

Sudden Unexpected Infant Deaths

According to the Centers for Disease Control and Prevention (CDC), Sudden unexpected infant death (SUID) is the death of an infant less than 1 year of age that occurs suddenly and unexpectedly, and whose cause of death is not immediately evident before investigation.

Most SUIDs are reported as one of three types:

Sudden Infant Death Syndrome (SIDS)

Unknown Cause

Accidental Suffocation and Strangulation in Bed (ASSB)

Idaho and U.S.

The SUID death rate for Idaho has followed an up-and-down pattern from 2002 to 2014. In 2013, which is the latest year U.S. data are available, the Idaho SUID rate (102.9 deaths per 100,000 live births) was 17.8 percent higher than the U.S. rate (87.3 deaths per 100,000 live births).

Reporting Issues

Different practices in the investigation and reporting of SIDS, unknown cause, and ASSB in the states affect the ability to consistently monitor individual trends. The graphs on pages 3 and 4 show how the proportion of Sudden unexpected infant deaths from SIDS, unknown cause, and ASSB have changed over time in Idaho and the U.S. From 2002 to 2014, SIDS comprised as much as 88.9 percent of the SUID rate (2009) and as little as 57.1 percent of the SUID rate (2005) in Idaho. Since the early 2000s, there has been a shift in the types of SUID reported in the U.S. Deaths reported as unknown cause and ASSB have increased and deaths reported as SIDS have decreased. In the U.S. in 2002, 60.4 percent of the SUID rate was from SIDS, and in 2013, 45.5 percent of the SUID rate was from SIDS. The CDC indicates the cause for the shift could be due to stricter adherence to SIDS definition by death certifiers, the availability of more complete death scene investigation and autopsy data, or the availability of more detailed information on the circumstances surrounding each death resulting from child death reviews.

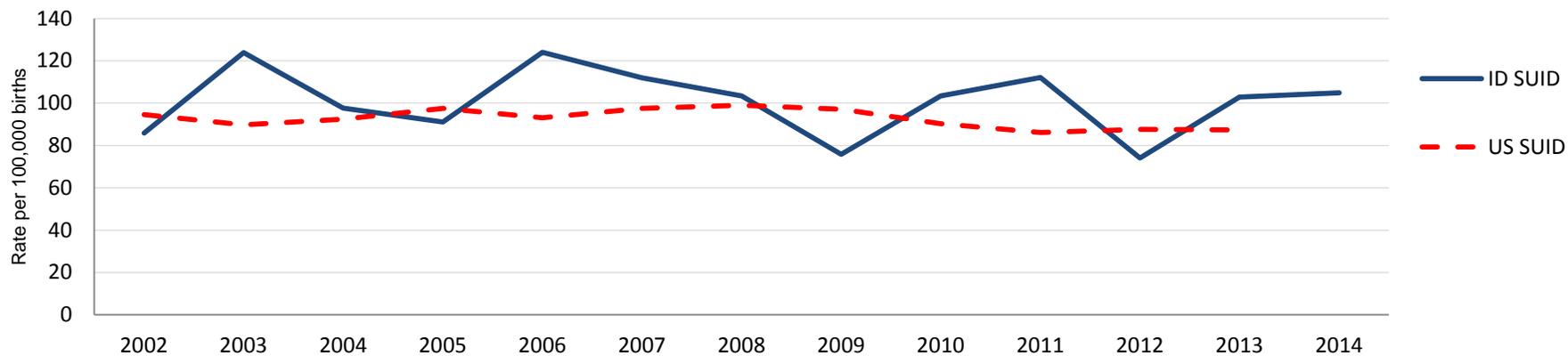
From 2002 to 2014, cause of death is determined using the following ICD-10 codes: SIDS (R95), unknown cause (R99), and ASSB (W75).

Idaho and U.S. Resident Infant Deaths
2002-2014

Number and Rate of Sudden Unexpected Infant Deaths (SUID)*

IDAHO	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
SIDS Deaths	13	19	19	12	24	23	21	16	21	16	10	15	14
Unknown cause	3	8	3	6	6	-	1	2	1	4	5	5	6
Accidental Suffocation and Strangulation in Bed (ASSB)	2	-	-	3	-	5	4	-	2	5	2	3	4
Total Sudden Unexpected Infant Death	18	27	22	21	30	28	26	18	24	25	17	23	24
Rate per 100,000 births	85.8	123.9	97.7	91.1	124.0	111.9	103.4	75.9	103.4	112.1	74.1	102.9	104.9

U.S.	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
SIDS Deaths	2,295	2,162	2,246	2,230	2,323	2,453	2,353	2,226	2,063	1,910	1,679	1,563	NA
Unknown cause	1,081	1,089	1,039	1,290	1,058	1,085	1,117	1,118	918	869	1,061	1,052	NA
Accidental Suffocation and Strangulation in Bed (ASSB)	425	418	513	514	588	669	736	665	629	624	723	819	NA
Total Sudden Unexpected Infant Death	3,801	3,669	3,798	4,034	3,969	4,207	4,206	4,009	3,610	3,403	3,463	3,434	NA
Rate per 100,000 births	94.5	89.7	92.4	97.5	93.0	97.5	99.0	97.1	90.3	86.1	87.6	87.3	NA



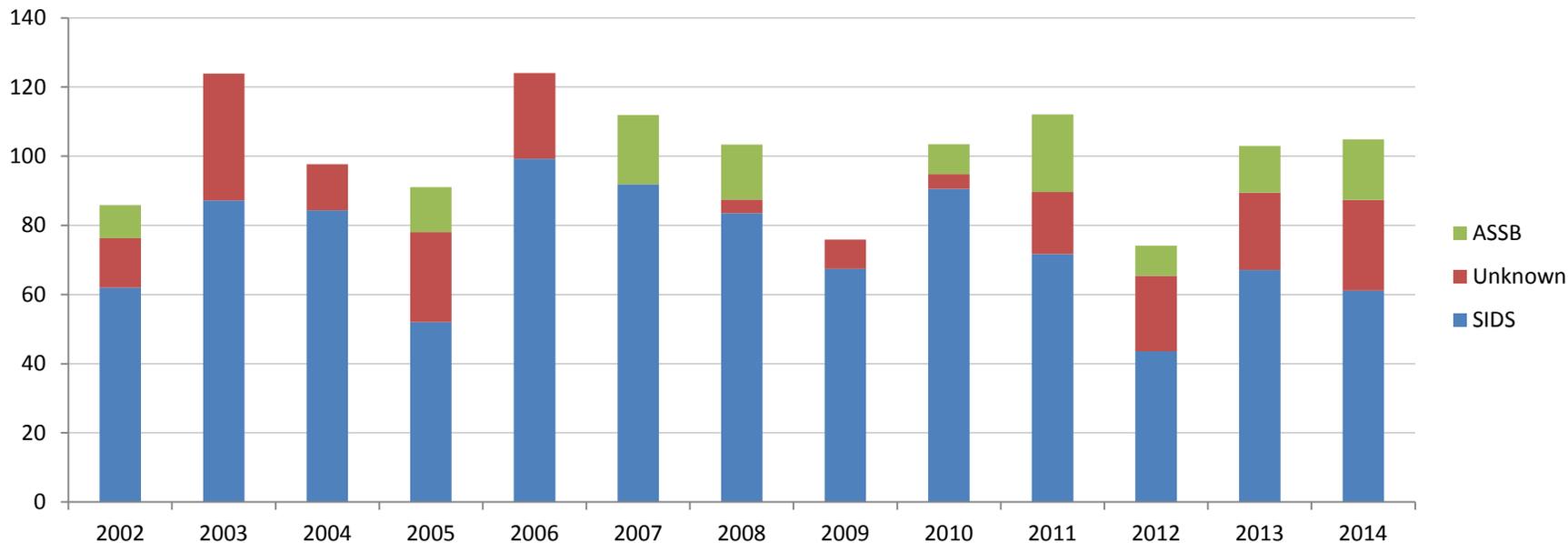
*From 2002-2014, cause of death is determined using the following ICD-10 codes: Sudden Infant Death Syndrome SIDS (R95), unknown cause (R99), and ASSB (W75). Idaho source: Bureau of Vital Records and Health Statistics; Division of Public Health (July 2015). U.S. source: CDC Wonder (July 2015). NA: not available.

Idaho Resident Infant Deaths
2002-2014

Rate of Sudden Unexpected Infant Deaths (SUID)*

IDAHO	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Sudden Infant Death Syndrome (SIDS)	62.0	87.2	84.3	52.0	99.2	91.9	83.5	67.4	90.5	71.7	43.6	67.1	61.2
Unknown cause	14.3	36.7	13.3	26.0	24.8	-	4.0	8.4	4.3	17.9	21.8	22.4	26.2
Accidental Suffocation and Strangulation in Bed (ASSB)	9.5	-	-	13.0	-	20.0	15.9	-	8.6	22.4	8.7	13.4	17.5
Total Sudden Unexpected Infant Death	85.8	123.9	97.7	91.1	124.0	111.9	103.4	75.9	103.4	112.1	74.1	102.9	104.9

Idaho SUID Death Rate Per 100,000 Live Births



Rate: number of deaths per 100,000 live births

*From 2002-2014, cause of death is determined using the following ICD-10 codes: Sudden Infant Death Syndrome SIDS (R95), unknown cause (R99), and ASSB (W75).

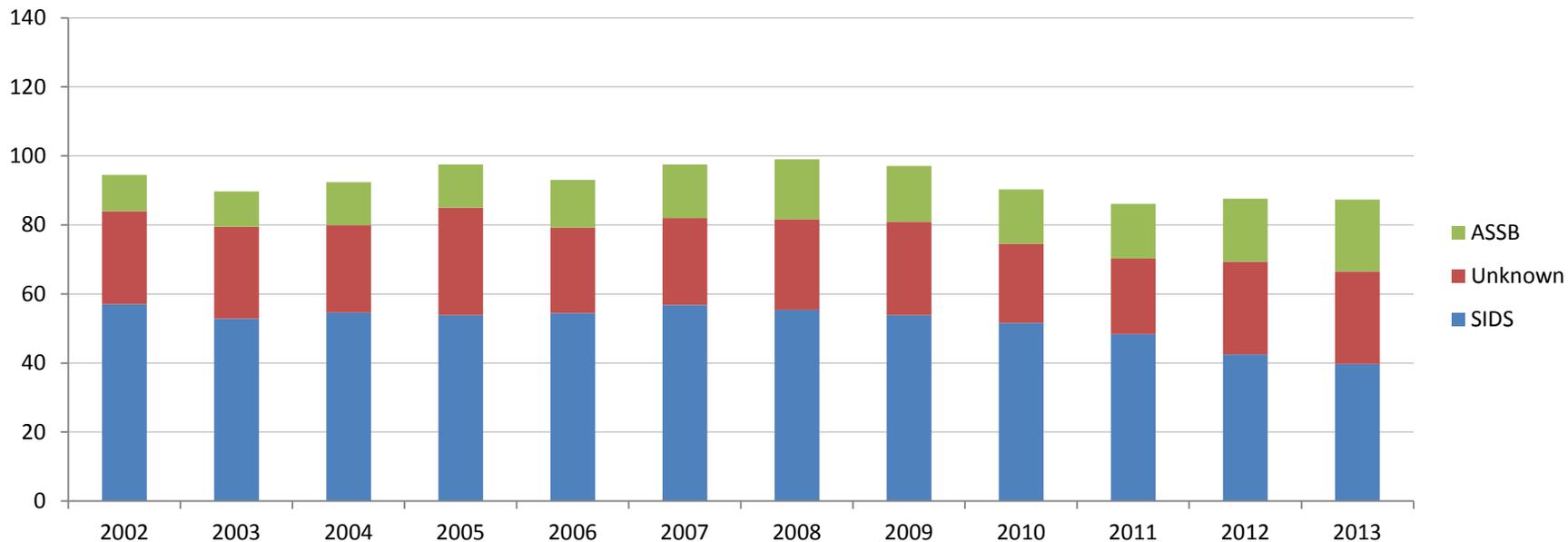
Idaho source: Bureau of Vital Records and Health Statistics; Division of Public Health (July 2015).

U.S. Resident Infant Deaths
2002-2013

Rate of Sudden Unexpected Infant Deaths (SUID)*

US	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Sudden Infant Death Syndrome (SIDS)	57.1	52.9	54.6	53.9	54.5	56.8	55.4	53.9	51.6	48.3	42.5	39.7	NA
Unknown cause	26.9	26.6	25.3	31.2	24.8	25.1	26.3	27.1	23.0	22.0	26.8	26.8	NA
Accidental Suffocation and Strangulation in Bed (ASSB)	10.6	10.2	12.5	12.4	13.8	15.5	17.3	16.1	15.7	15.8	18.3	20.8	NA
Total Sudden Unexpected Infant Death	94.5	89.7	92.4	97.5	93.0	97.5	99.0	97.1	90.3	86.1	87.6	87.3	NA

U.S. SUID Death Rate Per 100,000 Live Births



Rate: number of deaths per 100,000 live births

*From 2002-2013, cause of death is determined using the following ICD-10 codes: Sudden Infant Death Syndrome SIDS (R95), unknown cause (R99), and ASSB (W75).

U.S. source: CDC Wonder (July 2015). NA: Not available.

Idaho and U.S. Resident Infant Deaths
2002-2014

Rate of Sudden Unexpected Infant Deaths (SUID)*

IDAHO	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Sudden Infant Death Syndrome (SIDS)	62.0	87.2	84.3	52.0	99.2	91.9	83.5	67.4	90.5	71.7	43.6	67.1	61.2
Unknown cause	14.3	36.7	13.3	26.0	24.8	-	4.0	8.4	4.3	17.9	21.8	22.4	26.2
Accidental Suffocation and Strangulation in Bed (ASSB)	9.5	-	-	13.0	-	20.0	15.9	-	8.6	22.4	8.7	13.4	17.5
Total Sudden Unexpected Infant Death	85.8	123.9	97.7	91.1	124.0	111.9	103.4	75.9	103.4	112.1	74.1	102.9	104.9

U.S.	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Sudden Infant Death Syndrome (SIDS)	57.1	52.9	54.6	53.9	54.5	56.8	55.4	53.9	51.6	48.3	42.5	39.7	NA
Unknown cause	26.9	26.6	25.3	31.2	24.8	25.1	26.3	27.1	23.0	22.0	26.8	26.8	NA
Accidental Suffocation and Strangulation in Bed (ASSB)	10.6	10.2	12.5	12.4	13.8	15.5	17.3	16.1	15.7	15.8	18.3	20.8	NA
Total Sudden Unexpected Infant Death	94.5	89.7	92.4	97.5	93.0	97.5	99.0	97.1	90.3	86.1	87.6	87.3	NA

NA: Not available.

Rate: number of deaths per 100,000 live births

*From 2002-2014, cause of death is determined using the following ICD-10 codes: Sudden Infant Death Syndrome SIDS (R95), unknown cause (R99), and ASSB (W75).

Idaho source: Bureau of Vital Records and Health Statistics; Division of Public Health (July 2015). U.S. source: CDC Wonder (July 2015).