

U.S. Birth Certificate Natality Data (1993, 1998, 2003, Nation)

U.S. Birth Certificate Data Summary for 2003. 116 pages. Tables and full report can be found at:

- Centers for Disease Control and Prevention. 2005. Births: Final data for 2003. *National Vital Statistics Reports*. 54(2): September 8, 2005. [Online]. Available: http://www.cdc.gov/nchs/data/nvsr/nvsr54/nvsr54_02.pdf

Table of Contents

Distribution of weight gain during pregnancy (live, singleton, term births):

1. By Year (1993–2003)..... P.2
2. By Race/Ethnicity and Year (1993–2003)..... P.3
3. By Maternal Age and Year (1993–2003)..... P.5
4. By Parity and Year (1993–2003)..... P.6

Distribution of weight gain during pregnancy (live, singleton, preterm births):

5. By year (1993–2003)..... P.7
6. By Race/Ethnicity and Year (1993–2003).....P.8
7. By Maternal Age and Year (1993–2003).....P.10
8. By Parity and Year (1993–2003).....P.11

Distribution of weight gain during pregnancy (live, twin, term births):

9. By Year (1993–2003).....P.12

Table 1: Distribution of weight gain during pregnancy among live, singleton, term births by year: United States (1993-2003)¹

<i>Weight gain during pregnancy (pounds)</i>	Year					
	1993		1998		2003	
	N	%	N	%	N	%
<15	176,205	7.4	209,872	8.4	249,783	9.3
15-24	503,534	21.1	511,572	20.5	540,806	20.2
25-29	389,472	16.3	381,600	15.3	394,864	14.8
30-34	469,979	19.7	465,068	18.6	477,510	17.9
35-39	447,557	18.7	469,011	18.8	489,846	18.3
41+	403,230	16.9	463,082	18.5	520,441	19.5
Total²	2,389,977		2,500,205		2,673,250	

Source: United States Natality Data Files, 1993, 1998, 2003. Prepared by National Center for Health Statistics

Table 2: Distribution of weight gain during pregnancy among live, singleton, term births by race/ethnicity and year, United States (1993-2003)¹

<i>Race/ethnicity</i>	Year					
	1993		1998		2003	
	N	%	N	%	N	%
Non Hispanic White						
Pregnancy weight gain (lbs)						
<15	104,316	6.3	120,922	7.3	132,593	7.9
15-24	325,755	19.5	317,776	19.1	305,424	18.3
25-29	276,736	16.6	258,164	15.5	246,588	14.8
30-34	339,201	20.4	319,369	19.2	306,798	18.4
35-39	330,349	19.8	328,091	19.7	327,097	19.6
41+	290,435	17.4	320,017	19.2	352,340	21.1
Non Hispanic Black						
Pregnancy weight gain (lbs)						
<15	40,981	11.2	44,993	12.1	49,985	13.2
15-24	90,599	24.7	85,642	23.0	84,147	22.2
25-29	53,595	14.6	50,113	13.5	50,769	13.4
30-34	62,679	17.1	61,238	16.5	60,225	15.9
35-39	58,589	16.0	61,166	16.4	60,988	16.1
41+	60,270	16.4	68,702	18.5	72,898	19.2
Hispanic						
Pregnancy weight gain (lbs)						
<15	22,355	9.1	32,937	10.0	54,129	11.5
15-24	60,929	24.8	78,000	23.7	116,421	24.8
25-29	39,827	16.2	50,739	15.4	71,983	15.3
30-34	46,027	18.7	58,176	17.7	80,936	17.2
35-39	39,688	16.1	55,532	16.9	74,225	15.8
41+	37,291	15.2	53,721	16.3	71,610	15.3
Non Hispanic Other						
Pregnancy weight gain (lbs)						
<15	6,622	7.9	8,378	8.0	11,342	8.2
15-24	20,862	25.0	24,341	23.3	32,131	23.1
25-29	14,979	17.9	17,972	17.2	23,461	16.9
30-34	16,436	19.7	20,353	19.5	26,986	19.4
35-39	13,844	16.6	18,533	17.7	24,636	17.7
41+	10,775	12.9	14,968	14.3	20,520	14.8
Asian/Pacific Islander³						
Pregnancy weight gain (lbs)						
<15	4,455	6.9	5,685	6.8	7,216	6.6
15-24	16,282	25.3	19,711	23.5	25,380	23.4
25-29	12,177	18.9	15,171	18.1	19,267	17.7
30-34	13,230	20.6	17,076	20.4	22,002	20.3
35-39	10,718	16.7	15,249	18.2	19,942	18.4
41+	7,467	11.6	10,839	12.9	14,796	13.6
American Indian³						
Pregnancy weight gain (lbs)						

<15	2,636	10.0	3,060	12.2	3,767	13.7
15-24	5,576	21.2	5,501	21.9	6,249	22.7
25-29	3,458	13.1	3,427	13.7	3,661	13.3
30-34	4,033	15.3	4,026	16.1	4,448	16.1
35-39	3,814	14.5	4,041	16.1	4,251	15.4
41+	3,964	15.1	5,010	20.0	5,195	18.8

Source: United States Natality Data Files, 1993, 1998, 2003. Prepared by National Center for Health Statistics, Division of Vital Statistics.

Notes: ¹Data based on all states, except California, which does not require reporting of weight gain during pregnancy, and the District of Columbia. Weight gain data based on medical record abstraction and self-report.

²Data on weight gain missing for approximately 7% of birth certificates from states that collect information on pregnancy weight gain.

³Data for Asian/Pacific Islander and American Indian may include women of Hispanic ethnicity.

Table 3: Distribution of weight gain during pregnancy among live, singleton, term births by maternal age and year, United States (1993-2003)¹

<i>Race/ethnicity</i>	Year					
	1993		1998		2003	
	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%
Maternal age <20 yrs						
Pregnancy weight gain (lbs)						
<15	19,688	6.9	20,548	6.9	20,596	7.7
15-24	59,634	20.8	55,078	18.4	49,847	18.7
25-29	40,471	14.1	38,902	13.0	34,588	13.0
30-34	50,284	17.5	50,175	16.8	43,823	16.4
35-39	51,559	18.0	55,848	18.7	47,978	18.0
41+	65,293	22.8	78,714	26.3	70,214	26.3
Maternal age 20-34 yrs						
Pregnancy weight gain (lbs)						
<15	130,658	7.4	154,262	8.6	184,261	9.5
15-24	370,081	20.9	364,876	20.4	389,187	20.0
25-29	291,086	16.4	272,516	15.2	284,242	14.6
30-34	351,929	19.8	333,811	18.7	345,611	17.8
35-39	334,676	18.9	336,732	18.8	356,998	18.4
41+	295,287	16.6	327,109	18.3	381,059	19.6
Maternal age >34 yrs						
Pregnancy weight gain (lbs)						
<15	25,859	7.9	35,062	8.5	44,926	9.7
15-24	73,819	22.4	91,618	22.3	101,772	21.9
25-29	57,915	17.6	70,182	17.0	76,034	16.4
30-34	67,766	20.6	81,082	19.7	88,076	18.9
35-39	61,322	18.6	76,431	18.6	84,870	18.3
41+	42,650	13.0	57,259	13.9	69,168	14.9

Source: United States Natality Data Files, 1993, 1998, 2003. Prepared by National Center for Health Statistics, Division of Vital Statistics.

Notes: ¹Data based on all states, except California, which does not require reporting of weight gain during pregnancy, and the District of Columbia.

Table 4: Distribution of weight gain during pregnancy among live, singleton, term births by parity and year, United States (1993-2003)¹

<i>Race/ethnicity</i>	Year					
	1993		1998		2003	
	N	%	N	%	N	%
Nulliparous (no prior live births)						
Pregnancy weight gain (lbs)						
<15	49,005	5.0	57,220	5.6	68,308	6.3
15-24	173,819	17.7	171,729	16.9	180,944	16.7
25-29	150,763	15.4	146,340	14.4	151,170	13.9
30-34	194,210	19.8	189,398	18.6	194,262	17.9
35-39	201,580	20.6	210,256	20.7	219,002	20.2
41+	210,270	21.5	243,238	23.9	271,941	25.0
Multiparous (one or more prior live births)						
Pregnancy weight gain (lbs)						
<15	126,326	9.0	151,633	10.3	181,020	11.4
15-24	328,419	23.4	337,845	23.0	358,995	22.7
25-29	237,612	16.9	233,799	15.9	243,019	15.4
30-34	274,326	19.5	273,739	18.6	282,419	17.8
35-39	244,776	17.4	256,776	17.4	269,877	17.1
41+	191,873	13.7	217,943	14.8	247,447	15.6

Source: United States Natality Data Files, 1993, 1998, 2003. Prepared by National Center for Health Statistics, Division of Vital Statistics.

Notes: ¹Data based on all states, except California, which does not require reporting of weight gain during pregnancy, and the District of Columbia.

Table 5: Distribution of weight gain during pregnancy among live, singleton, preterm births by year: United States (1993-2003)¹

<i>Weight gain during pregnancy (pounds)</i>	Year					
	1993		1998		2003	
	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
<15	42,302	14.8	46,178	15.3	55,175	16.1
15-24	83,311	29.2	82,363	27.3	90,303	26.3
25-29	44,570	15.6	44,378	14.7	49,395	14.4
30-34	45,637	16.0	47,687	15.8	52,829	15.4
35-39	37,605	13.2	42,256	14.0	47,773	13.9
41+	31,587	11.1	38,894	12.9	47,518	13.9
Total²	285,012		301,756		342,993	

Source: United States Natality Data Files, 1993, 1998, 2003. Prepared by National Center for Health Statistics, Division of Vital Statistics.

Notes: ¹Data based on all states, except California, which does not require reporting of weight gain during pregnancy, and the District of Columbia. Weight gain data based on medical record abstraction and self-report.

²Data on weight gain missing for approximately 7% of birth certificates from states that collect information on pregnancy weight gain.

Table 6: Distribution of weight gain during pregnancy among live, singleton, preterm births by race/ethnicity and year, United States (1993-2003)¹

<i>Race/ethnicity</i>	Year					
	1993		1998		2003	
	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%
Non Hispanic White						
Pregnancy weight gain (lbs)						
<15	18,805	11.9	21,552	12.8	24,743	13.4
15-24	43,742	27.8	43,920	26.1	45,715	24.8
25-29	26,365	16.8	26,128	15.5	27,765	15.0
30-34	27,033	17.2	28,039	16.7	29,909	16.2
35-39	22,911	14.6	25,443	15.1	28,102	15.2
41+	18,522	11.8	23,054	13.7	28,456	15.4
Non Hispanic Black						
Pregnancy weight gain (lbs)						
<15	16,896	20.2	15,483	20.4	16,435	21.3
15-24	26,010	31.1	21,824	28.7	20,888	27.1
25-29	11,362	13.6	9,749	12.8	9,699	12.6
30-34	11,543	13.8	10,688	14.1	10,767	13.9
35-39	9,263	11.1	9,153	12.0	9,326	12.1
41+	8,596	10.3	9,111	12.0	10,093	13.1
Hispanic						
Pregnancy weight gain (lbs)						
<15	4,808	15.3	6,964	16.4	11,347	18.0
15-24	9,627	30.6	12,257	28.8	18,436	29.2
25-29	4,760	15.1	6,094	14.3	9,044	14.3
30-34	5,026	16.0	6,517	15.3	9,364	14.9
35-39	3,893	12.4	5,647	13.3	7,895	12.5
41+	3,312	10.5	5,110	12.0	6,958	11.0
Non Hispanic Other						
Pregnancy weight gain (lbs)						
<15	1,380	13.9	1,728	14.2	2,298	14.2
15-24	3,181	32.1	3,588	29.6	4,794	29.6
25-29	1,685	17.0	1,975	16.3	2,636	16.3
30-34	1,590	16.0	1,987	16.4	2,526	15.6
35-39	1,194	12.1	1,611	13.3	2,172	13.4
41+	877	8.9	1,242	10.2	1,774	11.0
Asian/Pacific Islander³						
Pregnancy weight gain (lbs)						
<15	918	13.0	1,221	13.2	1,445	12.0
15-24	2,318	32.8	2,772	29.9	3,688	30.7
25-29	1,265	17.9	1,608	17.4	2,105	17.5
30-34	1,150	16.3	1,573	17.0	1,954	16.3
35-39	856	12.1	1,247	13.5	1,642	13.7
41+	569	8.0	835	9.0	1,186	9.9
American Indian³						
Pregnancy weight gain (lbs)						

<15	548	13.8	578	17.0	802	19.4
15-24	1,002	25.2	936	27.5	1,160	28.0
25-29	500	12.6	463	13.6	501	12.1
30-34	526	13.3	491	14.4	570	13.8
35-39	404	10.2	443	13.0	521	12.6
41+	364	9.2	494	14.5	585	14.1

Source: United States Natality Data Files, 1993, 1998, 2003. Prepared by National Center for Health Statistics, Division of Vital Statistics.

Notes:

¹Data based on all states, except California, which does not require reporting of weight gain during pregnancy, and the District of Columbia. Weight gain data based on medical record abstraction and self-report.

²Data on weight gain missing for approximately 7% of birth certificates from states that collect information on pregnancy weight gain.

³Data for Asian/Pacific Islander and American Indian may include women of Hispanic ethnicity.

Table 7: Distribution of weight gain during pregnancy among live, singleton, preterm births by maternal age and year, United States (1993-2003)¹

<i>Race/ethnicity</i>	Year					
	1993		1998		2003	
	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%
Maternal age <20 yrs						
Pregnancy weight gain (lbs)						
<15	8,240	16.0	7,475	14.8	7,285	15.9
15-24	15,464	30.0	13,526	26.9	11,978	26.2
25-29	7,302	14.1	6,826	13.6	5,997	13.1
30-34	7,612	14.7	7,540	15.0	6,713	14.7
35-39	6,530	12.6	7,100	14.1	6,149	13.4
41+	6,475	12.5	7,905	15.7	7,609	16.6
Maternal age 20-34 yrs						
Pregnancy weight gain (lbs)						
<15	28,310	14.5	30,706	15.2	37,697	15.9
15-24	56,231	28.8	54,690	27.1	61,467	26.0
25-29	30,936	15.9	29,789	14.8	34,177	14.4
30-34	31,827	16.3	32,275	16.0	36,692	15.5
35-39	26,122	13.4	28,618	14.2	33,488	14.2
41+	21,536	11.0	25,878	12.8	33,133	14.0
Maternal age >34 yrs						
Pregnancy weight gain (lbs)						
<15	5,752	15.0	7,997	16.2	10,193	16.8
15-24	11,616	30.2	14,147	28.6	16,858	27.8
25-29	6,332	16.5	7,763	15.7	9,221	15.2
30-34	6,198	16.1	7,872	15.9	9,424	15.5
35-39	4,953	12.9	6,538	13.2	8,136	13.4
41+	3,576	9.3	5,111	10.3	6,776	11.2

Source: United States Natality Data Files, 1993, 1998, 2003. Prepared by National Center for Health Statistics, Division of Vital Statistics.

Notes: ¹Data based on all states, except California, which does not require reporting of weight gain during pregnancy, and the District of Columbia.

Table 8: Distribution of weight gain during pregnancy among live, singleton, preterm births by parity and year, United States (1993-2003)¹

<i>Race/ethnicity</i>	Year					
	1993		1998		2003	
	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%
<i>Nulliparous (no prior live births)</i>						
Pregnancy weight gain (lbs)						
<15	15,245	12.5	16,260	12.7	18,922	12.5
15-24	33,055	27.2	32,098	25.0	34,047	22.4
25-29	19,129	15.7	19,001	14.8	20,070	13.2
30-34	20,255	16.6	20,900	16.3	22,421	14.8
35-39	17,779	14.6	19,805	15.4	21,456	14.1
41+	16,277	13.4	20,467	15.9	23,951	15.8
<i>Multiparous (one or more prior live births)</i>						
Pregnancy weight gain (lbs)						
<15	26,905	16.6	29,696	17.3	36,143	16.5
15-24	50,031	30.8	49,936	29.0	56,101	25.6
25-29	25,321	15.6	25,221	14.7	29,252	13.4
30-34	25,250	15.5	26,576	15.5	30,332	13.9
35-39	19,721	12.1	22,279	13.0	26,225	12.0
41+	15,209	9.4	18,253	10.6	23,471	10.7

Source: United States Natality Data Files, 1993, 1998, 2003. Prepared by National Center for Health Statistics, Division of Vital Statistics.

Notes: ¹Data based on all states, except California, which does not require reporting of weight gain during pregnancy, and the District of Columbia.

Table 9: Distribution of weight gain during pregnancy among live, twin, term births by year: United States (1993-2003)¹

<i>Weight gain during pregnancy (pounds)</i>	Year					
	1993		1998		2003	
	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%
<15	1,456	4.3	1,673	4.5	2,051	5.0
15-24	3,387	10.0	3,741	10.1	4,089	9.9
25-29	2,831	8.4	3,190	8.6	3,232	7.8
30-34	4,589	13.6	4,989	13.4	5,289	12.8
35-39	7,163	21.3	7,557	20.3	8,357	20.2
41+	14,280	42.4	16,057	43.2	18,306	44.3
Total²	33,706		37,207		41,324	

Source: United States Natality Data Files, 1993, 1998, 2003. Prepared by National Center for Health Statistics, Division of Vital Statistics.

Notes: ¹Data based on all states, except California, which does not require reporting of weight gain during pregnancy, and the District of Columbia. Weight gain data based on medical record abstraction and self-report. ²Data on weight gain missing for approximately 7% of birth certificates from states that collect information on pregnancy weight gain.