Ann & Robert H. Lurie Children's Hospital of Chicago

The Top Health and Injury Risks for Children in Chicago

Motor Vehicle Injuries

Age group at highest risk:
Ages 15-19

Adolescents aged 15-19 are more likely to visit the hospital because of an injury in a motor vehicle incident from Chicago's Northwest and West sides than in other parts of the city.

Map shows ages 15-19 and per per 100,000

22.3 Unknown
12.4 Bicyclist/Ped Injury
5.8 Sightseer
3.9 Other
1.2 Motorcycle

Hospitalizations caused by motor vehicle related injuries in Chicago youth, by type of incident (rates per 100,000)

Sports/Outdoor Activities

Age group at highest risk:
Ages 10-14

Adolescents aged 10-14 are slightly more likely to be sent to the hospital injured in a sports/outdoor activity from Chicago's Northwest, West and Far South sides.

Map shows ages 10-14 and per per 100,000

Hospitalizations caused by football, sports and outdoor activities injuries in Chicago children and adolescents, by age (rates per 100,000)

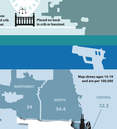
4.9 Strikes/ Falls
1.4 Over-exertion
3.9 Other
7.0 Bicycle

Hospitalizations for sports/outdoor injuries in Chicago youth, by type of incident, 2003-2007(rates per 100,000)

Unintentional Poisoning

Age group at highest risk:
Ages 0-4

Children from Chicago's West, South and Far South sides aged 0-4 are more than two times more likely to be treated for an unintentional poisoning than kids in the North and Northwest sides.



Map shows ages 0-4 and per per 100,000

Hospitalizations for unintentional poisonings in Chicago children and adolescents, by age (rate per 100,000)

1.9 Gas
2.7 Sedative/ Hypnotic
8.1 Drugs

Hospitalizations for unintentional poisonings in Chicago youth, by type of incident, 2003-2007(rates per 100,000)

Falls

Age group at highest risk:
Ages 0-4

Children aged 0-4 are two times more likely to be hospitalized for a fall than other children. Children in Chicago's Central, West, Southwest and South sides are at a higher risk than other areas.

Map shows ages 0-4 and per per 100,000

Hospitalizations for falls in Chicago youth, by age, 2000-2007 (rates per 100,000)

3.7 Stairs
3.5 Bed/ Furniture
8.4 Furniture
5.9 Collision/ Lower
3.4 Tripping
11.5 Other
4.7 Unknown

Average hospitalizations for falls in Chicago youth, by type/location, 2000-2007 (rates per 100,000)

Sleep-Related Infant Deaths

Age group at highest risk:
Infants Under 6 mons.

Infants under six months of age are at the highest risk for sleep-related deaths. African American babies are almost six times more likely to suffer a sleep-related death than those from any other group.

Sleep related deaths in Cook County, by race/ethnicity, 2003-2007 (rate per 100,000 live births)

Sleep circumstances of infants who died from 'undetermined' cause, 2003-2007

Residential location of infants who died from undetermined causes, 2003-2007

Firearm Injuries

Age group at highest risk:
Ages 15-19

Adolescents are at highest risk of firearm injury if they live in the following regions of the city: South, Far South, West and Southwest sides. However, even youth in the lowest risk Chicago neighborhoods are at two or more times the risk of firearm injury than adolescents across Illinois.

African American

Hispanic

Map shows ages 15-19 and per per 100,000

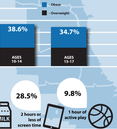
Trend in firearm injury among Chicago children and adolescents by race/ethnicity (rate per 100,000)

Total Firearm Fatalities in Chicago youth, ages 15-19, combined region (2000, 2001, 2002, unrounded rates)

Child Abuse

Age group at highest risk:
Ages 0-4

Young children, ages 0-4, are more likely victims of physical abuse, shaken infant abuse, neglect and unspecified abuse than older children.



Total hospitalizations for child abuse injuries in Chicago youth, by age (rates per 100,000)

Number of child abuse injuries for Chicago children and adolescents, by age (rate per 100,000)

3.8 Physical Abuse
1.1 Shaken Infant Injury
1.6 Neglect
3.4 Other
1.3 Neglect

Hospitalizations for child abuse injuries in Chicago youth, by type of incident, 2005-2007 (rate per 100,000)

Suicide/Depression

Age group at highest risk:
Ages 15-19

Adolescent boys aged 15-19 are at the highest risk of suicide in Chicago. Adolescents in the Central, Northwest, North and Far South sides are at a greater risk.

Map shows ages 15-19 and per per 100,000

Number of suicide deaths for Chicago youth, by weapon type and sex

Other
Strangulation
Firearm
Other
Strangulation

12 Study Instrument
42.6 Poisoning
6.3 Other

Hospitalizations for suicide attempts and suicide deaths in Chicago youth, by type of weapon, 2011 (rates per 100,000)

Asthma & Other ACS* Conditions

Age group at highest risk:
Ages 0-4

Children under the age of 4 on the West and Southwest sides of Chicago are most likely to have a hospitalization related to asthma or ACS.

Map shows ages 0-4 and per per 100,000

Hospitalizations for asthma and ambulatory care sensitive conditions, by age

Hospitalizations for ACS Conditions in Chicago youth, by age, 2011 (rate per 100,000)

*Ambulatory Care Sensitive Conditions

Complex Chronic Conditions

Age group at highest risk:
Infants Under 1 Year

While infants are the highest risk of being hospitalized for a complex medical condition, children and adolescents with complex conditions of all ages are at risk of hospitalization due to or unexpected worsening of their condition.

Percent of hospitalized Illinois residents aged 0-19 with medical complexity and their hospitalizations resulting from one of the Complex Chronic Conditions, 2011

Percent of all admissions resulting from exacerbations of complex conditions at Lurie Children's 2011

Obesity, Nutrition & Physical Activity

Age group at highest risk:
Ages 10-19

Chicago children ages 3-9 are at the highest risk for being overweight and obese. Only about 50% of children in Chicago are at a healthy weight.

3 servings of fruits or vegetables
4 servings of grains
3 servings of low fat dairy
2 hours or less of screen time
1 hour of active play

Prevalence of overweight and obese youth in Chicago, by age, 2012

Percent of Chicago children who meet the 2-0-3-4-1 Out! Goals

Ann & Robert H. Lurie Children's Hospital of Chicago

All data can be found in Ann & Robert H. Lurie Children's Hospital of Chicago's 2013 Community Health Needs Assessment

www.luriechildrens.org/CHNA