



# circumcision

a lifetime of medical benefits



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## Statistics and Miscellaneous:

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Recent statistical evidence from the Center for Disease Control (CDC) agencies (see figures) indicates that in the United States (U.S.) newborn circumcisions among non-immigrant boys have increased over the past 2 decades. The CDC found that the total U. S. newborn circumcision rate rose very slightly (from 64% to 65%) over the two decade period, from 1979-1999, but the breakdown of these statistics is revealing. There have been increases in circumcision among blacks (from 56 to 64%) and in newborns from the Midwest (from 74 to 81%) and the South (from 56 to 61%), areas of the country with the fewest new immigrants. In specific communities very high circumcision rates are being reported: 84% in Atlanta, Georgia, 85% in Houston, Texas, and 92% in a Wisconsin community served by a pediatrician opposed to circumcision.

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### Neonatal Circumcision in Atlanta 1985-1986

(O'Brien et al. South Med J. 1995;88:411)

- 2 serious circumcision complications 1985-  
electric cautery
- Reviewed 1951 hospital records 1985-86
  - 89.3% circumcised 1985
  - 84.3% circumcised 1986
- Face sheet reflected only 84.3% of  
circumcisions. Prevalence would have been  
70% with face sheet diagnosis alone

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### Parental Education and Neonatal Circumcision

(Binner et al. South Med J. 2002)

- 190 mothers of newborn males,  
Houston, Texas.
- 85% chose circumcision
- No effect of AAP brochure
- Circumcision status of father, higher  
parents age and education associated  
with decision to circumcise

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### 1999 Ethnicity of Babies Born in California (Genetic Disease Branch)

- White 31.2%
- Black 6.2%
- Hispanic 46.5%
- Asians 9.2%
- Others 5.5%
- Unknown 1.4%

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### Table 1. Percent of newborn males with circumcision performed in short-stay hospitals by race

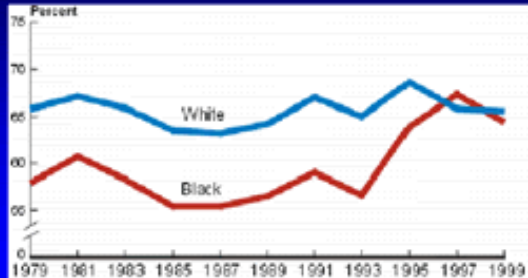
Source: CDC/NCHS, National Hospital Discharge Survey, 1979-99

Year	All races	White	Black
1979	64.3	65.8	57.9
1981	66.0	67.1	60.7
1983	64.6	65.9	58.3
1985	62.1	63.5	55.4
1987	61.7	63.2	55.4
1989	62.8	64.2	56.5
1991	65.6	67.0	59.0
1993	63.5	65.0	56.6
1995	67.8	68.6	63.9
1997	66.1	65.8	67.3
1999	65.3	65.5	64.4

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### Figure 1. Percent of newborn males with circumcisions performed in short-stay hospitals by race

Source: CDC/NCHS, National Hospital Discharge Survey,



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### Table 2. Percent of newborn males with circumcision performed in short-stay hospitals by region

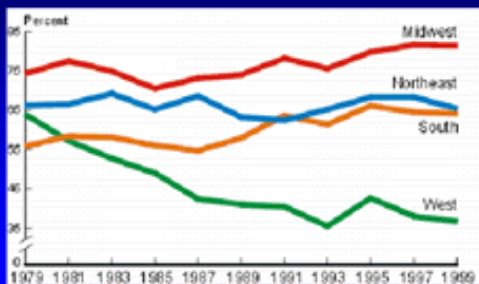
Source: CDC/NCHS, National Hospital Discharge Survey, 1979-99

Year	Northeast	Midwest	South	West
1979	66.2	74.3	55.8	63.9
1981	66.5	77.5	58.4	57.2
1983	69.2	74.9	58.1	52.7
1985	65.2	70.5	56.0	49.0
1987	68.6	73.1	54.7	42.4
1989	63.2	74.0	57.9	41.0
1991	62.4	78.2	63.6	40.4
1993	65.2	75.6	61.4	35.5
1995	68.3	79.8	66.1	42.6
1997	68.3	81.6	64.5	38.0
1999	65.4	81.4	64.1	36.7

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### Figure 2. Percent of newborn males with circumcisions performed in short-stay hospitals by region

Source: CDC/NCHS, National Hospital Discharge Survey, 1979-99



### Underestimate of Newborn Circumcision Prevalence

(So. Med J. 1995, 88:411)

#### Atlanta, GA 1951 Hospital Records

- Hospital Record Review 86% circumcised
  - Face Sheet Record only 70% circumcised
- 16% of newborn circumcision missed using face sheet -- source of CDC statistics

## Estimated Total % American Males Circumcised

Newborn Hospital (coded)	65%
Newborn Hospital (uncoded)	10%
Post-neonatal (KP, Finland)	8%
<hr/>	
Estimated total	83%

## Observed Total % American Males Circumcised

Wisconsin (van Howe, 1989)	92%
Houston, Texas (White, 2002)	85%
Atlanta, Georgia (1995)	86%
Denver, Colorado (1987)	80%
San Francisco- county Hospital (Whites, 1996)	76%
Southern California (Whites, 2001)	83%

## Prevalence of American Circumcision - Miscellaneous

San Francisco General Hosp. (Newborn-partial)	
White, middle class	76%
Hispanic	24%
Southern California (post-neonatal -total)	
White, middle class	83%
Hispanic (community clinics)	16%
Afro-American (clinics)	49%

## Parental Satisfaction with Circumcision Decision

(Adler, Pediatrics, Vol 107(2) Feb 2001)

- 149 families (boys 6 mos-3 yrs at time of survey)
  - 68 circumcised
  - 81 uncircumcised
- Parent choosing circumcision more satisfied. P value .001
- Parents of uncircumcised - believe received inadequate information, more likely to reconsider decision

## Circumcision Satisfaction: Ethnic/Social Status

(Adler, Pediatrics, Vol 107(2) Feb 2001)

	CHLA	Inglewood	La Canada
Circumcised	16%	49%	83%
Hispanic	62%	6%	7%
Black	27%	86%	1%
White	7%	0%	71%
College graduates	9%	9%	63%

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