

Live Births by Mother's Race / Ethnicity and Age City of Berkeley, 2000-2008

Age and race and Hispanic origin of mother	Year of Birth								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
10-14 years	N	N	N	N	N	N	N	N	N
All races				1			1		
White							1		
African American				1					
Asian or Pacific Islander									
Hispanic									
Other/Multi Race									
15-19 years	N	N	N	N	N	N	N	N	N
All races	36	36	43	34	20	25	30	32	27
White	1	4	7	3	1	2	1	1	4
African American	22	20	21	17	14	15	17	17	15
Asian or Pacific Islander		1	1	1					
Hispanic	12	9	14	11	5	7	11	12	6
Other/Multi Race	1	2		2		1	1	2	2
20-39 years	N	N	N	N	N	N	N	N	N
All races	825	911	778	816	820	773	818	868	821
White	429	480	414	441	456	417	410	439	404
African American	121	129	117	92	79	80	97	85	103
Asian or Pacific Islander	102	126	98	109	126	119	133	133	138
Hispanic	142	129	101	119	105	108	132	147	114
Other/Multi Race	31	47	48	55	54	49	46	64	62
40+ years	N	N	N	N	N	N	N	N	N
All races	62	103	86	98	110	98	90	85	103
White	44	75	55	68	91	71	70	59	68
African American	3	6	10	7	6	5	2	5	7
Asian or Pacific Islander	9	12	3	9	4	10	11	8	11
Hispanic	3	3	13	5	4	4	3	8	8
Other/Multi Race	3	7	5	9	5	8	4	5	9
Total Live Births	923	1,050	907	949	950	896	939	985	951

N=Number of live births

Sources and quality of vital Statistics Data

Birth certificates from the Berkeley Vital Statistics Unit are the source of data presented in this table. Birth data are generated from certificate forms entered into the State of California Automated Vital Statistics System (AVSS) and then downloaded by the Vital Statistics Unit to be further checked, edited, and finally analyzed using the statistical software STATA (Statistics/Data Analysis) version 10.0.

This table includes the total count of live births by place of mother's residence; Berkeley residents whose delivery occurred outside of Berkeley City limits are automatically reallocated into our database and these records are included in the analysis.

Completeness of Data and Quality Control

Birth registration is considered to be almost 100 percent complete for births occurring in the state of California. A study of the completeness of birth registration conducted by the Bureau of the Census found that during a five-year period in the United States, birth registration was 99.3 percent complete.¹ During the electronic registration process, a series of field validations, range edits, and cross edits are performed on the birth certificate data. Duplicate records are eliminated and additional query with the birth hospital is performed to increase validity of the data.

Race and Ethnicity

Race and Hispanic origin are reported independently on the birth certificate and mothers of Hispanic descent are not further classified by race because the majority is reported as white. Since 1979, information on the race and ethnicity of the father and mother has been reported voluntarily on the birth certificates, usually by a parent. This information is more consistent for the mother than for the father, being one of the reasons births are classified by the mother's race/ethnicity.

For the purpose of this analysis, five mutually exclusive race/ethnic categories are presented: African American, Asian/Pacific Islander, Latino, White, and Other/Multi Race, with up to three options, which was introduced in the California birth certificate in 2000. Latinos may be of any race.

Definitions

Place of Occurrence: the place where the event occurred (regardless of residence).
Place of Residence: For live births, the mothers' residence is used

¹ U.S. Department of Commerce. Bureau of the Census. Test of Birth Registration Completeness, 1964-1968. PHC (E) – 2, 1973.