New Mexico Community Data Collaborative
Division, NM Department of Health.
Office of Community Assessment, Planning and Evaluation of Region 3, Public Health
Center for Education Policy Research, University of New Mexico
Early Childhood Services Division, NM Children, Youth and Families Department
with the participation of
New Mexico Early Learning Advisory Council

Sponsored by

*REVISED*

County and School District Level
at the
Selected Early Childhood Indicators
of
Preliminary Maps

EARLY CHILDHOOD IN NEW MEXICO
MAPPING THE SOCIAL ECOLOGY OF
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INTRODUCTION - This collection includes some of the first mapping work of a collaborative project between multiple analysts and data sources, supported by the New Mexico Early Learning Advisory Council.

We hope to provide needed support to New Mexico’s energetic early childhood movement, and assist them to better understand the influence of place (where our children live and grow) on the health and development of our most important resource.

Through most of the maps are at the county or school district level, the eventual goal is to map these and many other indicators at the neighborhood or census tract level. See the “Child Care” and “Head Start” sections for mapping at this finer level. This 2nd version was updated August 8, 2011. Stay tuned for future updates.

The challenges of sharing data sets, building analytic capacity, improving data quality, and using web technology must be addressed in order to achieve the finer focus of neighborhood level assessment.

We hope to provide needed support to New Mexico’s energetic early childhood movement, and assist them to better understand the influence of place (where our children live and grow) on the health and development of our most important resource.
Poverty and Unemployment
Over 317,000 people in New Mexico live below the Federal Poverty Level. Over 317,000 people in New Mexico live below the Federal Poverty Level.
Poverty Rate, 2005-2009

Percent of Population with Income Below 185% of Federal Poverty Level

Source: American Community Survey

Over 717,000 people in New Mexico (~35%) live within incomes below 185% of the Federal Poverty Level.

For families with children, this is the Medicaid eligibility level.

18% - 30% of population
31% - 35%
36% - 40%
41% - 45%
46% - 50%
51% - 55%

How many people live below 185% of the Federal Poverty Level?
How many workers are unemployed in New Mexico?

8.8% of New Mexico workers – over 83,000 people – were unemployed in January 2011.
NEW MEXICO COMMUNITY DATA COLLABORATIVE

2009 & 2010
NM Counties

CYFD Protective Services
How often are children abused in New Mexico?

There were over 9500 substantiated allegations of child abuse and neglect in New Mexico in 2010.

Source: CYFD Protective Services Factbook 2010

Rate of Child Abuse, 2010

Number of Substantiated Cases

0
1 - 10 cases per 1000 children
11 - 20
21 - 35
36 - 50
51 - 87
11 - 20

New Mexico was among the highest states for child abuse and neglect in 2010.
How much domestic violence occurs in New Mexico?

In 2008, there were over 16,000 domestic violence victims identified by law enforcement agencies in New Mexico. 72% were female.

Analysis contributed by: NMDOH-CYFD

Rate of Domestic Violence, 2009

Source: CYFD

0
1 - 5 per 1000 population
5 - 7.5
7.5 - 9
9 - 12
12 or greater
In 2009, nearly 22,000 children were arrested in New Mexico. How many children are arrested in New Mexico?
Adolescent and Low Birth Weight Births

New Mexico Community Data Collaborative

2004-2008
NM Counties
Period 2004-2008. The birth rate averaged 34.3 births per 1000 girls ages 15-17.

Statewide, the rate of

Birth Rate, Girls Age 15-17

Annual Average 2004-2008

Birth Rate, NM DOH

How many young teens are having babies?
Teen Births, 2003-07

Rate per 1000 women 15-19 yrs

Source: NM DOH, Vital Records, NM IBIS

Less than 41.5 per 1000
41.6 - 50.0
50.1 - 58.0
58.1 - 73.8
73.9 or greater

Period 2004-2008, the rate of births to girls ages 15-17 averaged 34.3 per 1000 during the period.

Number of Teens Giving Birth (4560/yr)

Statewide, the rate of birth to girls aged 15-17 averaged 34.3 per 1000 during the period. 2004-2008.
much higher.

Counts this rate was
pregnancy. In some
last 3 months of their
pre-natal care until the
women giving birth in
women giving birth in
Statewide, 4.5% of all

Prenatal Care Start in the
Third Trimester 2007

Where Are Children At Risk Based On Late Pre-Natal Care?

Low & Very Low Birth Weight Births, 2003-07

Source: NMDOH, Vital Records, NM IBIS

Less than 7% of births
7.1% - 8%
8.1% - 9%
9.1% - 11%
11.1% or greater

Statewide, 8.6% of all babies born during the period 2004-2008 weighed less than 2500 grams.

Low Birth Weight Births, 2003-07

Low & Very Low Birth Weight Births, 2003-07

Where Are Children At Risk Based On Low Birth Weight?
Less than 12.5%
12.6% - 15%
15.1% - 17.5%
17.6% - 20%
20.1% or greater

Over 317,000 people in New Mexico live in incomes below the Federal Poverty Level.

Source: US Census, ACS 2008

Where are children at risk based on % of families in poverty?
In which NM Counties are children and their families most at risk based on a Combined Risk Factor Index?

McKinley and Luna Counties rank 1st and 2nd for risk. Bernalillo County ranks 25th, but . . .

Combined Risk Factor Index

- Lowest Risk (27th - 33rd)
- Below Average Risk (20th - 26th)
- Average Risk (13th - 19th)
- Above Average Risk (7th - 12th)
- Highest Risk (1st - 6th)

% Teen Birth Rate, % Low Birth Weight, % Families in Poverty, % Teen Birth Rate, % Late Pre-Natal Care.
An index combining 4 key factors was used to identify 6 contiguous South Valley and South Central Albuquerque census tracts with the highest need for home visitation programs. This slide shows all Albuquerque census tracts evaluated for those 4 risk factors. The colors on the map represent the relative level of risk.

In which Bernalillo County neighborhoods are they most at risk?
HOME VISITATION

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2010

NM COUNTIES
There are 53 programs providing home visitation services in New Mexico. Where does New Mexico offer home visitation services to newborns?
How many of New Mexico’s families receive visitation services?

Approximately 5000 families received home visitation services in 2010.
Approximately 5000 newborns (17%) received home visitation services in 2010. In San Juan and Cibola counties, over 50% of newborns received home visitation services in 2010. In San Juan and Cibola counties, over 50% of newborns received home visitation services in 2010. What percentage of New Mexico's newborns receive home visitation services?
CHILD CARE

NEW MEXICO COMMUNITY DATA COLLABORATIVE

2010

NM COUNTIES & CENSUS TRACTS
NEW MEXICO COMMUNITY DATA COLLABORATIVE

New Mexico’s 5600 child care facilities have room for 72,000 children (or 25% of all children under 10).

How many children fit into New Mexico’s child care facilities?

Capacity varies by county.

Includes all licensed and registered facilities.

- 9.3% - 15% of all children
- 15.1% - 20%
- 20.1% - 25%
- 25.1% - 30%
- 30.1% or greater

How many children fit into New Mexico’s child care facilities?
Child Care - Subsidized Placement

Percent of All Children in Child Care

- 0% - 15% of all children in childcare
- 15.1% - 20%
- 20.1% - 30%
- 30.1% - 35%
- 35.1% or greater

2011, CYFD

NEW MEXICO COMMUNITY DATA COLLABORATIVE

Analysis contributed by: NMDOH-CYFD

NM Child Care facilities receive subsidized funding for 22,000 children (30% of the 72,000 children receiving child care services).

How many children are subsidized to attend New Mexico's child care facilities?
There are 1080 licensed child care facilities, with room on average for 50 to 70 children. Total child care capacity is 76% of the children. Total they can accommodate is 53,000 children. There are 4500 registered facilities, with room for 4 children each, serve the other 18,000 children.

How many children fit into New Mexico's licensed child care facilities?
There are 1080 licensed child care facilities in New Mexico. 4- or 5-Star facilities make up 4% of all facilities (licensed and registered) and 21% of all licensed facilities. Together they hold 16,000 children, or 22% of children in child care.

How many high quality licensed child care facilities are there in New Mexico?
How poor are the families receiving subsidized child care in New Mexico?
Are there high quality Child Care programs in the areas most at risk?
Are there high quality Child Care programs in the areas most at risk in Albuquerque?

The Albuquerque neighborhood of highest risk (with a population of 35,000) is served by 1 high quality child care program, 1 City of Albuquerque pre-school, and 4 Head Start programs.

- NM Department of Health, Public Health Division, ABC HEAT

Combined Risk Factor Index

<table>
<thead>
<tr>
<th>Services</th>
<th>4 5 Star Licensed Child Care Facilities</th>
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<tr>
<td>Lowest Risk</td>
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<tr>
<td>Lower Risk</td>
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<td>Average Risk</td>
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<td>Higher Risk</td>
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<td>Highest Risk</td>
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<tr>
<td>% Teen Births</td>
<td>% Low Birth Weight</td>
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Census Tracts

Bernalillo County

Albuquerque
Are there high quality Child Care programs in the areas at risk in Las Cruces?
The number of licensed child care facilities varies from 1-to-10 to 3-to-1 depending on the county. Three NM counties have no licensed facilities.

What is the ratio of licensed to registered child care facilities – by county?
The number of licensed child care facilities compared to registered child care homes varies depending on the census tract. 25% of NM census tracts have no licensed child care facilities. From 1-to-10 to 5-to-1, the ratio of licensed to registered child care facilities varies. What is the ratio of licensed to registered child care facilities – by census tract?
Licensed child care centers (and 4 & 5 Star centers) tend to cluster in certain neighborhoods.

Albuquerque – licensed vs. registered child care facilities

Licensed Child Care Centers (and 4 & 5 Star Centers) tend to cluster in certain neighborhoods.
Licensed Child Care Locations

Las Cruces - licensed vs. registered child care facilities

Licensed Child Care Centers (and 4 & 5 Star Centers) tend to cluster in certain neighborhoods.

Source: CYFD

Las Cruces - licensed vs. registered child care facilities

Licensed vs. Registered Facilities

0.01 - 0.17 Licensed for Each Registered
0.18 - 0.42
0.43 - 1.00
1.01 - 6.00 Licensed for Each Registered
No Licensed Facilities

Source: CYFD

NM DOH-CYFD

Las Cruces - licensed vs. registered child care facilities

Types of Facilities

Registered Home

(!) 4 & 5-Star Licensed Facilities
(!) 1, 2 & 3-Star Licensed Facilities