

Los Angeles Mommy and Baby (LAMB) Project First 5 LA 14 Best Start Community Report



Contents

About the Los Angeles Mommy and Baby Project.....	3
Selected Demographic Indicators, Non-First 5 LA Community and All First 5 LA's 14 Communities.....	5
Tables, by First 5 LA's 14 Communities	
■ Pre-Pregnancy Health.....	6
■ Prenatal Care and Maternal Risk Factors During Pregnancy.....	7
■ Psychosocial and Behavioral Risk Factors During Pregnancy.....	8
■ Postpartum Health.....	9
Technical Notes.....	10
Acknowledgments.....	13

About LAMB

The Los Angeles Mommy and Baby (LAMB) Project is a public health surveillance project developed by the Maternal, Child, and Adolescent Health (MCAH) Programs of Los Angeles County in 2004. The LAMB Project collects countywide population-based data on maternal attitudes and experiences before, during, and shortly after pregnancy.

The LAMB Project was first implemented in 2004 in Antelope Valley to address the high infant mortality rate observed in that region of Los Angeles County. The LAMB Project provided information on the risk factors and potential causes of infant mortality for women in the Antelope Valley. Since 2005, the project has been expanded to cover all of Los Angeles County, collecting data every other year. The purpose of LAMB is to collect and disseminate quality and useful data to MCAH stakeholders, with the ultimate goal, to improve the health of mothers and infants by reducing adverse birth outcomes and the risk factors that lead to high rates of low birth weight, pre-term births, and infant and maternal mortality and morbidity. To this end, LAMB has provided data to County health officials and MCAH community partners and stakeholders to assist in making decisions designed to improve the health of mothers and infants. LAMB data has been used by the Los Angeles County Department of Public Health of Los Angeles County, MCAH Programs and community stakeholders to monitor and examine trends over time in maternal and child health indicators, including: rates of unintended pregnancy, prenatal care, smoking and drinking during pregnancy, breast-feeding, well-baby checkups, infant illnesses, baby's sleep position, and exposure to secondhand smoke. The LAMB data provides additional information to supplement vital statistics from birth and death certificates which have been traditionally used to assist state and local maternal, child, and infant health programs in program and policy development. For more information about LAMB, please visit us at: <http://www.lalamb.org>.

Use of Combined 2007 and 2010 First 5 LA 14 Best Start Community Report

The 14 Best Start communities were identified as the high need areas of Los Angeles County. The selection process involved: assessing risk indicators such as low-birth weight, low-performing schools and poverty; as well as evaluating the strengths and capacity of each community including its leadership infrastructure and its potential for partnership.

This data report presents findings for the F5 LA 14 Best Start Communities by combining the 2007 and 2010 LAMB project data. A total of 12,849 eligible respondents are included in the 2007 and 2010 combined data. The combined project data allow more statistically stable and reliable estimates for each community. A weight is created by post-stratification on selected maternal and infant characteristics to ensure it is representing the combined 2007 and 2010 live birth population.

The following lists the 14 Best Start Communities:

- | | |
|-------------------------|----------------------|
| Broadway/Manchester | Pacoima/NE SFV |
| Central Long Beach | Palmdale |
| Compton | Panorama City |
| East LA | South East LA (SELA) |
| El Monte/South El Monte | Watts/Willowbrook |
| Lancaster | West Athens |
| Metro LA | Wilmington |

Research has indicated that various maternal behaviors and experiences before, during, and after pregnancy influence birth outcomes. Through the release of this report, MCAH Programs hopes that these data can be used to monitor and access trends, to plan and evaluate programs, and to direct policy decisions, with the ultimate goal to improve the health of mothers and infants in Los Angeles County. The LAMB Project recommends readers review the Technical Notes section of this report, which includes the Methodology and details of the sampling, data weighting, response rate, strength/limitations of the data, and a glossary of maternal/infant health terms.

The Combined 2007 and 2010 First 5 LA 14 Best Start Community Report presented here covers a wide range of health topics, including:

- Preconception health (health before pregnancy)
- Prenatal care and maternal medical conditions during pregnancy
- Psychosocial conditions during pregnancy
- Behavioral risk factors
- Postpartum care and infant health

Each section of the report contains tables displaying prevalence estimates by First 5 LA's 14 Best Start Communities. In every table, Non-First 5 LA Community and All First 5 LA Communities estimates are provided so that comparisons may be made among the 14 Best Start Communities and "Non" and "All" First 5 LA Communities.



Selected Demographic Indicators, 2007 & 2010	Non-First 5 LA Community (weighted total = 225,876) (%)	All First 5 LA Communities (weighted total = 56,728) (%)
Mother's Race/Ethnicity		
White	19.8	5.0
Hispanic	57.7	80.6
African American	6.5	10.6
Asian/Pacific Islander	13.7	3.0
Native American/Other/Unknown	2.3	0.8
Maternal Age		
<20	8.2	13.4
20-24	18.6	27.7
25-34	51.6	47.3
35+	21.6	11.5
Mother's Years of Education		
<12	25.9	43.4
=12	25.3	32.7
>12	48.8	23.9
Mother's Marital Status When Baby Was Born		
Married	58.5	43.8
Not married	41.5	56.2
Language(s) Usually Spoken at Home		
English	70.2	59.4
Spanish	43.8	68.7
Asian Language	8.5	2.0
Other Language	5.9	1.7
Household Income		
<\$20,000	36.4	57.4
\$20,000 - \$39,999	22.4	26.3
\$40,000 - \$59,999	10.1	8.5
\$60,000 - \$99,999	14.5	5.3
\$100,000 and more	16.6	2.5
Preterm/Low Birth Weight		
Preterm	11.7	11.6
Low Birth Weight	7.3	5.6

Pre-Pregnancy Health by First 5 LA Community, 2007 & 2010

	Non-First 5 LA Community (weighted total = 225,876) (%)	All First 5 LA Communities (weighted total = 56,728) (%)	Broadway/Manchester (weighted total = 3,366) (%)	Central Long Beach (weighted total = 3,850) (%)	Compton (weighted total = 5,297) (%)	East LA (weighted total = 5,195) (%)	EI Monte/South EI Monte (weighted total = 3,041) (%)	Lancaster (weighted total = 4,567) (%)	Metro LA (weighted total = 3,268) (%)	Pacoima/NE SFV (weighted total = 4,746) (%)	Palmdale (weighted total = 5,196) (%)	Panorama City (weighted total = 5,023) (%)	SELA (weighted total = 5,997) (%)	Watts/Willowbrook (weighted total = 3,703) (%)	West Athens (weighted total = 1,468) (%)	Wilmington (weighted total = 2,011) (%)
Access to Health Care Before Pregnancy																
Uninsured	33.3	45.5	44.4	39.5	39.8	48.6	47.1	29.2	69.5	48.5	31.4	58.7	51.5	43.5	48.6	40.0
On Medi-Cal	28.9	53.5	72.9	68.5	57.1	51.4	53.9	46.6	47.8	45.4	49.1	50.8	48.0	57.1	69.9	43.0
Preconception Health Behaviors and Experiences																
No preconception health counseling ¹	68.5	76.2	77.9	65.6	70.9	82.2	78.3	76.4	73.0	77.5	78.7	75.1	84.2	75.8	61.8	75.1
Not taking a multivitamin	50.3	61.8	63.0	61.5	68.7	65.9	63.4	54.9	70.0	56.2	60.3	54.5	63.1	67.8	53.6	59.6
Did not have enough money for food	5.9	8.0	12.4	10.9	9.8	5.7*	6.7*	8.7	11.2*	5.4*	10.5	2.5*	4.2*	12.5*	5.4*	9.5*
Smoked in the 6 months before pregnancy	9.7	10.1	14.2	9.1*	6.3*	7.2*	5.4*	20.9	5.4*	7.9*	14.8	7.5*	8.2*	15.4*	10.8*	7.7*
Family Planning Practices																
Received fertility treatment	4.7	2.2	3.7*	1.8*	2.3*	2.8*	5.3*	1.5*	3.3*	1.3*	0.8*	1.4*	0.0	6.1*	0.0	1.5*
Ever used emergency contraception	13.5	10.6	6.6*	9.4*	9.8	8.5	10.1*	9.3	12.1*	18.1	6.0	8.1	14.5*	13.5*	11.8*	10*
Preconception Health Conditions																
Overweight/Obese	41.5	50.4	52.6	50.2	52.0	49.6	57.5	44.6	46.8	46.7	54.3	51.2	50.8	54.6	45.3	45.4
Asthma	4.8	4.8	6.4*	4.0*	2.6*	4.4*	6.3*	8.7	2.6*	1.9*	5.5	6.0*	4.5*	5.2*	3.8*	6.1*
High blood pressure	3.4	5.4	7.2*	5.7*	5.0*	4.6*	1.2*	2.4*	4.1*	6.2*	6.0*	9.0*	3.5*	7.8*	6.8*	7.5*
Diabetes	2.4	4.4	3.3*	5.1*	4.5*	1.5*	6.3*	3.0*	4.5*	4.9*	3.6*	7.6*	4.2*	4.9*	5.1*	4.8*
Anemia	10.9	15.1	19.1	15.2	15.3	12.7	13.8*	17.3	10.5*	13.0	15.7	14.2*	18.9	9.8*	25.7*	14.2*
Periodontal disease	10.5	13.5	15.8	10.3*	13.8	13.9	12.9*	11.2	14.0*	20.3	10.9	18.0	11.5*	8.5*	13.1*	14.9*
Obstetric History																
Previous preterm birth	7.3	10.2	13.3*	8.6*	11.0	14.8	3.2*	8.4	11.8*	9.1*	11.5	13.3*	8.3*	7.3*	8.5*	9.4*
Previous low birth weight	6.2	9.0	11.1*	6.0*	11.4	12.1*	3.3*	10.0	11.8*	9.1*	10.2	9.4*	5.0*	9.2*	3.7*	9.7*
Stillbirth (pregnancy that did not result in a live birth)	1.8	2.9	1.2*	0.7*	1.8*	3.5*	1.3*	1.6*	6.4*	2.8*	2.3*	1.4*	3.0*	8.4*	4.2*	4.4*
Previous miscarriage	19.8	14.3	12.0*	9.7*	15.3	13.5	10.3*	21.3	11.6*	15.0	20.9	16.1	7.5*	18.0*	5.7*	14.9*
Previous abortion	17.2	12.4	17.8	14.9	12.0	12.3*	12.4*	20.1	9.4*	11.5	13.8	13.9*	3.5*	10.7*	5.5*	12.2*

*Signifies that the estimate is statistically unstable (relative standard error > 25%) and therefore may not be appropriate to use for planning or policy purposes.

¹Question asked: During the six months before you got pregnant with your new baby, did you talk to a doctor, nurse, or other health care worker about how to prepare for a healthy baby and pregnancy?

Prenatal Care and Maternal Risk Factors During Pregnancy by First 5 LA Community, 2007 & 2010

	Non-First 5 LA Community (weighted total = 225,876) (%)	All First 5 LA Communities (weighted total = 56,728) (%)	Broadway/Manchester (weighted total = 3,366) (%)	Central Long Beach (weighted total = 3,850) (%)	Compton (weighted total = 5,297) (%)	East LA (weighted total = 5,195) (%)	El Monte/South El Monte (weighted total = 3,041) (%)	Lancaster (weighted total = 4,567) (%)	Metro LA (weighted total = 3,268) (%)	Pacoima/NE SFV (weighted total = 4,746) (%)	Palmdale (weighted total = 5,196) (%)	Panorama City (weighted total = 5,023) (%)	SELA (weighted total = 5,997) (%)	Watts/Willowbrook (weighted total = 3,703) (%)	West Athens (weighted total = 1,468) (%)	Wilmington (weighted total = 2,011) (%)
Prenatal Care																
Entered prenatal care after 1st trimester	9.4	11.4	8.4*	12.2	9.7	9.6*	4.3*	18.4	10.6*	11.2	20.8	7.3*	8.9*	10.9*	17.4*	11.1*
Did not get prenatal care as early as wanted	14.7	19.1	14.4	22.0	16.4	19.3	14.5*	27.3	18.9	13.6	29.1	18.1	18.5	13.6*	21.6*	18.0
Traveled 15 miles or more for prenatal care	11.7	13.2	25.1	8.2*	10.3	10.2*	9.4*	14.6	11.6*	7.1*	35.1	9.6*	7.1*	10.6*	16.8*	8.7*
Prenatal care did not meet PHS guidelines ²	32.5	34.9	34.2	31.5	32.0	38.5	28.2	37.7	32.8	35.3	29.2	44.2	33.7	41.4	32.8*	32.5
Dissatisfied with amount of wait time at prenatal care	17.7	20.2	23.2	22.1	18.6	24.9	17.8*	26.2	25.0	17.3	20.1	16.6	23.5	11.9*	13.0*	12.5*
Dissatisfied with amount of time spent with doctor/nurse	10.6	12.7	11.3*	12.1	10.7	12.0	16.8*	15.6	17.7*	9.4	13.3	14.9*	14.3*	5.8*	15.0*	10.6*
Dissatisfied with advice given at prenatal care	7.3	8.4	9.4*	10.9*	5.3*	7.7*	15.0*	10.3	8.9*	5.2*	7.7	9.4*	11.2*	5.4*	7.0*	3.1*
Dissatisfied with understanding/respect received	3.7	4.4	8.8*	4.6*	3.2*	2.4*	4.3*	5.5	7.3*	7.0*	5.3*	2.5*	2.9*	2.4*	5.5*	1.2*
Medical Conditions During Pregnancy																
Labor pain 3 weeks before due date	15.4	17.0	21.2	21.0	16.3	15.2	18.6*	20.2	9.5*	20.3	20.9	17.2	10.8*	13.6*	21.1*	15.2
High blood pressure	10.6	11.6	13.5	10.9	12.2	7.3*	7.4*	12.1	8.9*	14.2	13.4	10.0*	11.7*	15.2*	20.0*	7.7*
Gestational diabetes	11.9	12.6	10.3*	14.8	9.9	9.7*	17.2*	13.1	6.5	15.2	15.4	17.4	12.2*	9.6*	10.0*	12.6*
Problems with the placenta ³	4.0	3.6	3.2*	1.9*	0.3*	2.3*	0.4*	4.7	3.5*	4.7*	5.7	5.8*	4.5*	6.6*	0.0	1.5*
Urinary tract infection	9.9	11.0	14.5	13.9	6.8*	8.2*	2.0*	13.2	12.6*	12.8	14.6	13.6*	10.5*	7.9*	10.4*	10.7*
Water broke more than 3 weeks early	4.9	5.0	5.0*	6.6*	5.6*	5.4*	2.0*	6.1	3.3*	7.2*	4.0*	4.4*	5.7*	2.5*	5.2*	4.5*
Incompetent cervix	2.8	3.7	4.1*	7.5*	3.2*	4.1*	5.3*	2.1*	6.2*	0.9*	2.4*	5.0*	3.3*	1.4*	3.9*	4.5*
Sexually transmitted disease	2.8	4.3	5.2*	6.1*	5.2*	2.0*	4.6*	5.9	6.4*	4.7*	3.5*	3.8*	4.2*	1.0*	8.3*	1.8*
Bacterial vaginosis	13.4	16.2	18.6	10.2*	10.5	14.6	17.4*	11.0	25.8	17.7	12.1	19.8	19.3	18.4*	28.4*	17.7
Periodontal disease	17.5	19.8	23.6	17.1	16.7	18.1	19.5*	19.0	28.6	20.4	16.9	20.0	19.8	21.3*	22.4*	19.8
Risk Behaviors During Pregnancy																
Smoking	2.5	3.3	7.1*	4.8*	4.1*	0.6*	0.1*	9.2	1.7*	1.0*	4.8	1.5*	0.6*	4.2*	9.3*	0.8*
Exposure to secondhand smoke ⁴	5.2	6.2	11.2*	9.8*	7.0*	2.3*	2.2*	11.5	4.3*	6.3*	8.8	3.0*	2.5*	6.4*	9.2*	7.2*
Drinking alcohol	11.1	7.1	7.7*	4.4*	9.7	7.3*	7.7*	9.1	9.2*	5.5*	4.9	6.7*	8.7*	2.3*	7.7*	8.0*
Did not exercise during pregnancy ⁵	27.5	27.8	22.7	25.0	27.9	29.3	37.1	32.7	29.1	26.9	30.7	22.5	22.3	24.9	41.2	28.1

*Signifies that the estimate is statistically unstable (relative standard error > 25%) and therefore may not be appropriate to use for planning or policy purposes.

²Question asked: During your first or second prenatal care visit, were these part of your visit? Blood pressure measured, urine sample given, blood sample taken, height and weight measured, had pelvic exam, health history taken, ultrasound done, doctor asked about prenatal lead exposure. Those who responded "No" to any of the first six items were recoded as "PHS guidelines not met."

³Question asked: During your pregnancy, did you have any of these problems? Respondents who answered "problems with placenta (such as abruptio placentae or placenta previa)" were coded as "problems with placenta."

⁴Question asked: During your pregnancy, about how many hours a day, on average, were you in the same room with someone who was smoking? Respondents who indicated more than 0 hours were coded as "exposed to secondhand smoke."

⁵Question asked: During your last pregnancy, how often did you exercise for 30 minutes or more? Respondents who answered "I didn't exercise" or "I didn't exercise; a doctor, nurse, or health care worker said not to exercise" were coded as "did not exercise during pregnancy."

Psychosocial and Behavioral Risk Factors During Pregnancy by First 5 LA Community, 2007 & 2010

	Non-First 5 LA Community (weighted total = 225,876) (%)	All First 5 LA Communities (weighted total = 56,728) (%)	Broadway/Manchester (weighted total = 3,366) (%)	Central Long Beach (weighted total = 3,850) (%)	Compton (weighted total = 5,297) (%)	East LA (weighted total = 5,195) (%)	El Monte/South El Monte (weighted total = 3,041) (%)	Lancaster (weighted total = 4,567) (%)	Metro LA (weighted total = 3,268) (%)	Pacoima/NE SFV (weighted total = 4,746) (%)	Palmdale (weighted total = 5,196) (%)	Panorama City (weighted total = 5,023) (%)	SELA (weighted total = 5,997) (%)	Watts/Willowbrook (weighted total = 3,703) (%)	West Athens (weighted total = 1,468) (%)	Wilmington (weighted total = 2,011) (%)
Social Support																
Dissatisfied with support given by the baby's father ⁶	10.2	12.3	17.6	11.2	17.4	11.7	10.4*	16.7	8.4*	14.9	13.5	10.3*	7.1*	9.2*	8.2*	12.2*
Experienced domestic violence/intimate partner abuse ⁷	2.6	3.3	2.2*	6.1*	2.7*	4.1*	2.1*	5.6	4.7*	3.0*	3.4*	1.2*	3.1*	2.7*	2.0*	2.8*
Social Environment																
Perceived neighborhood as unsafe ⁸	13.3	24.1	35.9	33.7	28.9	24.6	17.7*	17.0	30.7	19.8	18.2	12.6*	19.4	43.0	36.3	12.8*
Stressful Life Events During Pregnancy																
Family member had to go into the hospital	16.5	16.6	21.0	11.9	17.4	20.6	8.7*	18.8	10.9*	20.1	20.1	15.2	15.4*	15.6*	6.0*	22.9
Divorced/separated from husband/partner	7.9	9.6	11.6	8.2*	11.3	8.7*	6.3*	12.2	9.3*	14.4	10.5	4.1*	8.8*	9.5*	7.1*	9.7*
Moved to a new address	23.6	24.7	28.6	27.8	24.1	21.2	22.7	31.0	22.6	20.2	33.2	23.7	22.4	18.1*	22.5*	27.3
Were homeless	4.5	7.5	12.6	13.2	8.2	6.6*	7.0*	5.5	3.3*	6.0*	6.9	5.2*	7.3*	11.6*	7.1*	3.6*
Husband/partner lost his/her job	13.9	19.2	28.5	17.8	19.8	10.9*	20.6	18.8	11.3*	17.5	21.7	16.1	25.9	25.8*	11.0*	16.8
Lost job but wanted to continue working	10.4	14.5	21.3	15.7	13.9	8.9*	15.5*	12.1	11.6*	13.6	13.8	15.0*	16.3*	18.6*	15.6*	14.1*
Argued more than usual with husband/partner	28.8	30.9	37.2	32.6	29.3	35.6	20.9	35.2	26.3	35.5	29.5	25.3	28.8	30.8	38.7	29.7
Had a lot of bills that could not be paid	21.6	25.1	37.8	21.5	29.7	18.9	13.1*	27.7	21.3	26.2	33.6	18.4	29.1	26.1*	10.3*	20.9
Were in a physical fight	3.5	4.5	6.5*	3.6*	5.2*	3.4*	3.8*	7.1	5.3*	3.8*	3.3*	4.2*	4.6*	4.7*	3.9*	2.2*
Husband/partner or self went to jail	3.3	5.4	8.9*	7.3*	6.4*	6.6*	1.9*	7.5	3.2*	4.1*	7.4	2.9*	3.2*	4.3*	6.3*	4.9*
Someone close had drinking or drug problems	9.5	10.1	12.2*	8.8*	9.0	7.6*	8.5*	14.6	8.2*	11.6	15.2	9.7*	8.2*	7.6*	8.5*	9.4*
Someone close and important died	12.5	13.9	21.9	17.1	12.8	10.6*	5.0*	17.5	11.7*	17.7	17.5	8.4*	11.7*	12.2*	10.2*	21.5
Reported Ever Experiencing Discrimination																
Any discrimination	34.7	34.9	29.9	24.1	30.1	28.0	28.2*	40.1	19.8*	31.1	39.9	33.9	46.5	44.1	56.8	31.7
At work	15.0	12.7	6.3*	4.7*	12.1	12.9*	17.0*	14.6	7.5*	7.2*	16.5	16.5*	12.7*	12.5*	21.5*	11.2
When getting medical care	6.1	8.1	8.1*	7.0*	6.4*	9.4*	5.9*	10.0	3.8*	6.0*	8.7	8.4*	9.0*	15.1*	1.4*	6.1*
When getting housing	6.7	8.3	11.7*	3.9*	9.9*	6.1*	7.5*	10.2	3.7*	2.4*	9.9	9.4*	9.3*	10.3*	12.4*	7.4*
Because of race/color	15.9	14.8	18.4*	12.5*	15.6	6.7*	9.2*	21.8	11.3*	11.9*	17.1	12.0*	18.0*	22.4*	8.7*	14.2*
Because of gender	9.9	6.8	8.4*	4.5*	3.9*	4.3*	3.6*	8.6	7.6*	3.0*	11.1	6.3*	3.0*	14.6*	8.3*	8.0*
Because of pregnancy	12.8	12.6	17.8*	4.4*	13.9	9.2*	22.3*	15.4	6.6*	11.3*	16.1	12.5*	14.6*	5.7*	13.7*	11.3*

*Signifies that the estimate is statistically unstable (relative standard error > 25%) and therefore may not be appropriate to use for planning or policy purposes.

⁶Question asked: Overall, how satisfied were you with the support given by your baby's father during your pregnancy? Respondents who answered "somewhat dissatisfied" or "not at all satisfied" were coded as "dissatisfied."

⁷Question asked: During your last pregnancy, did the baby's father do any of the following for you? Hit or slap you when he was angry.

⁸Question asked: How would you perceive this neighborhood in terms of its safety from violence? Respondents who answered "Very Poor" or "Poor" were recoded to "Neighborhood Unsafe."

Postpartum Health by First 5 LA Community, 2007 & 2010

	Non-First 5 LA Community (weighted total = 225,876) (%)	All First 5 LA Communities (weighted total = 56,728) (%)	Broadway/Manchester (weighted total = 3,366) (%)	Central Long Beach (weighted total = 3,850) (%)	Compton (weighted total = 5,297) (%)	East LA (weighted total = 5,195) (%)	El Monte/South El Monte (weighted total = 3,041) (%)	Lancaster (weighted total = 4,567) (%)	Metro LA (weighted total = 3,268) (%)	Pacoima/NE SFV (weighted total = 4,746) (%)	Palmdale (weighted total = 5,196) (%)	Panorama City (weighted total = 5,023) (%)	SELA (weighted total = 5,997) (%)	Watts/Willowbrook (weighted total = 3,703) (%)	West Athens (weighted total = 1,468) (%)	Wilmington (weighted total = 2,011) (%)
Maternal Postpartum Health																
Had a postpartum check-up	91.9	89.4	83.8	87.3	90.6	86.7	94.4	87.0	93.7	91.3	83.1	95.6	90.6	87.1	91.6	91.4
Family planning discussed during check-up	86.1	84.6	85.9	81.1	85.5	86.5	77.8	81.0	91.2	89.4	81.7	86.5	82.0	82.3	87.2	92.2
Self-reported Postpartum Depression																
Not at all depressed	45.3	46.3	42.6	54.2	44.3	41.6	33.3	47.3	55.9	38.5	44.2	56.7	47.4	48.9	47.3	47.0
A little depressed	39.6	37.3	39.8	30.7	41.5	40.7	45.5	33.2	33.2	46.5	36.0	29.3	32.1	37.6	47.0	41.5
Moderately depressed	10.8	10.9	11.1*	12.3	7.4*	13.6	11.6*	14.3	7.9*	7.9*	14.4	7.0*	13.2*	11.0*	4.7*	8.5*
Very depressed	4.3	5.5	6.5*	2.8*	6.8*	4.1*	9.5*	5.2	3.1*	7.1*	5.3*	7.0*	7.3*	2.5*	1.0*	3.0*
Infant Health																
Had a well-baby check-up	98.3	97.5	96.9	97.8	97.2	98.8	100.0	95.5	96.2	99.4	95.6	99.7	99.7	91.6	96.0	99.1
Breastfeeding Practice																
Any breastfeeding	87.7	83.1	77.3	84.6	81.1	77.9	82.8	81.5	83.3	86.0	85.5	90.5	89.3	72.0	83.4	83.6
Baby's Sleep Environment⁹																
Sleeps on his/her side	23.7	30.6	35.6	37.1	30.1	30.9	34.4	21.3	36.3	28.3	22.6	34.1	26.0	38.7	36.3*	28.8
Sleeps on his/her back	70.6	64.7	56.9	59.6	62.8	64.7	63.9	71.8	63.2	66.0	71.0	62.4	71.9	56.9	49.0	68.8
Sleeps on his/her stomach	5.6	4.8	7.6*	3.3*	7.1	4.4*	1.7*	6.9	0.5*	5.8*	6.4	3.5*	2.1*	4.4*	14.7*	2.4*
Ever slept with another person ¹⁰	77.0	82.5	85.1	85.3	81.6	80.4	88.3	75.9	89.7	86.6	77.4	78.7	82.0	86.0	93.2	76.1

*Signifies that the estimate is statistically unstable (relative standard error > 25%) and therefore may not be appropriate to use for planning or policy purposes.

⁹Average age of babies at time of interview was greater in 2007 than 2010.

¹⁰Question asks: How often does your new baby sleep in the same bed with you or anyone else? Those who responded "Always," "Frequently," "Sometimes," or "Rarely" were recoded as "Ever slept with another person."

Technical Notes

I. Methods

LAMB Project data collection follows the Centers for Disease Control and Prevention (CDC) Pregnancy Risk Assessment Monitoring System (PRAMS) methodology¹. Women were selected from birth records. Selected mothers are first contacted by mail. If there is no response to repeated mailings, women are contacted and interviewed by telephone. The survey can be administered in English, Spanish, and Chinese, with translators available for other languages. In addition, an informational packet with resources and information about the Los Angeles County Hot-line 211 is sent along with the survey.

For more information about the LAMB survey project please go to: <http://www.lalamb.org>.

The finding presented in this report is based on the LAMB respondents from 2007 and 2010 project year to ensure statistically stable and reliable estimates.

II. Data Weighting

To get a representative picture of the mothers who gave birth in Los Angeles County in 2007 and 2010, a weight was created by post-stratifying on selected maternal and infant characteristics to minimize selection and response bias due to different sampling frames in 2007 and 2010. Specific factors selected in post-stratification include community level (14 communities and other), mother's race/ethnicity, mother's age, mother's education and infant's birth outcome status (low birth weight). The designation of survey respondents to each of the 14 communities were based on census tract correspondence tables (2000 census tract for 2007 data and 2010 for 2010 data) provided by F5 LA.

III. Response Rate

The adjusted response rates for 2007 and 2010 were 56% and 57% respectively. Based on calculations proposed by the American Association for Public Opinion Research (AAPOR)².

The 2007 and 2010 combined project data total is 12,849 weighted to represent 282,604 live births in 2007 and 2010. The total number of respondents in the 14 Best Start Communities is 2,659 weighted to represent 56,728 live births in 2007 and 2010.

IV. Statistical Methods

Point estimates and their variances were calculated using the SAS, PROC SURVEYFREQ procedures, (Release 9.2, North Carolina) to account for the complex sample design. In this report, relative standard error (RSE) more than 25% is used as the criterion for determining that the estimate is statistically unstable and therefore may not be appropriate to use for planning or policy purposes.

RSE is calculated by "dividing the standard error of the estimate by the estimate itself, then multiplying that result by 100." For example, if the estimate of cigarette smokers is 20 percent and the standard error of the estimate is 3 percent, the RSE of the estimate = $(3/20) * 100$, or 15 percent^{3,4}.

All missing and unknown response values were excluded from individual calculations where applicable.

V. Strengths and Limitations

Strengths: The combined project 2007 and 2010 LAMB Project data allow a more robust post-stratification procedure and therefore more reliable and stable prevalence estimates as compared to individual year data.

Limitations: The combined data can only generate estimates apply to 2007 and 2010 combined population. Therefore, the prevalence estimates should be interpreted as such. Individual year estimates for the 14 communities cannot be derived based on this method. Even though combined data provide more stable estimates, it may still be too small for some communities.

If so, these are indicated by an asterisk. Although efforts are made to minimize potential biases, non-response, recall, and non-coverage may still be present.

VI. Glossary

Unintended/mistimed pregnancy: just before becoming pregnant, wanting to be pregnant later (i.e. mistimed) or not wanting to be pregnant then or at any time in the future (i.e. unwanted).

Preterm Birth: an infant born before 37 weeks gestation.

Overweight/Obese: respondents were considered to be overweight if their Body Mass Index (BMI) was 25.0-29.9, and obese if their BMI was ≥ 30.0 . Respondents' BMI was calculated on the basis of their self-reported pre-pregnancy height and weight. BMI categories were based on published BMI categories for adults from Center for Disease Control and Prevention (CDC).

Low Birth Weight: an infant weighing less than 2500 grams or 5 pounds 8 ounces at birth.

Meeting the PHS prenatal care guidelines: meeting all the recommendations of the Public Health Service Expert Panel on the Content of Prenatal Care (1989), including having blood pressure measured, urine and blood samples taken, height and weight measured, a pelvic exam, and a health history taken.

Depressed during pregnancy: feeling depressed for most of the day for two weeks or longer during pregnancy.

VII. References

1. Disease Control and Prevention (CDC) Pregnancy Risk Assessment Monitoring System (PRAMS)
<http://www.cdc.gov/prams/methodology.htm>
2. American Association for Public Opinion Research (AAPOR)
http://www.aapor.org/Standard_Definitions/2852.htm
3. Behavioral Risk Factor Survey Relative Standard Error
<http://www.dhs.wisconsin.gov/wish/main/BRFS/rse.htm>
4. National Center for Health Statistics Reference
<http://www.cdc.gov/nchs/data/statnt/statnt24.pdf>

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For more information about the LAMB Survey Project, please go to <http://www.lalamb.org> or contact Shin Margaret Chao at (213) 639-6470 or email at schao@ph.lacounty.gov

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