

**Infant Deaths, Live Births and Infant Death Rates
Michigan Residents, 1989-2017**

Single Year

Year	Infant Deaths	Live Births	Infant Death Rate
2017	762	111,507	6.8 ±0.5
2016	747	113,374	6.6 ±0.5
2015	770	113,211	6.8 ±0.5
2014	773	114,460	6.8 ±0.5
2013	799	113,732	7.0 ±0.5
2012	783	112,708	6.9 ±0.5
2011	749	114,159	6.6 ±0.5
2010	817	114,717	7.1 ±0.5
2009	881	117,309	7.5 ±0.5
2008	894	121,231	7.4 ±0.5
2007	997	125,172	8.0 ±0.5
2006	940	127,537	7.4 ±0.5
2005	1,013	127,518	7.9 ±0.5
2004	984	129,710	7.6 ±0.5
2003	1,112	130,850	8.5 ±0.5
2002	1,054	129,518	8.1 ±0.5
2001	1,066	133,247	8.0 ±0.5
2000	1,112	136,048	8.2 ±0.5
1999	1,071	133,429	8.0 ±0.5
1998	1,091	133,649	8.2 ±0.5
1997	1,085	133,549	8.1 ±0.5
1996	1,072	133,231	8.0 ±0.5
1995	1,110	134,169	8.3 ±0.5
1994	1,184	137,844	8.6 ±0.5
1993	1,319	139,560	9.5 ±0.5
1992	1,460	143,827	10.2 ±0.5
1991	1,554	149,478	10.4 ±0.5
1990	1,638	153,080	10.7 ±0.5
1989	1,645	148,164	11.1 ±0.5

Three-Year Moving Averages

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Years	Average Number of Infant Deaths	Average Number of Live Births	Average Infant Death Rate
2015-2017	759.7	112,697.3	6.7 ±0.3
2014-2016	763.3	113,681.7	6.7 ±0.3
2013-2015	780.7	113,801.0	6.9 ±0.3
2012-2014	785.0	113,633.3	6.9 ±0.3
2011-2013	777.0	113,533.0	6.8 ±0.3
2010-2012	783.0	113,861.3	6.9 ±0.3
2009-2011	815.7	115,395.0	7.1 ±0.3
2008-2010	864.0	117,752.3	7.3 ±0.3
2007-2009	924.0	121,237.3	7.6 ±0.3
2006-2008	943.7	124,646.7	7.6 ±0.3
2005-2007	983.3	126,742.3	7.8 ±0.3
2004-2006	979.0	128,255.0	7.6 ±0.3
2003-2005	1,036.3	129,359.3	8.0 ±0.3
2002-2004	1,050.0	130,026.0	8.1 ±0.3
2001-2003	1,077.3	131,205.0	8.2 ±0.3
2000-2002	1,077.3	132,937.7	8.1 ±0.3
1999-2001	1,083.0	134,241.3	8.1 ±0.3
1998-2000	1,091.3	134,375.3	8.1 ±0.3
1997-1999	1,082.3	133,542.3	8.1 ±0.3
1996-1998	1,082.7	133,476.3	8.1 ±0.3
1995-1997	1,089.0	133,649.7	8.1 ±0.3
1994-1996	1,122.0	135,081.3	8.3 ±0.3
1993-1995	1,204.3	137,191.0	8.8 ±0.3
1992-1994	1,321.0	140,410.3	9.4 ±0.3
1991-1993	1,444.3	144,288.3	10.0 ±0.3
1990-1992	1,550.7	148,795.0	10.4 ±0.3
1989-1991	1,612.3	150,240.7	10.7 ±0.3

Five-Year Moving Averages

Years	Average Number of Infant Deaths	Average Number of Live Births	Average Infant Death Rate
2013-2017	770.2	113,256.8	6.8 ±0.2
2012-2016	774.4	113,497.0	6.8 ±0.2

2011-2015	774.8	113,654.0	6.8 ±0.2
2010-2014	784.2	113,955.2	6.9 ±0.2
2009-2013	805.8	114,525.0	7.0 ±0.2
2008-2012	824.8	116,024.8	7.1 ±0.2
2007-2011	867.6	118,517.6	7.3 ±0.2
2006-2010	905.8	121,193.2	7.5 ±0.2
2005-2009	945.0	123,753.4	7.6 ±0.2
2004-2008	965.6	126,233.6	7.6 ±0.2
2003-2007	1,009.2	128,157.4	7.9 ±0.2
2002-2006	1,020.6	129,026.6	7.9 ±0.2
2001-2005	1,045.8	130,168.6	8.0 ±0.2
2000-2004	1,065.6	131,874.6	8.1 ±0.2
1999-2003	1,083.0	132,618.4	8.2 ±0.2
1998-2002	1,078.8	133,178.2	8.1 ±0.2
1997-2001	1,085.0	133,984.4	8.1 ±0.2
1996-2000	1,086.2	133,981.2	8.1 ±0.2
1995-1999	1,085.8	133,605.4	8.1 ±0.2
1994-1998	1,108.4	134,488.4	8.2 ±0.2
1993-1997	1,154.0	135,670.6	8.5 ±0.2
1992-1996	1,229.0	137,726.2	8.9 ±0.2
1991-1995	1,325.4	140,975.6	9.4 ±0.2
1990-1994	1,431.0	144,757.8	9.9 ±0.2
1989-1993	1,523.2	146,821.8	10.4 ±0.2

Notes:

Infant Deaths: Deaths occurring to individuals less than 1 year of age.

Infant Death Rates: The infant death rate is the number of resident infant deaths divided by total resident live births X 1,000. Adding and subtracting the number shown after the ± symbol from the rate creates a confidence interval indicating that the true rate lies between the lower and upper bounds of this interval with 95 % statistical confidence. The true rate lies between the lower and upper bounds of the interval with 95% statistical confidence. If the confidence interval is large for a single year comparison, it is suggested that you use the three year and five year moving average rates.

★: A rate is not calculated when there are fewer than 6 events, because the width of the confidence interval would negate any usefulness for comparative purposes.

—: A dash indicates that there were either no births or no infant deaths from this category.

Source: 1989-1999 Michigan Death Certificate Registries;2000-2017 Geocoded Michigan Death Certificate Registries.,
1989-1999 Michigan Birth Certificate Registries;2000-2017 Geocoded Michigan Birth Certificate Registries.,
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