

Table 3. Infant mortality rates, live births, and infant deaths by selected characteristics and Hispanic origin of mother and by race of mother for mothers of non-Hispanic origin: United States, 1999 linked file

Characteristics	All origins ¹	Hispanic						Non-Hispanic			Not stated
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total ²	White	Black	
Infant mortality rates per 1,000 live births in specified group											
Total	7.0	5.7	5.5	8.3	4.7	4.7	7.2	7.3	5.8	14.1	...
Age at death:											
Total neonatal	4.7	3.9	3.7	5.9	3.5	3.3	4.8	4.9	3.8	9.6	...
Early neonatal (< 7 days)	3.8	3.1	2.9	5.0	2.3	2.5	3.8	3.9	3.0	7.7	...
Late neonatal (7-27 days)	1.0	0.8	0.8	0.9	*	0.8	1.0	1.0	0.8	1.9	...
Postneonatal	2.3	1.8	1.8	2.4	*	1.4	2.5	2.4	1.9	4.6	...
Sex:											
Male	7.7	6.2	6.0	9.3	4.5	5.2	7.8	8.0	6.4	15.4	...
Female	6.3	5.2	5.0	7.4	4.7	4.1	6.6	6.6	5.1	12.8	...
Plurality:											
Single births	6.2	5.2	5.0	7.3	4.0	4.2	6.6	6.4	5.0	12.6	...
Plural births	32.9	31.2	30.2	44.9	*	25.4	38.2	32.9	26.7	60.1	...
Birthweight:											
Less than 1,500 grams	247.0	246.9	248.7	271.5	164.1	215.3	272.9	245.1	229.7	270.5	...
1,500-2,499 grams	16.0	15.4	16.1	13.6	*	15.0	12.0	16.0	16.0	16.5	...
2,500 grams or more	2.5	2.1	2.2	2.3	*	1.5	2.9	2.6	2.3	4.0	...
Period of gestation:											
Less than 32 weeks	183.3	163.4	158.3	198.4	133.0	148.2	189.6	185.8	172.7	208.8	...
32-36 weeks	9.1	7.9	7.9	9.5	*	6.7	6.9	9.4	9.2	10.6	...
37-41 weeks	2.7	2.2	2.3	2.5	*	1.6	2.9	2.8	2.4	4.3	...
42 weeks or more	2.9	2.5	2.5	*	*	*	*	3.0	2.6	4.6	...
Trimester of pregnancy prenatal care began:											
First trimester	6.2	5.3	5.3	7.7	4.4	4.2	5.9	6.4	5.2	12.9	...
After first trimester or no care	8.9	5.6	5.3	8.1	*	5.0	7.4	10.3	8.2	14.9	...
Second trimester	7.2	4.7	4.5	6.6	*	4.4	5.4	8.2	6.9	11.3	...
Third trimester	6.2	3.8	3.4	*	*	*	*	7.3	6.7	8.9	...
No prenatal care	34.6	21.0	19.1	33.5	*	*	38.0	40.0	30.7	51.9	...
Age of mother:											
Under 20 years	10.3	6.9	6.3	9.8	*	6.1	9.7	11.5	9.6	15.4	...
20-24 years	7.8	5.6	5.5	7.7	*	4.5	6.4	8.4	6.6	13.6	...
25-29 years	6.0	4.9	4.6	7.1	*	4.1	6.6	6.2	4.9	13.6	...
30-34 years	5.8	5.4	5.3	7.7	*	4.5	7.5	5.8	4.7	14.2	...
35-39 years	6.5	6.4	7.0	9.8	*	4.5	5.9	6.5	5.4	14.0	...
40-54 years	8.7	9.6	8.5	*	*	8.6	*	8.6	7.4	16.6	...
Educational attainment of mother:											
0-8 years	7.5	5.7	5.7	13.3	*	4.6	6.6	11.9	10.9	17.5	...
9-11 years	9.5	6.1	5.7	9.6	*	4.8	9.0	11.3	9.5	15.3	...
12 years	7.6	5.4	5.1	7.7	*	4.8	6.6	8.1	6.4	14.1	...
13-15 years	5.9	5.1	5.0	7.1	*	4.3	4.7	6.1	4.7	12.1	...
16 years and over	4.4	4.1	4.2	4.2	*	3.6	3.9	4.4	3.9	10.3	...
Live-birth order:											
1	6.9	5.8	5.7	8.1	4.0	4.9	6.7	7.1	5.7	14.2	...
2	6.2	5.0	4.8	7.6	*	3.8	6.5	6.4	5.2	12.6	...
3	7.0	5.2	5.0	7.9	*	4.3	6.7	7.5	6.0	13.6	...
4	8.6	6.8	6.1	10.9	*	7.5	8.4	9.2	7.0	15.3	...
5 or more	11.1	7.9	7.7	11.8	*	5.6	10.6	12.2	8.7	18.5	...
Marital status:											
Married	5.5	5.1	5.0	7.0	5.1	4.0	6.4	5.5	5.0	11.9	...
Unmarried	10.2	6.6	6.2	9.3	*	5.5	8.3	11.3	8.6	15.1	...
Mother's place of birth:											
Born in the 50 States and D.C.	7.3	6.5	6.1	8.3	5.0	6.1	7.2	7.4	5.7	14.3	...
Born elsewhere	5.3	5.0	5.0	8.2	4.2	4.5	4.6	5.5	4.9	9.8	...
Maternal smoking during pregnancy: ³											
Smoker	10.5	9.8	8.8	11.8	*	*	9.8	10.5	9.1	19.8	...
Nonsmoker	6.6	5.8	5.6	8.0	4.3	4.5	6.9	6.8	5.1	13.4	...

See footnotes at end of table.

Table 3. Infant mortality rates, live births, and infant deaths by selected characteristics and Hispanic origin of mother and by race of mother for mothers of non-Hispanic origin: United States, 1999 linked file--Con.

Characteristics	All origins ¹	Hispanic						Non-Hispanic			Not stated	
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total ²	White	Black		
Live births												
Total	3,959,417	764,339	540,674	57,138	13,088	103,307	50,132	3,147,580	2,346,450	588,981	47,498	
Sex:												
Male	2,026,854	389,881	275,680	29,001	6,666	53,014	25,520	1,612,665	1,204,489	299,090	24,308	
Female	1,932,563	374,458	264,994	28,137	6,422	50,293	24,612	1,534,915	1,141,961	289,891	23,190	
Plurality:												
Single births	3,837,789	748,368	530,148	55,600	12,612	100,948	49,060	3,043,503	2,266,577	569,500	45,918	
Plural births	121,628	15,971	10,526	1,538	476	2,359	1,072	104,077	79,873	19,481	1,580	
Birthweight:												
Less than 1,500 grams	58,227	8,812	5,682	1,068	195	1,189	678	48,674	27,334	18,989	741	
1,500-2,499 grams	243,886	40,009	26,503	4,251	696	5,400	3,159	201,122	128,712	59,141	2,755	
2,500 grams or more	3,654,764	715,221	508,281	51,793	12,194	96,697	46,256	2,896,115	2,189,322	510,522	43,428	
Not stated	2,540	297	208	26	3	21	39	1,669	1,082	329	574	
Period of gestation:												
Less than 32 weeks	76,897	12,536	8,299	1,386	218	1,673	960	63,435	35,809	24,401	926	
32-36 weeks	383,956	72,827	50,256	6,416	1,279	9,969	4,907	307,246	209,350	78,633	3,883	
37-41 weeks	3,170,780	603,348	425,397	44,715	10,769	82,784	39,683	2,529,793	1,917,885	439,816	37,639	
42 weeks or more	284,844	58,360	41,905	4,337	777	7,392	3,949	223,272	168,364	41,462	3,212	
Not stated	42,940	17,268	14,817	284	45	1,489	633	23,834	15,042	4,669	1,838	
Trimester of pregnancy prenatal care began:												
First trimester	3,198,714	548,580	383,902	41,523	11,839	75,690	35,626	2,614,456	2,030,575	418,140	35,678	
After first trimester or no care	646,377	188,323	141,507	11,908	1,108	21,819	11,981	451,311	267,167	145,934	6,743	
Second trimester	499,928	142,091	106,198	9,235	927	16,736	8,995	352,885	214,732	108,654	4,952	
Third trimester	102,202	33,598	25,430	1,836	129	3,980	2,223	67,581	37,826	23,105	1,023	
No prenatal care	44,247	12,634	9,879	837	52	1,103	763	30,845	14,609	14,175	768	
Not stated	114,326	27,436	15,265	3,707	141	5,798	2,525	81,813	48,708	24,907	5,077	
Age of mother:												
Under 20 years	485,104	127,402	94,235	12,078	1,005	10,294	9,790	352,938	214,971	122,175	4,764	
20-24 years	981,929	231,475	169,899	18,289	2,420	25,850	15,017	740,611	514,386	188,247	9,843	
25-29 years	1,078,252	203,985	146,115	13,616	3,659	28,472	12,123	861,802	663,569	134,784	12,465	
30-34 years	892,400	131,369	86,834	8,607	3,629	23,759	8,540	748,604	600,830	88,403	12,427	
35-39 years	434,294	58,146	36,182	3,765	2,027	12,259	3,913	369,586	294,590	45,746	6,562	
40-54 years	87,438	11,962	7,409	783	348	2,673	749	74,039	58,104	9,626	1,437	
Educational attainment of mother:												
0-8 years	222,661	158,351	131,992	2,778	182	19,620	3,779	63,398	40,289	14,069	912	
9-11 years	623,934	208,350	159,900	16,533	1,422	18,467	12,028	410,474	252,023	135,306	5,110	
12 years	1,254,283	223,122	151,187	18,815	4,311	31,566	17,243	1,018,788	733,181	228,332	12,373	
13-15 years	858,068	102,507	59,774	12,223	3,213	17,590	9,707	746,793	568,737	133,984	8,768	
16 years and over	937,071	55,076	26,277	5,769	3,897	13,303	5,830	869,956	730,628	65,779	12,039	
Not stated	63,400	16,933	11,544	1,020	63	2,761	1,545	38,171	21,592	11,511	8,296	
Live-birth order:												
1	1,588,639	283,116	195,036	22,359	5,723	39,477	20,521	1,287,491	971,745	221,337	18,032	
2	1,285,592	232,784	161,317	17,783	4,828	33,300	15,556	1,037,940	794,532	174,340	14,868	
3	653,070	141,471	102,687	9,722	1,830	18,681	8,551	504,463	372,667	103,413	7,136	
4	250,404	61,448	46,439	4,023	468	7,194	3,324	186,191	127,988	47,666	2,765	
5 or more	163,562	41,056	31,825	2,706	221	4,317	1,987	120,309	71,391	39,971	2,197	
Not stated	18,150	4,464	3,370	545	18	338	193	11,186	8,127	2,254	2,500	
Marital status:												
Married	2,650,857	442,028	324,024	23,080	9,632	58,131	27,161	2,174,803	1,828,159	182,179	34,026	
Unmarried	1,308,560	322,311	216,650	34,058	3,456	45,176	22,971	972,777	518,291	406,802	13,472	
Mother's place of birth:												
Born in the 50 States and D.C.	3,148,902	298,808	208,977	36,806	5,414	10,750	36,861	2,808,756	2,219,624	526,660	41,338	
Born elsewhere	797,279	463,329	330,739	20,135	7,668	92,205	12,582	328,947	121,376	59,249	5,003	
Not stated	13,236	2,202	958	197	6	352	689	9,877	5,450	3,072	1,157	
Maternal smoking during pregnancy: ³												
Smoker	426,036	19,058	8,388	5,686	406	1,124	3,454	400,678	339,724	51,402	6,300	
Nonsmoker	2,957,167	489,930	310,667	48,703	11,952	76,959	41,649	2,432,865	1,796,892	497,821	34,372	
Not stated	47,182	5,808	4,050	723	41	480	514	37,460	28,993	5,420	3,914	

See footnotes at end of table.

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Characteristics	All origins ¹	Hispanic						Non-Hispanic			Not stated
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total ²	White	Black	
Infant deaths											
Total	27,864	4,363	2,979	477	61	483	363	23,023	13,522	8,327	480
Age at death:											
Total neonatal	18,700	2,982	2,015	339	46	342	240	15,350	8,987	5,634	369
Early neonatal (< 7 days)	14,874	2,357	1,592	287	30	258	190	12,177	7,059	4,535	339
Late neonatal (7-27 days)	3,827	625	424	53	15	84	49	3,172	1,927	1,099	30
Postneonatal	9,164	1,379	963	138	15	140	123	7,673	4,535	2,693	111
Sex:											
Male	15,596	2,430	1,652	270	30	278	200	12,890	7,665	4,603	277
Female	12,268	1,932	1,327	207	30	205	163	10,132	5,857	3,724	204
Plurality:											
Single births	23,864	3,863	2,660	408	51	422	322	19,603	11,392	7,156	397
Plural births	4,000	498	318	69	10	60	41	3,420	2,130	1,171	83
Birthweight:											
Less than 1,500 grams	14,380	2,176	1,413	290	32	256	185	11,932	6,278	5,136	271
1,500-2,499 grams	3,893	615	427	58	11	81	38	3,219	2,056	975	58
2,500 grams or more	9,197	1,514	1,101	121	16	144	132	7,560	5,055	2,062	123
Not stated	395	55	38	7	1	1	8	312	133	154	27
Period of gestation:											
Less than 32 weeks	14,092	2,048	1,314	275	29	248	182	11,789	6,186	5,096	256
32-36 weeks	3,511	574	399	61	13	67	34	2,897	1,927	837	41
37-41 weeks	8,479	1,351	975	112	14	134	116	7,017	4,683	1,895	110
42 weeks or more	826	148	105	12	2	15	14	661	434	192	16
Not stated	956	242	186	18	2	19	17	657	292	305	57
Trimester of pregnancy prenatal care began:											
First trimester	19,809	2,927	2,031	318	52	315	211	16,630	10,467	5,375	252
After first trimester or no care	5,763	1,058	757	97	5	110	89	4,631	2,186	2,170	74
Second trimester	3,602	664	480	61	1	73	49	2,901	1,484	1,228	37
Third trimester	630	128	87	8	4	18	11	495	254	205	6
No prenatal care	1,530	265	189	28	-	19	29	1,234	448	736	31
Not stated	2,292	378	191	62	4	58	63	1,761	869	782	155
Age of mother:											
Under 20 years	5,003	873	591	118	6	63	95	4,067	2,053	1,887	62
20-24 years	7,625	1,298	933	141	11	117	96	6,210	3,391	2,554	118
25-29 years	6,460	993	679	97	19	118	80	5,366	3,224	1,833	100
30-34 years	5,177	712	460	66	14	108	64	4,354	2,828	1,251	111
35-39 years	2,836	373	253	37	5	55	23	2,390	1,598	641	75
40-54 years	763	115	63	19	5	23	5	634	428	160	13
Educational attainment of mother:											
0-8 years	1,680	909	754	37	2	91	25	757	440	246	12
9-11 years	5,946	1,273	913	158	6	88	108	4,626	2,382	2,064	47
12 years	9,542	1,202	774	145	18	151	114	8,255	4,678	3,221	86
13-15 years	5,091	521	299	87	13	76	46	4,529	2,681	1,625	41
16 years and over	4,107	224	110	24	19	48	23	3,822	2,868	676	61
Not stated	1,499	234	130	26	2	29	47	1,033	473	495	233
Live-birth order:											
1	11,016	1,655	1,121	180	23	193	138	9,188	5,566	3,143	173
2	7,923	1,157	775	135	18	128	101	6,628	4,092	2,198	137
3	4,587	734	509	77	10	81	57	3,795	2,231	1,404	57
4	2,142	415	285	44	4	54	28	1,709	899	727	18
5 or more	1,811	325	244	32	4	24	21	1,462	624	739	25
Not stated	386	75	44	9	1	3	18	239	110	114	70
Marital status:											
Married	14,547	2,249	1,633	161	49	233	173	12,024	9,069	2,171	276
Unmarried	13,318	2,113	1,345	316	12	250	190	10,999	4,453	6,156	205

See footnotes at end of table.

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Characteristics	All origins ¹	Hispanic						Non-Hispanic			Not stated
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total ²	White	Black	
Infant deaths											
Mother's place of birth:											
Born in the 50 States and D.C.	22,962	1,941	1,276	307	27	66	265	20,695	12,688	7,506	324
Born elsewhere	4,190	2,330	1,660	165	32	415	58	1,822	589	580	38
Not stated	713	89	42	5	1	2	39	505	245	240	118
Maternal smoking during pregnancy: ³											
Smoker	4,481	187	74	67	4	8	34	4,219	3,098	1,020	75
Nonsmoker	19,571	2,826	1,750	388	51	348	289	16,473	9,079	6,655	272
Not stated	923	73	43	10	1	7	12	757	476	230	92

... Category not applicable.

* Figure does not meet standard of reliability or precision; based on fewer than 20 deaths in the numerator.

- Quantity zero.

¹ Origin of mother not stated included in "All origins" but not distributed among origins.

² Includes races other than black or white.

³ Excludes data for California and South Dakota, which do not report tobacco use on the birth certificate.

NOTE: Infant deaths are weighted so numbers may not exactly add to totals due to rounding. Not stated responses were included in totals but not distributed among groups for rate computations.