



# California's Young Children and Their Families: Demographic, Social, and Economic Conditions

Statistics from  
National Center for Children in Poverty  
California Head Start Association  
Public Policy Institute of California  
The Advancement Project &  
Healthy City





# POPULATION





## Growing Population of Children 0-5

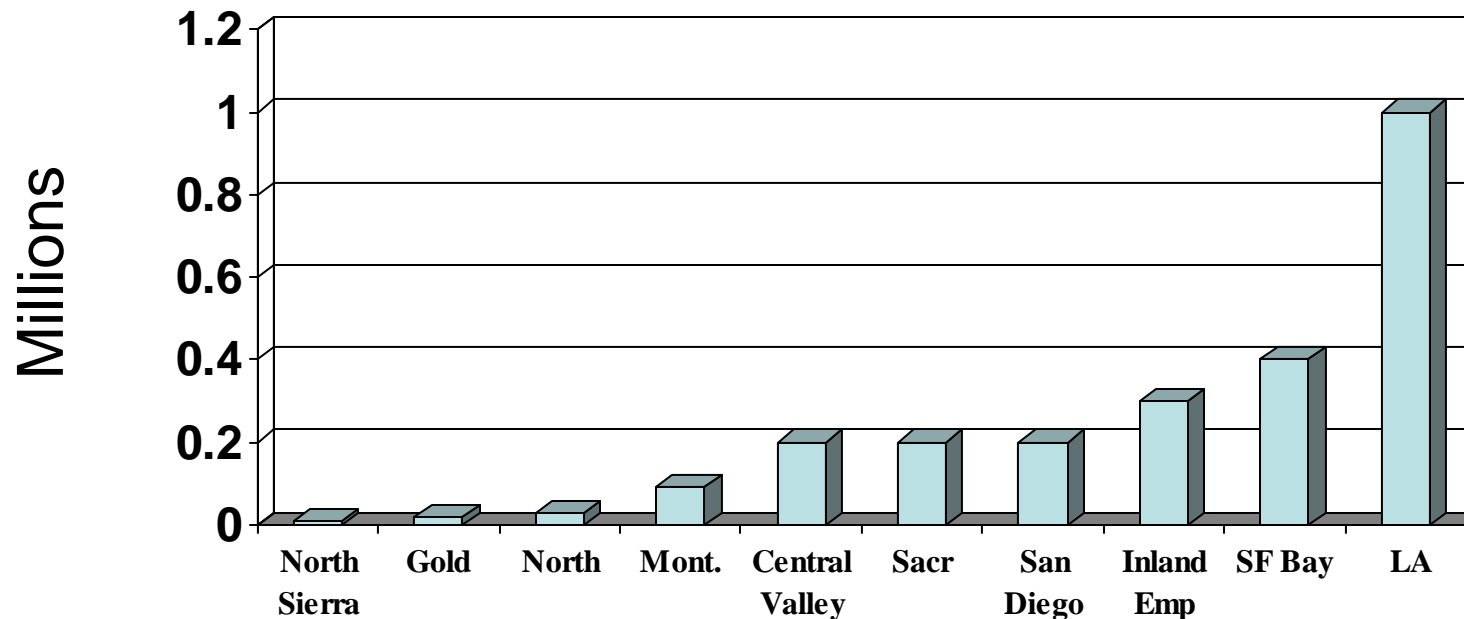
| <b>Year</b> | <b>Number</b> | <b>Share</b> |
|-------------|---------------|--------------|
| 1990        | 2.95M         | 9.9%         |
| 2000        | 3.35M         | 9.7%         |
| 2010        | 3.70M         | 9.3%         |

Data from Public Policy Institute of California



## Regional Distribution, 2000 Census

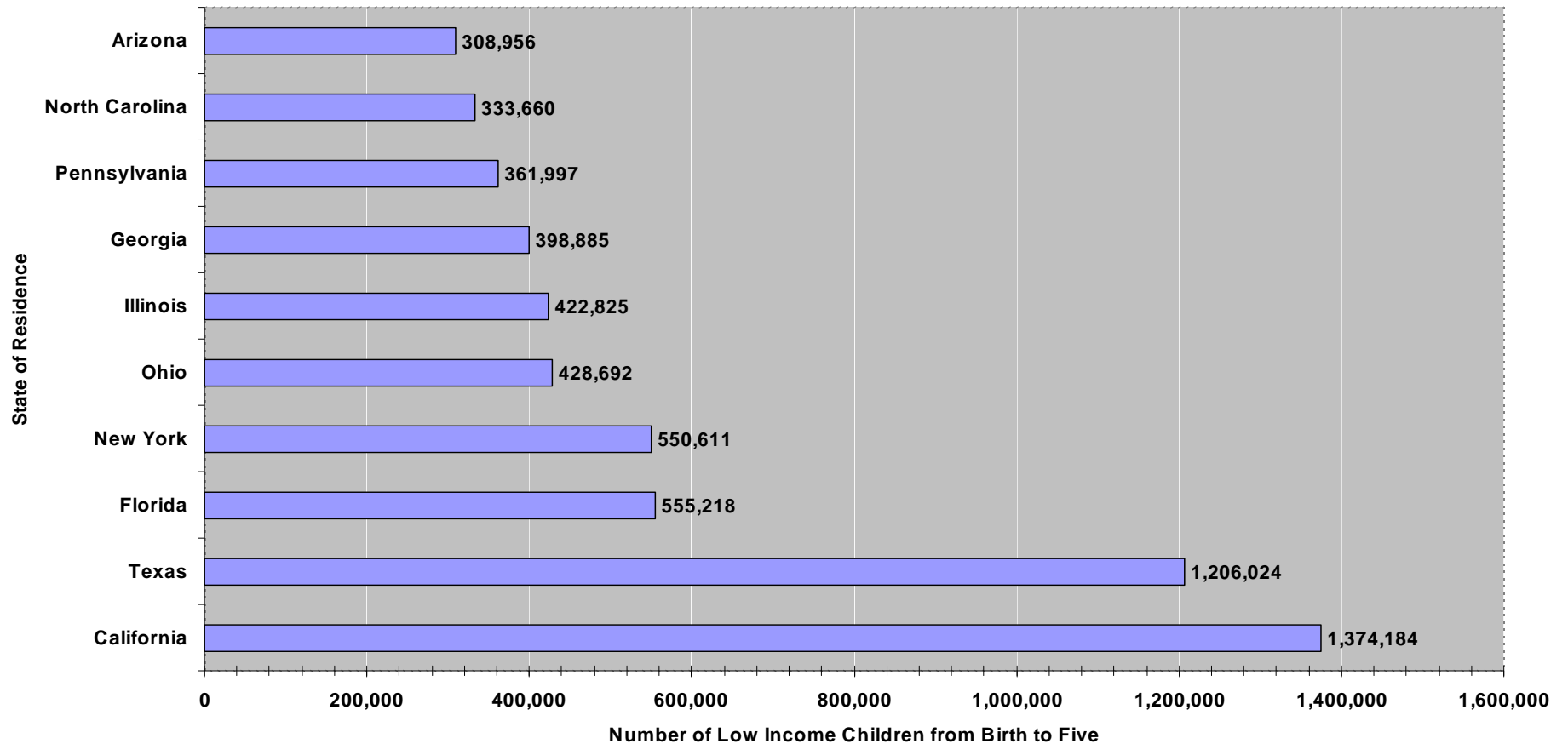
### Children 0 to 4



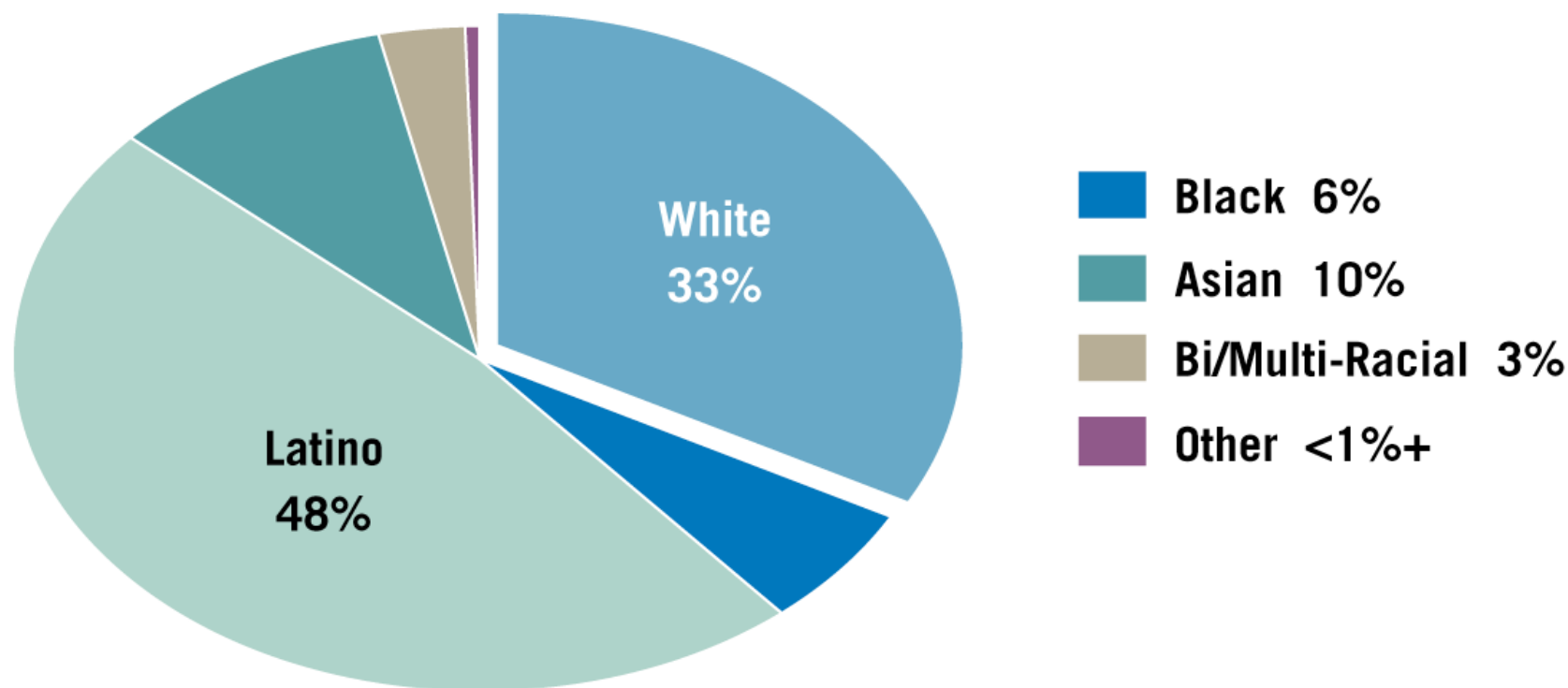
Data from Public Policy Institute of California



## California is Home to the Largest Population of Low Income Children from Birth to Five



## Young Children by Race/Ethnicity, 2005



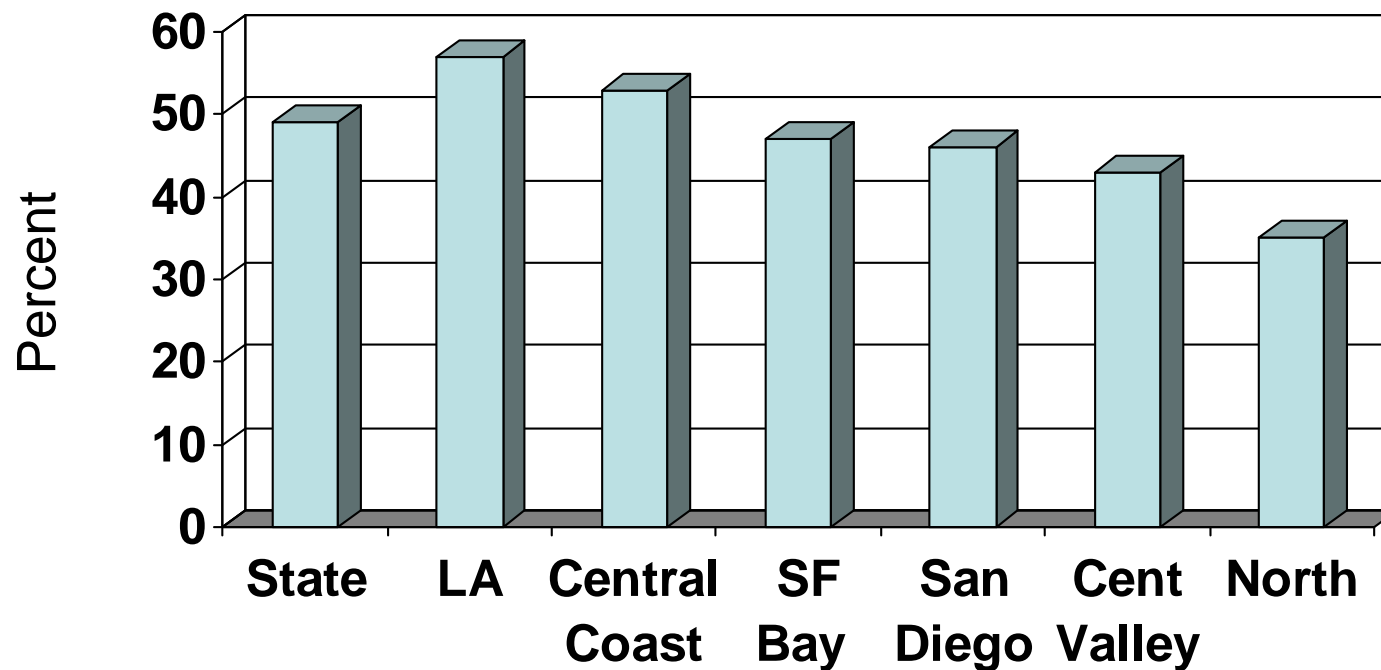
+Other represents all racial/ethnic groups with very small sample sizes.

© National Center for Children in Poverty. California Early Childhood Profile.

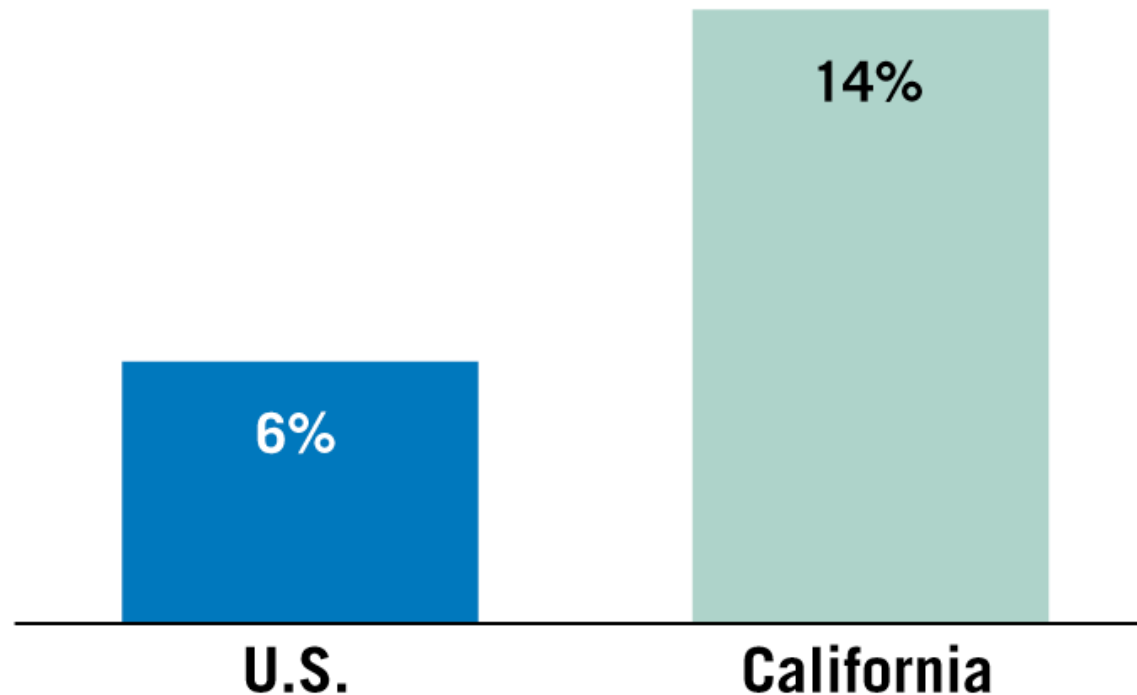
For data sources, see <[www.nccp.org/projects/improvingtheodds\\_stateprofiles.html](http://www.nccp.org/projects/improvingtheodds_stateprofiles.html)>.

## Almost Half Have a Foreign-Born Parent

**Foreign-born Parent**

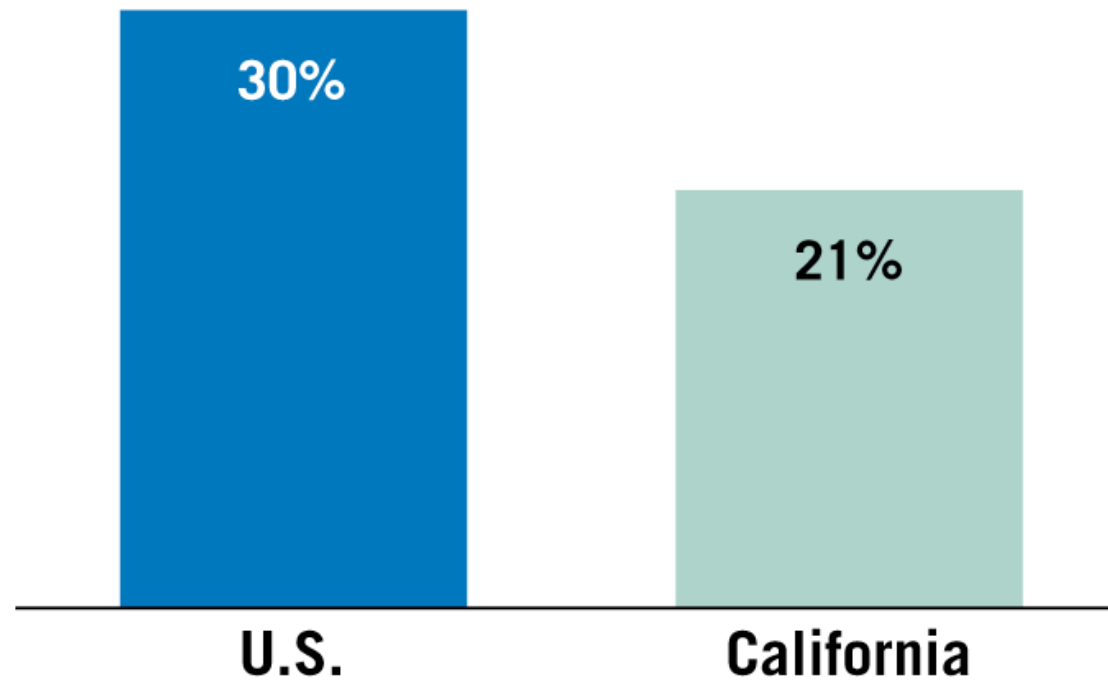


## Young children whose parents do not speak English very well, 2005



© National Center for Children in Poverty. California Early Childhood Profile.  
For data sources, see <[www.nccp.org/projects/improvingtheodds\\_stateprofiles.html](http://www.nccp.org/projects/improvingtheodds_stateprofiles.html)>.

## Fourth grade students testing proficient or better in reading, \*2005

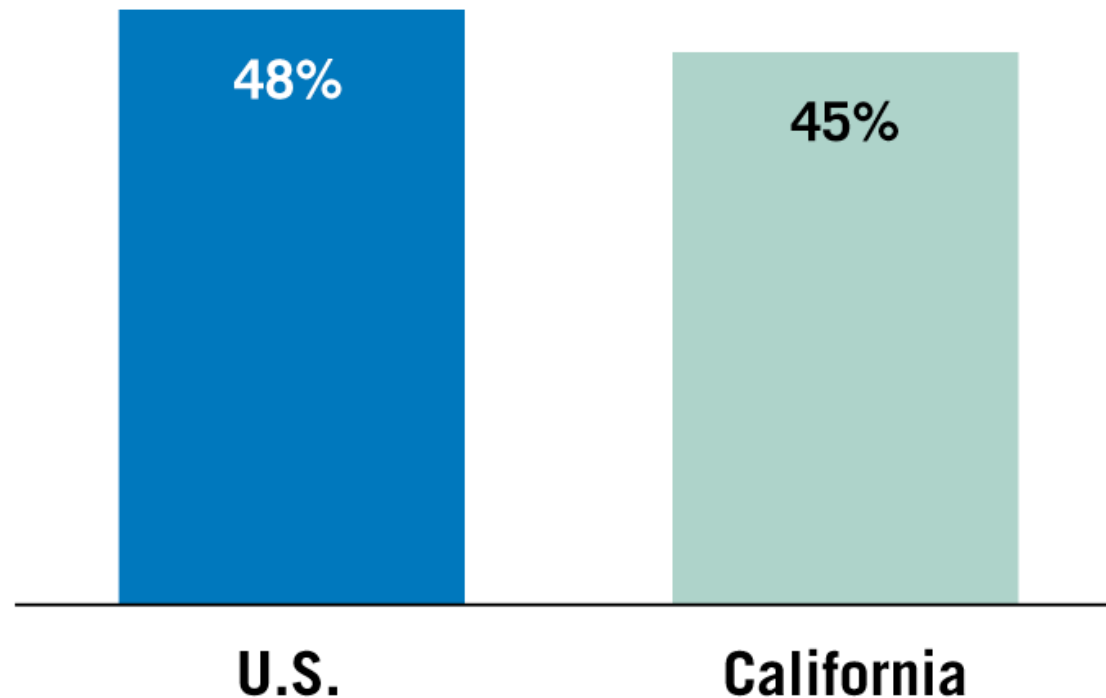


\*According to the National Assessment of Educational Progress (NAEP).

© National Center for Children in Poverty. California Early Childhood Profile.

For data sources, see <[www.nccp.org/projects/improvingtheodds\\_stateprofiles.html](http://www.nccp.org/projects/improvingtheodds_stateprofiles.html)>.

## Young children who are read to every day, 2003



© National Center for Children in Poverty. California Early Childhood Profile.

For data sources, see <[www.nccp.org/projects/improvingtheodds\\_stateprofiles.html](http://www.nccp.org/projects/improvingtheodds_stateprofiles.html)>.



# STATISTICS OF CONCERN

**Poverty**

**Level of Parent's Education**

**Teen Parents**

**Health**

**Quality & Availability of Child Care**





# POVERTY



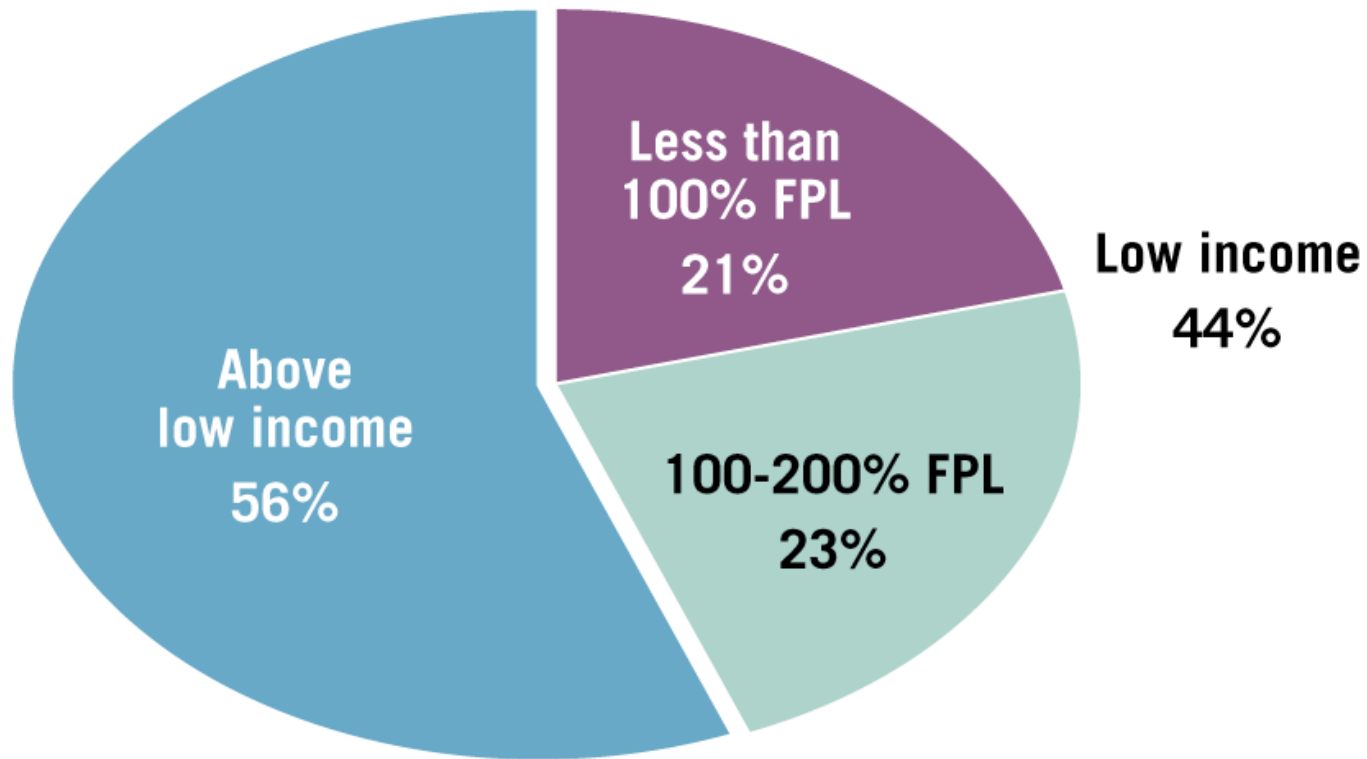
## Child Poverty in California

- **616,324 children 0-5 living in poverty**
- **68% of those children are Latino**
- **50% (308,000) age zero to two**



**Federal Poverty Level 100% (\$21,200 family of four)**

## Children 0 to 5 in California by Income Level

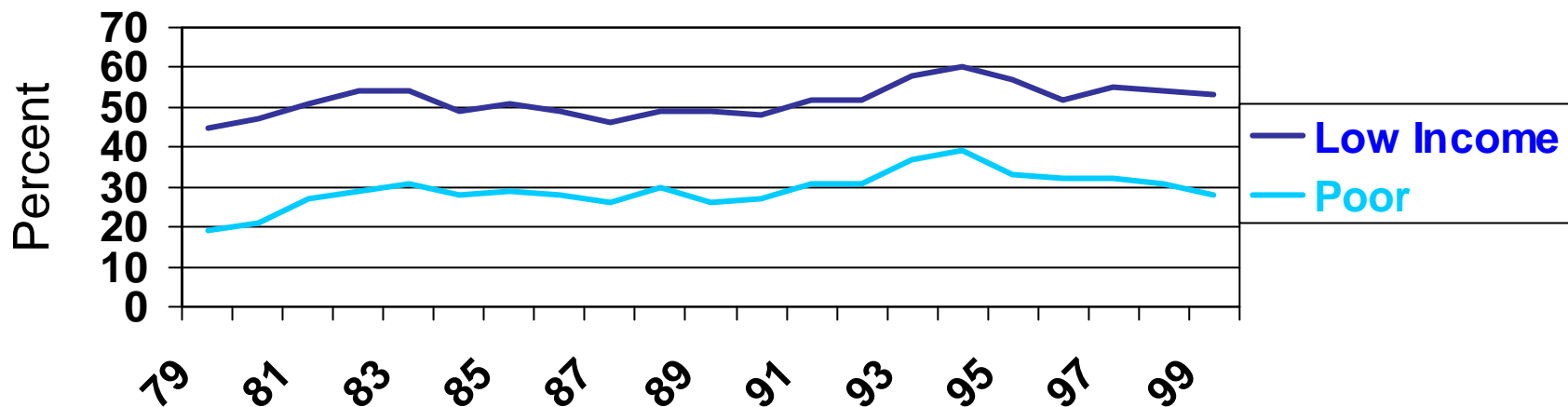


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For data sources, see <[www.nccp.org/projects/improvingtheodds\\_stateprofiles.html](http://www.nccp.org/projects/improvingtheodds_stateprofiles.html)>.

## Poverty Trend in California

Percent of Poverty for Children 0 to 5



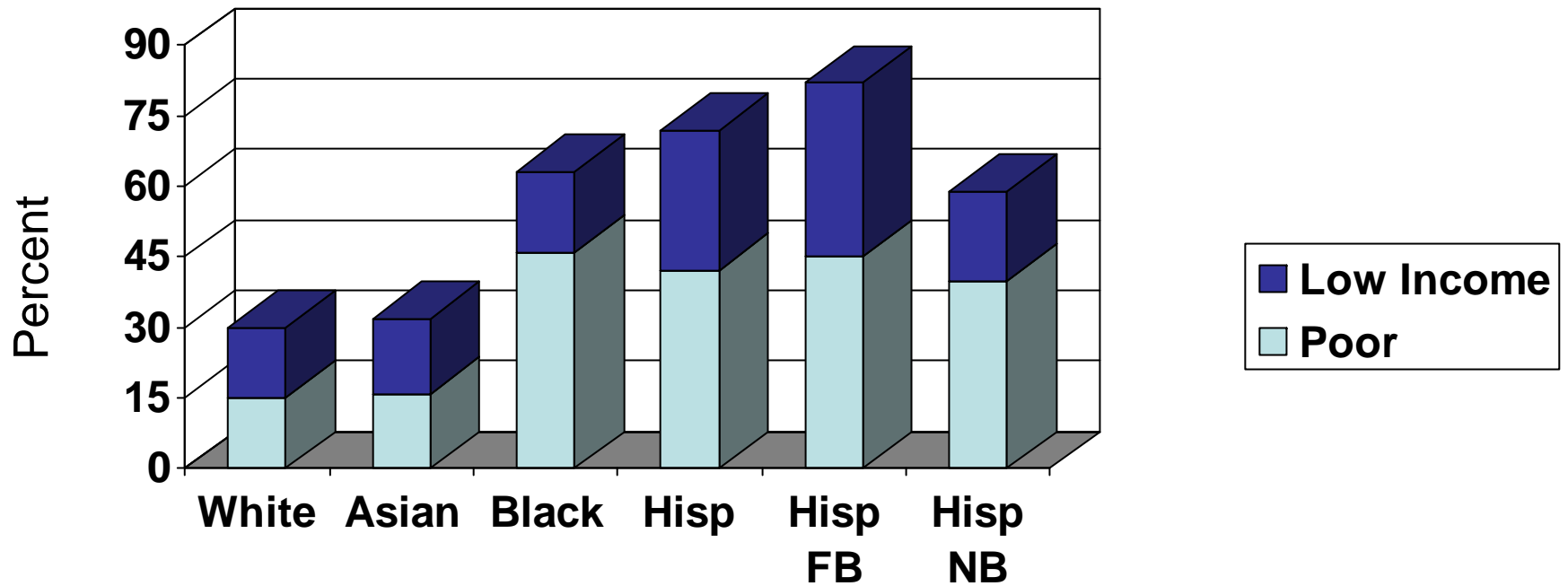
Year

Low Income \$42,400 family of four

Poor - \$21,200 family of four

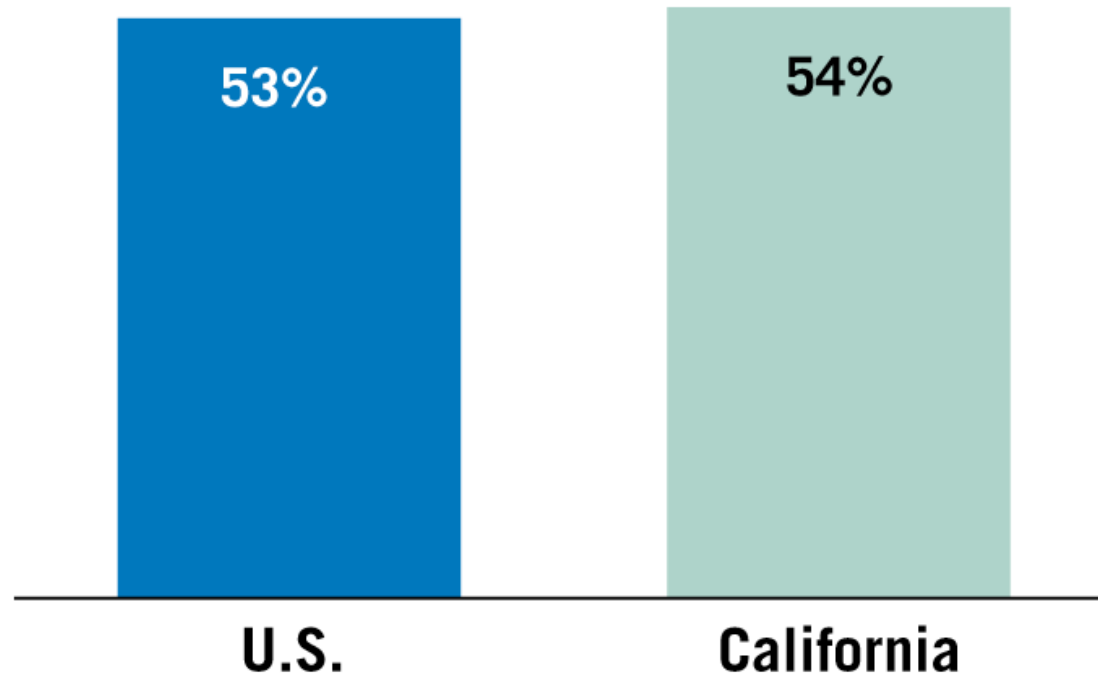
## Poverty by Subgroup

### Child Poverty



FB – Foreign Born  
NB – Native Born

## Low-income young children with a parent employed full time, 2005



© National Center for Children in Poverty. California Early Childhood Profile.

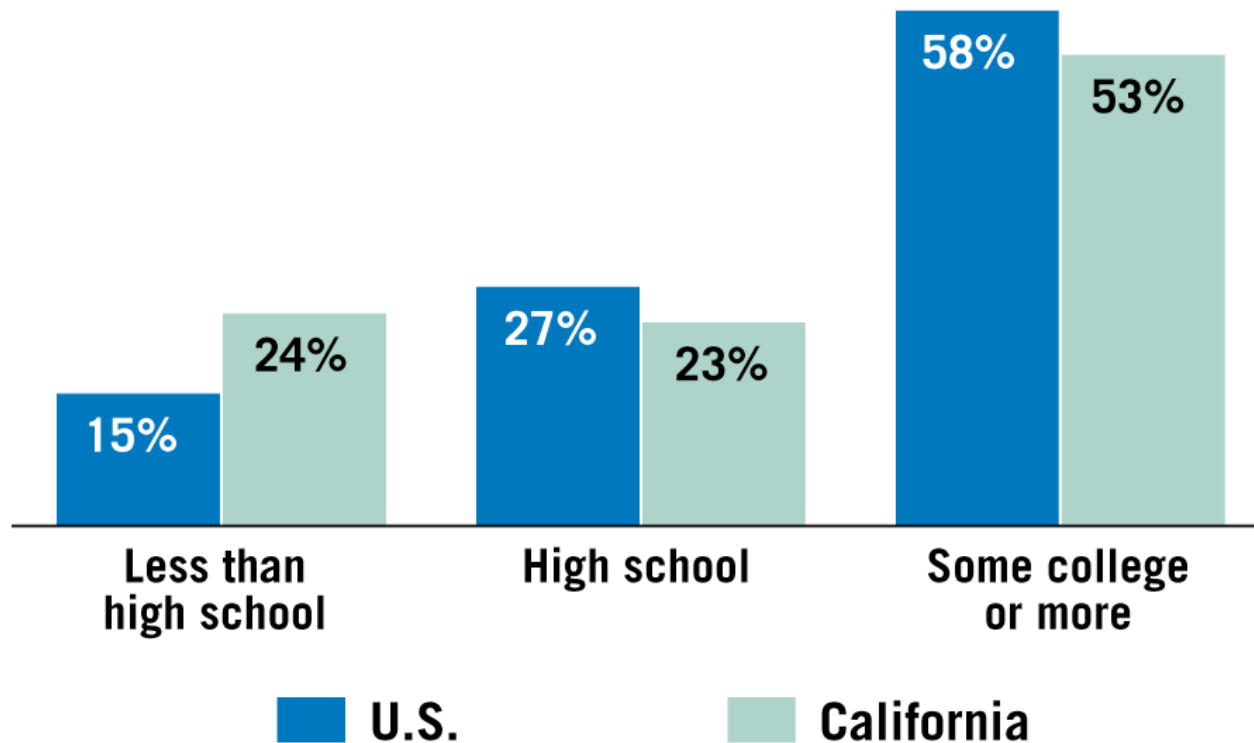
For data sources, see <[www.nccp.org/projects/improvingtheodds\\_stateprofiles.html](http://www.nccp.org/projects/improvingtheodds_stateprofiles.html)>.



# PARENT'S EDUCATION

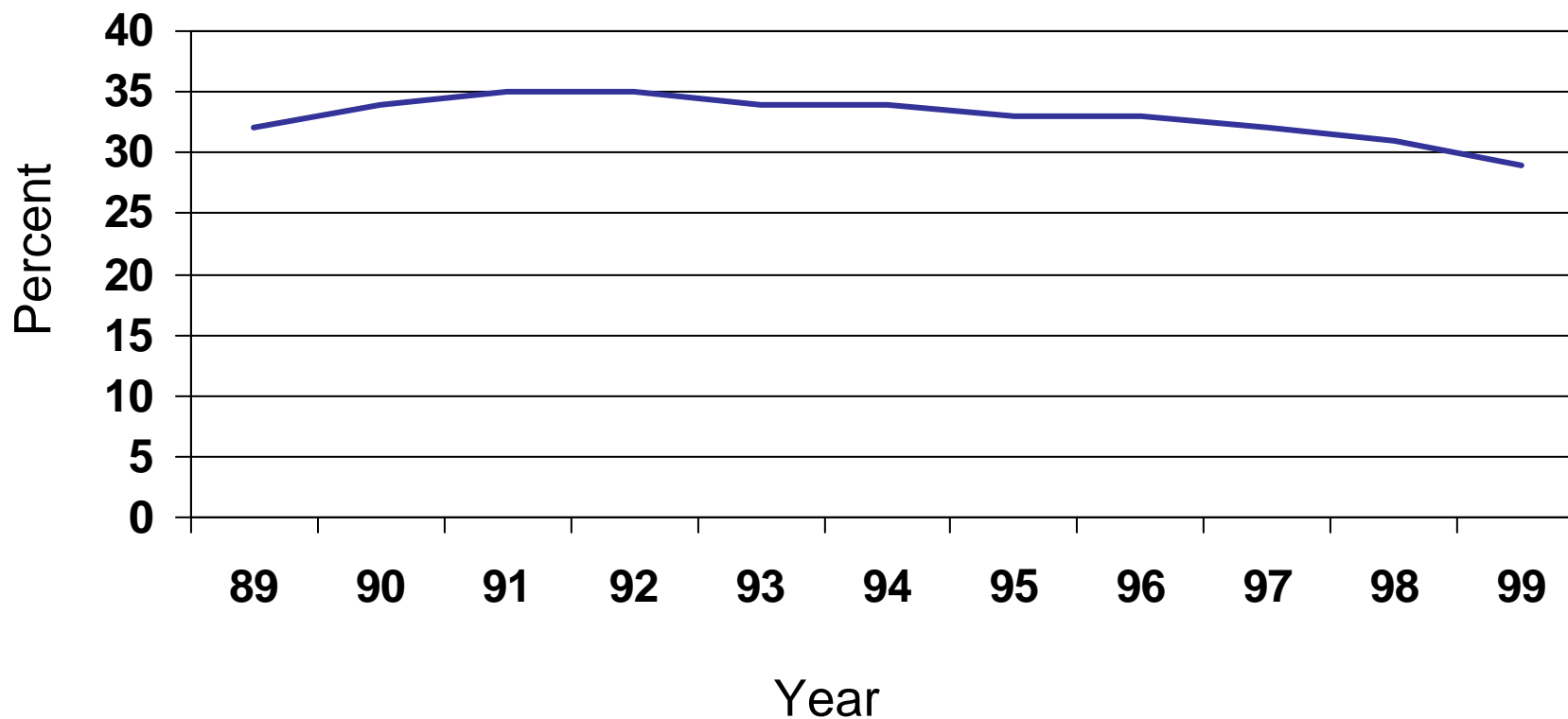


## Education levels of mothers with young children, 2005



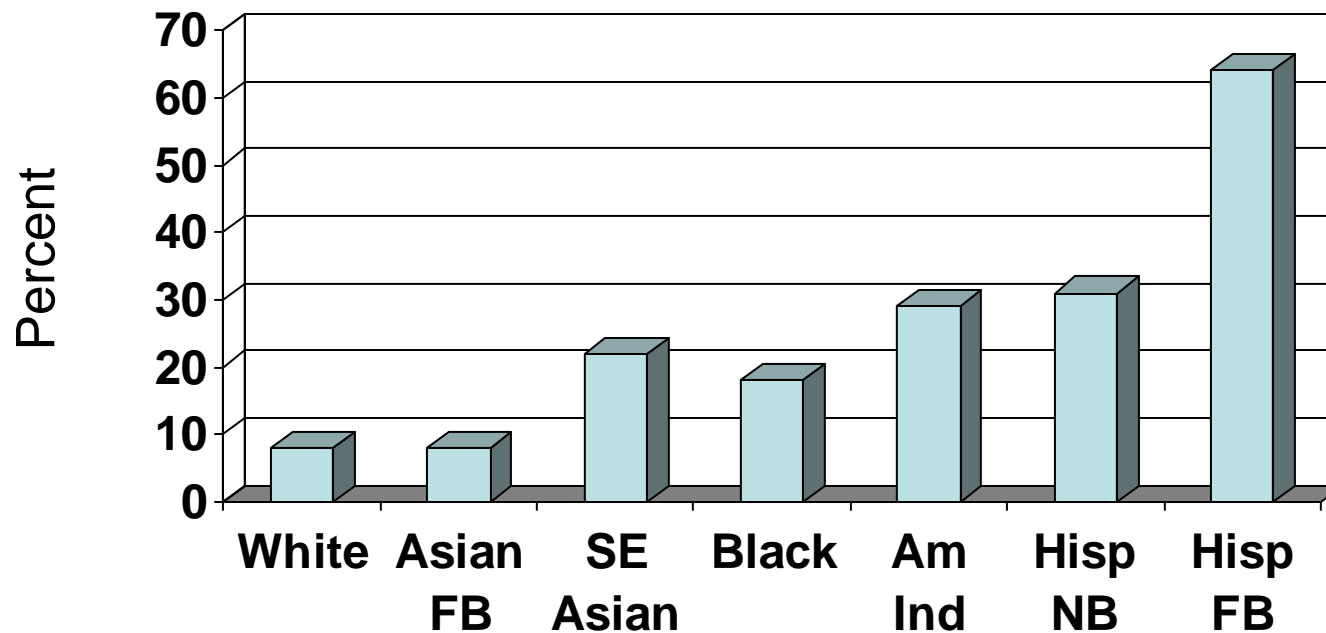
## Maternal Education for Mothers of Newborns

### New Mothers with less than 12 years of education



## Maternal Education by Subgroup

### New Mothers with less than 12 years of education

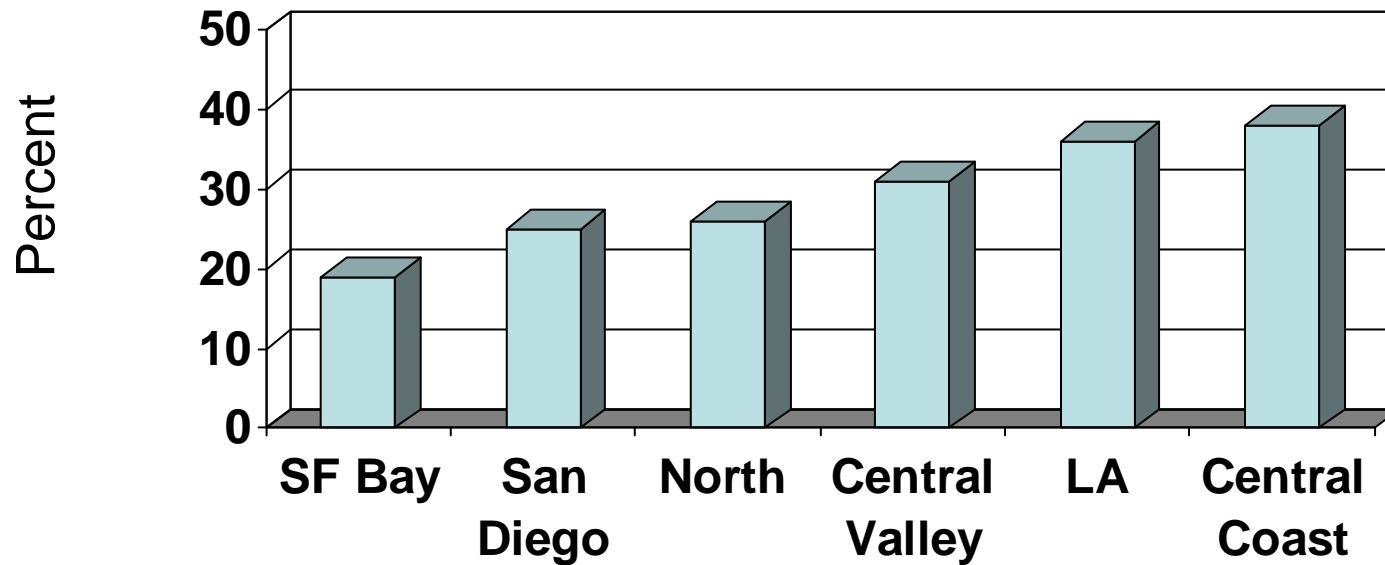


NB = Native Born

FB – Foreign Born

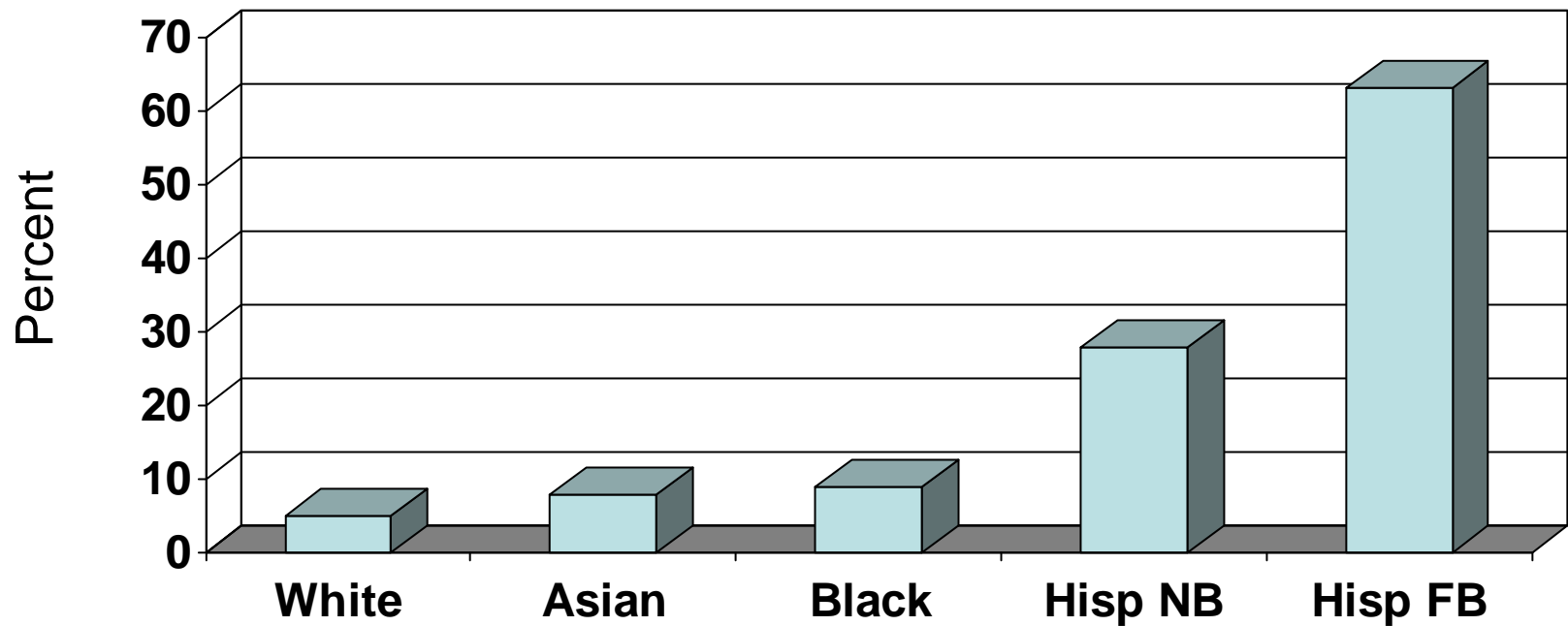
## Maternal Education by Region

**Mothers of Newborns with less than 12 years of education**



## Paternal Education by Subgroup

### Fathers with less than 12 Years of Education



NB = Native Born

FB – Foreign Born



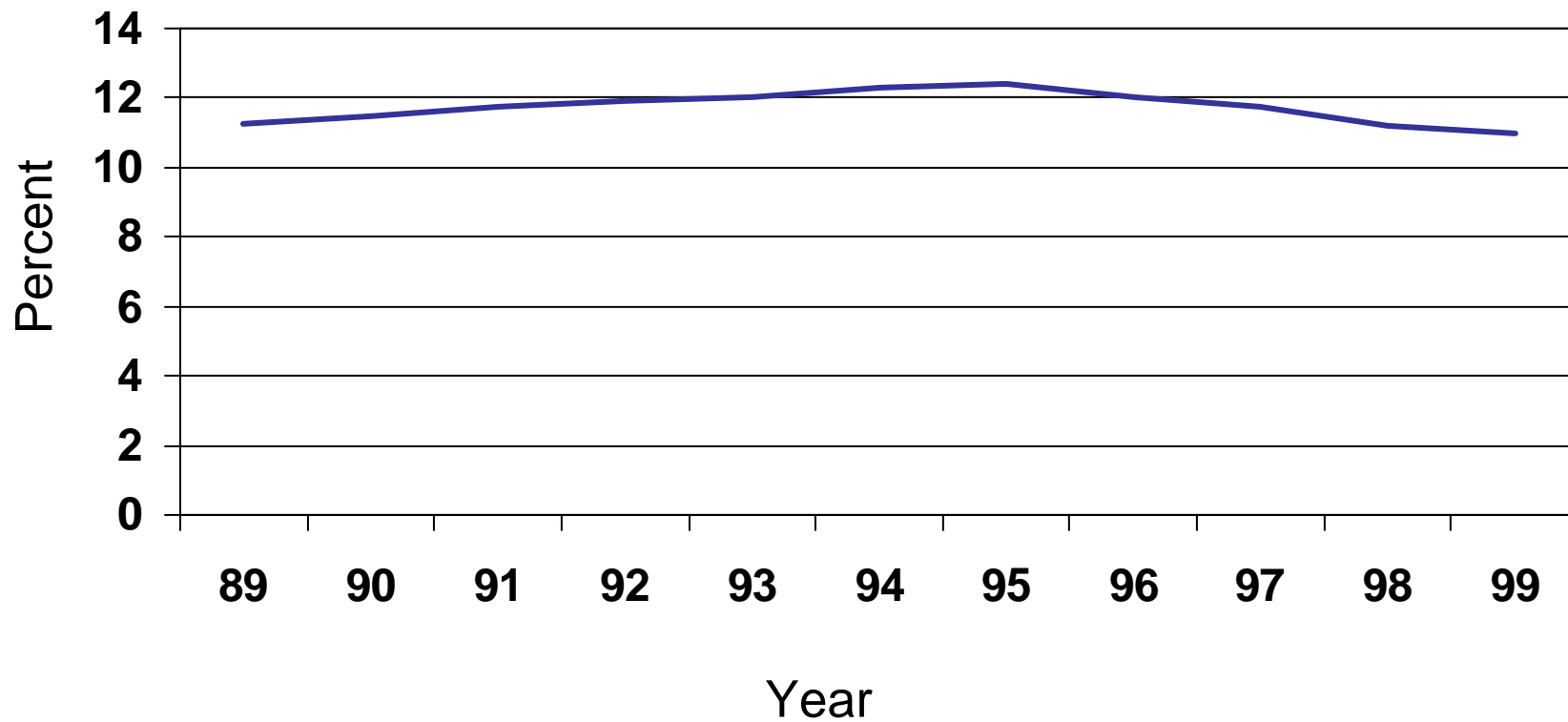
# TEEN PARENTS





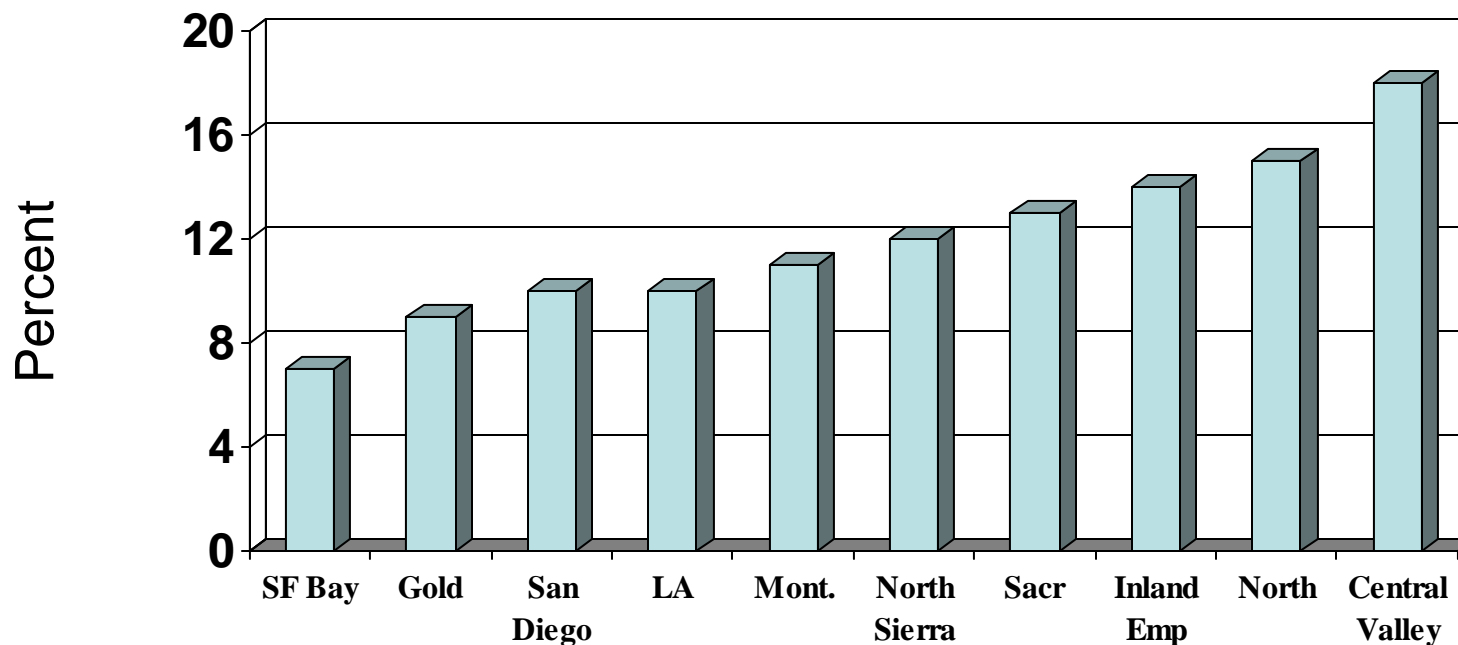
## Teen Mothers

### Newborns with Teen Mothers



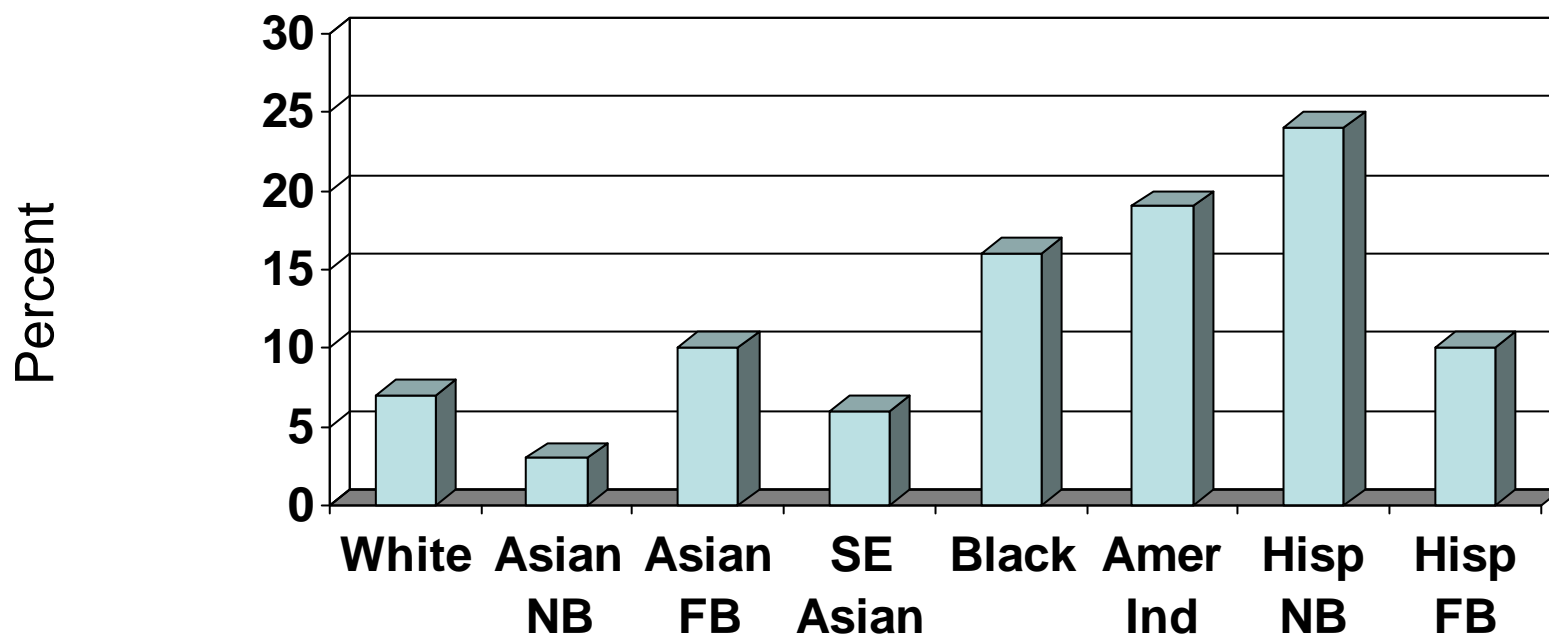
## Teen Mothers by Region

### Newborns with Teen Mothers



## Teen Mothers by Subgroup

### Newborns with Teen Mothers



NB = Native Born

FB – Foreign Born

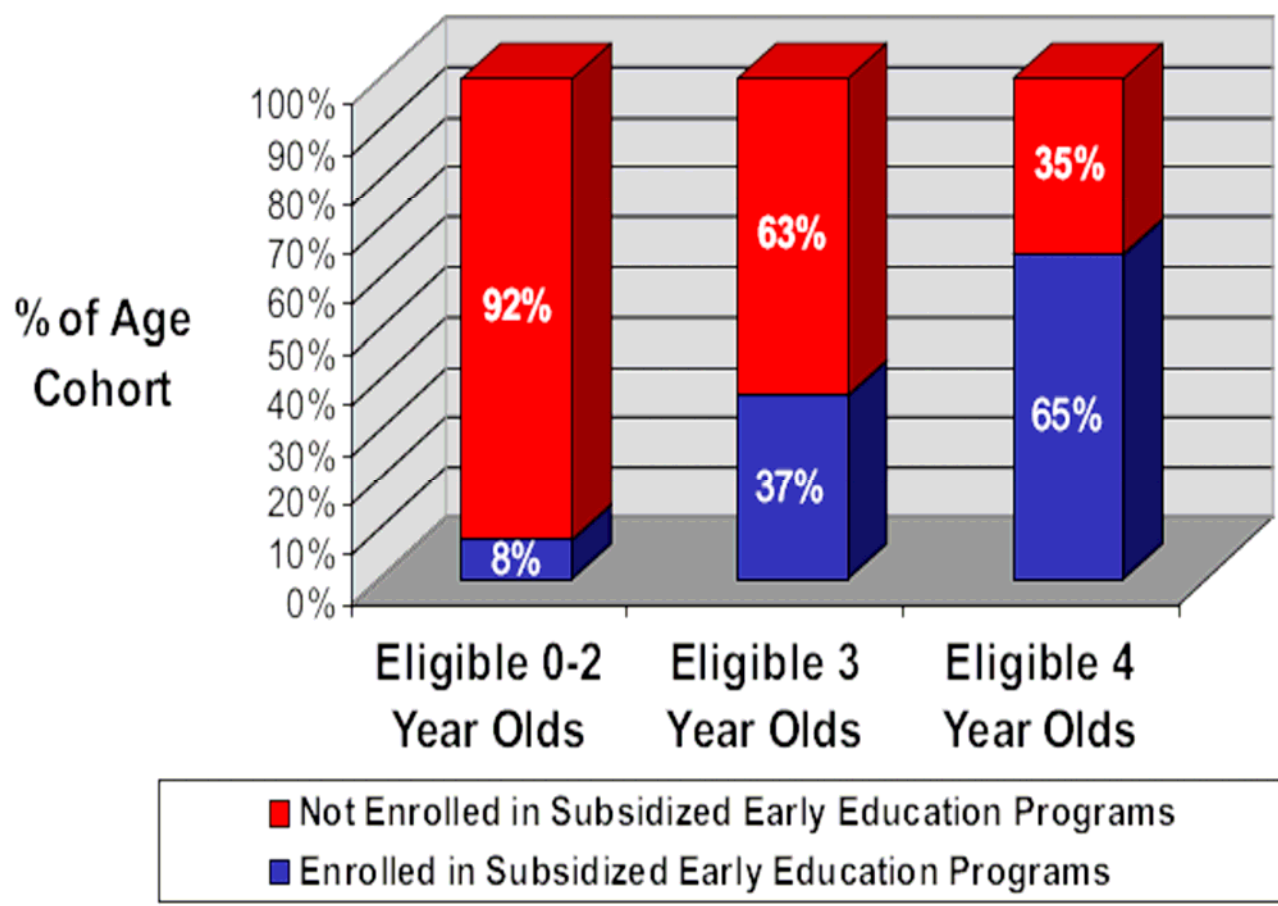


# CHILD CARE & EDUCATION





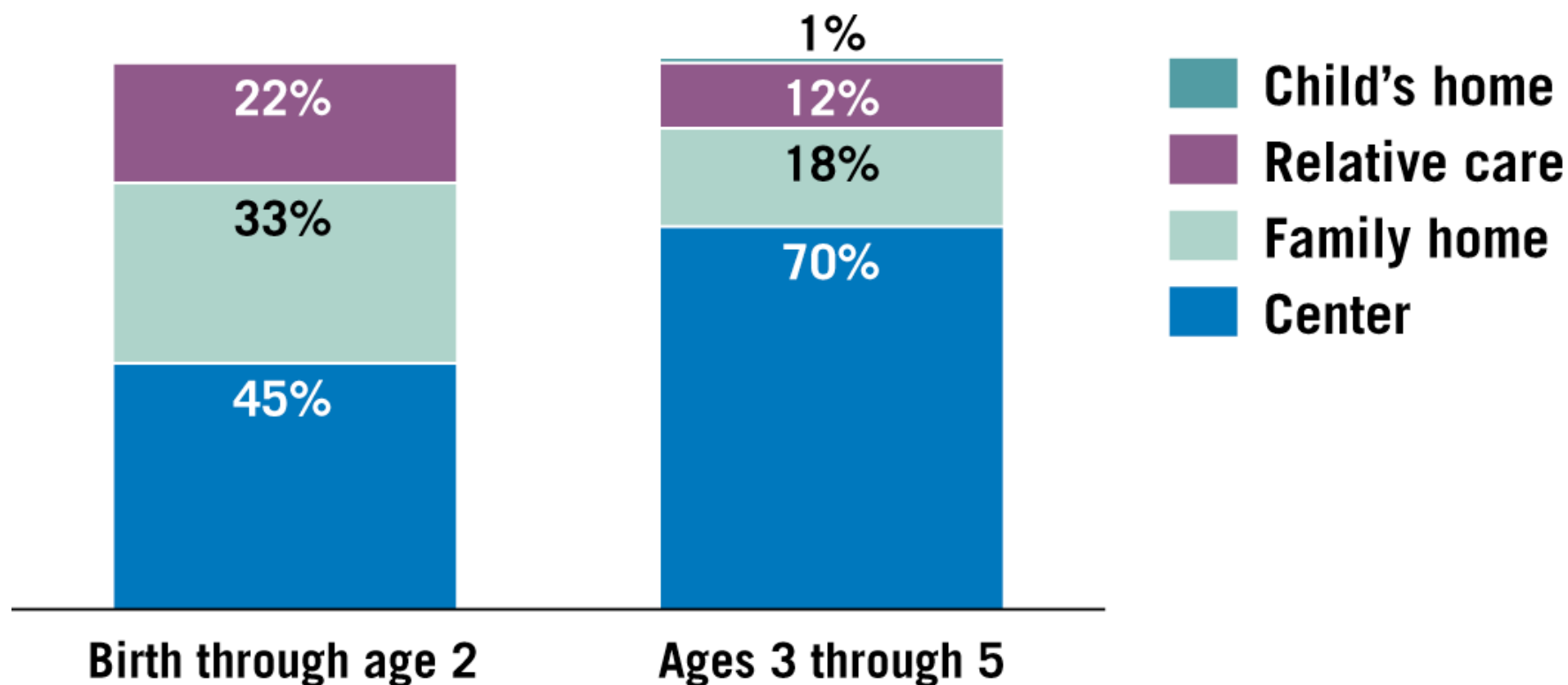
## Percent of eligible children enrolled in ECE by age



Source: Early Care and Education in the Golden State, RAND Corporation, 2007, available at [http://www.rand.org/pubs/technical\\_reports/2007/RAND\\_TR538.pdf](http://www.rand.org/pubs/technical_reports/2007/RAND_TR538.pdf)  
Note: The subsidized ECE programs counted in 2005 include Title I Preschool, Head Start, CalWORKs Stage 1, 2 and 3, AP, State Preschool Part-day, State Preschool Full-day, General CCD, Migrant CCD and Cal-SAFE.

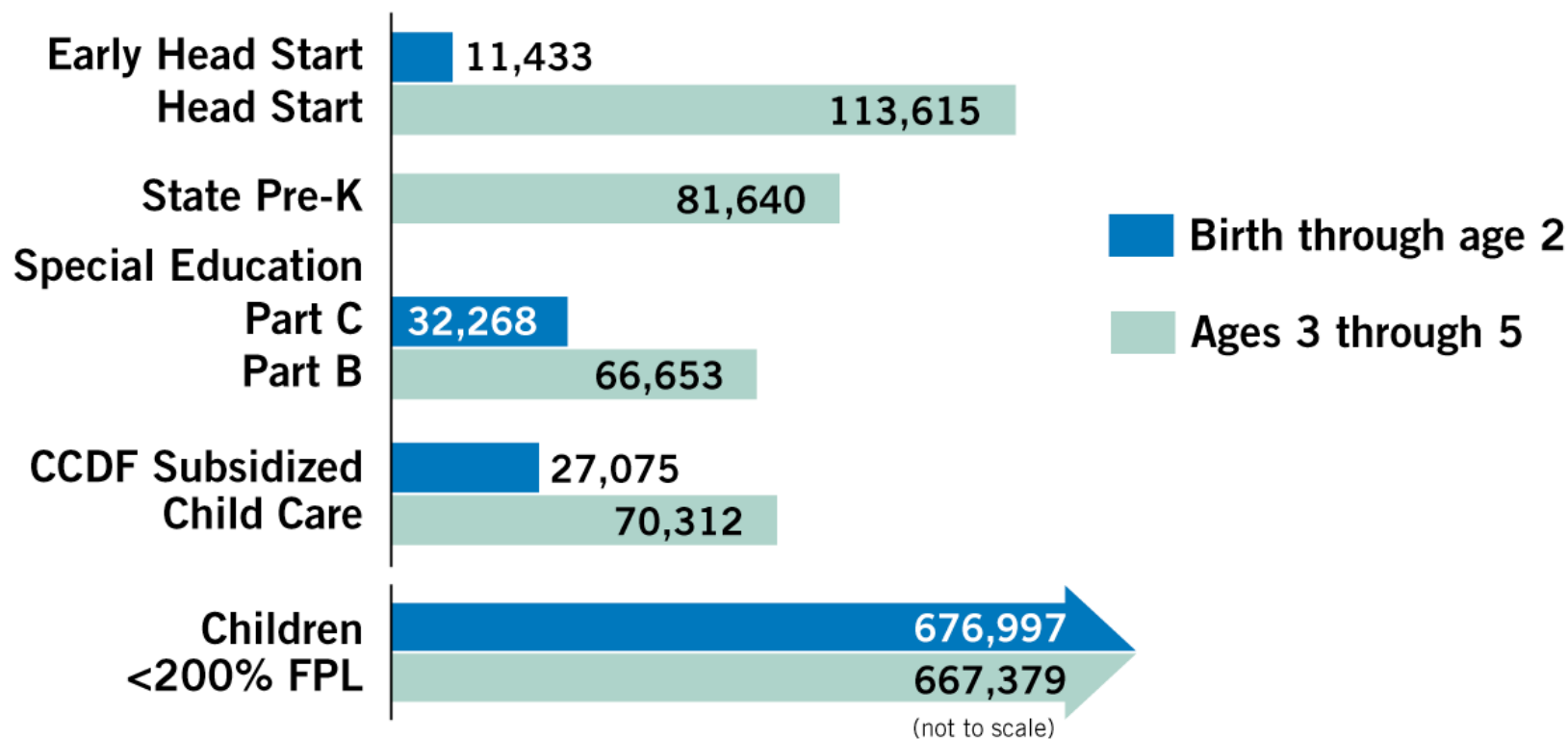


## Subsidized child care by setting, 2004





## Access to early childhood development programs by age, \*2005



\* Eligibility criteria vary by program. Children enrolled in multiple programs are counted in each program, so numbers cannot be added together. The numbers of low-income children are included to give a sense of scale and provide a context for the access information. Head Start numbers reflect actual enrollment, and child care subsidies funded from sources other than the Child Care and Development Fund are not included in this total.

## California Head Start and Early Head Start Enrollment, 2008

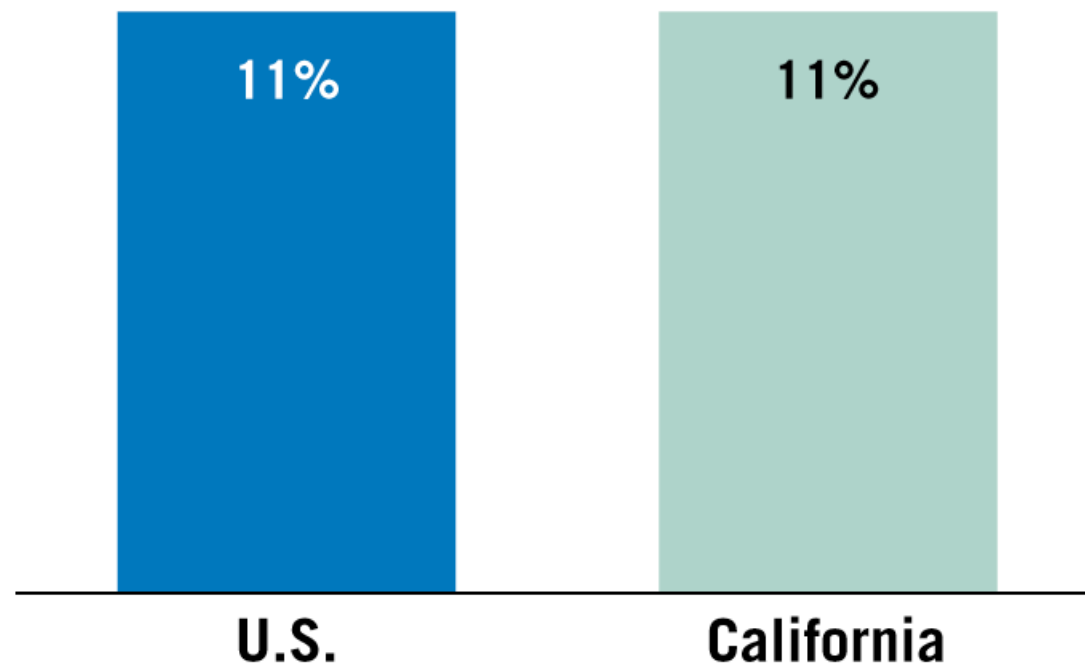
|                                 |         |
|---------------------------------|---------|
| • Head Start (3 – 5)            | 90,695  |
| • Early Head Start              | 7,652   |
| • Migrant and Seasonal HS       | 5,928   |
| • Tribal Head Start             | 608     |
| • Early Head Start Waiting List | 300,348 |
| • Head Start Waiting List       | 217,305 |



# HEALTH



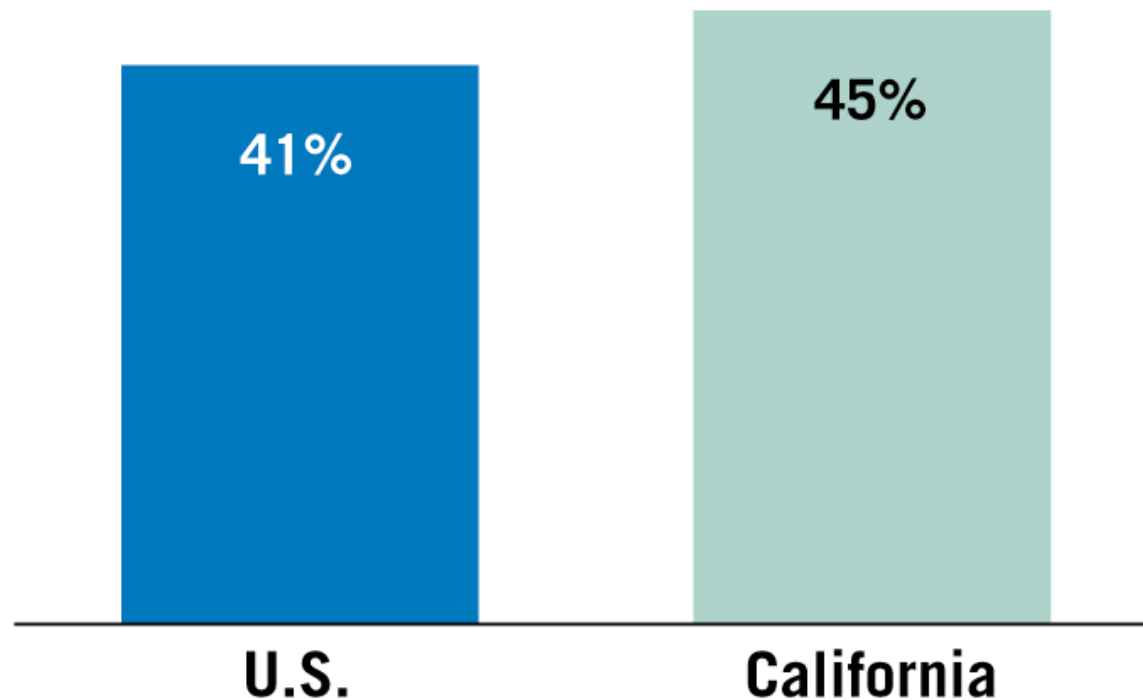
## Young children who lack health insurance, 2005



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For data sources, see <[www.nccp.org/projects/improvingtheodds\\_stateprofiles.html](http://www.nccp.org/projects/improvingtheodds_stateprofiles.html)>.

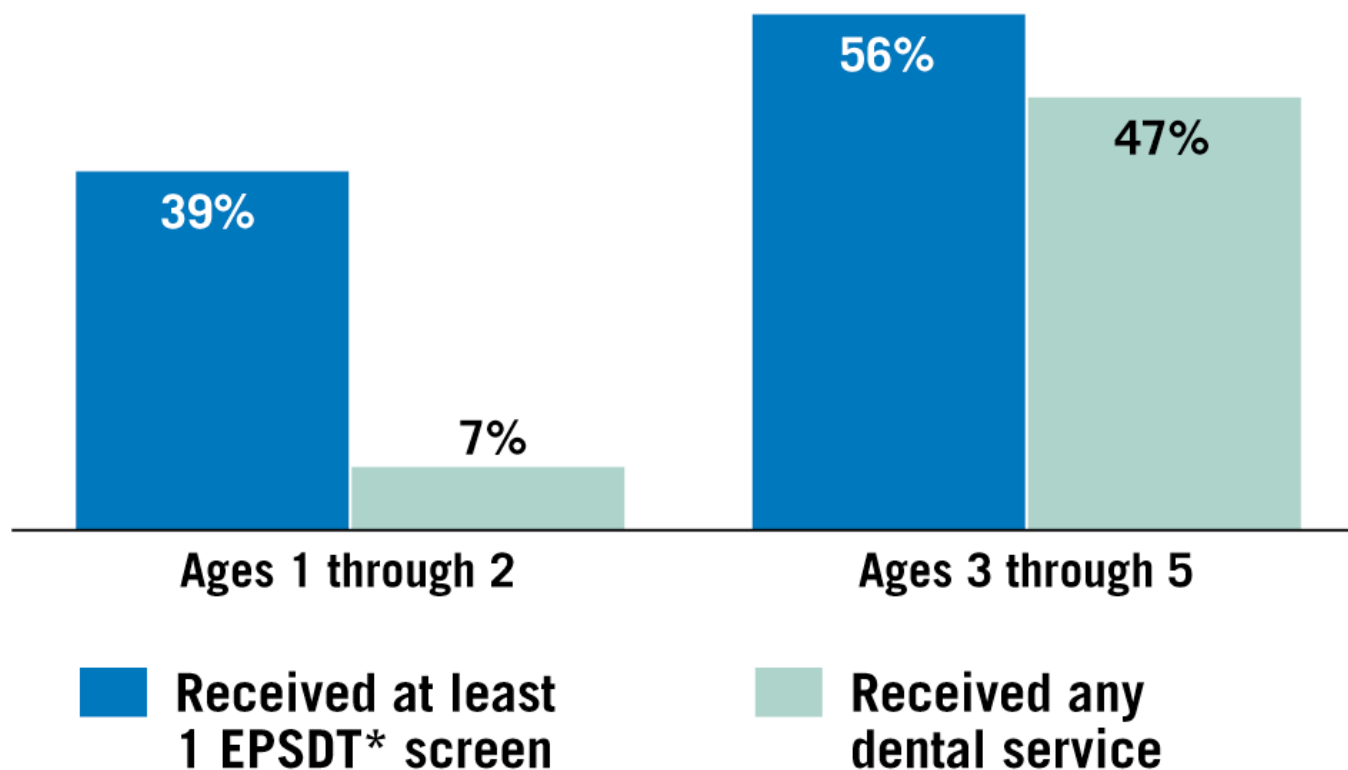
## Medicaid births as a percentage of total births, 2002



© National Center for Children in Poverty. California Early Childhood Profile.

For data sources, see <[www.nccp.org/projects/improvingtheodds\\_stateprofiles.html](http://www.nccp.org/projects/improvingtheodds_stateprofiles.html)>.

## Children on Medicaid receiving care in a 12-month period, by age, 2005



\*Early and Periodic Screening, Diagnosis, and Treatment (EPSDT)

© National Center for Children in Poverty. California Early Childhood Profile.

For data sources, see <[www.nccp.org/projects/improvingtheodds\\_stateprofiles.html](http://www.nccp.org/projects/improvingtheodds_stateprofiles.html)>.

## California Pregnancy & Smoking

- 1 in 11 infants is exposed to tobacco smoke before birth.
- 1 in 4 pregnant women who smoke deny it.
- Pregnant women who are poor smoke at twice the rate of women above the poverty line.
- Pregnant women with less than high school education smoke at more than 6 times the rate of college educated women.

Source: The California Center for Health Improvement

## Prenatal Smoking Leads to More Numerous Adverse Health Outcomes

- Low Birth weight
- Infant Death
- Respiratory Infection
- Hospitalization
- Asthma
- Ear Infections
- Learning Disorders
- Behavior Problems

Source: The California Center for Health Improvement

## Second Hand Smoke

- 1.1 million young children in California are exposed to second hand smoke in their homes.
- The majority of California households with smokers and children allow smoking in their home.

Source: The California Center for Health Improvement

## California Children & Dentistry

- 37% of CA children 2 to 5 did not see a dentist in 2008
- Over 50% of CA kindergarteners experience tooth decay
- 21% of CA 5 year olds on MediCal have never seen a dentist
- 99% of CA dentists charge more than the DentiCal reimbursement rate families receive

Children Now, California Report Card, 2008, 2009



# EXPOSURE TO MULTIPLE RISKS



## The ACE Study

- The largest study of its kind ever done to examine the health and social effects of adverse childhood experiences over the lifespan. (18,000 participants) Conducted by Vincent Felitti, M.D., at Kaiser Permanente, San Diego.

## Adverse Childhood Experiences Predict Top 10 Risk Factors In Later Life

- Smoking
- Severe Obesity
- Physical Inactivity
- Depression
- Suicide Attempt
- Alcoholism
- Illicit Drug Use
- Injected Drug Use
- 50+ Sexual Partners
- History of STDs

## Felitti's Categories of Adverse Childhood Experiences

### **Abuse by Category**

Psychological (by parent)

Physical (by parent)

Sexual (anyone)

### **Household Dysfunction by Category**

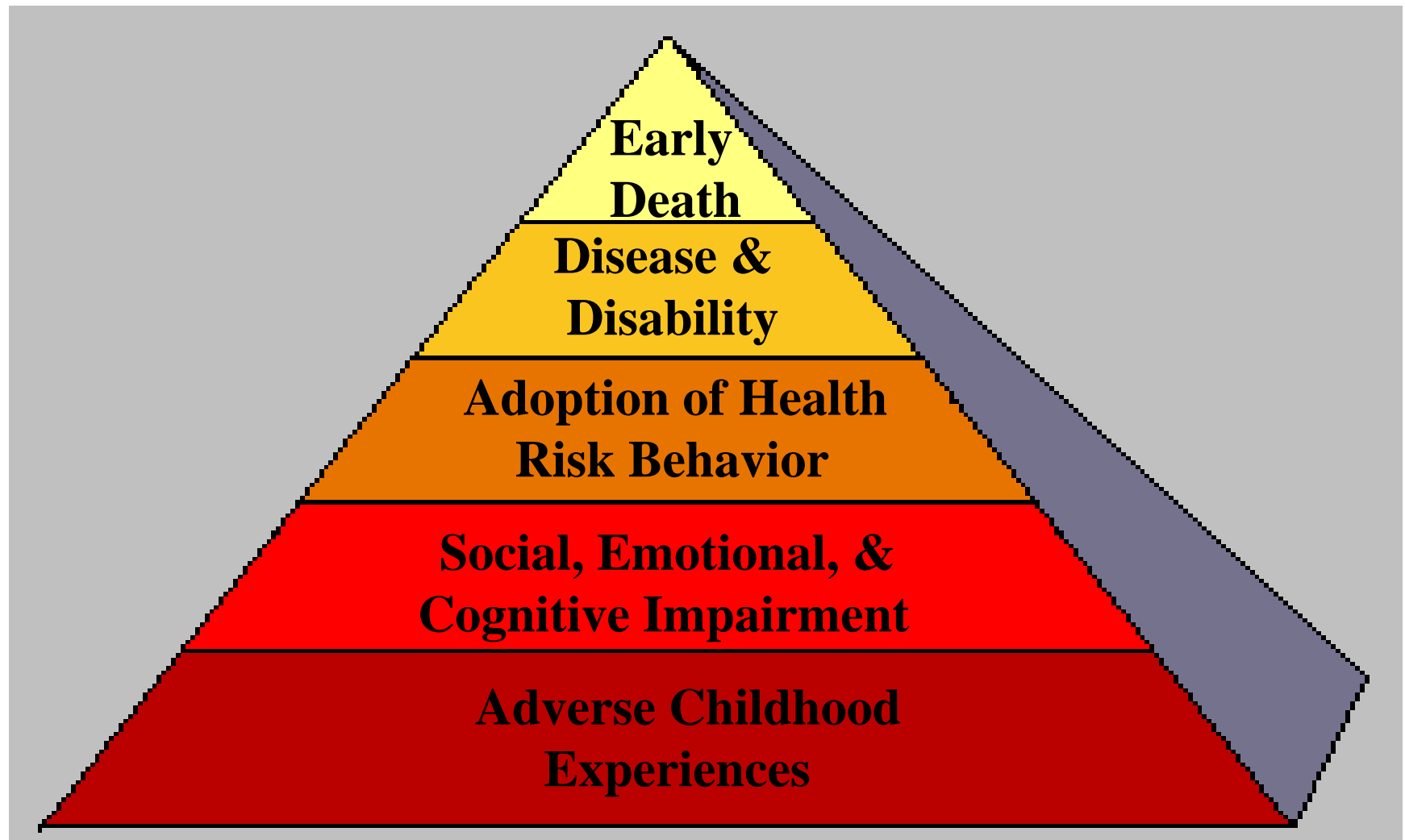
Substance Abuse

Mental Illness

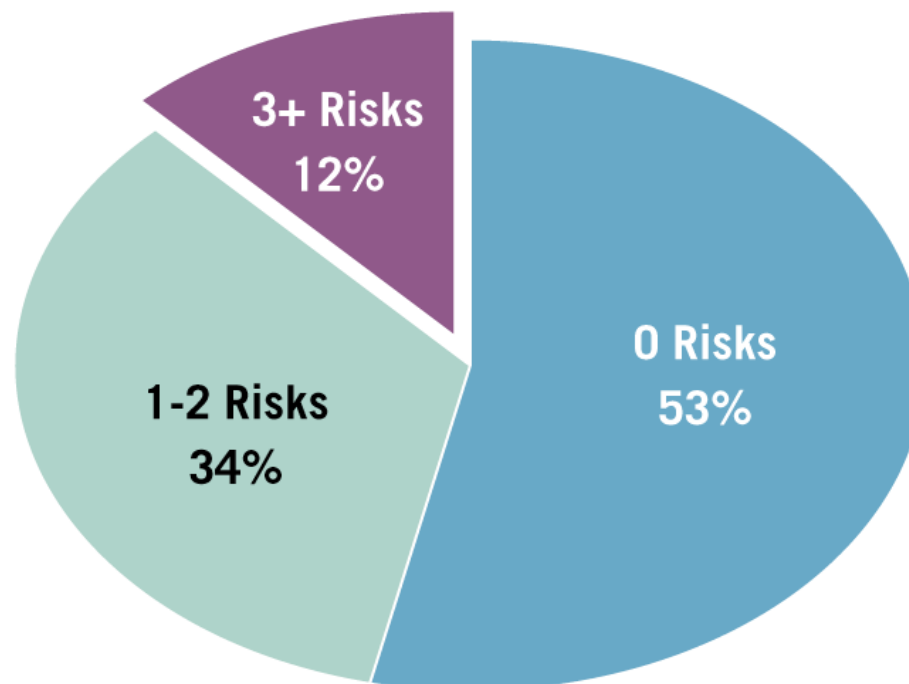
Mother Treated Violently

Imprisoned Household Member

## Felitti's General Model



## Exposure to multiple risk factors, \*2005



\*Risk factors include any combination of the following: single parent, living in poverty, parents do not speak English well, parents have less than a high school education, and parents have no paid employment.

© National Center for Children in Poverty. California Early Childhood Profile.

For data sources, see <[www.nccp.org/projects/improvingtheodds\\_stateprofiles.html](http://www.nccp.org/projects/improvingtheodds_stateprofiles.html)>.

# Early Childhood Need Index Top 40

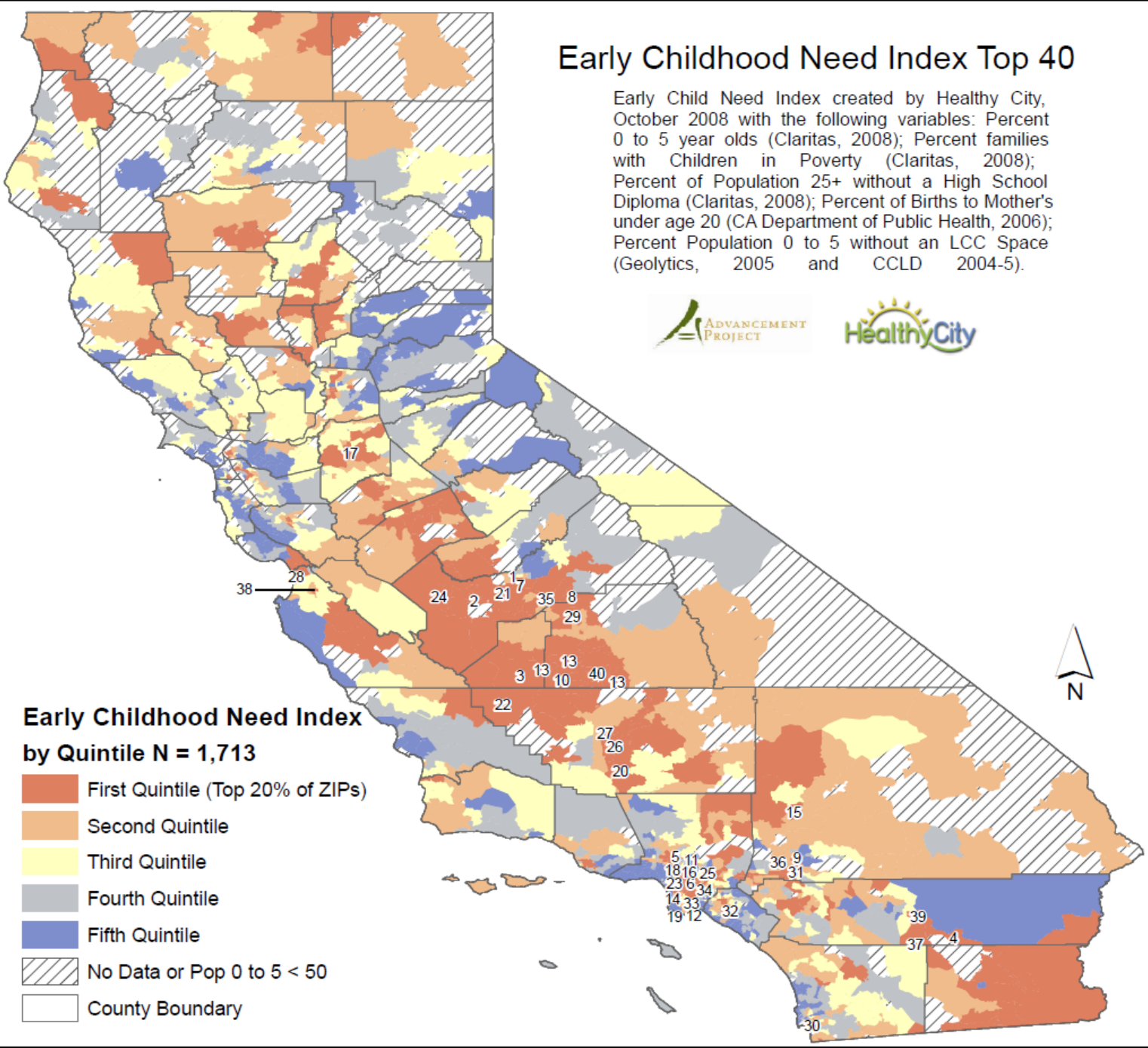
Early Child Need Index created by Healthy City, October 2008 with the following variables: Percent 0 to 5 year olds (Claritas, 2008); Percent families with Children in Poverty (Claritas, 2008); Percent of Population 25+ without a High School Diploma (Claritas, 2008); Percent of Births to Mother's under age 20 (CA Department of Public Health, 2006); Percent Population 0 to 5 without an LCC Space (Geolytics, 2005 and CCLD 2004-5).



| RANK | ZIP   | COUNTY         |
|------|-------|----------------|
| 1    | 93701 | Fresno         |
| 2    | 93660 | Fresno         |
| 3    | 93239 | Kings          |
| 4    | 92254 | Riverside      |
| 5    | 90017 | Los Angeles    |
| 6    | 90058 | Los Angeles    |
| 7    | 93702 | Fresno         |
| 8    | 93646 | Fresno         |
| 9    | 92401 | San Bernardino |
| 10   | 93219 | Tulare         |
| 11   | 90011 | Los Angeles    |
| 12   | 90813 | Los Angeles    |
| 13   | 93256 | Tulare         |
| 14   | 90059 | Los Angeles    |
| 15   | 92368 | San Bernardino |
| 16   | 90001 | Los Angeles    |
| 17   | 95202 | San Joaquin    |
| 18   | 90003 | Los Angeles    |
| 19   | 90002 | Los Angeles    |
| 20   | 93203 | Kern           |
| 21   | 93706 | Fresno         |
| 22   | 93249 | Kern           |
| 23   | 90037 | Los Angeles    |
| 24   | 93640 | Fresno         |
| 25   | 90033 | Los Angeles    |
| 26   | 93241 | Kern           |
| 27   | 93305 | Kern           |
| 28   | 95039 | Monterey       |
| 29   | 93615 | Tulare         |
| 30   | 92113 | San Diego      |
| 31   | 92410 | San Bernardino |
| 32   | 92701 | Orange         |
| 33   | 90221 | Los Angeles    |
| 34   | 90222 | Los Angeles    |
| 35   | 93648 | Fresno         |
| 36   | 92411 | San Bernardino |
| 37   | 92274 | Riverside      |
| 38   | 93905 | Monterey       |
| 39   | 92236 | Riverside      |
| 40   | 93270 | Tulare         |

## Early Childhood Need Index by Quintile N = 1,713

- First Quintile (Top 20% of ZIPs)
- Second Quintile
- Third Quintile
- Fourth Quintile
- Fifth Quintile
- No Data or Pop 0 to 5 < 50
- County Boundary



### Early Childhood Need Index Results

| Rank Early Childhood Need Index | ZIP Code | County         | Population | Licensed Child Care (LCC) Spaces | Population 25+ without a High School Diploma (%)* | Families with Children in Poverty (%)* | Population ages 0 to 5 (%)* | Births to Mothers under age 20 (%)* | Pop ages 0 to 5 without an LCC Space (%)* | Pop ages 0 to 5 without an LCC Space (#) |
|---------------------------------|----------|----------------|------------|----------------------------------|---|--|-----------------------------|-------------------------------------|---|--|
| 1                               | 93701    | Fresno         | 13,662     | 219                              | 66%   | 62%                                    | 15%                         | 21%                                 | 89%                                       | 1790                                     |
| 2                               | 93660    | Fresno         | 5,129      | 49                               | 78%   | 39%                                    | 14%                         | 23%                                 | 92%                                       | 656                                      |
| 3                               | 93239    | Kings          | 1,939      | 21                               | 78%   | 47%                                    | 12%                         | 20%                                 | 88%                                       | 197                                      |
| 4                               | 92254    | Riverside      | 11,494     | 138                              | 77%   | 48%                                    | 12%                         | 18%                                 | 91%                                       | 1215                                     |
| 5                               | 90017    | Los Angeles    | 25,959     | 245                              | 73%   | 55%                                    | 12%                         | 14%                                 | 90%                                       | 2771                                     |
| 6                               | 90058    | Los Angeles    | 4,163      | 90                               | 70%   | 49%                                    | 12%                         | 19%                                 | 81%                                       | 415                                      |
| 7                               | 93702    | Fresno         | 50,475     | 296                              | 63%   | 45%                                    | 13%                         | 20%                                 | 95%                                       | 6240                                     |
| 8                               | 93646    | Fresno         | 11,099     | 142                              | 69%   | 47%                                    | 13%                         | 18%                                 | 87%                                       | 1242                                     |
| 9                               | 92401    | San Bernardino | 2,007      | 26                               | 54%   | 48%                                    | 13%                         | 21%                                 | 90%                                       | 241                                      |
| 10                              | 93219    | Tulare         | 11,190     | 83                               | 71%   | 43%                                    | 14%                         | 16%                                 | 92%                                       | 1434                                     |
| 11                              | 90011    | Los Angeles    | 111,286    | 1209                             | 75%   | 41%                                    | 14%                         | 15%                                 | 91%                                       | 13705                                    |
| 12                              | 90813    | Los Angeles    | 68,353     | 603                              | 62%   | 50%                                    | 13%                         | 15%                                 | 93%                                       | 8572                                     |
| 13                              | 93256    | Tulare         | 4,138      | 30                               | 58%   | 49%                                    | 14%                         | 15%                                 | 95%                                       | 555                                      |
| 14                              | 90059    | Los Angeles    | 42,941     | 884                              | 57%   | 46%                                    | 13%                         | 21%                                 | 82%                                       | 4508                                     |
| 15                              | 92368    | San Bernardino | 1,008      | 17                               | 40%   | 51%                                    | 10%                         | 30%                                 | 85%                                       | 86                                       |
| 16                              | 90001    | Los Angeles    | 62,092     | 658                              | 71%   | 40%                                    | 13%                         | 16%                                 | 91%                                       | 7410                                     |
| 17                              | 95202    | San Joaquin    | 7,324      | 158                              | 54%   | 56%                                    | 11%                         | 20%                                 | 81%                                       | 646                                      |
| 18                              | 90003    | Los Angeles    | 70,148     | 1097                             | 63%   | 45%                                    | 13%                         | 16%                                 | 87%                                       | 7922                                     |
| 19                              | 90002    | Los Angeles    | 50,910     | 666                              | 61%   | 44%                                    | 13%                         | 17%                                 | 89%                                       | 5740                                     |
| 20                              | 93203    | Kern           | 17,577     | 176                              | 74%   | 33%                                    | 13%                         | 17%                                 | 91%                                       | 2058                                     |
| 21                              | 93706    | Fresno         | 38,478     | 459                              | 56%   | 48%                                    | 11%                         | 20%                                 | 88%                                       | 3821                                     |
| 22                              | 93249    | Kern           | 2,746      | 19                               | 80%   | 28%                                    | 14%                         | 13%                                 | 94%                                       | 367                                      |
| 23                              | 90037    | Los Angeles    | 60,354     | 614                              | 63%   | 44%                                    | 12%                         | 16%                                 | 91%                                       | 6744                                     |
| 24                              | 93640    | Fresno         | 11,711     | 100                              | 78%   | 43%                                    | 11%                         | 13%                                 | 90%                                       | 1157                                     |
| 25                              | 90033    | Los Angeles    | 52,147     | 887                              | 69%   | 41%                                    | 12%                         | 16%                                 | 84%                                       | 5142                                     |
| 26                              | 93241    | Kern           | 15,566     | 182                              | 72%   | 37%                                    | 13%                         | 14%                                 | 91%                                       | 1818                                     |
| 27                              | 93305    | Kern           | 36,714     | 264                              | 49%   | 43%                                    | 13%                         | 18%                                 | 94%                                       | 4551                                     |
| 28                              | 95039    | Monterey       | 2,350      | NULL                             | 46%   | 23%                                    | 10%                         | 40%                                 | NULL                                      | NULL                                     |
| 29                              | 93615    | Tulare         | 5,582      | 125                              | 74%   | 38%                                    | 12%                         | 15%                                 | 80%                                       | 533                                      |
| 30                              | 92113    | San Diego      | 49,878     | 819                              | 59%   | 38%                                    | 13%                         | 17%                                 | 86%                                       | 5718                                     |

\*Childhood Need Index variable

### Early Childhood Need Index Results

| Rank Early<br>Childhood<br>Need Index | ZIP Code | County         | Population | Licensed Child<br>Care (LCC)<br>Spaces | Population 25+<br>without a High<br>School Diploma (%)* | Families with<br>Children in<br>Poverty (%)* | Population<br>ages 0 to 5<br>(%)* | Births to<br>Mothers under<br>age 20 (%)* | Pop ages 0 to 5<br>without an LCC<br>Space (%)* | Pop ages 0 to 5<br>without an LCC<br>Space (#) |
|---------------------------------------|----------|----------------|------------|--|---|--|-----------------------------------|---|---|--|
| 31                                    | 92410    | San Bernardino | 50,444     | 291                                    | 51%   | 40%  | 13%                               | 19%                                       | 96%   | 6280   |
| 32                                    | 92701    | Orange         | 57,518     | 164                                    | 70%   | 28%  | 14%                               | 14%                                       | 98%   | 7970   |
| 33                                    | 90221    | Los Angeles    | 56,334     | 520                                    | 58%   | 33%  | 13%                               | 18%                                       | 92%   | 6747   |
| 34                                    | 90222    | Los Angeles    | 31,659     | 161                                    | 57%   | 36%  | 12%                               | 18%                                       | 95%   | 3665   |
| 35                                    | 93648    | Fresno         | 14,779     | 182                                    | 64%   | 38%  | 12%                               | 15%                                       | 88%   | 1591   |
| 36                                    | 92411    | San Bernardino | 25,021     | 278                                    | 52%   | 40%  | 12%                               | 19%                                       | 90%   | 2687   |
| 37                                    | 92274    | Riverside      | 23,530     | 80                                     | 58%   | 35%  | 10%                               | 22%                                       | 96%   | 2212   |
| 38                                    | 93905    | Monterey       | 62,615     | 470                                    | 68%   | 24%  | 14%                               | 14%                                       | 94%   | 8427   |
| 39                                    | 92236    | Riverside      | 41,004     | 241                                    | 65%   | 31%  | 12%                               | 16%                                       | 94%   | 4686   |
| 40                                    | 93270    | Tulare         | 6,778      | 30                                     | 55%   | 33%  | 12%                               | 18%                                       | 96%   | 795  |
| 41                                    | 90023    | Los Angeles    | 51,438     | 892                                    | 73%   | 34%  | 12%                               | 13%                                       | 84%   | 5260   |
| 42                                    | 90044    | Los Angeles    | 95,083     | 1496                                   | 55%   | 41%  | 12%                               | 15%                                       | 86%   | 10030  |
| 43                                    | 90304    | Los Angeles    | 32,637     | 364                                    | 66%   | 33%  | 12%                               | 15%                                       | 90%   | 3528   |
| 44                                    | 93638    | Madera         | 48,190     | 338                                    | 58%   | 35%  | 12%                               | 16%                                       | 94%   | 5570   |
| 45                                    | 93266    | Kings          | 1,931      | 11                                     | 62%   | 23%  | 13%                               | 20%                                       | 95%   | 234  |
| 46                                    | 93247    | Tulare         | 16,374     | 87                                     | 55%   | 37%  | 13%                               | 15%                                       | 95%   | 1988   |
| 47                                    | 95205    | San Joaquin    | 38,045     | 302                                    | 55%   | 34%  | 12%                               | 18%                                       | 93%   | 4212   |
| 48                                    | 90063    | Los Angeles    | 60,938     | 634                                    | 67%   | 33%  | 12%                               | 14%                                       | 90%   | 6486   |
| 49                                    | 90270    | Los Angeles    | 29,007     | 385                                    | 70%   | 27%  | 13%                               | 13%                                       | 89%   | 3337   |
| 50                                    | 95655    | Sacramento     | 3,687      | 42                                     | 25%   | 98%  | 10%                               | 4%  | 54%   | 197  |
| 51                                    | 92105    | San Diego      | 71,785     | 705                                    | 47%   | 38%  | 14%                               | 14%                                       | 93%   | 9014   |
| 52                                    | 93927    | Monterey       | 16,913     | 107                                    | 64%   | 20%  | 13%                               | 17%                                       | 94%   | 2113   |
| 53                                    | 93458    | Santa Barbara  | 51,242     | 293                                    | 55%   | 26%  | 14%                               | 16%                                       | 95%   | 6668   |
| 54                                    | 90201    | Los Angeles    | 109,174    | 738                                    | 67%   | 28%  | 13%                               | 12%                                       | 95%   | 13378  |
| 55                                    | 93250    | Kern           | 14,347     | 43                                     | 57%   | 35%  | 11%                               | 16%                                       | 97%   | 1563   |
| 56                                    | 93223    | Tulare         | 10,995     | 107                                    | 60%   | 34%  | 13%                               | 13%                                       | 91%   | 1259   |
| 57                                    | 93307    | Kern           | 74,315     | 591                                    | 54%   | 32%  | 12%                               | 18%                                       | 92%   | 8041   |
| 58                                    | 93647    | Tulare         | 11,206     | 92                                     | 61%   | 34%  | 13%                               | 12%                                       | 92%   | 1302   |
| 59                                    | 90057    | Los Angeles    | 50,934     | 253                                    | 57%   | 46%  | 11%                               | 12%                                       | 95%   | 5089   |
| 60                                    | 93235    | Tulare         | 4,670      | 38                                     | 58%   | 34%  | 12%                               | 13%                                       | 93%   | 541  |



# ECONOMIC ARGUMENTS



## Economic Returns to Early Education for Disadvantaged Children

|                 | <u>Cost</u> | <u>Benefit to Society</u> |
|-----------------|-------------|---------------------------|
| Perry Preschool | \$12,000    | \$108,000                 |
| Abecedarian     | \$35,864    | \$136,000                 |
| CPC             | \$ 7,000    | \$ 48,000                 |

## Economic Benefits of Early Education

### ***Increased Productivity***

- Increased maternal employment and earnings (child care)
- Increased skills and knowledge
- Increased high school graduation and college attendance
- Increased skilled employment and earnings

### ***Decreased Costs of Government***

- Reduced grade repetition and special education
- Fewer protective services cases
- Less welfare dependency
- Reduced crime and delinquency
- Decreased health care costs and mortality