African American	820	83,387	9.8
Asian/PI ³	5,278	432,283	12.2
Hispanic	15,798	833,318	19.0
White	3,820	468,429	8.2
Other/Unknown	125	5,390	N/A

**Live Births Among Teen Girls aged 15-19
by Mother's Race/Ethnicity**

	Number	Population	Rate ²
Total	2,161	67,868	31.8
African American	92	3,671	25.1
Asian/PI ³	64	14,385	4.4
Hispanic	1,853	35,569	52.1
White	149	14,063	10.6
Other/Unknown	3	180	N/A

**Low Birthweight (LBW)⁴ Births
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
Total	1,761	25,841	6.8
African American	111	820	13.5
Asian/PI ³	353	5,278	6.7
Hispanic	1,034	15,798	6.5
White	249	3,820	6.5
Other/Unknown	14	125	N/A

**Source of Payment
for Prenatal Care⁵**

	Number	Live Births	Percent
Total	25,750	25,750	100.0
Medi-Cal	11,123	25,750	43.2
Prepaid	8,731	25,750	33.9
Private	4,873	25,750	18.9
No Insurance	771	25,750	3.0
Other/Unknown	252	25,750	N/A

**Infant Deaths (less than 365 days of age)
by Gender and Race/Ethnicity**

	Number	Live Births	Rate ⁷
Total	127	25,841	4.9
Gender			
Male	68	13,271	5.1
Female	59	12,568	4.7
Race/Ethnicity			
African American	9	820	11.0
Asian/PI ³	11	5,278	2.1
Hispanic	91	15,798	5.8
White	16	3,820	4.2
Other/Unknown	0	125	N/A

**Fetal Deaths (20wks or more)
by Gender and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate ⁸
Total	108	25,949	4.2
Gender			
Male	40	13,311	3.0
Female	67	12,635	5.3
Race/Ethnicity			
African American	8	828	9.7
Asian/PI ³	12	5,290	2.3
Hispanic	69	15,867	4.3
White	18	3,838	4.7
Other/Unknown	1	126	N/A

Footnotes:

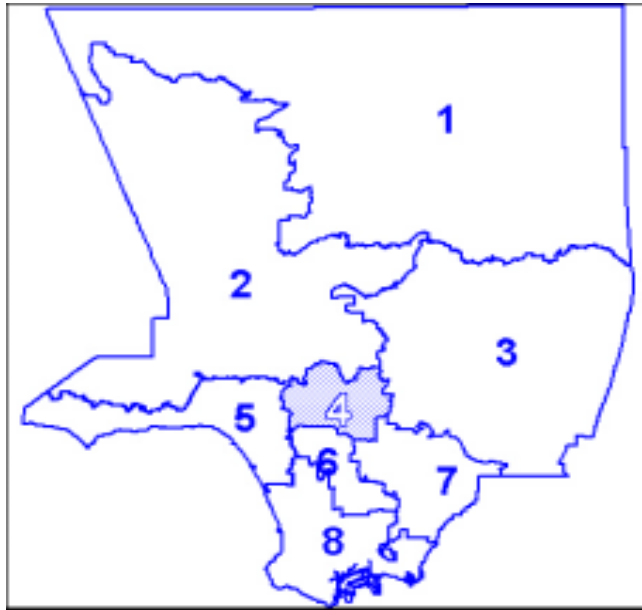
- ¹ The number of live births per 1,000 total population
- ² The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age
- ³ Asian/PI is Asian and Pacific Islander
- ⁴ Live births weighing less than 2,500 grams
- ⁵ This Analysis excludes those with no prenatal care (n = 91)
- ⁶ The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy
- ⁷ The number of infant deaths occurring at less than 365 days of age per 1,000 live births
- ⁸ The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003
July 1, 2003 Population Estimates prepared by Walter R. McDonald & Associates, Inc. (WRMA) for Urban Research, LA County CAO released May 2005

Note: Rates are not calculated (N/C) if fewer than five cases. Rates are not applicable (N/A) in the "Unknown" category.
The mothers' residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 2001) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. P

Los Angeles County Department of Health Services
Maternal, Child, and Adolescent Health Programs

Selected Perinatal Health Indicators
Metro Service Planning Area (SPA 4), Los Angeles County, 2003



**First Trimester Onset of Prenatal Care⁶
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	15,515	17,153	90.5
African American	513	612	83.8
Asian/PI ³	2,094	2,283	91.7
Hispanic	10,944	12,163	90.0
White	1,920	2,037	94.3
Other/Unknown	44	58	N/A

**Live Births
by Mother's Race/Ethnicity**

	Number	Population	Rate ¹
Total	17,153	1,217,878	14.1
African American	612	71,646	8.5
Asian/PI ³	2,283	194,400	11.7
Hispanic	12,163	685,595	17.7
White	2,037	262,559	7.8
Other/Unknown	58	3,678	N/A

**Live Births Among Teen Girls aged 15-19
by Mother's Race/Ethnicity**

	Number	Population	Rate ²
Total	1,656	34,213	48.4
African American	78	1,757	44.4
Asian/PI ³	33	4,584	7.2
Hispanic	1,505	23,881	63.0
White	38	3,882	9.8
Other/Unknown	2	109	N/A

**Low Birthweight (LBW)⁴ Births
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
Total	1,178	17,153	6.9
African American	80	612	13.1
Asian/PI ³	147	2,283	6.4
Hispanic	818	12,163	6.7
White	127	2,037	6.2
Other/Unknown	6	58	N/A

**Source of Payment
for Prenatal Care⁵**

	Number	Live Births	Percent
Total	17,099	17,099	100.0
Medi-Cal	10,726	17,099	62.7
Prepaid	3,339	17,099	19.5
Private	2,562	17,099	15.0
No Insurance	352	17,099	2.1
Other/Unknown	120	17,099	N/A

**Infant Deaths (less than 365 days of age)
by Gender and Race/Ethnicity**

	Number	Live Births	Rate ⁷
Total	87	17,153	5.1
Gender			
Male	54	8,927	6.0
Female	33	8,226	4.0
Race/Ethnicity			
African American	4	612	N/C
Asian/PI ³	7	2,283	3.1
Hispanic	66	12,163	5.4
White	9	2,037	4.4
Other/Unknown	1	58	N/A

**Fetal Deaths (20wks or more)
by Gender and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate ⁸
Total	95	17,248	5.5
Gender			
Male	63	8,990	7.0
Female	31	8,257	3.8
Race/Ethnicity			
African American	4	616	N/C
Asian/PI ³	14	2,297	6.1
Hispanic	69	12,232	5.6
White	8	2,045	3.9
Other/Unknown	0	58	N/A

Footnotes:

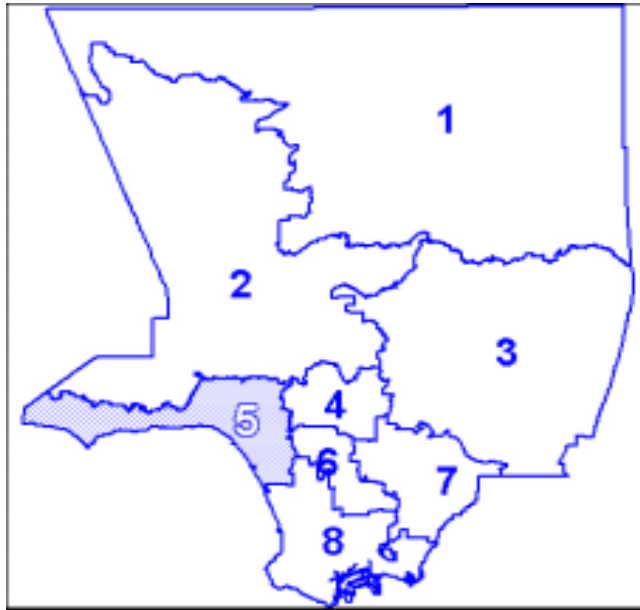
- ¹ The number of live births per 1,000 total population
- ² The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age
- ³ Asian/PI is Asian and Pacific Islander
- ⁴ Live births weighing less than 2,500 grams
- ⁵ This Analysis excludes those with no prenatal care (n = 54)
- ⁶ The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy
- ⁷ The number of infant deaths occurring at less than 365 days of age per 1,000 live births
- ⁸ The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003
July 1, 2003 Population Estimates prepared by Walter R. McDonald & Associates, Inc. (WRMA) for Urban Research, LA County CAO released May 2005

Note: Rates are not calculated (N/C) if fewer than five cases. Rates are not applicable (N/A) in the "Unknown" category.
The mothers' residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 2001) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. P

Los Angeles County Department of Health Services
Maternal, Child, and Adolescent Health Programs

**Selected Perinatal Health Indicators
West Service Planning Area (SPA 5), Los Angeles County, 2003**



**First Trimester Onset of Prenatal Care⁶
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	6,524	6,889	94.7
African American	393	441	89.1
Asian/PI ³	831	870	95.5
Hispanic	1,467	1,575	93.1
White	3,682	3,838	95.9
Other/Unknown	151	165	N/A

**Live Births
by Mother's Race/Ethnicity**

	Number	Population	Rate ¹
Total	6,889	640,883	10.7
African American	441	42,608	10.4
Asian/PI ³	870	75,552	11.5
Hispanic	1,575	113,746	13.8
White	3,838	407,436	9.4
Other/Unknown	165	1,541	N/A

**Live Births Among Teen Girls aged 15-19
by Mother's Race/Ethnicity**

	Number	Population	Rate ²
Total	167	17,136	9.7
African American	28	1,377	20.3
Asian/PI ³	1	2,593	N/C
Hispanic	108	3,921	27.5
White	22	9,214	2.4
Other/Unknown	8	31	N/A

**Low Birthweight (LBW)⁴ Births
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
Total	487	6,889	7.1
African American	51	441	11.6
Asian/PI ³	66	870	7.6
Hispanic	79	1,575	5.0
White	281	3,838	7.3
Other/Unknown	10	165	N/A

**Source of Payment
for Prenatal Care⁵**

	Number	Live Births	Percent
Total	6,882	6,882	100.0
Medi-Cal	1,346	6,882	19.6
Prepaid	2,037	6,882	29.6
Private	3,343	6,882	48.6
No Insurance	115	6,882	1.7
Other/Unknown	41	6,882	N/A

**Infant Deaths (less than 365 days of age)
by Gender and Race/Ethnicity**

	Number	Live Births	Rate ⁷
Total	31	6,889	4.5
Gender			
Male	20	3,535	5.7
Female	11	3,354	3.3
Race/Ethnicity			
African American	5	441	11.3
Asian/PI ³	2	870	N/C
Hispanic	5	1,575	3.2
White	19	3,838	5.0
Other/Unknown	0	165	N/A

**Fetal Deaths (20wks or more)
by Gender and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate ⁸
Total	30	6,919	4.3
Gender			
Male	12	3,547	3.4
Female	18	3,372	5.3
Race/Ethnicity			
African American	2	443	N/C
Asian/PI ³	6	876	6.8
Hispanic	10	1,585	6.3
White	12	3,850	3.1
Other/Unknown	0	165	N/A

Footnotes:

- ¹ The number of live births per 1,000 total population
- ² The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age
- ³ Asian/PI is Asian and Pacific Islander
- ⁴ Live births weighing less than 2,500 grams
- ⁵ This Analysis excludes those with no prenatal care (n = 7)
- ⁶ The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy
- ⁷ The number of infant deaths occurring at less than 365 days of age per 1,000 live births
- ⁸ The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003
July 1, 2003 Population Estimates prepared by Walter R. McDonald & Associates, Inc. (WRMA) for Urban Research, LA County CAO released May 2005

Note: Rates are not calculated (N/C) if fewer than five cases. Rates are not applicable (N/A) in the "Unknown" category.
The mothers' residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 2001) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. P

Los Angeles County Department of Health Services
Maternal, Child, and Adolescent Health Programs

Selected Perinatal Health Indicators
South Service Planning Area (SPA 6), Los Angeles County, 2003



**First Trimester Onset of Prenatal Care⁶
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	19,050	22,231	85.7
African American	4,019	4,869	82.5
Asian/PI ³	177	213	83.1
Hispanic	14,557	16,740	87.0
White	237	324	73.1
Other/Unknown	60	85	N/A

**Live Births
by Mother's Race/Ethnicity**

	Number	Population	Rate ¹
Total	22,231	1,007,955	22.1
African American	4,869	336,084	14.5
Asian/PI ³	213	16,599	12.8
Hispanic	16,740	631,289	26.5
White	324	22,153	14.6
Other/Unknown	85	1,830	N/A

**Live Births Among Teen Girls aged 15-19
by Mother's Race/Ethnicity**

	Number	Population	Rate ²
Total	3,262	43,853	74.4
African American	759	14,173	53.6
Asian/PI ³	8	615	13.0
Hispanic	2,432	27,928	87.1
White	53	1,053	50.3
Other/Unknown	10	84	N/A

**Low Birthweight (LBW)⁴ Births
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
Total	1,873	22,231	8.4
African American	713	4,869	14.6
Asian/PI ³	24	213	11.3
Hispanic	1,095	16,740	6.5
White	32	324	9.9
Other/Unknown	9	85	N/A

**Source of Payment
for Prenatal Care⁵**

	Number	Live Births	Percent
Total	22,131	22,131	100.0
Medi-Cal	16,765	22,131	75.8
Prepaid	3,538	22,131	16.0
Private	1,500	22,131	6.8
No Insurance	174	22,131	0.8
Other/Unknown	154	22,131	N/A

**Infant Deaths (less than 365 days of age)
by Gender and Race/Ethnicity**

	Number	Live Births	Rate ⁷
Total	145	22,231	6.5
Gender			
Male	77	11,400	6.8
Female	68	10,831	6.3
Race/Ethnicity			
African American	59	4,869	12.1
Asian/PI ³	1	213	N/C
Hispanic	83	16,740	5.0
White	2	324	N/C
Other/Unknown	0	85	N/A

**Fetal Deaths (20wks or more)
by Gender and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate ⁸
Total	127	22,358	5.7
Gender			
Male	56	11,456	4.9
Female	69	10,900	6.3
Race/Ethnicity			
African American	58	4,927	11.8
Asian/PI ³	1	214	N/C
Hispanic	66	16,806	3.9
White	2	326	N/C
Other/Unknown	0	85	N/A

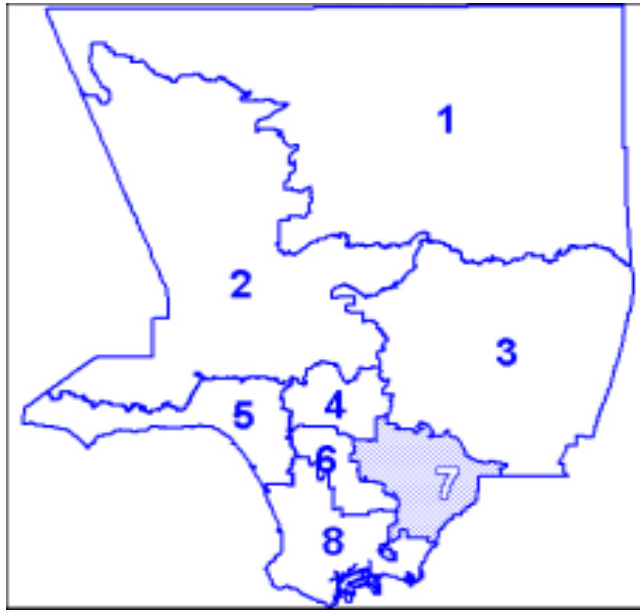
Footnotes:

- ¹ The number of live births per 1,000 total population
- ² The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age
- ³ Asian/PI is Asian and Pacific Islander
- ⁴ Live births weighing less than 2,500 grams
- ⁵ This Analysis excludes those with no prenatal care (n = 100)
- ⁶ The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy
- ⁷ The number of infant deaths occurring at less than 365 days of age per 1,000 live births
- ⁸ The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003
July 1, 2003 Population Estimates prepared by Walter R. McDonald & Associates, Inc. (WRMA) for Urban Research, LA County CAO released May 2005

Note: Rates are not calculated (N/C) if fewer than five cases. Rates are not applicable (N/A) in the "Unknown" category.
The mothers' residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 2001) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. P

Selected Perinatal Health Indicators
South Service Planning Area (SPA 7), Los Angeles County, 2003



**First Trimester Onset of Prenatal Care⁶
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	19,459	22,162	87.8
African American	390	440	88.6
Asian/PI ³	1,198	1,319	90.8
Hispanic	16,063	18,383	87.4
White	1,754	1,958	89.6
Other/Unknown	54	62	N/A

**Live Births
by Mother's Race/Ethnicity**

	Number	Population	Rate ¹
Total	22,162	1,354,393	16.4
African American	440	36,346	12.1
Asian/PI ³	1,319	114,531	11.5
Hispanic	18,383	953,041	19.3
White	1,958	245,983	8.0
Other/Unknown	62	4,492	N/A

**Live Births Among Teen Girls aged 15-19
by Mother's Race/Ethnicity**

	Number	Population	Rate ²
Total	2,294	52,286	43.9
African American	38	1,753	21.7
Asian/PI ³	23	4,072	5.6
Hispanic	2,093	38,878	53.8
White	136	7,419	18.3
Other/Unknown	4	164	N/A

**Low Birthweight (LBW)⁴ Births
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
Total	1,444	22,162	6.5
African American	61	440	13.9
Asian/PI ³	90	1,319	6.8
Hispanic	1,148	18,383	6.2
White	135	1,958	6.9
Other/Unknown	10	62	N/A

**Source of Payment
for Prenatal Care⁵**

	Number	Live Births	Percent
Total	22,077	22,077	100.0
Medi-Cal	12,388	22,077	56.1
Prepaid	5,855	22,077	26.5
Private	3,418	22,077	15.5
No Insurance	263	22,077	1.2
Other/Unknown	153	22,077	N/A

**Infant Deaths (less than 365 days of age)
by Gender and Race/Ethnicity**

	Number	Live Births	Rate ⁷
Total	107	22,162	4.8
Gender			
Male	48	11,350	4.2
Female	59	10,812	5.5
Race/Ethnicity			
African American	9	440	20.5
Asian/PI ³	4	1,319	N/C
Hispanic	87	18,383	4.7
White	6	1,958	3.1
Other/Unknown	1	62	N/A

**Fetal Deaths (20wks or more)
by Gender and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate ⁸
Total	124	22,286	5.6
Gender			
Male	80	11,430	7.0
Female	43	10,855	4.0
Race/Ethnicity			
African American	2	442	N/C
Asian/PI ³	7	1,326	5.3
Hispanic	104	18,487	5.6
White	9	1,967	4.6
Other/Unknown	2	64	N/A

Footnotes:

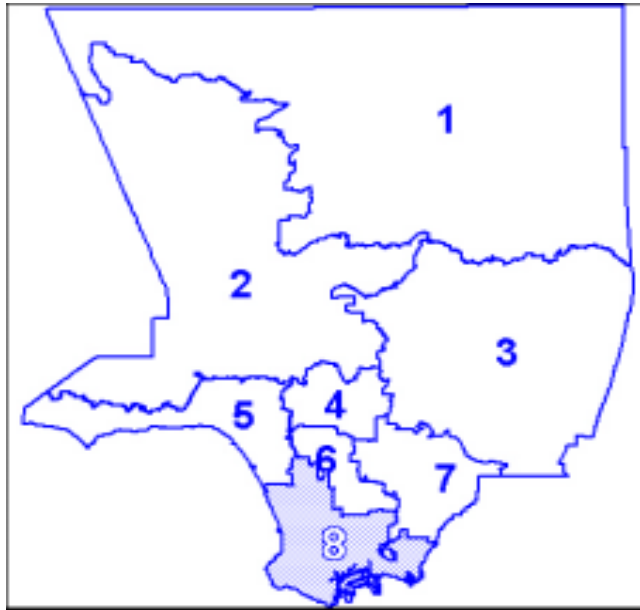
- ¹ The number of live births per 1,000 total population
- ² The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age
- ³ Asian/PI is Asian and Pacific Islander
- ⁴ Live births weighing less than 2,500 grams
- ⁵ This Analysis excludes those with no prenatal care (n = 85)
- ⁶ The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy
- ⁷ The number of infant deaths occurring at less than 365 days of age per 1,000 live births
- ⁸ The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003
July 1, 2003 Population Estimates prepared by Walter R. McDonald & Associates, Inc. (WRMA) for Urban Research, LA County CAO released May 2005

Note: Rates are not calculated (N/C) if fewer than five cases. Rates are not applicable (N/A) in the "Unknown" category.
The mothers' residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 2001) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. P

Selected Perinatal Health Indicators

South Bay - Long Beach Service Planning Area (SPA 8), Los Angeles County, 2003



**First Trimester Onset of Prenatal Care⁶
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	21,109	23,328	90.5
African American	2,591	2,959	87.6
Asian/PI ³	2,974	3,311	89.8
Hispanic	10,812	12,029	89.9
White	4,586	4,865	94.3
Other/Unknown	146	164	N/A

**Live Births
by Mother's Race/Ethnicity**

	Number	Population	Rate ¹
Total	23,328	1,575,145	14.8
African American	2,959	248,719	11.9
Asian/PI ³	3,311	226,301	14.6
Hispanic	12,029	585,374	20.5
White	4,865	509,555	9.5
Other/Unknown	164	5,196	N/A

**Live Births Among Teen Girls aged 15-19
by Mother's Race/Ethnicity**

	Number	Population	Rate ²
Total	1,888	54,171	34.9
African American	288	10,581	27.2
Asian/PI ³	126	8,051	15.7
Hispanic	1,345	23,311	57.7
White	125	12,016	10.4
Other/Unknown	4	212	N/A

**Low Birthweight (LBW)⁴ Births
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
Total	1,690	23,328	7.2
African American	325	2,959	11.0
Asian/PI ³	247	3,311	7.5
Hispanic	780	12,029	6.5
White	317	4,865	6.5
Other/Unknown	21	164	N/A

**Source of Payment
for Prenatal Care⁵**

	Number	Live Births	Percent
Total	23,232	23,232	100.0
Medi-Cal	11,106	23,232	47.8
Prepaid	6,396	23,232	27.5
Private	5,175	23,232	22.3
No Insurance	300	23,232	1.3
Other/Unknown	255	23,232	N/A

**Infant Deaths (less than 365 days of age)
by Gender and Race/Ethnicity**

	Number	Live Births	Rate ⁷
Total	138	23,328	5.9
Gender			
Male	74	11,908	6.2
Female	64	11,420	5.6
Race/Ethnicity			
African American	35	2,959	11.8
Asian/PI ³	18	3,311	5.4
Hispanic	60	12,029	5.0
White	24	4,865	4.9
Other/Unknown	1	164	N/A

**Fetal Deaths (20wks or more)
by Gender and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate ⁸
Total	118	23,446	5.0
Gender			
Male	63	11,971	5.3
Female	54	11,474	4.7
Race/Ethnicity			
African American	31	2,990	10.4
Asian/PI ³	14	3,325	4.2
Hispanic	50	12,079	4.1
White	23	4,888	4.7
Other/Unknown	0	164	N/A

Footnotes:

- ¹ The number of live births per 1,000 total population
- ² The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age
- ³ Asian/PI is Asian and Pacific Islander
- ⁴ Live births weighing less than 2,500 grams
- ⁵ This Analysis excludes those with no prenatal care (n = 96)
- ⁶ The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy
- ⁷ The number of infant deaths occurring at less than 365 days of age per 1,000 live births
- ⁸ The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003
July 1, 2003 Population Estimates prepared by Walter R. McDonald & Associates, Inc. (WRMA) for Urban Research, LA County CAO released May 2005

Note: Rates are not calculated (N/C) if fewer than five cases. Rates are not applicable (N/A) in the "Unknown" category.
The mothers' residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 2001) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. P

Breastfeeding

TITLE V PERINATAL INDICATORS 2003

INDICATOR: Percent of Mothers Who Intend To Exclusively Breastfeed Their Infants at Hospital Discharge

NUMERATOR: Number of mothers who express their intent to exclusively breastfeed their infant at hospital discharge, by place of residence, in a calendar year

DENOMINATOR: Total number of live births for whom the newborn genetic screening form is completed*, by place of residence, in a calendar year

HEALTHY PEOPLE 2010 OBJECTIVE:

Increase the proportion of mothers who breastfeed their babies in the early postpartum period to 75 percent.
(Baseline: 64 percent in 1998) (Objective 16-19a)

RISK FACTORS:

For not intending to exclusively breastfeed
Working mothers, lack of prenatal care, lack of prenatal WIC services,

Year	California				LA County			
	Number	Percent	95% Confidence Interval		Number	Percent	95% Confidence Interval	
			Lower	Upper			Lower	Upper
1994	231,966	42.9	42.8	43.0	56,551	32.5	32.2	32.7
1995	224,052	42.2	42.1	42.3	50,408	29.5	29.3	29.7
1996	216,931	41.8	41.7	42.0	44,089	26.8	26.6	27.0
1997	216,156	42.8	42.6	42.9	44,418	28.1	27.9	28.3
1998	219,915	43.5	43.4	43.7	44,788	28.6	28.4	28.9
1999	215,032	42.9	42.8	43.0	42,366	27.7	27.4	27.9
2000	217,252	42.6	42.4	42.7	41,234	26.9	26.7	27.1
2001	213,227	42.2	42.1	42.4	38,123	25.5	25.3	25.8
2002	209,432	41.8	41.7	42.0	36,877	25.3	25.1	25.6
2003	208,852	41.2	41.0	41.3	35,322	24.2	24.0	24.5

Denominator: Newborns Screened		
Year	California	LA County
1994	540,496	174,219
1995	530,789	170,887
1996	518,747	164,515
1997	505,577	157,993
1998	505,091	156,383
1999	501,130	153,123
2000	510,267	153,323
2001	504,782	149,240
2002	500,843	145,600
2003	507,140	145,720

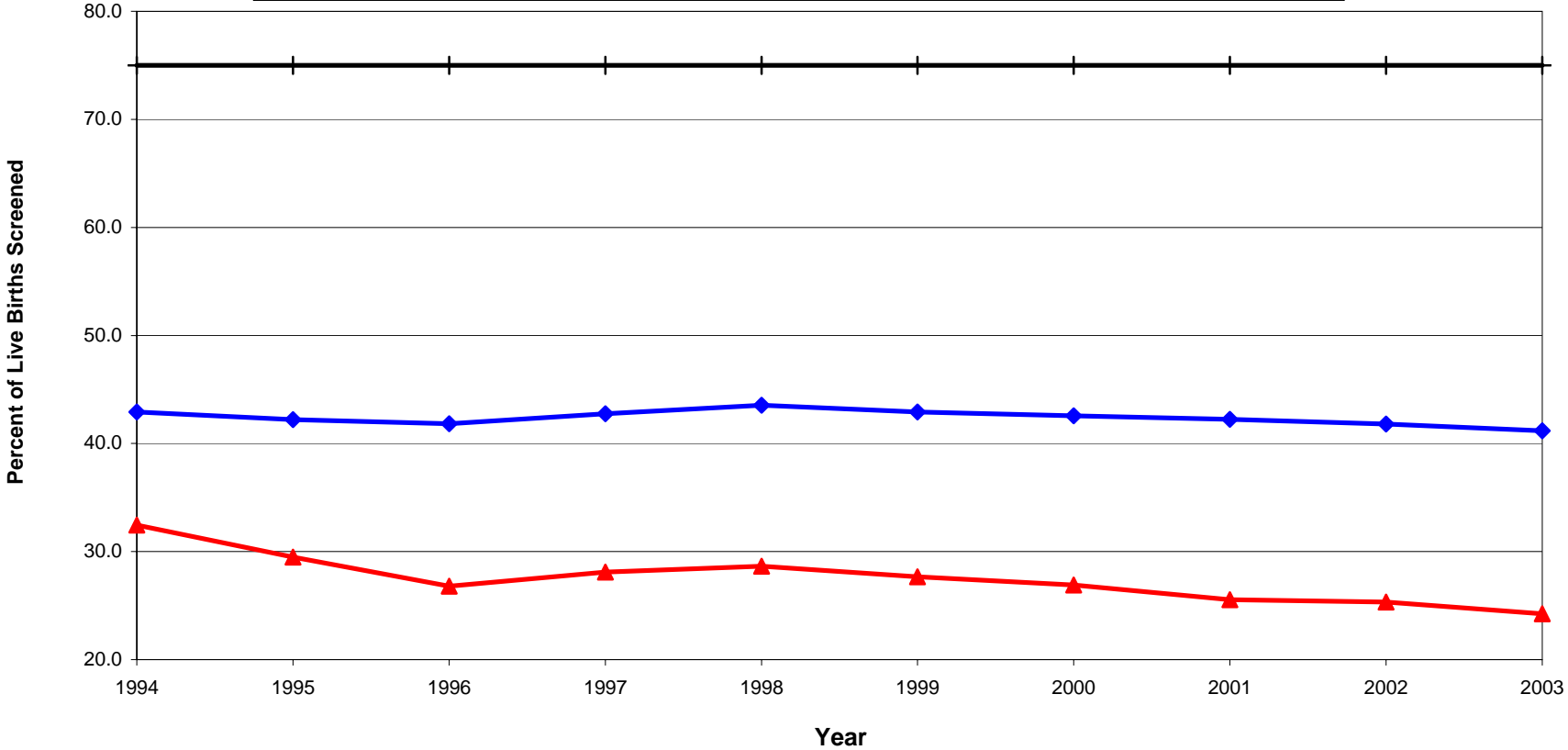
Note: "Exclusive Breastfeeding" includes women who breastfeed only.

* The denominator used to compute the percent data is "Known Method of Feeding". Births with unknown feeding method are excluded. Approximately 2.5 percent of births have missing feeding data.

Source: California Department of Health Services, Maternal and Child Health Branch, Epidemiology and Evaluation Section, "California In-Hospital Breastfeeding Initiation as Reported on the Newborn Screening Test Form Statewide & by Maternal County of Residence: 1

**Percent of Mothers Who Intend To Exclusively Breastfeed
Their Infants at Hospital Discharge
California vs. Los Angeles County, 1994-2003**

▲ LA County Percent
 ◆ California Percent
 —+— Healthy People 2010



Year 2010 Objective: Increase the proportion of mothers who breastfeed their babies in the early post-partum period to 75 percent.

Note: "Exclusive Breastfeeding" includes women who breastfeed only.

Births with unknown feeding method are excluded. Approximately 2.5 percent of births have missing feeding data.

Source: California Department of Health Services, Maternal and Child Health Branch, Epidemiology and Evaluation Section, "California In-Hospital Breastfeeding Initiation as Reported on the Newborn Screening Test Form Statewide & by Maternal County of Residence: 1

Domestic Violence

DOMESTIC VIOLENCE TEMPLATE

INDICATOR: Hospitalizations of Females Ages 13 and Over Due to Assaultive Injuries by Spouse or Partner

DEFINITION: The rate of hospitalizations due to assaultive injuries by spouse or partner (E976.3) per 100,000 females (13 and over)

NUMERATOR: Total number of females (13 and over) hospitalized due to assaultive injuries by spouse or partner (E976.3), by place of residence, in a calendar year

DENOMINATOR: The total female population (13 and over), by place of residence, in a calendar year

HEALTHY PEOPLE 2010 OBJECTIVE:

None

Domestic Violence: Hospitalization due to violent injuries among females (ages 13 and over)

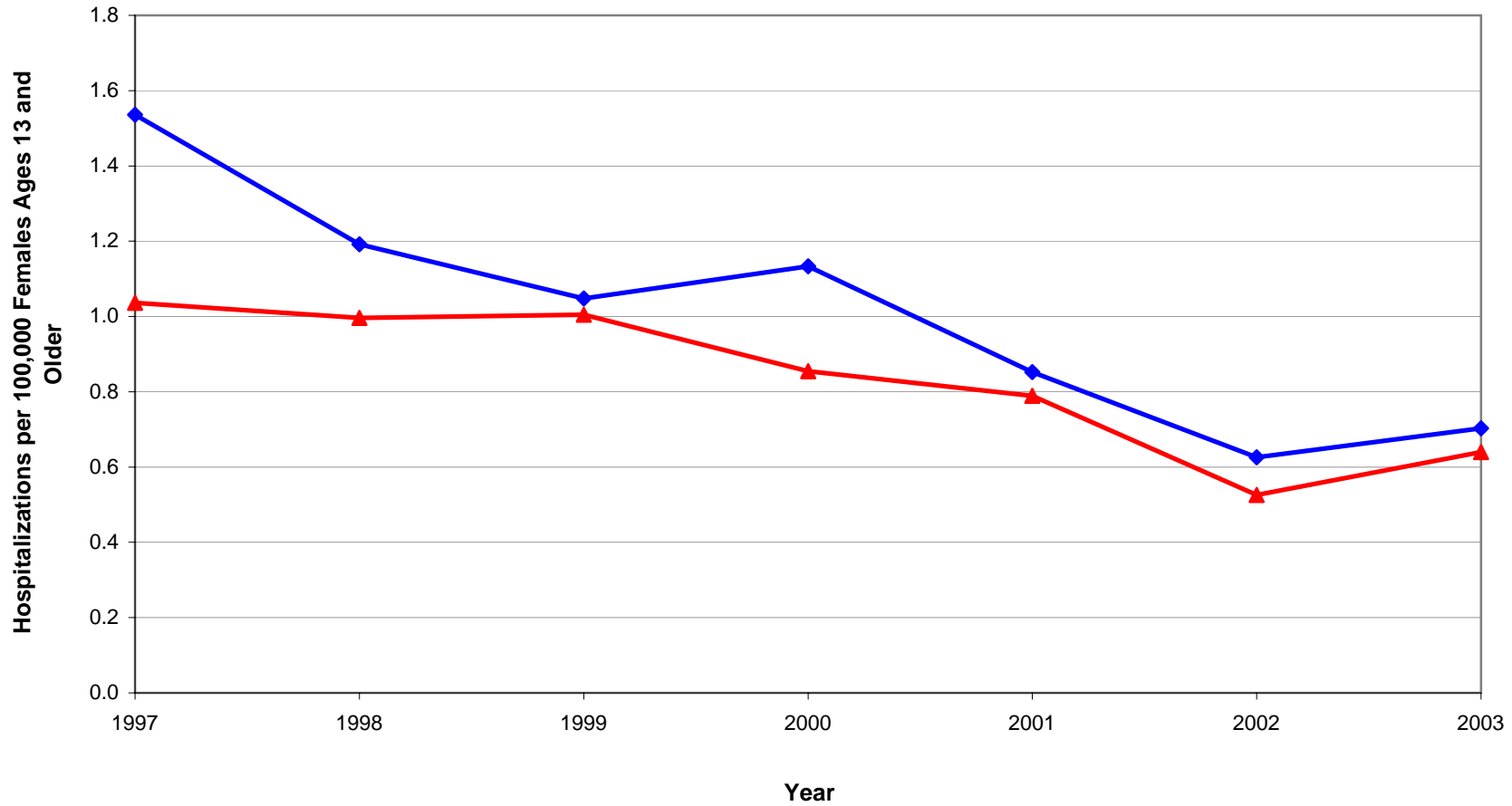
Year	California				Los Angeles County			
	Number	Rate	95% Confidence Interval		Number	Rate	95% Confidence Interval	
			Lower	Upper			Lower	Upper
1997	199	1.5	1.3	1.7	38	1.0	0.7	1.4
1998	157	1.2	1.0	1.4	37	1.0	0.7	1.3
1999	141	1.0	0.9	1.2	38	1.0	0.7	1.3
2000	156	1.1	1.0	1.3	33	0.9	0.6	1.1
2001	120	0.9	0.7	1.0	31	0.8	0.5	1.1
2002	90	0.6	0.5	0.8	21	0.5	0.3	0.8
2003	103	0.7	0.6	0.8	26	0.6	0.4	0.9

Denominator: Total Female Population Ages 13 and Over		
Year	California	LA County
1997	12,958,407	3,665,911
1998	13,177,039	3,714,360
1999	13,453,271	3,781,458
2000	13,765,704	3,860,423
2001	14,085,569	3,928,656
2002	14,377,507	3,996,279
2003	14,658,901	4,064,270

Source: California Department of Health Services, Epidemiology and Prevention for Injury Control (EPIC) Branch, Injury Surveillance and Epidemiology Section.
California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

**Hospitalization per 100,000 Females Ages 13 and Over
Due to Assaultive Injuries by Spouse or Partner
California vs. Los Angeles County, 1997 - 2003**

LA County Rate California Rate



Source: California Department of Health Services, Epidemiology and Prevention for Injury Control (EPIC) Branch, Injury Surveillance and Epidemiology Section.
California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

DOMESTIC VIOLENCE TEMPLATE

INDICATOR: Deaths Due to Assaultive Injuries (Homicides) Among Adolescent and Adult Females Ages 10-44

DEFINITION: The three year average rate per 100,000 females (ages 10-44) of deaths due to homicide (E-Codes 960.0-969.0)

NUMERATOR: The number of deaths due to homicide among females (ages 10-44), by place of residence (three year average)

DENOMINATOR: The total female population age 10 through 44 for the middle year of the three year time period of interest

HEALTHY PEOPLE 2010 OBJECTIVE:
Reduce homicides to no more than 3.0 per 100,000 population. (Age-adjusted to year 2000 std. pop.)
(Baseline: 6.5 per 100,000 in 1998) (Objective 15-32) - (include all age groups)

Risk Factors: Low income; gender (male); age (teens, young adults); race/ethnicity (African American, Hispanic); history of abuse (victim of spousal/intimate, or child abuse); easy access to firearms; presence of firearms at home

Numerator: Homicides to Females Ages 10-44		
Year	California	LA County
1992	479	207
1993	539	225
1994	408	142
1995	429	155
1996	323	141
1997	297	90
1998	280	112
1999	253	87
2000	234	96
2001	272	95
2002	265	106
2003	254	82

Domestic Violence: Deaths due to homicide among females (ages 10 to 44 years)

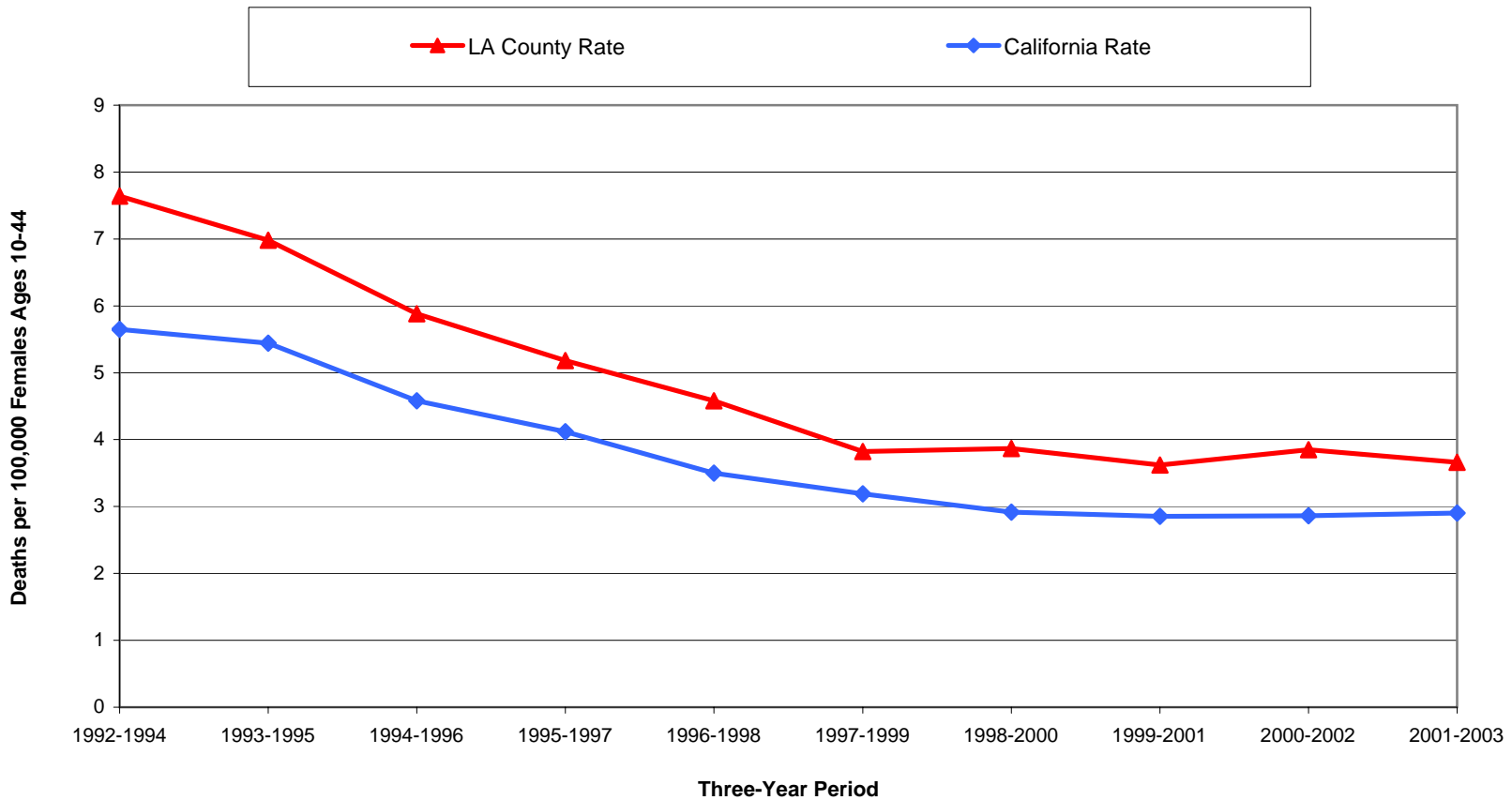
Three-Year Average	California				Los Angeles County			
	Number	Rate	95% Confidence Interval		Number	Rate	95% Confidence Interval	
			Lower	Upper			Lower	Upper
1992-1994	475	5.6	5.1	6.2	191	7.6	6.6	8.7
1993-1995	459	5.4	4.9	5.9	174	7.0	5.9	8.0
1994-1996	387	4.6	4.1	5.0	146	5.9	4.9	6.8
1995-1997	350	4.1	3.7	4.6	129	5.2	4.3	6.1
1996-1998	300	3.5	3.1	3.9	114	4.6	3.7	5.4
1997-1999	277	3.2	2.8	3.6	96	3.8	3.1	4.6
1998-2000	256	2.9	2.6	3.3	98	3.9	3.1	4.6
1999-2001	253	2.9	2.5	3.2	93	3.6	2.9	4.4
2000-2002	257	2.9	2.5	3.2	99	3.9	3.1	4.6
2001-2003	264	2.9	2.6	3.3	94	3.7	2.9	4.4

Denominator: Total Female Population Ages 10-44		
Year	California	LA County
1992	8,393,875	2,514,402
1993	8,416,685	2,502,392
1994	8,428,463	2,493,542
1995	8,429,079	2,479,646
1996	8,466,327	2,474,954
1997	8,573,923	2,494,656
1998	8,667,757	2,519,513
1999	8,767,487	2,546,269
2000	8,855,206	2,562,965
2001	8,993,989	2,571,217
2002	9,089,318	2,577,846
2003	9,161,811	2,581,849

Note: Because there is no domestic violence-specific external cause of injury (E-Code) in the current International Classification of Diseases (ICD) codebook, the numerator in this template reflects deaths due to all types of assaults except data for California

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1993-2002.
California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

**Deaths Due to Assaultive Injuries (Homicides)
per 100,000 Females Ages 10 to 44
California vs. Los Angeles County
Three-Year Averages, 1992-2003**



Note: Because there is no domestic violence-specific external cause of injury (E-Code) in the current International Classification of Diseases (ICD) codebook, the numerator in this template reflects deaths due to all types of assaults except data for California

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1993-2002.
California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

DOMESTIC VIOLENCE TEMPLATE

INDICATOR: Domestic Violence-Related Calls for Assistance

DEFINITION: The rate per 1,000 adult population (ages 18 and over) of domestic violence calls to law enforcement agencies

NUMERATOR: Total domestic violence-related calls for assistance to law enforcement agencies, by place of residence, in a calendar year

DENOMINATOR: The total adult population (ages 18 and over), by place of residence, in a calendar year

HEALTHY PEOPLE 2010 OBJECTIVE:

Reduce the rate of physical assault directed by current or former intimate partners to 3.3 per 1,000 persons aged 12 or over. (Baseline: 4.4 physical assaults per 1,000 persons aged 12 and over in 1998) (Objective 15-34)

Domestic Violence-related calls for assistance in the adult population (ages 18 and over)

Year	California				Los Angeles County			
	Number of Calls	Rate	95% Confidence Interval		Number of Calls	Rate	95% Confidence Interval	
			Lower	Upper			Lower	Upper
1994	250,439	11.1	11.0	11.1	72,991	11.3	11.2	11.4
1995	246,315	10.9	10.8	10.9	75,639	11.7	11.6	11.8
1996	227,899	10.0	9.9	10.0	72,725	11.3	11.2	11.3
1997	220,156	9.5	9.4	9.5	67,805	10.4	10.3	10.5
1998	196,832	8.3	8.3	8.4	62,278	9.4	9.4	9.5
1999	186,406	7.7	7.7	7.7	59,834	8.9	8.8	9.0
2000	196,880	7.9	7.9	8.0	60,960	8.9	8.8	8.9
2001	198,031	7.8	7.8	7.8	59,661	8.5	8.4	8.6
2002	196,569	7.6	7.6	7.6	56,452	7.9	7.8	8.0
2003	194,288	7.4	7.3	7.4	52,790	7.3	7.2	7.3

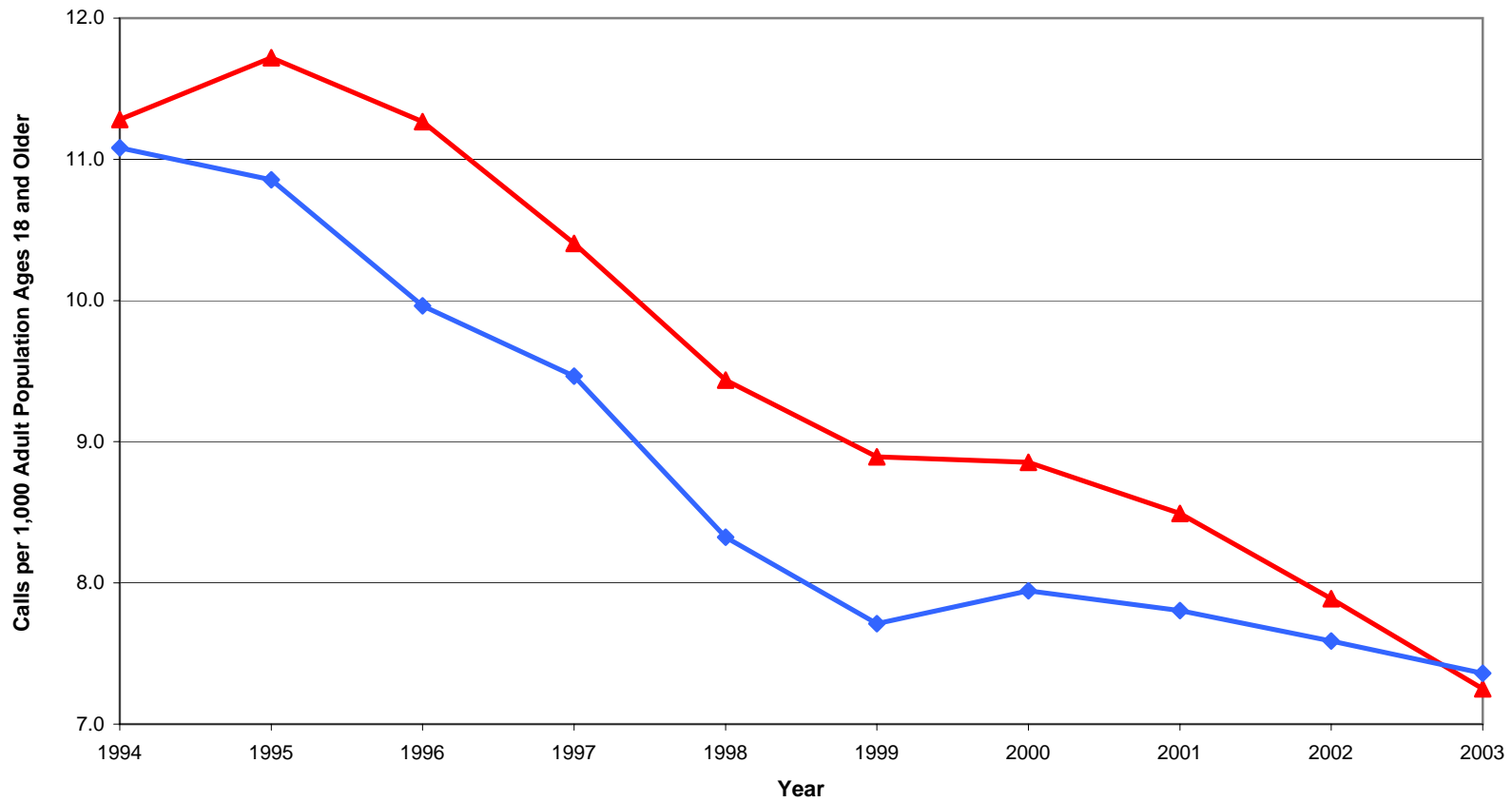
Denominator: Total Adult Population Ages 18 and Over		
Year	California	LA County
1994	22,598,204	6,470,046
1995	22,692,845	6,453,618
1996	22,876,297	6,454,454
1997	23,263,077	6,517,055
1998	23,649,525	6,600,520
1999	24,170,378	6,727,477
2000	24,780,249	6,885,518
2001	25,376,414	7,026,166
2002	25,902,332	7,155,806
2003	26,398,707	7,280,932

Note: Currently, there is no standard definition of or reporting system for domestic violence. Domestic violence is a complex issue involving many social and psychological forces. Therefore, reliance on a single indicator does not present a complete picture o

Source: California Department of Justice, Criminal Justice Statistics Center, Review of Domestic Violence Statistics 1980-2003.
California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

**Domestic Violence Calls to Law Enforcement Agencies
per 1,000 Adult Population Ages 18 and Over
California vs. Los Angeles County, 1994-2003**

LA County Rate California Rate



Source: California Department of Justice, Criminal Justice Statistics Center, Review of Domestic Violence Statistics 1980-2003.
California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

DOMESTIC VIOLENCE TEMPLATE

INDICATOR: Domestic Violence-Related Calls for Assistance: Proportion of Cases with Weapons

DEFINITION: The number and proportion of domestic violence-related calls to law enforcement agencies that involved weapons

NUMERATOR: Number of domestic violence-related calls with weapons

DENOMINATOR: Total number of domestic violence calls to law enforcement agencies

HEALTHY PEOPLE 2010 OBJECTIVE:

None

Domestic Violence-Related Calls for Assistance: Cases with weapons

Los Angeles County							
Year	Domestic violence-related calls for assistance			Number by Type of Weapon			
	Number of Calls	Number with Weapons	Percent	Firearm	Knife or Cutting Instrument	Other Dangerous Weapon	Hands, Fist, Feet, etc.
1994	72,991	55,203	75.6	1,371	2,634	6,058	45,140
1995	75,639	56,129	74.2	1,178	2,573	6,035	46,343
1996	72,725	52,729	72.5	958	2,474	6,168	43,129
1997	67,805	48,559	71.6	781	2,122	5,558	40,098
1998	62,278	43,619	70.0	622	1,852	5,055	36,090
1999	59,834	42,573	71.2	612	1,706	5,034	35,221
2000	60,960	44,029	72.2	682	1,846	5,568	35,933
2001	59,661	42,798	71.7	637	1,639	5,760	34,762
2002	56,452	40,017	70.9	753	1,657	5,758	31,849
2003	52,790	37,817	71.6	671	1,636	5,650	29,860

Source: California Department of Justice, Division of Law Enforcement, Law Enforcement Information Center Special Report, "Total Domestic Violence Calls Received by Type of Weapon, by County, 1990-2001".
California Department of Justice, Criminal Justice Statistics Center, California Criminal Justice Profile 1998-2002.

DOMESTIC VIOLENCE TEMPLATE

INDICATOR: Domestic Violence: Arrest Rate for Spousal Abuse

DEFINITION: The rate per 1,000 adult population (ages 18 and over) of arrest for domestic violence incidence

NUMERATOR: The total number of arrests for spousal abuse (violation of Penal Code Section 273.5, male and female perpetrators), by place of residence, in a calendar year

DENOMINATOR: The total adult population (ages 18 and over), by place of residence, in a calendar year

HEALTHY PEOPLE 2010 OBJECTIVE:

None

Domestic Violence: Arrests for spousal abuse

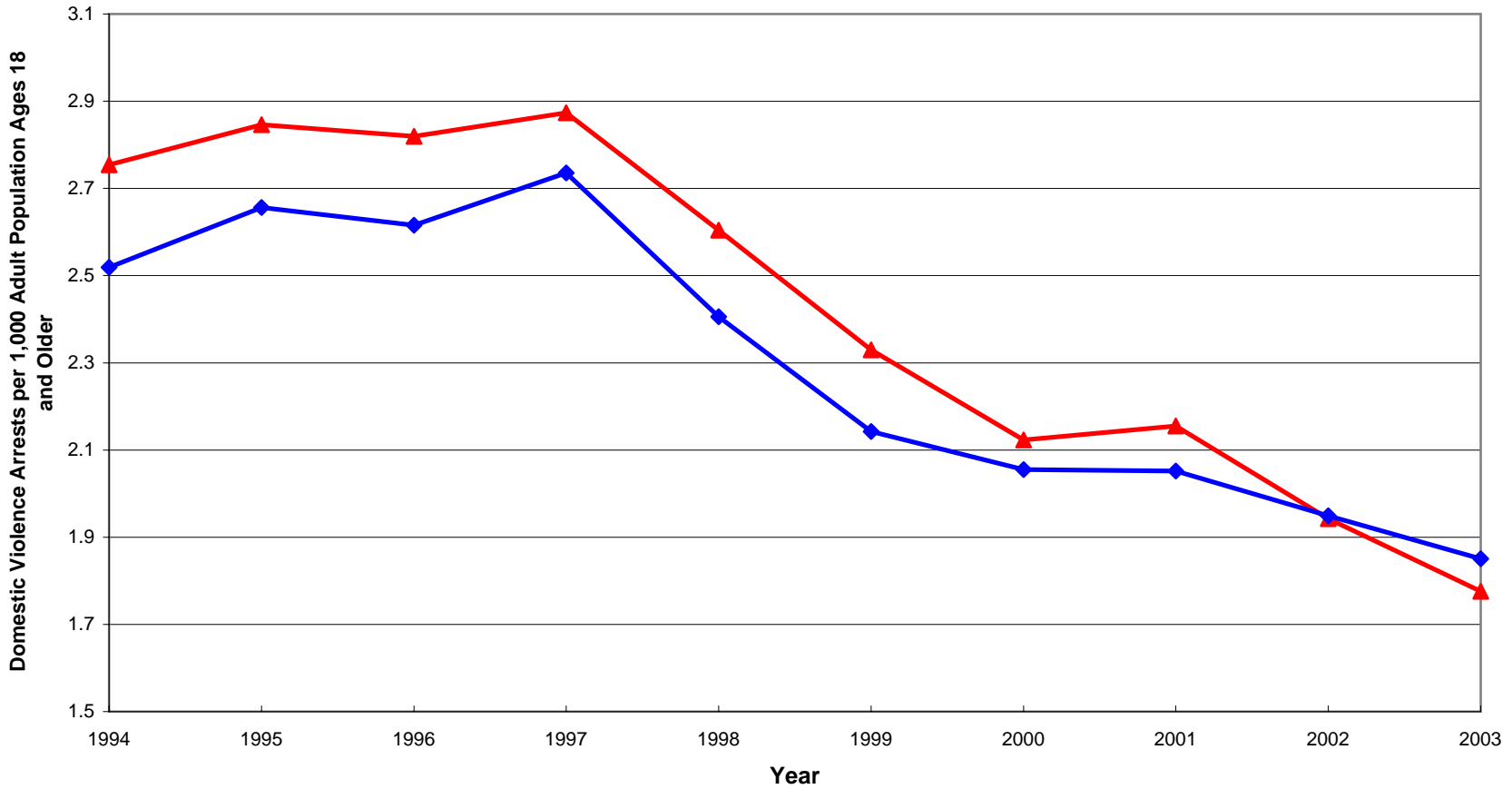
Year	California						Los Angeles County						Denominator: Total Adult Population Ages 18 and Over	
	Total	Male	Female	Rate	Lower 95% CI	Upper 95% CI	Total	Male	Female	Rate	Lower 95% CI	Upper 95% CI	California	County
1994	56,919	50,473	6,446	2.5	2.5	2.5	17,820	15,778	2,042	2.8	2.7	2.8	22,598,204	6,470,046
1995	60,279	52,394	7,885	2.7	2.6	2.7	18,369	15,945	2,424	2.8	2.8	2.9	22,692,845	6,453,618
1996	59,828	51,219	8,609	2.6	2.6	2.6	18,197	15,639	2,558	2.8	2.8	2.9	22,876,297	6,454,454
1997	63,636	53,778	9,858	2.7	2.7	2.8	18,726	15,819	2,907	2.9	2.8	2.9	23,263,077	6,517,055
1998	56,892	47,519	9,373	2.4	2.4	2.4	17,190	14,330	2,860	2.6	2.6	2.6	23,649,525	6,600,520
1999	51,782	42,874	8,908	2.1	2.1	2.2	15,673	12,959	2,714	2.3	2.3	2.4	24,170,378	6,727,477
2000	50,928	41,680	9,248	2.1	2.0	2.1	14,620	11,852	2,768	2.1	2.1	2.2	24,780,249	6,885,518
2001	52,072	42,439	9,633	2.1	2.0	2.1	15,143	12,290	2,853	2.2	2.1	2.2	25,376,414	7,026,166
2002	50,479	40,885	9,594	1.9	1.9	2.0	13,899	11,234	2,665	1.9	1.9	2.0	25,902,332	7,155,806
2003	48,854	39,325	9,529	1.9	1.8	1.9	12,931	10,485	2,446	1.8	1.7	1.8	26,398,707	7,280,932

Source: California Department of Justice, Criminal Justice Statistics Center.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

**Domestic Violence Arrests
per 1,000 Adult Population Ages 18 and Over
California vs. Los Angeles County, 1994-2003**

▲ Los Angeles County Rate
 ◆ State of California Rate



Source: California Department of Justice, Criminal Justice Statistics Center.
California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2050", Sacramento, California, May 2004.

Entry into Prenatal Care

Los Angeles County Department of Health Services
Entry Into Prenatal Care (PNC) By Zip Code*
 Los Angeles County, 2002

Mother's Residence Zip Code	Trimester Prenatal Care Started										TOTAL N
	No Prenatal Care		First Trimester		Second Trimester		Third Trimester		Unknown		
	N	%	N	%	N	%	N	%	N	%	
90001	< 5	0.2	1258	84.4	125	8.4	15	1.0	89	6.0	1,490
90002	5	0.5	893	83.1	114	10.6	17	1.6	45	4.2	1,074
90003	9	0.6	1377	85.2	165	10.2	22	1.4	43	2.7	1,616
90004	5	0.5	963	91.0	72	6.8	15	1.4	< 5	0.3	1,058
90005	< 5	0.3	665	88.0	64	8.5	22	2.9	< 5	0.4	756
90006	5	0.4	1075	89.8	88	7.4	22	1.8	7	0.6	1,197
90007	< 5	0.5	555	90.2	46	7.5	8	1.3	< 5	0.5	615
90008	< 5	0.9	383	88.0	36	8.3	5	1.1	7	1.6	435
90010	0	0.0	14	82.4	< 5	5.9	< 5	5.9	< 5	5.9	17
90011	10	0.4	2434	86.3	277	9.8	58	2.1	40	1.4	2,819
90012	< 5	0.9	208	88.5	20	8.5	< 5	1.3	< 5	0.9	235
90013	0	0.0	32	78.0	6	14.6	< 5	2.4	< 5	4.9	41
90014	< 5	4.8	17	81.0	< 5	9.5	< 5	4.8	0	0.0	21
90015	0	0.0	246	92.1	18	6.7	< 5	1.1	0	0.0	267
90016	6	0.8	665	87.8	71	9.4	11	1.5	< 5	0.5	757
90017	< 5	0.5	364	85.6	51	12.0	6	1.4	< 5	0.5	425
90018	6	0.7	734	87.6	79	9.4	14	1.7	5	0.6	838
90019	< 5	0.3	987	92.0	67	6.2	11	1.0	5	0.5	1,073
90020	< 5	0.3	630	92.0	42	6.1	8	1.2	< 5	0.4	685
90021	0	0.0	34	85.0	< 5	5.0	< 5	7.5	< 5	2.5	40
90022	6	0.4	1278	86.9	134	9.1	32	2.2	21	1.4	1,471
90023	< 5	0.2	956	88.5	87	8.1	33	3.1	< 5	0.2	1,080
90024	0	0.0	237	93.3	8	3.1	< 5	0.4	8	3.1	254
90025	0	0.0	475	96.3	9	1.8	< 5	0.4	7	1.4	493
90026	< 5	0.1	991	90.7	89	8.1	9	0.8	< 5	0.3	1,093
90027	0	0.0	446	90.5	39	7.9	5	1.0	< 5	0.6	493
90028	< 5	0.7	265	90.4	20	6.8	5	1.7	< 5	0.3	293
90029	6	0.9	577	90.3	48	7.5	7	1.1	< 5	0.2	639
90031	< 5	0.2	595	89.9	41	6.2	16	2.4	9	1.4	662
90032	< 5	0.2	708	87.3	68	8.4	23	2.8	10	1.2	811
90033	< 5	0.4	905	87.8	95	9.2	24	2.3	< 5	0.3	1,031
90034	< 5	0.1	749	94.3	33	4.2	< 5	0.5	7	0.9	794
90035	0	0.0	376	96.2	5	1.3	5	1.3	5	1.3	391
90036	< 5	0.2	409	93.2	19	4.3	< 5	0.7	7	1.6	439
90037	< 5	0.3	1176	87.2	123	9.1	24	1.8	21	1.6	1,348
90038	5	1.1	396	88.8	39	8.7	5	1.1	< 5	0.2	446
90039	< 5	0.3	352	92.9	21	5.5	< 5	1.1	< 5	0.3	379
90040	0	0.0	196	89.9	16	7.3	< 5	0.9	< 5	1.8	218
90041	< 5	0.3	318	93.5	16	4.7	< 5	0.9	< 5	0.6	340

Mother's Residence Zip Code	Trimester Prenatal Care Started										TOTAL N
	No Prenatal Care		First Trimester		Second Trimester		Third Trimester		Unknown		
	N	%	N	%	N	%	N	%	N	%	
90042	< 5	0.2	1047	92.2	67	5.9	7	0.6	12	1.1	1,135
90043	< 5	0.6	590	88.3	54	8.1	12	1.8	8	1.2	668
90044	11	0.6	1689	86.0	178	9.1	34	1.7	52	2.6	1,964
90045	0	0.0	452	94.0	16	3.3	< 5	0.6	10	2.1	481
90046	0	0.0	304	93.8	11	3.4	< 5	0.3	8	2.5	324
90047	9	1.3	612	86.2	64	9.0	17	2.4	8	1.1	710
90048	0	0.0	180	93.8	8	4.2	< 5	0.5	< 5	1.6	192
90049	0	0.0	326	96.2	6	1.8	< 5	0.3	6	1.8	339
90056	0	0.0	63	90.0	6	8.6	< 5	1.4	0	0.0	70
90057	0	0.0	817	89.9	75	8.3	15	1.7	< 5	0.2	909
90058	< 5	2.2	73	81.1	8	8.9	< 5	3.3	< 5	4.4	90
90059	< 5	0.3	748	82.1	104	11.4	17	1.9	39	4.3	911
90061	< 5	0.7	480	81.5	65	11.0	12	2.0	28	4.8	589
90062	< 5	0.2	487	87.9	45	8.1	6	1.1	15	2.7	554
90063	< 5	0.1	1098	83.9	150	11.5	45	3.4	15	1.1	1,309
90064	0	0.0	295	95.5	7	2.3	< 5	0.3	6	1.9	309
90065	< 5	0.4	708	93.7	42	5.6	< 5	0.3	< 5	0.1	756
90066	< 5	0.1	742	93.7	33	4.2	5	0.6	11	1.4	792
90067	0	0.0	18	94.7	< 5	5.3	0	0.0	0	0.0	19
90068	0	0.0	192	96.5	< 5	2.0	< 5	0.5	< 5	1.0	199
90069	< 5	0.9	111	97.4	< 5	1.8	0	0.0	0	0.0	114
90071	0	0.0	< 5	100.0	0	0.0	0	0.0	0	0.0	< 5
90077	0	0.0	106	98.1	< 5	0.9	0	0.0	< 5	0.9	108
90089	0	0.0	0	0.0	< 5	100.0	0	0.0	0	0.0	< 5
90201	9	0.4	2027	86.5	181	7.7	24	1.0	102	4.4	2,343
90210	0	0.0	212	95.9	< 5	1.8	0	0.0	5	2.3	221
90211	0	0.0	57	98.3	0	0.0	0	0.0	< 5	1.7	58
90212	< 5	1.0	91	93.8	< 5	2.1	< 5	1.0	< 5	2.1	97
90220	< 5	0.3	887	85.8	89	8.6	16	1.5	39	3.8	1,034
90221	0	0.0	1069	83.1	121	9.4	21	1.6	75	5.8	1,286
90222	7	1.1	530	83.9	60	9.5	5	0.8	30	4.7	632
90230	< 5	0.3	371	94.6	11	2.8	< 5	0.8	6	1.5	392
90232	0	0.0	160	94.1	8	4.7	< 5	1.2	0	0.0	170
90240	< 5	1.1	318	90.1	24	6.8	< 5	0.8	< 5	1.1	353
90241	< 5	0.4	619	89.2	53	7.6	7	1.0	12	1.7	694
90242	0	0.0	638	88.1	69	9.5	5	0.7	12	1.7	724
90245	0	0.0	172	95.0	7	3.9	0	0.0	< 5	1.1	181
90247	5	0.6	741	91.4	48	5.9	5	0.6	12	1.5	811
90248	< 5	0.7	125	91.2	6	4.4	< 5	2.9	< 5	0.7	137
90249	< 5	0.2	359	89.3	30	7.5	6	1.5	6	1.5	402
90250	< 5	0.2	1625	89.0	115	6.3	25	1.4	56	3.1	1,825
90254	< 5	0.8	258	98.5	< 5	0.8	0	0.0	0	0.0	262
90255	< 5	0.1	1437	84.3	131	7.7	21	1.2	114	6.7	1,704

Mother's Residence Zip Code	Trimester Prenatal Care Started										TOTAL N
	No Prenatal Care		First Trimester		Second Trimester		Third Trimester		Unknown		
	N	%	N	%	N	%	N	%	N	%	
90260	< 5	0.3	535	89.6	46	7.7	7	1.2	7	1.2	597
90262	< 5	0.1	1413	86.2	123	7.5	23	1.4	79	4.8	1,640
90263	0	0.0	< 5	100.0	0	0.0	0	0.0	0	0.0	< 5
90265	0	0.0	156	96.3	< 5	1.9	0	0.0	< 5	1.9	162
90266	0	0.0	459	98.3	5	1.1	0	0.0	< 5	0.6	467
90270	< 5	0.2	529	86.7	34	5.6	6	1.0	40	6.6	610
90272	0	0.0	222	96.1	< 5	1.3	0	0.0	6	2.6	231
90274	0	0.0	240	96.8	< 5	1.6	< 5	0.4	< 5	1.2	248
90275	0	0.0	334	97.4	7	2.0	0	0.0	< 5	0.6	343
90277	0	0.0	361	96.3	12	3.2	< 5	0.5	0	0.0	375
90278	0	0.0	596	96.6	16	2.6	< 5	0.3	< 5	0.5	617
90280	7	0.4	1649	85.8	130	6.8	29	1.5	106	5.5	1,921
90290	0	0.0	78	96.3	< 5	1.2	0	0.0	< 5	2.5	81
90291	0	0.0	325	92.1	17	4.8	< 5	0.6	9	2.5	353
90292	< 5	0.6	170	95.0	7	3.9	0	0.0	< 5	0.6	179
90293	0	0.0	91	93.8	< 5	3.1	0	0.0	< 5	3.1	97
90301	< 5	0.3	595	87.8	53	7.8	11	1.6	17	2.5	678
90302	0	0.0	431	90.2	34	7.1	< 5	0.6	10	2.1	478
90303	< 5	0.6	458	86.9	41	7.8	8	1.5	17	3.2	527
90304	0	0.0	547	85.1	48	7.5	15	2.3	33	5.1	643
90305	< 5	0.7	133	91.1	7	4.8	< 5	0.7	< 5	2.7	146
90401	0	0.0	35	85.4	< 5	9.8	0	0.0	< 5	4.9	41
90402	0	0.0	130	96.3	< 5	0.7	< 5	0.7	< 5	2.2	135
90403	0	0.0	248	96.5	< 5	1.2	< 5	0.4	5	1.9	257
90404	< 5	1.0	184	88.9	9	4.3	0	0.0	12	5.8	207
90405	0	0.0	232	97.5	< 5	0.8	< 5	0.8	< 5	0.8	238
90501	< 5	0.3	576	90.1	52	8.1	5	0.8	< 5	0.6	639
90502	< 5	0.4	207	89.6	16	6.9	6	2.6	< 5	0.4	231
90503	< 5	0.8	471	95.7	14	2.8	0	0.0	< 5	0.6	492
90504	0	0.0	329	92.4	21	5.9	< 5	1.1	< 5	0.6	356
90505	< 5	0.5	352	94.1	17	4.5	< 5	0.5	< 5	0.3	374
90601	< 5	0.9	411	90.9	27	6.0	< 5	0.9	6	1.3	452
90602	< 5	0.2	435	91.2	28	5.9	6	1.3	7	1.5	477
90603	< 5	0.9	203	94.4	9	4.2	< 5	0.5	0	0.0	215
90604	< 5	0.5	541	91.4	40	6.8	6	1.0	< 5	0.3	592
90605	< 5	0.3	615	89.4	46	6.7	15	2.2	10	1.5	688
90606	< 5	0.5	473	85.8	56	10.2	11	2.0	8	1.5	551
90631	0	0.0	30	93.8	< 5	6.3	0	0.0	0	0.0	32
90638	< 5	0.6	481	90.1	37	6.9	11	2.1	< 5	0.4	534
90639	0	0.0	< 5	100.0	0	0.0	0	0.0	0	0.0	< 5
90640	6	0.6	893	90.1	74	7.5	13	1.3	5	0.5	991
90650	8	0.5	1526	88.0	140	8.1	17	1.0	43	2.5	1,734
90660	6	0.6	859	87.7	89	9.1	17	1.7	8	0.8	979

Mother's Residence Zip Code	Trimester Prenatal Care Started										TOTAL N
	No Prenatal Care		First Trimester		Second Trimester		Third Trimester		Unknown		
	N	%	N	%	N	%	N	%	N	%	
90670	0	0.0	175	87.9	15	7.5	8	4.0	< 5	0.5	199
90701	< 5	1.0	182	89.2	17	8.3	< 5	1.0	< 5	0.5	204
90703	< 5	0.2	421	94.2	14	3.1	10	2.2	< 5	0.2	447
90704	0	0.0	56	94.9	< 5	5.1	0	0.0	0	0.0	59
90706	< 5	0.3	1109	87.9	111	8.8	15	1.2	22	1.7	1,261
90710	< 5	0.5	351	90.2	31	8.0	< 5	0.8	< 5	0.5	389
90712	< 5	0.3	358	93.2	20	5.2	< 5	0.5	< 5	0.8	384
90713	< 5	0.3	312	94.3	17	5.1	< 5	0.3	0	0.0	331
90715	< 5	1.2	284	88.2	28	8.7	< 5	1.2	< 5	0.6	322
90716	0	0.0	287	87.0	41	12.4	< 5	0.3	< 5	0.3	330
90717	0	0.0	298	92.0	17	5.2	< 5	1.2	5	1.5	324
90723	6	0.5	1070	85.6	90	7.2	17	1.4	67	5.4	1,250
90731	5	0.5	839	87.1	97	10.1	15	1.6	7	0.7	963
90732	< 5	0.4	204	90.7	17	7.6	< 5	0.9	< 5	0.4	225
90744	6	0.5	1030	88.8	97	8.4	13	1.1	14	1.2	1,160
90745	7	0.8	777	88.7	69	7.9	11	1.3	12	1.4	876
90746	< 5	1.3	258	86.6	31	10.4	< 5	0.7	< 5	1.0	298
90802	< 5	0.2	525	91.5	42	7.3	< 5	0.5	< 5	0.5	574
90803	< 5	0.7	296	97.0	5	1.6	< 5	0.3	< 5	0.3	305
90804	5	0.6	711	89.7	59	7.4	14	1.8	< 5	0.5	793
90805	11	0.6	1572	87.3	151	8.4	26	1.4	40	2.2	1,800
90806	6	0.6	960	89.1	81	7.5	21	1.9	10	0.9	1,078
90807	< 5	0.5	382	92.3	24	5.8	< 5	0.7	< 5	0.7	414
90808	< 5	0.2	452	96.0	16	3.4	< 5	0.2	< 5	0.2	471
90810	< 5	0.6	563	87.8	53	8.3	14	2.2	7	1.1	641
90813	8	0.5	1309	88.4	127	8.6	21	1.4	16	1.1	1,481
90814	0	0.0	216	92.7	14	6.0	< 5	0.9	< 5	0.4	233
90815	< 5	0.2	406	97.8	6	1.4	< 5	0.5	0	0.0	415
91001	< 5	0.4	425	87.1	25	5.1	7	1.4	29	5.9	488
91006	0	0.0	330	93.8	17	4.8	< 5	0.6	< 5	0.9	352
91007	0	0.0	319	89.6	24	6.7	7	2.0	6	1.7	356
91010	< 5	0.2	396	92.1	22	5.1	7	1.6	< 5	0.9	430
91011	0	0.0	108	96.4	< 5	0.9	< 5	1.8	< 5	0.9	112
91016	0	0.0	552	91.8	43	7.2	< 5	0.5	< 5	0.5	601
91020	0	0.0	73	93.6	5	6.4	0	0.0	0	0.0	78
91024	0	0.0	108	97.3	< 5	0.9	< 5	0.9	< 5	0.9	111
91030	0	0.0	243	94.9	9	3.5	< 5	0.4	< 5	1.2	256
91040	< 5	0.5	169	90.4	13	7.0	< 5	1.6	< 5	0.5	187
91042	0	0.0	306	91.6	22	6.6	5	1.5	< 5	0.3	334
91101	< 5	0.3	251	87.8	18	6.3	< 5	0.7	14	4.9	286
91103	0	0.0	384	81.5	48	10.2	7	1.5	32	6.8	471
91104	< 5	0.2	507	85.2	39	6.6	< 5	0.7	44	7.4	595
91105	0	0.0	106	94.6	< 5	2.7	0	0.0	< 5	2.7	112

Mother's Residence Zip Code	Trimester Prenatal Care Started										TOTAL N
	No Prenatal Care		First Trimester		Second Trimester		Third Trimester		Unknown		
	N	%	N	%	N	%	N	%	N	%	
91106	0	0.0	292	91.8	12	3.8	< 5	0.3	13	4.1	318
91107	< 5	0.2	397	91.1	16	3.7	< 5	0.5	20	4.6	436
91108	0	0.0	119	93.0	< 5	2.3	0	0.0	6	4.7	128
91123	0	0.0	< 5	100.0	0	0.0	0	0.0	0	0.0	< 5
91201	< 5	0.7	250	93.3	16	6.0	0	0.0	0	0.0	268
91202	0	0.0	231	95.1	10	4.1	< 5	0.4	< 5	0.4	243
91203	< 5	0.6	156	94.5	5	3.0	< 5	1.2	< 5	0.6	165
91204	0	0.0	210	94.2	13	5.8	0	0.0	0	0.0	223
91205	< 5	0.2	386	92.6	24	5.8	6	1.4	0	0.0	417
91206	0	0.0	372	96.1	9	2.3	< 5	0.8	< 5	0.8	387
91207	0	0.0	106	93.0	7	6.1	< 5	0.9	0	0.0	114
91208	0	0.0	182	94.3	8	4.1	< 5	1.0	< 5	0.5	193
91214	0	0.0	225	94.5	11	4.6	0	0.0	< 5	0.8	238
91301	< 5	0.4	237	96.3	< 5	1.6	< 5	0.4	< 5	1.2	246
91302	0	0.0	211	98.6	< 5	0.9	0	0.0	< 5	0.5	214
91303	< 5	0.2	444	94.3	19	4.0	< 5	0.8	< 5	0.6	471
91304	< 5	0.4	719	94.1	39	5.1	< 5	0.4	0	0.0	764
91306	< 5	0.1	664	93.5	41	5.8	< 5	0.4	< 5	0.1	710
91307	0	0.0	255	97.0	7	2.7	< 5	0.4	0	0.0	263
91311	< 5	0.3	292	93.9	15	4.8	< 5	1.0	0	0.0	311
91316	0	0.0	301	97.1	5	1.6	< 5	1.3	0	0.0	310
91321	< 5	0.7	526	92.6	37	6.5	< 5	0.2	0	0.0	568
91324	< 5	0.6	314	92.9	18	5.3	< 5	1.2	0	0.0	338
91325	0	0.0	334	90.8	30	8.2	< 5	0.8	< 5	0.3	368
91326	0	0.0	279	94.3	16	5.4	< 5	0.3	0	0.0	296
91330	0	0.0	< 5	100.0	0	0.0	0	0.0	0	0.0	< 5
91331	13	0.7	1761	89.1	179	9.1	17	0.9	7	0.4	1,977
91335	7	0.7	968	93.8	46	4.5	6	0.6	5	0.5	1,032
91340	5	0.7	615	88.7	67	9.7	6	0.9	0	0.0	693
91342	6	0.4	1395	89.4	131	8.4	26	1.7	< 5	0.1	1,560
91343	9	0.9	961	91.1	70	6.6	11	1.0	< 5	0.4	1,055
91344	0	0.0	536	92.4	37	6.4	6	1.0	< 5	0.2	580
91345	0	0.0	245	89.1	25	9.1	< 5	1.5	< 5	0.4	275
91350	< 5	0.5	367	90.8	32	7.9	< 5	0.7	0	0.0	404
91351	< 5	0.5	508	90.4	43	7.7	5	0.9	< 5	0.5	562
91352	< 5	0.4	743	89.1	80	9.6	5	0.6	< 5	0.4	834
91354	< 5	0.3	284	96.9	8	2.7	0	0.0	0	0.0	293
91355	< 5	0.3	335	93.6	16	4.5	< 5	0.8	< 5	0.8	358
91356	< 5	0.3	329	97.1	8	2.4	0	0.0	< 5	0.3	339
91361	0	0.0	17	100.0	0	0.0	0	0.0	0	0.0	17
91362	0	0.0	< 5	100.0	0	0.0	0	0.0	0	0.0	< 5
91364	0	0.0	300	97.4	7	2.3	0	0.0	< 5	0.3	308
91367	< 5	0.5	350	95.6	9	2.5	< 5	0.8	< 5	0.5	366

Mother's Residence Zip Code	Trimester Prenatal Care Started										TOTAL N
	No Prenatal Care		First Trimester		Second Trimester		Third Trimester		Unknown		
	N	%	N	%	N	%	N	%	N	%	
91377	0	0.0	13	100.0	0	0.0	0	0.0	0	0.0	13
91381	0	0.0	271	98.9	< 5	1.1	0	0.0	0	0.0	274
91384	< 5	0.3	377	94.7	15	3.8	< 5	0.5	< 5	0.8	398
91387	< 5	0.2	384	92.1	25	6.0	< 5	1.0	< 5	0.7	417
91390	< 5	0.5	188	95.4	7	3.6	0	0.0	< 5	0.5	197
91401	< 5	0.5	597	91.7	37	5.7	8	1.2	6	0.9	651
91402	< 5	0.3	1315	90.6	117	8.1	11	0.8	< 5	0.3	1,451
91403	0	0.0	282	95.6	10	3.4	< 5	0.3	< 5	0.7	295
91405	< 5	0.3	874	93.0	52	5.5	6	0.6	5	0.5	940
91406	< 5	0.4	832	92.5	54	6.0	7	0.8	< 5	0.2	899
91411	< 5	0.7	389	90.5	34	7.9	< 5	0.9	0	0.0	430
91423	0	0.0	328	97.6	5	1.5	< 5	0.6	< 5	0.3	336
91436	0	0.0	152	96.8	< 5	1.3	< 5	0.6	< 5	1.3	157
91501	< 5	0.5	197	97.5	< 5	2.0	0	0.0	0	0.0	202
91502	0	0.0	125	92.6	9	6.7	< 5	0.7	0	0.0	135
91504	0	0.0	260	96.7	6	2.2	< 5	0.7	< 5	0.4	269
91505	0	0.0	336	95.2	14	4.0	< 5	0.8	0	0.0	353
91506	0	0.0	201	97.1	6	2.9	0	0.0	0	0.0	207
91601	< 5	0.7	505	92.3	30	5.5	7	1.3	< 5	0.2	547
91602	0	0.0	175	97.2	< 5	1.7	0	0.0	< 5	1.1	180
91604	< 5	0.7	267	95.4	8	2.9	< 5	0.4	< 5	0.7	280
91605	< 5	0.4	975	91.4	69	6.5	12	1.1	7	0.7	1,067
91606	< 5	0.3	676	91.5	51	6.9	9	1.2	< 5	0.1	739
91607	0	0.0	307	94.2	15	4.6	< 5	1.2	0	0.0	326
91608	0	0.0	< 5	100.0	0	0.0	0	0.0	0	0.0	< 5
91702	< 5	0.3	961	90.2	85	8.0	15	1.4	< 5	0.1	1,065
91706	< 5	0.3	1414	92.0	100	6.5	12	0.8	7	0.5	1,537
91711	< 5	1.4	261	92.6	15	5.3	< 5	0.7	0	0.0	282
91722	< 5	0.4	473	91.7	36	7.0	5	1.0	0	0.0	516
91723	0	0.0	255	92.7	18	6.5	< 5	0.7	0	0.0	275
91724	0	0.0	278	89.1	33	10.6	< 5	0.3	0	0.0	312
91731	< 5	0.2	550	91.5	41	6.8	< 5	0.7	5	0.8	601
91732	5	0.4	1139	88.6	111	8.6	21	1.6	10	0.8	1,286
91733	< 5	0.4	865	90.8	65	6.8	10	1.0	9	0.9	953
91740	< 5	0.3	271	88.6	31	10.1	< 5	0.3	< 5	0.7	306
91741	0	0.0	225	92.2	15	6.1	< 5	1.2	< 5	0.4	244
91744	11	0.6	1585	90.6	122	7.0	26	1.5	6	0.3	1,750
91745	< 5	0.5	582	89.8	48	7.4	14	2.2	< 5	0.2	648
91746	< 5	0.3	520	90.6	43	7.5	7	1.2	< 5	0.3	574
91748	< 5	0.6	564	90.7	36	5.8	13	2.1	5	0.8	622
91750	0	0.0	312	91.0	28	8.2	0	0.0	< 5	0.9	343
91754	< 5	0.2	363	88.8	31	7.6	7	1.7	7	1.7	409
91755	0	0.0	288	93.2	18	5.8	< 5	0.3	< 5	0.6	309

Mother's Residence Zip Code	Trimester Prenatal Care Started										TOTAL N
	No Prenatal Care		First Trimester		Second Trimester		Third Trimester		Unknown		
	N	%	N	%	N	%	N	%	N	%	
91765	< 5	0.9	408	90.7	29	6.4	8	1.8	< 5	0.2	450
91766	11	0.7	1342	88.0	137	9.0	33	2.2	< 5	0.1	1,525
91767	6	0.6	836	88.9	89	9.5	8	0.9	< 5	0.1	940
91768	5	0.7	593	88.1	66	9.8	6	0.9	< 5	0.4	673
91770	< 5	0.2	844	92.8	49	5.4	5	0.6	9	1.0	909
91773	< 5	0.3	313	91.5	23	6.7	< 5	1.2	< 5	0.3	342
91775	0	0.0	300	91.7	18	5.5	< 5	0.6	7	2.1	327
91776	0	0.0	460	90.6	38	7.5	5	1.0	5	1.0	508
91780	0	0.0	331	93.8	18	5.1	< 5	0.6	< 5	0.6	353
91789	0	0.0	345	91.8	23	6.1	6	1.6	< 5	0.5	376
91790	< 5	0.5	563	90.2	53	8.5	< 5	0.6	< 5	0.2	624
91791	< 5	1.0	347	88.3	34	8.7	6	1.5	< 5	0.5	393
91792	< 5	0.7	385	88.9	41	9.5	< 5	0.7	< 5	0.2	433
91801	0	0.0	581	91.6	36	5.7	5	0.8	12	1.9	634
91803	< 5	0.3	353	93.1	18	4.7	< 5	0.5	5	1.3	379
93510	< 5	1.8	48	84.2	7	12.3	< 5	1.8	0	0.0	57
93532	0	0.0	23	95.8	< 5	4.2	0	0.0	0	0.0	24
93534	< 5	0.6	606	84.0	105	14.6	6	0.8	0	0.0	721
93535	13	1.2	894	83.4	146	13.6	17	1.6	< 5	0.2	1,072
93536	6	1.1	473	87.9	53	9.9	6	1.1	0	0.0	538
93543	0	0.0	117	82.4	22	15.5	< 5	2.1	0	0.0	142
93544	< 5	20.0	8	80.0	0	0.0	0	0.0	0	0.0	10
93550	14	1.0	1174	83.5	193	13.7	21	1.5	< 5	0.3	1,406
93551	< 5	0.2	388	90.7	35	8.2	< 5	0.7	< 5	0.2	428
93552	0	0.0	375	85.4	58	13.2	< 5	0.9	< 5	0.5	439
93553	0	0.0	12	80.0	< 5	13.3	< 5	6.7	0	0.0	15
93591	0	0.0	80	83.3	15	15.6	< 5	1.0	0	0.0	96
NONE/UNKNOWN	8	2.5	244	75.8	35	10.9	7	2.2	28	8.7	322
Total	586	0.4	136609	89.8	10,950	7.2	1825	1.2	2222	1.5	152,192

* Los Angeles County zip codes as of April 2003

Note: "Trimester Prenatal Care Started" excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2003.

Hospital Births

**Medi-Cal and Non-Medi-Cal Paid Total Live Births by SPA and Hospital
Los Angeles County, 2003**

SPA	DELIVERY HOSPITAL	MEDI-CAL PAID DELIVERY				TOTAL N
		YES		NO		
		N	(%)	N	(%)	
1	Antelope Valley Hospital	2,296	53.8	1969	46.2	4265
	SPA Total	2,296	53.8	1969	46.2	4265
2	Glendale Adventist Med Ctr	1,238	52.2	1133	47.8	2371
	Glendale Memorial Hospital	1,111	61.0	710	39.0	1821
	Granada Hills Community Hospital	254	94.1	16	5.9	270
	Henry Mayo Newhall Memorial	70	5.8	1142	94.2	1212
	Kaiser Hospital: Panorama City	0	0.0	1775	100.0	1775
	Kaiser Hospital: Woodland Hills	< 5	0.1	1519	99.9	1520
	NHMC-Sherman Way Campus	2,371	90.2	257	9.8	2628
	Northridge Hospital Med Ctr	1,392	54.4	1168	45.6	2560
	Olive View Med Ctr	895	98.4	15	1.6	910
	Pacifica Hospital Of The Valley	787	86.6	122	13.4	909
	Providence Holy Cross Medical	678	35.6	1227	64.4	1905
	Providence St. Joseph Medical	904	40.4	1334	59.6	2238
	Valley Presbyterian Hospital	2,602	76.0	823	24.0	3425
	Verdugo Hills Hospital	28	3.7	722	96.3	750
	SPA Total	12,331	50.8	11963	49.2	24294
3	Citrus Valley Med Ctr-Qv	2,500	54.8	2066	45.2	4566
	East Valley Hospital Medical	553	90.5	58	9.5	611
	Foothill Presbyterian Hospital	190	25.2	563	74.8	753
	Garfield Med Ctr	2,592	72.0	1008	28.0	3600
	Greater El Monte Community	1,006	93.9	65	6.1	1071
	Huntington Memorial Hospital	997	26.2	2804	73.8	3801
	Kaiser Hospital: Baldwin Park	0	0.0	3030	100.0	3030
	Methodist Hospital Of Southern	690	39.0	1078	61.0	1768
	Monterey Park Hospital	2,330	88.5	303	11.5	2633
	Pomona Valley Hospital Medical	1,854	66.1	952	33.9	2806
	San Dimas Community Hospital	70	12.4	495	87.6	565
	San Gabriel Valley Med Ctr	539	27.8	1401	72.2	1940
	Santa Teresita Hospital	90	72.0	35	28.0	125
SPA Total	13,411	49.2	13858	50.8	27269	
4	Beverly Health & Birthing Center	10	83.3	< 5	16.7	12
	California Hospital Med Ctr	4,372	98.0	91	2.0	4463
	Cedars Sinai Med Ctr	1,264	18.2	5673	81.8	6937
	East Los Angeles Doctors Hospital	509	95.9	22	4.1	531
	Good Samaritan Hospital	1,461	42.3	1994	57.7	3455
	Kaiser Hospital: Los Angeles,	< 5	0.1	2358	99.9	2360
	La County U.S.C. Med Ctr	1,422	97.9	31	2.1	1453
	Los Angeles Community Hospital	333	84.9	59	15.1	392
	Pacific Alliance Med Ctr	2,066	98.7	28	1.3	2094
	Queen Of Angels-Hollywood	3,508	84.4	648	15.6	4156
	White Memorial Med Ctr	2,129	66.8	1059	33.2	3188
	SPA Total	17,076	58.8	11965	41.2	29041
5	Kaiser Hospital: Los Angeles	37	2.5	1457	97.5	1494
	Santa Monica UCLA Med Ctr	159	8.4	1725	91.6	1884
	St. Johns Hospital And Health	6	0.4	1398	99.6	1404
	U.C.L.A. Med Ctr	861	49.2	889	50.8	1750
	SPA Total	1,063	16.3	5469	83.7	6532

**Medi-Cal and Non-Medi-Cal Paid Total Live Births by SPA and Hospital
Los Angeles County, 2003**

SPA	DELIVERY HOSPITAL	MEDI-CAL PAID DELIVERY				TOTAL N
		YES		NO		
		N	(%)	N	(%)	
6	La County King/Drew Med Ctr	715	99.4	< 5	0.6	719
	Los Angeles Metropolitan Hospital	1,273	94.5	74	5.5	1347
	St. Francis Med Ctr	5,171	89.8	590	10.2	5761
	Suburban Med Ctr	2,738	94.3	166	5.7	2904
	SPA Total	9,897	92.2	834	7.8	10731
7	Bellflower Med Ctr	919	94.5	53	5.5	972
	Beverly Hospital	1,196	64.1	670	35.9	1866
	Downey Regional Med Ctr	402	31.2	887	68.8	1289
	Kaiser Hospital: Bellflower	0	0.0	3390	100.0	3390
	Lakewood Regional Med Ctr	531	41.7	743	58.3	1274
	Mission Hospital	1,853	97.1	56	2.9	1909
	Presbyterian Intercommunity	1,297	40.3	1923	59.7	3220
	Santa Marta Hospital And Clinic	513	90.0	57	10.0	570
	Whittier Hospital	1,076	64.5	593	35.5	1669
	SPA Total	7,787	48.2	8372	51.8	16159
8	Centinela Hospital Med Ctr	1,537	62.2	933	37.8	2470
	Daniel Freeman Memorial Hospital	1,499	85.3	259	14.7	1758
	Kaiser Hospital: Harbor City	58	3.2	1760	96.8	1818
	LA County Harbor - UCLA Medical	927	99.9	< 5	0.1	928
	Little Company Of Mary Hospital	780	26.5	2161	73.5	2941
	Long Beach Memorial Medical	2,165	45.3	2612	54.7	4777
	Memorial Hospital Of Gardena	555	77.8	158	22.2	713
	Pacific Hospital Of Long Beach	1,249	98.9	14	1.1	1263
	Robert F. Kennedy Med Ctr	932	96.0	39	4.0	971
	San Pedro Peninsula Hospital	584	72.0	227	28.0	811
	St. Marys Med Ctr	2,158	92.1	185	7.9	2343
	Torrance Memorial Med Ctr	535	13.5	3442	86.5	3977
	SPA Total	12,979	52.4	11791	47.6	24770
TOTAL		76,840	53.7	66221	46.3	143061

NOTE: Does not include out-of-county hospitals or births that occurred at home or in transit.
Does not include births with missing expected payment source.
Only mothers who reside in LA County were selected for analysis.
Source of payment status is based on expected source of payment for delivery.

Source: California Department of Health Services, Center for Health Statistics, 2003

Appendix

APPENDIX A

Washington State DHS

http://www.doh.wa.gov/EHSPHL/CHS/Vista/Statistical_calculations.htm#KOTELCHUCK%20INDEX

KOTELCHUCK INDEX FOR PRENATAL CARE

To classify a mother's prenatal care history, Kotelchuck first determines the "expected number of visits" based on the gestational age of the infant and the month care began:

Gestational Age	Month Care Began			
	1st	2nd	3rd	4th
6 - 9	1			
10 - 13	2	1		
14 - 17	3	2	1	
18 - 21	4	3	2	1
22 - 25	5	4	3	2
26 - 29	6	5	4	3
30 - 31	7	6	5	4
32 - 33	8	7	6	5
34 - 35	9	8	7	6
36	10	9	8	7
37	11	10	9	8
38	12	11	10	9

Prenatal care is then:

Inadequate: fewer than 50% of expected visits

Intermediate: 50-79.9% of expected visits

***Adequate:** 80-109.9% of expected visits

***Adequate±:** 110% or more of expected visits

*combined as "Adequate Care - Kotelchuck" risk factor.

Note 1 -- Expected visits are listed only for care beginning in the first four months of pregnancy. If care begins after the fourth month, it is classified as "Inadequate" regardless of the number of visits.

Note 2 -- The Kotelchuck index is computed only when the gestational age can be calculated from the date of birth minus the "date last normal menses began" as entered on the birth certificate. I.e., it is not computed from estimated gestational age.

For a discussion of the Kessner and Kotelchuck indices, see "Kotelchuck, M. An Evaluation of the Kessner Adequacy of Prenatal Care Index and a Proposed Adequacy of Prenatal Care Utilization Index. **Am J Public Health.** 1994; 84:1414-1420".

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