

CHILDREN WITH LYME BY THE NUMBERS

All Reported Lyme Case Numbers from CDC 2001-2010

2001 17,029
2002 23,763
2003 21,273
2004 19,804
2005 23,305
2006 19,931
2007 27,444
2008 35,198
2009 38,468
2010 30,158

TTL 256,373 Total reported cases [10x=2,563,730 actual cases since Lyme is underreported by 10 fold]

School Age children 2001-2010

Age breakdown estimated from CDC graph 2001-2010 (exact numbers not on graph, estimated from graph)

<http://www.cdc.gov/lyme/stats/chartstables/incidencebyagesex.html>

5-9 (boys/girls)

20,000 + 14,000 = 34,000

10-14 (boys/girls)

17,500 + 10,625 = 28,125

15-19 (boys/girls) (took 4/5 of the Total in this category to get ages 15-18)

12,500 + 6,875 = 19,375 x 80% = 15,500

Total 5-18 children

77,625 reported children (10x=776,250)

Actual reported kids 5-18/Actual reported cases $77,625/256,373=30\%$ of cases 2001-2010

Birth to 4 children 2001-2010

0-4(boys/girls)

Actual reported kids B-4/ Actual reported cases $8,750+8,125=16,875/256,373=7\%$ of reported

Birth-18 children 2001-2010

0-18 (boys & girls) {[school age 30%] + [birth-4 7%]}

37% of actual reported cases

256,373 reported numbers x .37% = 94,858.01 Children 0-18 2001-2010 based on reported cases

94,858.01 x 10 = 948,580.1 children who met CDC criteria

Period 1990-2011 Reporting Period using same percent for children 0-18

429,851 reported CDC cases from 1990-2011

37% x 429,851 = 159,044.87 reported from children 0-18 '90-'11

10x = 1,590,448.7 actual children developing new LDA over that period that meet CDC criteria



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