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# MICHIGAN DEPARTMENT OF COMMUNITY HEALTH

Division for Vital Records and Health Statistics

## INDUCED ABORTIONS IN MICHIGAN

January 1 through December 31, 2011

*Michigan Department  
of Community Health*



Rick Snyder, Governor  
Olga Dazzo, Director

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## Characteristics of Induced Abortions Reported in Michigan

A total of 23,366 induced abortions were reported in Michigan in 2011, which was a 0.25 percent increase from the total of 23,307 reported in 2010 but a 52.4 percent decrease since 1987 (the year with the largest number of induced abortions). (See Table B-1.)

Michigan residents received 97.7 percent of the induced abortions that occurred in Michigan in 2011. This proportion is similar to that which was observed in previous years.

In 2011, about half of the resident women receiving abortions had no previous induced abortions. In general, from 1985 through 2011, a gradual increase has been observed with the proportion of women reporting two or more induced abortions, going from 14.6 percent in 1985 to 24.1 percent in 2011. The proportion of women who had no previous induced abortion has been generally declining, falling from 59.5 percent in 1985 to 49.7 percent in 2011.

The majority of Michigan residents receiving induced abortions (51.1 percent) were under 25 years of age, while 15.7 percent were less than 20 years old. These are much smaller proportions than the 64.6 and 30.6 percent observed, respectively, in 1985. (See Table B-2.)

In 2011, 89.6 percent of the Michigan women who obtained an induced abortion were not married, a 8.7% increase from the 82.4 percent reported in 1985. (See Table E.)

Other than self-referral, which was reported for 86 percent of all induced abortions in 2011, the most frequent source of referral for induced abortion services was a family member or a friend (8.8 percent) and a physician (2.9 percent). (See Table 6.)

About sixty two percent of the resident women obtaining induced abortions in 2011 had a previous term pregnancy. Of the women who had a previous term pregnancy, over one-half in 2011 had at least two or more term pregnancies. (See Table 7.)

Among all induced abortions reported in 2011 in Michigan (including both residents and non-residents), most involved pregnancies of 12 weeks or less (87.5 percent) and suction was the most frequent procedure at 81.0 percent. (See Table 10.)

Abortions performed in physicians' private offices represented 75.4 percent of all reported induced abortions in 2011; those performed in freestanding outpatient surgical facilities comprised 23.6 percent, with the remainder occurring in hospitals. (See Table 11.)

Most abortion reports indicate no immediate complications. In 2011 immediate complications were reported in 5 cases and in 24 cases between 2008-2011. The average three-year rate between 2008-2011 was less than three complications per 10,000 induced abortions performed. (See Table 13.)

In 2011, self-pay was indicated as the source of payment for most induced abortions (96.2%). (See Table 23.)

In 2011, ultrasound was the most common method reported for confirming the pregnancy (86.8%). (See Table 24.)

Information on complications subsequent to an abortion was collected for the first time in 2001. This information is required to be reported on a separate reporting form by any physician who provided care to a woman suffering from a physical complication that was the result of an abortion occurring within seven days of the abortion. Ten reports of subsequent complications were submitted in 2011. (See Table 25.)

Information on the race of the woman obtaining an induced abortion was collected for the first time in 2003. Of the Michigan residents receiving abortions in 2011, 45.2 percent were white, 47.0 percent were black and 1.8 percent were Asian/Pacific Islander. A little over three percent were American Indian, Multi-Racial or of some other race. (See Table 17.)

## Technical Notes

The state of Michigan has established a mandatory reporting system for induced abortions ([MCL 333.2835](#)). According to this law, abortion reports are not allowed to contain any common identifiers that would make it possible to identify, in any manner or under any circumstances, an individual who obtained or seeks to obtain an abortion. Abortion reports are prepared and submitted to the Department of Community Health by the physician who performs the abortion. The reports are not legal records; they are used only to produce statistical data for health and medical purposes. The department is specifically mandated to prepare aggregated statistics of individual abortion reports on an annual basis.

The tables in this report are based on induced abortion reports for 2011 that were received by the Department of Community Health on or before January 31, 2011. Definitions of the terms used are given in the footnotes of the individual tables, where necessary.

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**Table A**  
**Number, Ratio and Rate**  
**of Reported Induced Abortions**  
**Occurring in Michigan, 1980 - 2011**

Year	Induced Abortions	Ratio	Rate
1980	45,455	313.1	20.7
1981	45,787	325.7	21.0
1982	43,512	315.4	20.0
1983	40,528	304.7	18.8
1984	42,062	309.8	19.4
1985	42,678	309.1	19.5
1986	41,710	303.1	18.8
1987	49,098	349.5	22.0
1988	46,747	334.8	21.0
1989	36,557	246.7	16.5
1990	36,183	236.4	16.3
1991	34,555	231.2	15.5
1992	34,496	239.8	15.5
1993	35,737	256.1	16.1
1994	33,061	239.8	14.9
1995	31,091	231.7	14.0
1996	30,208	226.7	13.6
1997	29,528	221.1	13.3
1998	28,107	210.6	12.7
1999	26,207	196.6	11.9
2000	26,807	197.1	12.4
2001	28,220	223.8	13.1
2002	29,231	228.5	13.7
2003	29,540	226.8	14.4
2004	26,269	205.0	12.8
2005	25,209	199.3	12.0
2006	25,636	203.1	12.4
2007	24,683	200.1	12.1
2008	25,970	215.9	13.0
2009	22,357	190.6	11.4
2010	23,307	203.2	12.1
2011	23,366	206.4	12.3

**Note:** The ratio is the number of reported induced abortions occurring in Michigan per 1,000 Michigan live births. The rate is the number of reported induced abortions occurring in Michigan per 1,000 Michigan women aged 15-44. Ratio for 2011 is based upon 114,159 resident live births.

**Source:** 1980 - 2011 Files of Induced Abortions Occurring in Michigan and 1980 - 2011 Michigan Resident Live Birth Files. Division for Vital Records & Health Statistics, Michigan Department of Community Health.  
 2000-2009 Population Estimates (latest update 9/2009), National Center for Health Statistics, [U.S. Census Populations With Bridged Race Categories](#). 2010 [U.S. Census Bureau](#).

**Table B-1  
Characteristics of Reported Induced Abortions  
Michigan Occurrences, 1985 - 2011**

Characteristics of Occurrences	1985	1990	1995	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
<b>All Reported Occurrences</b>	42,678	36,183	31,091	28,107	26,207	26,807	28,220	29,231	29,540	26,269	25,209	25,636	24,683	25,970	22,357	23,307	23,366
<b>Age of Woman:</b>																	
Under 18	n.a.	3,820	2,798	2,080	1,849	1,860	1,889	1,937	2,008	1,770	1,732	1,732	1,681	1,806	1,469	1,410	1,179
Percent of All Occurrences	n.a.	10.6	9.0	7.4	7.1	6.9	6.7	6.6	6.8	6.7	6.9	6.8	6.8	7.0	6.6	6.0	5.0
<b>Weeks of Gestation:</b>																	
12 Weeks or Less	35,631	31,729	26,177	25,162	22,998	23,263	25,123	26,111	26,530	23,450	22,509	23,139	22,230	22,682	19,752	20,487	20,445
Percent of All Occurrences	83.5	87.7	84.2	89.5	87.8	86.8	89.0	89.3	89.8	89.3	89.3	90.3	90.1	87.3	88.3	87.9	87.5
<b>Principal Procedure Used:</b>																	
Suction Curettage	40,974	35,912	30,507	23,296	21,303	22,683	23,606	24,151	24,066	20,894	20,090	20,903	20,536	22,054	18,514	19,012	18,916
Percent of All Occurrences	96.0	99.3	98.1	82.9	81.3	84.6	83.6	82.6	81.5	79.5	79.7	81.5	83.2	84.9	82.8	81.6	81.0
<b>Facility Type:</b>																	
Freestanding or Hospital	13,830	15,469	10,494	8,521	7,133	6,066	4,873	4,644	5,064	5,615	6,936	6,778	6,002	5,428	4,775	4,617	5,521
Percent of All Occurrences	32.4	42.8	33.8	30.3	27.2	22.6	17.3	15.9	17.1	21.4	27.5	26.4	24.3	20.9	21.4	19.8	23.6
Physician's Private Office	20,757	20,056	20,337	18,991	18,772	20,384	22,991	24,441	24,359	20,298	18,127	18,745	18,597	20,458	17,498	18,648	17,617
Percent of All Occurrences	48.6	55.4	65.4	67.6	71.6	76.0	81.5	83.6	82.5	77.3	71.9	73.1	75.3	78.8	78.3	80.0	75.4
<b>Immediate Complications:</b>																	
Presence of Immediate Complication(s)	112	34	9	24	24	26	16	18	10	13	5	5	5	9	6	5	5
Ratio per 1,000 Occurrences	2.6	0.9	0.3	0.9	0.9	1.0	0.6	0.6	0.3	0.5	*	*	*	0.3	0.3	*	*
<b>Subsequent Complications:</b>																	
Presence of Subsequent Complication(s)	n.a.	n.a.	n.a.	n.a.	n.a.	7	7	4	14	12	9	12	16	14	7	10	10
Ratio per 1,000 Occurrences	n.a.	n.a.	n.a.	n.a.	n.a.	0.3	0.2	*	0.5	0.5	0.4	0.5	0.6	0.5	0.3	*	0.4

**Note:** Subsequent complications are those complications that are not evident and reported in conjunction with the abortion but are reported within 7 days of initially providing care for a condition that is known to have been caused by an abortion. "n.a." indicates data not available.

\* Ratio does not meet standards of precision or reliability.

**Source:** 1985 - 2011 Files of Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table B-2  
Characteristics of Reported Induced Abortions  
in Michigan, 1985 - 2011**

<b>Reported Abortions</b>	<b>1985</b>	<b>1990</b>	<b>1995</b>	<b>2000</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
All Reported Occurrences	42,678	36,183	31,091	26,807	29,231	29,540	26,269	25,209	25,636	24,683	25,970	22,357	23,307	23,366
All Reported Abortions to Residents	41,400	34,655	29,751	26,027	28,229	28,584	25,512	24,496	24,905	24,006	25,164	21,804	22,754	22,826
Percent of All Occurrences	97.0	95.8	95.7	97.1	96.6	96.8	97.1	97.2	97.1	97.3	96.9	97.5	97.6	97.7
Reported Abortion Ratio	302.6	226.4	221.7	191.3	220.7	219.5	199.1	193.8	197.3	194.8	208.7	188.3	198.3	199.9
<b>Selected Characteristics of Michigan Residents</b>														
<b>Age of Woman</b>														
Under 20 Years	12,666	8,754	6,393	4,992	4,932	5,033	4,642	4,575	4,582	4,437	4,777	4,105	3,964	3,595
Percent	30.6	24.2	21.5	19.2	17.5	17.6	18.2	18.7	18.4	18.5	19.0	18.8	17.4	15.7
20 - 24 Years	14,070	11,421	9,901	8,305	9,409	9,379	8,098	7,986	8,044	7,820	8,224	7,274	7,618	8,084
Percent	34.0	31.6	33.3	31.9	33.3	32.8	31.7	32.6	32.3	32.6	32.7	33.4	33.5	35.4
25 - 29 Years	8,049	7,234	6,429	6,098	6,463	6,574	5,823	5,520	5,719	5,522	5,729	4,950	5,157	5,276
Percent	19.4	20.0	21.6	23.4	22.9	23.0	22.8	22.5	23.0	23.0	22.8	22.7	22.7	23.1
30 Years +	6,511	7,190	6,967	6,484	7,306	7,456	6,855	6,396	6,543	6,218	6,429	5,465	6,003	6,003
Percent	15.7	19.9	23.4	24.9	25.9	26.1	26.9	26.1	26.3	25.9	25.5	25.1	26.4	26.3
<b>Marital Status</b>														
Not Married	34,119	28,119	24,895	21,793	23,911	24,169	21,789	21,165	21,620	21,162	22,395	19,500	20,324	20,460
Percent	82.4	81.1	83.7	83.7	84.7	84.6	85.4	86.4	86.8	88.2	89.0	89.4	89.3	89.6
<b>Had Previous Term Pregnancy</b>														
19,804	17,842	16,523	15,501	17,857	17,662	15,388	14,575	14,841	14,280	15,360	13,064	13,693	14,062	
Percent	47.8	51.5	55.5	59.6	63.3	61.8	60.3	59.5	59.6	59.5	61.0	59.9	60.2	61.6
<b>Previous Induced Abortion</b>														
None	24,650	19,180	15,392	13,354	14,275	14,703	13,266	12,494	12,777	12,491	13,080	11,233	11,311	11,351
Percent	59.5	55.3	51.7	51.3	50.6	51.4	52.0	51.0	51.3	52.0	52.0	51.5	49.7	49.7
Two or More	6,033	5,765	6,062	5,845	6,601	6,515	5,695	5,599	5,622	5,399	5,678	4,919	5,508	5,491
Percent	14.6	16.6	20.4	22.5	23.4	22.8	22.3	22.9	22.6	22.5	22.6	22.6	24.2	24.1

**Note:** Term pregnancies are those which lasted 37 weeks or longer, regardless of the outcome. Abortion ratio is per 1,000 live births.

**Source:** 1985 - 2011 Files of Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table C**  
**Number, Ratio and Rate of Reported Induced Abortions**  
**United States, 1980 - 2008**

Year	Induced Abortions	Ratio	Rate
1980	1,297,606	359	25
1985	1,328,570	353	24
1990	1,429,247	344	24
1991	1,388,937	338	24
1992	1,359,146	334	23
1993	1,330,414	333	23
1994	1,267,415	321	21
1995	1,210,883	311	20
1996	1,225,937	315	21
1997	1,186,039	306	20
1998	884,273	264	17
1999	861,789	256	17
2000	857,475	245	16
2001	853,485	246	16
2002	854,122	246	16
2003	848,163	241	16
2004	839,226	238	16
2005	820,151	233	15
2006	852,385	233	16
2007	827,609	231	16
2008	825,564	234	16

**Note:** The ratio is the number of reported induced abortions per 1,000 live births. The rate is the number of reported induced abortions per 1,000 women aged 15-44 years.

The number of abortions excludes states that did not report abortion numbers to the CDC: Alaska (1999--2002), California (1999--2008), Louisiana (2005), Maryland (2007--2008), New Hampshire (1999--2008), Oklahoma (1999), and West Virginia (2003--2004).

**Source:** [Morbidity and Mortality Weekly Report](#), November 25, 2011. Vol. 60 / No. SS 01. National Center For Health Statistics.

**Table D**  
**Number of Reported Induced Abortions by Age of Woman**  
**Michigan Residents, 1980-2011**

Year	Age of Woman								
	All Ages	Under 20 Years		20 - 24 Years		25 - 29 Years		30 Years or Older	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
1980	43,964	13,822	31.4	15,779	35.9	8,354	19.0	5,859	13.3
1981	44,031	13,506	30.7	15,516	35.2	8,520	19.4	6,401	14.5
1982	41,866	12,863	30.7	14,686	35.1	8,135	19.4	6,086	14.5
1983	38,949	12,356	31.7	13,396	34.4	7,541	19.4	5,557	14.3
1984	40,747	12,513	30.7	14,056	34.5	7,971	19.6	6,096	15.0
1985	41,400	12,666	30.6	14,070	34.0	8,049	19.4	6,511	15.7
1986	40,441	12,041	29.8	13,703	33.9	7,922	19.6	6,702	16.6
1987	47,814	13,624	28.5	16,093	33.7	9,756	20.4	8,242	17.2
1988	45,438	12,900	28.4	14,895	32.8	9,391	20.7	8,158	18.0
1989	35,138	9,625	27.4	11,122	31.7	7,283	20.7	7,044	20.0
1990	34,655	8,754	25.3	11,421	33.0	7,234	20.9	7,190	20.7
1991	33,119	7,750	23.4	11,575	34.9	6,746	20.4	6,995	21.1
1992	33,160	7,464	22.5	11,758	35.5	6,789	20.5	7,110	21.4
1993	34,329	7,203	21.0	12,309	35.9	7,121	20.7	7,636	22.2
1994	31,798	6,852	21.5	11,132	35.0	6,644	20.9	7,088	22.3
1995	29,751	6,393	21.5	9,901	33.3	6,429	21.6	6,967	23.4
1996	28,913	6,150	21.3	9,313	32.2	6,601	22.8	6,821	23.6
1997	28,386	5,807	20.5	9,023	31.8	6,669	23.5	6,840	24.1
1998	27,085	5,409	20.0	8,616	31.8	6,505	24.0	6,555	24.2
1999	25,388	4,855	19.1	8,128	32.0	6,045	23.8	6,360	25.1
2000	26,027	4,992	19.2	8,305	31.9	6,098	23.4	6,484	24.9
2001	27,208	5,033	18.5	9,064	33.3	6,201	22.8	6,760	24.8
2002	28,229	4,932	17.5	9,409	33.3	6,463	22.9	7,306	25.9
2003	28,584	5,033	17.6	9,379	32.8	6,574	23.0	7,456	26.1
2004	25,512	4,642	18.2	8,098	31.7	5,823	22.8	6,855	26.9
2005	24,496	4,575	18.7	7,986	32.6	5,520	22.5	6,396	26.1
2006	24,905	4,582	18.4	8,044	32.3	5,719	23.0	6,543	26.3
2007	24,006	4,437	18.5	7,820	32.6	5,522	23.0	6,218	25.9
2008	25,164	4,777	19.0	8,224	32.7	5,729	22.8	6,429	25.5
2009	21,804	4,105	18.8	7,274	33.4	4,950	22.7	5,465	25.1
2010	22,754	3,964	17.4	7,618	33.5	5,157	22.7	6,003	26.4
2011	22,826	3,595	15.7	8,084	35.4	5,276	23.1	5,828	25.5

**Note:** Reports with unknown age of woman are included in the 'All Ages' column only.

**Source:** 1980-2011 Files of Michigan Resident Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table E**  
**Number of Reported Abortions by Selected Characteristics**  
**Michigan Residents, 1980-2011**

Year	Total	Marital Status: Not Married		Had a Previous Term Pregnancy		Previous Induced Abortion			
						None		Two or More	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
1980	43,964	34,481	78.4	20,040	45.6	29,104	66.2	4,194	9.5
1981	44,031	35,095	79.7	20,497	46.6	28,424	64.6	4,814	10.9
1982	41,866	33,927	81.0	19,655	46.9	27,079	64.7	4,916	11.7
1983	38,949	32,245	82.8	18,075	46.4	23,650	60.7	5,375	13.8
1984	40,747	33,563	82.4	19,100	46.9	24,162	59.3	5,765	14.1
1985	41,400	34,119	82.4	19,804	47.8	24,650	59.5	6,033	14.6
1986	40,441	33,438	82.7	19,742	48.8	23,985	59.3	5,953	14.7
1987	47,814	39,421	82.4	23,876	49.9	27,294	57.1	7,518	15.7
1988	45,438	37,432	82.4	23,677	52.1	25,504	56.1	7,423	16.3
1989	35,138	28,334	80.6	17,475	49.7	19,553	55.6	5,750	16.4
1990	34,655	28,119	81.1	17,842	51.5	19,180	55.3	5,765	16.6
1991	33,119	27,103	81.8	17,771	53.7	17,678	53.4	5,873	17.7
1992	33,160	27,450	82.8	17,478	52.7	18,383	55.4	5,744	17.3
1993	34,329	28,655	83.5	19,355	56.4	17,659	51.4	6,710	19.5
1994	31,798	26,890	84.6	17,709	55.7	16,717	52.6	6,470	20.3
1995	29,751	24,895	83.7	16,523	55.5	15,392	51.7	6,062	20.4
1996	28,913	23,969	82.9	16,437	56.8	14,960	51.7	6,100	21.1
1997	28,386	23,546	82.9	16,190	57.0	14,033	49.4	6,395	22.5
1998	27,085	22,382	82.6	15,977	59.0	14,510	53.6	5,494	20.3
1999	25,388	21,335	84.0	14,446	56.9	13,755	54.2	5,186	20.4
2000	26,027	21,793	83.7	15,501	59.6	13,354	51.3	5,845	22.5
2001	27,208	22,918	84.2	16,745	61.5	14,248	52.4	5,746	21.1
2002	28,229	23,911	84.7	17,857	63.3	14,275	50.6	6,601	23.4
2003	28,584	24,169	84.6	17,662	61.8	14,703	51.4	6,515	22.8
2004	25,512	21,789	85.4	15,388	60.3	13,266	52.0	5,695	22.3
2005	24,496	21,165	86.4	14,574	59.5	12,494	51.0	5,599	22.9
2006	24,905	21,620	86.8	14,841	59.6	12,777	51.3	5,622	22.6
2007	24,006	21,162	88.2	14,280	59.5	12,491	52.0	5,399	22.5
2008	25,164	22,395	89.0	15,360	61.0	13,080	52.0	5,678	22.6
2009	21,804	19,500	89.4	13,064	59.9	11,233	51.5	4,919	22.6
2010	22,754	20,324	89.3	13,693	60.2	11,311	49.7	5,508	24.2
2011	22,826	20,460	89.6	14,062	61.6	11,351	49.7	5,491	24.1

**Note:** Term pregnancies are those which lasted 37 weeks or longer, regardless of the outcome.

**Source:** 1980-2011 Files of Michigan Resident Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table F**  
**Number, Ratio and Rate of**  
**Reported Induced Abortions**  
**Michigan Residents, 1980 - 2011**

Year	Induced Abortions	Ratio	Rate
1980	43,964	302.9	20.1
1981	44,031	313.2	20.1
1982	41,866	303.5	19.3
1983	38,949	292.8	18.0
1984	40,747	300.1	18.8
1985	41,400	299.9	18.9
1986	40,441	293.8	18.3
1987	47,814	340.4	21.4
1988	45,438	325.4	20.4
1989	35,138	237.2	15.9
1990	34,655	226.4	15.6
1991	33,119	221.6	14.8
1992	33,160	230.6	14.9
1993	34,329	246.0	15.5
1994	31,798	230.7	14.4
1995	29,751	221.7	13.4
1996	28,913	217.0	13.0
1997	28,386	212.6	12.8
1998	27,085	202.7	12.3
1999	25,388	190.5	11.6
2000	26,027	191.3	12.1
2001	27,208	215.7	12.6
2002	28,229	220.7	13.2
2003	28,584	219.5	13.4
2004	25,512	199.1	12.4
2005	24,496	193.8	11.7
2006	24,905	197.3	12.1
2007	24,006	194.6	11.8
2008	25,164	208.7	12.6
2009	21,804	185.9	11.1
2010	22,754	198.3	11.9
2011	22,826	199.9	12.0

**Note:** The ratio is the number of reported induced abortions to Michigan residents per 1,000 Michigan live births. Ratio for 2011 is based upon 114,159 resident live births. The rate is the number of reported induced abortions to Michigan Residents per 1,000 Michigan women aged 15-44.

**Source:** 1985 - 2011 Michigan Resident Abortion Files and 1985 - 2010 Michigan Resident Live Birth Files. Division for Vital Records & Health Statistics, Michigan Department of Community Health.  
 2000-2009 Population Estimates (latest update 9/2009), National Center for Health Statistics, [U.S. Census Populations With Bridged Race Categories](#). 2010 [U.S. Census Bureau](#).

**Table G-1  
Abortion Numbers by County of Residence,  
State of Michigan, Michigan Counties and Detroit City, 2001 - 2011**

County	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
<b>Michigan</b>	27,208	28,229	28,584	25,512	24,496	24,905	24,006	25,164	21,804	22,754	22,826
<b>Alcona</b>	5	9	3	8	8	6	10	7	10	7	5
<b>Alger</b>	7	8	3	5	7	3	7	3	2	3	-
<b>Allegan</b>	187	179	183	158	131	123	111	122	99	96	106
<b>Alpena</b>	27	29	32	23	29	24	30	19	25	29	20
<b>Antrim</b>	30	22	27	21	17	31	23	31	26	21	18
<b>Arenac</b>	24	22	28	25	25	25	18	19	11	25	16
<b>Baraga</b>	6	4	5	-	6	2	3	2	1	2	2
<b>Barry</b>	57	69	45	46	48	67	55	47	57	35	37
<b>Bay</b>	231	198	211	191	194	202	190	163	195	153	157
<b>Benzie</b>	9	19	16	12	20	25	11	19	14	14	17
<b>Berrien</b>	370	339	340	344	277	300	321	297	283	261	263
<b>Branch</b>	57	55	68	80	55	52	57	42	37	36	53
<b>Calhoun</b>	347	365	387	323	340	341	340	360	289	283	298
<b>Cass</b>	69	61	60	65	46	67	73	55	71	56	52
<b>Charlevoix</b>	47	40	44	30	38	23	28	23	25	15	28
<b>Cheboygan</b>	26	33	31	27	25	23	24	31	17	19	16
<b>Chippewa</b>	49	30	45	45	45	27	30	41	26	38	27
<b>Clare</b>	41	55	47	39	36	43	43	40	25	28	36
<b>Clinton</b>	71	64	83	71	79	89	72	80	86	63	33
<b>Crawford</b>	21	7	17	15	16	15	12	7	8	8	10
<b>Delta</b>	14	11	12	14	10	7	8	6	12	1	6
<b>Dickinson</b>	4	3	5	4	4	2	1	-	2	-	2
<b>Eaton</b>	188	185	218	140	198	192	242	190	181	181	105
<b>Emmet</b>	58	39	42	58	43	35	44	43	32	29	28
<b>Genesee</b>	2,108	1,808	1,911	1,759	1,600	1,566	1,407	1,355	1,520	1,394	1,320
<b>Gladwin</b>	37	26	36	40	35	32	25	33	27	18	14
<b>Gogebic</b>	-	5	-	-	3	1	-	-	-	-	-
<b>Grand Traverse</b>	176	170	150	159	140	138	148	148	129	132	132
<b>Gratiot</b>	55	59	52	57	54	54	46	53	42	35	32
<b>Hillsdale</b>	42	46	68	45	54	44	47	38	45	33	27
<b>Houghton</b>	17	17	16	19	8	14	9	7	5	3	2
<b>Huron</b>	36	30	30	36	32	28	28	25	24	26	29

**Table G-1  
Abortion Numbers by County of Residence,  
State of Michigan, Michigan Counties and Detroit City, 2001 - 2011**

<b>County</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
Ingham	1,153	1,101	1,145	696	971	1,093	1,010	926	854	771	558
Ionia	83	75	75	75	93	100	67	79	67	60	44
Iosco	39	35	30	40	33	29	20	25	23	17	28
Iron	4	6	5	2	-	3	1	-	-	-	-
Isabella	149	118	159	120	149	123	161	124	109	110	93
Jackson	321	326	380	320	328	333	293	340	305	287	260
Kalamazoo	889	930	911	857	844	844	778	826	746	710	714
Kalkaska	17	21	27	17	20	13	14	13	11	10	14
Kent	1,594	1,552	1,594	1,469	1,437	1,534	1,540	1,491	1,335	1,142	980
Keweenaw	1	1	2	1	-	-	2	-	1	1	-
Lake	13	10	17	12	9	8	11	14	9	7	4
Lapeer	175	127	155	112	127	118	97	92	102	118	86
Leelanau	23	23	20	17	27	25	17	21	27	18	16
Lenawee	148	135	134	132	127	114	113	142	84	107	97
Livingston	246	237	317	268	291	232	253	237	212	223	209
Luce	3	4	5	7	2	4	4	2	3	2	5
Mackinac	24	19	31	16	14	15	14	15	20	12	12
Macomb	1,730	1,964	2,061	1,841	1,833	2,111	2,068	2,017	1,651	1,818	1,991
Manistee	30	36	29	35	25	31	27	24	27	24	22
Marquette	58	54	64	73	62	75	39	37	30	19	24
Mason	47	33	42	32	30	29	40	34	25	18	35
Mecosta	76	56	68	66	70	56	53	52	49	53	49
Menominee	1	1	2	1	2	-	-	1	2	-	-
Midland	128	92	124	127	110	105	86	82	104	103	64
Missaukee	13	9	18	11	15	20	15	20	13	20	10
Monroe	243	262	227	207	186	181	157	168	124	187	184
Montcalm	102	78	92	102	78	85	68	82	86	63	42
Montmorency	15	14	6	10	12	9	12	6	6	7	7
Muskegon	477	452	446	503	478	423	338	255	220	156	166
Newaygo	68	52	67	62	49	51	40	32	38	33	24
Oakland	2,741	2,629	2,758	2,756	2,457	2,227	1,860	2,374	2,218	2,660	2,762
Oceana	28	28	33	31	26	21	29	23	23	8	15
Ogemaw	24	28	23	31	21	22	22	11	17	25	23
Ontonagon	3	4	-	2	2	-	-	-	-	-	-

**Table G-1  
Abortion Numbers by County of Residence,  
State of Michigan, Michigan Counties and Detroit City, 2001 - 2011**

County	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Osceola	26	31	35	18	28	20	23	31	20	19	20
Oscoda	10	7	10	3	6	6	7	13	12	6	1
Otsego	42	34	42	25	52	24	28	29	27	25	22
Ottawa	319	327	329	325	337	315	306	290	256	199	208
Presque Isle	16	11	8	11	9	6	6	11	10	10	13
Roscommon	29	39	42	25	27	29	28	30	23	36	23
Saginaw	677	628	660	694	583	551	599	562	565	475	490
St Clair	336	363	315	333	322	298	275	276	224	270	254
St Joseph	96	100	100	85	80	84	76	69	76	82	69
Sanilac	62	51	39	36	44	48	45	40	31	37	26
Schoolcraft	4	4	5	3	2	5	7	4	3	2	2
Shiawassee	120	115	132	109	100	107	110	101	99	78	80
Tuscola	90	82	78	81	66	76	79	65	56	77	46
Van Buren	173	187	162	143	156	138	138	135	129	133	108
Washtenaw	1,083	1,168	1,323	1,168	1,098	1,113	1,088	965	990	1,054	1,041
Wayne	8,984	10,494	9,963	8,486	7,990	8,404	8,420	9,618	7,368	8,383	8,961
Detroit	5,784	7,030	6,269	5,032	4,894	5,399	5,568	6,365	4,648	5,140	5,609
Wayne Excluding Detroit	3,200	3,464	3,694	3,454	3,096	3,005	2,852	3,253	2,720	3,243	3,352
Wexford	52	51	45	49	43	45	57	48	43	31	26

**Note:** - A dash indicates quantity zero. Unknown county of residence is included in Michigan's total only.

**Source:** 2001 - 2011 Michigan Abortion Files, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table G-2  
Abortion Rates by County of Residence,  
State of Michigan, Michigan Counties and Detroit City, 2001 - 2011**

<b>County</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
<b>Michigan</b>	12.6	13.2	13.5	12.1	11.7	11.9	11.8	12.7	11.2	11.9	12.0
<b>Alcona</b>	*	6.0	*	5.7	5.8	4.4	7.4	5.4	8.1	5.8	4.2
<b>Alger</b>	4.6	*	*	*	5.2	*	5.4	*	*	*	-
<b>Allegan</b>	8.3	8.0	8.2	7.1	6.0	5.7	5.2	5.8	4.8	4.7	5.3
<b>Alpena</b>	4.5	5.0	5.7	4.2	5.4	4.6	5.9	3.8	5.2	6.1	4.3
<b>Antrim</b>	7.4	5.5	6.7	5.2	4.4	8.1	6.2	8.6	7.4	6.1	5.4
<b>Arenac</b>	7.8	7.2	9.5	8.5	8.7	9.0	6.7	7.4	4.3	10.1	6.8
<b>Baraga</b>	4.3	*	*	-	4.4	*	*	*	*	*	*
<b>Barry</b>	4.9	6.0	3.9	4.1	4.3	6.1	5.0	4.4	5.5	3.5	3.7
<b>Bay</b>	10.5	9.1	9.9	9.1	9.4	10.0	9.6	8.3	3.0	8.0	8.3
<b>Benzie</b>	3.0	6.3	5.3	4.0	6.7	8.4	3.8	6.7	5.2	5.3	6.5
<b>Berrien</b>	11.4	10.6	10.8	13.2	9.1	10.0	10.9	10.2	9.9	9.2	9.4
<b>Branch</b>	6.2	6.0	7.6	9.2	6.4	6.2	7.0	5.3	4.9	4.8	7.2
<b>Calhoun</b>	12.1	12.8	13.7	11.5	12.2	12.5	12.6	13.6	11.1	11.0	11.7
<b>Cass</b>	7.0	6.3	6.3	6.8	4.9	7.2	7.9	6.0	8.0	6.3	6.0
<b>Charlevoix</b>	9.4	8.1	9.1	6.4	8.3	5.1	6.3	5.4	6.1	3.7	6.9
<b>Cheboygan</b>	5.4	7.0	6.6	5.9	5.5	5.2	5.6	7.4	4.2	4.8	4.1
<b>Chippewa</b>	6.9	4.3	6.5	6.5	6.5	4.0	4.5	6.3	4.0	6.0	4.2
<b>Clare</b>	7.3	9.7	8.3	7.0	6.6	7.9	8.0	7.7	4.9	5.6	7.2
<b>Clinton</b>	5.2	4.6	5.9	4.9	5.5	6.1	4.9	5.4	5.8	4.2	2.3
<b>Crawford</b>	8.3	2.8	6.9	6.2	6.7	6.4	5.3	3.1	3.7	3.8	4.8
<b>Delta</b>	1.9	1.5	1.7	2.0	1.5	1.1	1.2	1.0	2.0	*	1.0
<b>Dickinson</b>	*	*	*	*	*	*	*	-	*	-	*
<b>Eaton</b>	8.4	8.3	9.9	6.4	9.1	9.0	11.4	9.1	8.9	9.0	5.2
<b>Emmet</b>	9.2	6.3	6.8	9.4	7.1	5.9	7.6	7.5	5.7	5.2	5.1
<b>Genesee</b>	22.1	19.1	20.4	18.9	17.3	17.2	15.8	15.6	17.9	16.7	16.2
<b>Gladwin</b>	8.1	5.7	8	9.0	8.0	7.4	6.1	8.3	6.9	4.8	3.7
<b>Gogebic</b>	-	*	*	-	*	*	-	-	-	-	-
<b>Grand Traverse</b>	10.7	10.4	9.2	9.8	8.7	8.6	9.3	9.4	8.3	8.6	8.4
<b>Gratiot</b>	6.6	7.2	6.4	7.1	6.8	7.0	5.9	6.9	5.6	4.7	4.4
<b>Hillsdale</b>	4.5	4.9	7.3	4.9	5.9	4.9	5.3	4.4	5.3	3.9	3.3
<b>Houghton</b>	*	2.5	2.4	2.8	1.2	2.1	1.4	1.0	*	*	*
<b>Huron</b>	5.8	4.9	5.0	6.2	5.6	5.1	5.2	4.8	4.7	5.3	6.0

**Table G-2**  
**Abortion Rates by County of Residence,**  
**State of Michigan, Michigan Counties and Detroit City, 2001 - 2011**

<b>County</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
Ingham	15.8	15.0	15.6	9.4	13.1	15.0	14.2	13.3	12.4	11.3	8.1
Ionia	6.8	6.1	6.1	6.1	7.7	8.4	5.7	6.8	5.9	5.4	4.0
Iosco	8.9	8.3	7.4	10.0	8.4	7.6	5.4	6.9	6.5	4.9	8.4
Iron	*	3.2	*	*	-	*	*	-	-	-	-
Isabella	7.7	6.1	8.1	6.0	7.4	6.1	8.0	6.2	5.4	5.5	4.6
Jackson	10.2	10.4	12.1	10.3	10.6	10.9	9.7	11.5	10.5	10.0	9.2
Kalamazoo	15.5	16.2	15.8	15.0	14.7	14.9	14.0	15.1	13.6	13.0	12.9
Kalkaska	5.1	6.4	8.1	5.2	6.3	4.1	4.6	4.3	3.8	3.6	52.0
Kent	12.0	11.7	12.1	11.3	11.0	11.8	11.9	11.7	10.5	9.0	7.7
Keweenaw	*	*	*	*	-	-	*	-	*	*	-
Lake	7.0	5.6	9.6	6.8	5.2	4.8	6.7	8.7	5.8	4.6	2.6
Lapeer	9.4	6.9	8.5	6.2	7.1	6.7	5.7	5.6	6.4	7.6	5.6
Leelanau	6.3	6.4	5.6	4.9	8.1	7.7	5.4	7.0	9.2	6.3	5.9
Lenawee	7.4	6.7	6.8	6.7	6.5	5.9	5.9	7.6	4.6	6.0	5.5
Livingston	7.1	6.7	8.9	7.5	8.1	6.5	7.2	7.0	6.4	6.9	6.5
Luce	*	*	*	7.3	*	*	*	-	*	*	6.0
Mackinac	11.8	9.6	15.8	8.4	7.4	8.2	7.9	9.1	12.3	7.7	7.7
Macomb	10.1	11.4	12.0	10.8	10.7	12.5	12.3	12.1	10.0	11.1	12.3
Manistee	7.1	8.6	6.9	8.6	6.4	8.1	7.3	6.7	7.9	7.2	6.7
Marquette	4.1	3.9	4.6	5.3	4.5	5.5	2.9	2.7	2.2	1.4	1.8
Mason	8.9	6.3	8.1	6.3	6.0	5.8	8.3	7.1	5.3	3.9	7.6
Mecosta	8.4	6.1	7.4	7.1	7.5	6.0	5.8	5.7	5.4	5.9	5.4
Menominee	*	*	*	*	*	-	-	*	*	-	-
Midland	7.3	5.3	7.3	7.6	6.7	6.5	5.4	5.2	6.7	6.7	4.2
Missaukee	4.6	3.2	6.4	3.9	5.5	7.5	5.8	7.8	5.3	8.3	4.1
Monroe	7.8	8.4	7.3	6.8	6.1	5.9	5.2	5.7	4.3	6.6	6.6
Montcalm	8.3	6.3	7.5	8.3	6.4	7.0	5.7	7.0	7.5	5.6	3.8
Montmorency	9.5	9.1	4.0	6.9	8.4	6.6	9.1	4.7	4.9	5.8	5.9
Muskegon	13.6	12.9	12.8	14.6	13.9	12.4	10.1	7.7	6.8	4.8	5.2
Newaygo	7.1	5.4	7.1	6.6	5.3	5.6	4.4	3.6	4.5	4.0	2.9

**Table G-2**  
**Abortion Rates by County of Residence,**  
**State of Michigan, Michigan Counties and Detroit City, 2001 - 2011**

County	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Oakland	10.5	10.2	10.9	11.0	9.9	9.1	7.7	10.0	9.5	11.5	12.0
Oceana	5.4	5.3	6.3	6.0	5.1	4.2	6.0	4.9	5.1	1.8	3.5
Ogemaw	6.4	7.5	6.2	8.4	5.8	6.2	6.3	3.3	5.1	7.7	7.0
Ontonagon	*	*	-	*	*	-	-	-	-	-	-
Osceola	5.6	6.7	7.6	4.0	6.4	4.7	5.5	7.6	5.0	4.8	5.2
Oscoda	6.2	4.6	6.6	*	4.4	4.4	5.3	10.2	10.0	5.1	*
Otsego	8.8	7.1	8.8	5.3	11.0	5.2	6.2	6.7	6.4	6.0	5.4
Ottawa	5.7	5.8	5.8	5.7	5.9	5.6	5.4	5.1	4.6	3.6	3.7
Presque Isle	7.1	5.0	3.7	5.2	4.4	3.0	3.2	6.1	5.8	6.0	8.1
Roscommon	7.5	10.3	11.1	6.8	7.5	8.2	8.2	9.3	7.3	11.8	7.8
Saginaw	15.5	14.6	15.6	16.5	14.1	13.5	15.0	14.3	14.6	12.4	13.0
St Clair	9.7	10.5	9.2	9.9	9.6	9.1	8.6	8.8	7.5	9.2	8.9
St Joseph	7.6	8.1	8.1	7.0	6.7	7.1	6.5	6.0	6.8	7.5	6.4
Sanilac	7.2	6.0	4.7	4.4	5.4	5.9	5.7	5.2	4.2	5.1	3.7
Schoolcraft	*	*	*	*	*	*	5.3	*	*	*	*
Shiawassee	8.0	7.7	8.9	7.3	6.8	7.4	7.7	7.4	7.5	6.0	6.3
Tuscola	7.7	7.2	6.9	7.3	6.0	7.1	7.6	6.4	5.7	8.0	4.9
Van Buren	11.2	12.2	10.6	9.4	10.5	9.7	9.6	9.6	9.3	9.7	8.0
Washtenaw	12.5	13.3	14.8	13.0	12.3	12.6	12.4	11.4	11.9	13.0	12.5
Wayne	19.9	23.6	22.9	19.8	19.0	20.3	20.8	24.5	19.4	22.5	24.6
Detroit	27.5	34.4	31.7	26.2	26.2	29.8	31.9	38.1	29.0	33.2	37.3
Wayne Excluding Detroit	13.3	14.4	15.6	14.7	13.2	12.9	12.4	14.4	12.4	14.9	15.6
Wexford	8.5	8.3	7.3	8.0	7.0	7.4	9.5	8.1	7.5	5.5	4.6

**Note:** Rates are per 1,000 females ages 15-44.

- A dash indicates quantity zero.

\*Figure does not meet standards of reliability or precision.

**Source:** 2001 - 2011 Michigan Abortion Files, Division for Vital Records & Health Statistics, Michigan Department of Community Health.  
 2000-2009 Population Estimates (latest update 9/2009), National Center for Health Statistics, [U.S. Census Populations With Bridged Race Categories](#). 2010 [U.S. Census Bureau](#).

**Table 1**  
**Number of Reported Induced Abortions**  
**by County of Residence**  
**Michigan Residents, 2011**

County of Residence	Number	County of Residence (continued)	Number	County of Residence (continued)	Number
<b>MICHIGAN</b>	<b>22,826</b>				
Alcona	5	Gratiot	32	Missaukee	10
Alger	-	Hillsdale	27	Monroe	184
Allegan	106	Houghton	2	Montcalm	42
Alpena	20	Huron	29	Montmorency	7
Antrim	18	Ingham	558	Muskegon	166
Arenac	16	Ionia	44	Newaygo	24
Baraga	2	Iosco	28	Oakland	2,762
Barry	37	Iron	-	Oceana	15
Bay	157	Isabella	93	Ogemaw	23
Benzie	17	Jackson	260	Ontonagon	-
Berrien	263	Kalamazoo	714	Osceola	20
Branch	53	Kalkaska	14	Oscoda	1
Calhoun	298	Kent	980	Otsego	22
Cass	52	Keweenaw	-	Ottawa	208
Charlevoix	28	Lake	4	Presque Isle	13
Cheboygan	16	Lapeer	86	Roscommon	23
Chippewa	27	Leelanau	16	Saginaw	490
Clare	36	Lenawee	97	Saint Clair	254
Clinton	33	Livingston	209	Saint Joseph	69
Crawford	10	Luce	5	Sanilac	26
Delta	6	Mackinac	12	Schoolcraft	2
Dickinson	2	Macomb	1,991	Shiawassee	80
Eaton	105	Manistee	22	Tuscola	46
Emmet	28	Marquette	24	Van Buren	108
Genesee	1,320	Mason	35	Washtenaw	1,041
Gladwin	14	Mecosta	49	Wayne	8,961
Gogebic	-	Menominee	-	Wexford	26
Gd Traverse	132	Midland	64		

**Note:** Reports with unknown county of residence are included in the 'Michigan' total only.

**Source:** 2011 File of Michigan Resident Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 2**  
**Number of Reported Induced Abortions**  
**by County of Residence and Age of Woman**  
**Michigan Residents, 2011**

County of Residence	Total	Age of Woman					
		< 20	20-24	25-29	30-34	35-39	40+
<b>Michigan</b>	<b>22,826</b>	<b>3,595</b>	<b>8,084</b>	<b>5,276</b>	<b>3,285</b>	<b>1,855</b>	<b>688</b>
Alcona	5	[.....(4).....]			[.....(1).....]		
Allegan	106	18	37	30	13	7	1
Alpena	20	-	9	[.....(11).....]			
Antrim	18	3	8	3	[.....(3).....]		
Arenac	16	4	4	[.....(5).....]		[.....(3).....]	
Baraga	2	[.....(2).....]					
Barry	37	7	15	7	[.....(8).....]		
Bay	157	19	57	34	31	9	5
Benzie	17	4	4	[.....(6).....]		[.....(3).....]	
Berrien	263	58	75	64	39	18	9
Branch	53	9	21	15	5	[.....(3).....]	
Calhoun	298	48	125	79	25	16	5
Cass	52	12	13	15	9	[.....(3).....]	
Charlevoix	28	6	9	3	5	[.....(5).....]	
Cheboygan	16	-	5	4	4	[.....(3).....]	
Chippewa	27	4	9	9	[.....(5).....]		-
Clare	36	4	15	7	5	[.....(5).....]	
Clinton	33	6	14	8	4	[.....(1).....]	
Crawford	10	4	[.....(5).....]		-	-	-
Delta	6	[.....(6).....]					
Dickinson	2	-	[.....(2).....]		-	-	-
Eaton	105	12	42	25	13	8	5
Emmet	28	6	8	4	5	[.....(5).....]	
Genesee	1,320	195	454	316	204	117	33
Gladwin	14	4	7	[.....(3).....]			-
Gogebic	-	-	-	-	-	-	-
Grand Traverse	132	15	47	32	18	12	7
Gratiot	32	6	12	10	[.....(4).....]		-
Hillsdale	27	7	8	9	[.....(3).....]		
Houghton	2	[.....(2).....]					
Huron	29	6	5	8	8	[.....(2).....]	
Ingham	558	90	246	119	64	25	13
Ionia	44	9	15	8	6	6	-
Iosco	28	9	10	[.....(9).....]			-
Iron	-	-	-	-	-	-	-

**Table 2**  
**Number of Reported Induced Abortions**  
**by County of Residence and Age of Woman**  
**Michigan Residents, 2011**  
**(Continued)**

County of Residence	Total	Age of Woman					
		< 20	20-24	25-29	30-34	35-39	40+
Isabella	93	15	46	16	13	3	-
Jackson	260	33	107	58	32	20	9
Kalamazoo	714	133	283	137	91	51	18
Kalkaska	14	[.....(5).....]		3	[.....(5).....]		-
Kent	980	156	364	232	118	76	33
Keweenaw	-	-	-	-	-	-	-
Lake	4	4	-	-	-	-	-
Lapeer	86	13	31	20	11	8	3
Leelanau	16	3	9	[.....(4).....]		-	-
Lenawee	97	24	30	21	13	5	4
Livingston	209	36	65	45	30	24	9
Luce	5	-	-	[.....(5).....]			-
Mackinac	12	3	[.....(5).....]		[.....(4).....]		-
Macomb	1,991	291	635	452	328	202	78
Manistee	22	5	4	7	[.....(6).....]		
Marquette	24	[.....(12).....]		5	[.....(7).....]		
Mason	35	6	15	6	3	[.....(5).....]	
Mecosta	49	9	20	13	[.....(7).....]		
Menominee	-	-	-	-	-	-	-
Midland	64	7	31	7	9	[.....(10).....]	
Missaukee	10	3	4	[.....(3).....]		-	-
Monroe	184	28	69	41	24	18	3
Montcalm	42	8	8	13	3	7	3
Montmorency	7	-	4	[.....(3).....]		-	-
Muskegon	166	38	57	38	17	11	5
Newaygo	24	5	8	5	[.....(3).....]		3
Oakland	2,762	361	895	663	441	268	129
Oceana	15	3	7	[.....(5).....]			
Ogemaw	23	3	5	9		[.....(4).....]	
Ontonagon	-	-	-	-	-	-	-
Osceola	20	5	8	[.....(6).....]		-	-
Oscoda	1	-	[.....(1).....]		-	-	-
Otsego	22	[.....(12).....]		[.....(6).....]		[.....(4).....]	
Ottawa	208	38	79	38	26	21	6
Presque Isle	13	4	[.....(4).....]		[.....(5).....]		-
Roscommon	23	[.....(13).....]		4	[.....(6).....]		
Saginaw	490	73	178	99	81	43	10
Saint Clair	254	37	99	53	31	24	10
Saint Joseph	69	8	21	22	13	5	-
Sanilac	26	4	8	7	[.....(7).....]		-
Schoolcraft	2	[.....(2).....]					

**Table 2**  
**Number of Reported Induced Abortions**  
**by County of Residence and Age of Woman**  
**Michigan Residents, 2011**  
**(Continued)**

County of Residence	Total	Age of Woman					
		< 20	20-24	25-29	30-34	35-39	40+
Shiawassee	80	18	24	22	10	[.....(5).....]	
Tuscola	46	6	19	8	7	[.....(6).....]	
Van Buren	108	25	29	24	16	7	6
Washtenaw	1,041	183	393	233	118	82	32
Wayne	8,961	1,423	3,196	2,117	1,314	692	209
Wexford	26	6	10	7	[.....(3).....]		

**Note:** Reports with unknown age of woman are included in the 'Total' column only. Reports with unknown county of residence are included in the 'Michigan' row only. The brackets "[\_]" are used to indicate groups that have been combined so that counts less than three are not displayed, and the number "(\_)" indicates the total count of reported cases in the combined groups.

**Source:** 2011 File of Michigan Resident Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 3-A**  
**Number of Reported Induced Abortions**  
**by City of Residence and Age of Woman**  
**for Cities with Over 40,000 Population**  
**Michigan Residents, 2011**

City of Residence	Total	Age of Woman					
		< 20	20-24	25-29	30-34	35-39	40+
<b>Michigan</b>							
Number	22,826	3,595	8,084	5,276	3,285	1,855	688
Percent	100.0	15.7	35.4	23.1	14.4	8.1	3.0
<b>All Large Cities</b>							
Number	13,306	2,041	4,770	3,096	1,901	1,012	350
Percent	100.0	15.33	35.8	23.3	14.3	7.6	2.6
Ann Arbor	424	71	158	92	55	33	15
Battle Creek	254	43	105	68	19	15	4
Dearborn	273	43	85	69	44	20	12
Dearborn Heights	113	13	37	29	23	[.....(11).....]	
Detroit	5,309	917	2,026	1,319	807	409	126
East Lansing	113	20	68	11	8	[.....(6).....]	
Farmington Hills	98	9	32	31	11	10	5
Flint	790	116	278	198	126	57	14
Grand Rapids	672	94	219	141	76	39	21
Holland	88	14	35	18	11	7	3
Kalamazoo	561	96	239	112	64	38	11
Kentwood	88	16	35	16	10	8	3
Lansing	385	53	158	97	49	17	10
Lincoln Park	124	19	54	27	18	3	3
Livonia	160	18	62	30	24	20	6
Midland	91	6	25	6	7	[.....(10).....]	
Muskegon	118	30	36	28	14	7	3
Novi	94	7	29	19	22	11	5
Pontiac	258	34	99	62	39	18	6
Portage	84	15	30	13	19	[.....(7).....]	
Rochester Hills	67	3	23	18	8	9	6
Roseville	145	17	35	44	25	16	8
Royal Oak	127	11	42	35	27	7	5
Saginaw	431	61	160	89	71	38	6
Saint Clair Shores	103	16	26	22	28	8	3

**Table 3-A**  
**Number of Reported Induced Abortions**  
**by City of Residence and Age of Woman**  
**for Cities with Over 40,000 Population**  
**Michigan Residents, 2011**

City of Residence	Total	Age of Woman					
		< 20	20-24	25-29	30-34	35-39	40+
Southfield	458	63	151	102	74	52	16
Sterling Heights	298	38	88	65	44	41	22
Taylor	282	38	109	78	40	10	6
Troy	111	13	29	27	18	16	8
Warren	377	73	110	93	58	35	8
Westland	391	55	144	102	47	36	6
Wyoming	119	19	43	35	15	4	3

**Note:** Reports with unknown age of woman are included in the 'Total' column only. Reports with unknown place of residence are included in the 'Michigan' total row only. Population based upon the 2000 Census. The brackets "[\_]" are used to indicate age groups that have been combined so that counts less than three are not displayed, and the number "(\_)" indicates the total count of reported cases in the combined groups.

**Source:** 2011 File of Michigan Resident Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 3-B**  
**Number of Reported Induced Abortions**  
**by Area of Residence and Age of Woman**  
**for Selected Large Metropolitan Areas**  
**Michigan Residents, 2011**

Area of Residence	Total	Age of Woman					
		< 20	20-24	25-29	30-34	35-39	40+
<b>Michigan</b>							
Number	22,826	3,595	8,084	5,276	3,285	1,855	688
Percent	100.0	15.7	35.4	23.1	14.4	8.1	3.0
<b>Metro Total</b>							
Number	18,817	2,905	6,644	4,268	2,759	1,556	555
Percent	100.0	15.4	35.3	23.3	14.7	8.3	2.9
Genesee County	1,320	195	454	316	204	117	33
Ingham County	558	90	246	119	64	25	13
Kalamazoo County	714	133	283	137	91	51	18
Kent County	980	156	364	232	118	76	33
Macomb County	1,991	291	635	452	328	202	78
Oakland County	2,762	361	895	663	441	268	129
Saginaw County	490	73	178	99	81	43	10
Washtenaw County	1,041	183	393	233	118	82	32
Wayne County (Excluding Detroit)	3,352	506	1,170	798	507	348	83
Detroit City	5,609	917	2,026	1,319	807	409	126

**Note:** Reports with unknown age of woman are included in the 'Total' column only. Reports with unknown place of residence are included in the 'Michigan' row only.

**Source:** 2011 File of Michigan Resident Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 4**  
**Number of Reported Induced Abortions**  
**by County of Residence**  
**and Number of Previous Induced Abortions**  
**Michigan Residents, 2011**

County of Residence	Total	Previous Induced Abortions		
		None	One	Two +
<b>Michigan</b>				
Number	22,826	11,351	5,980	5,491
Percent	100.0	49.7	26.2	24.1
Alcona	5	[ ..... (5) ..... ]		
Alger	0	0	0	0
Allegan	106	64	27	15
Alpena	20	15	[ ..... (5) ..... ]	
Antrim	18	14	[ ..... (4) ..... ]	
Arenac	16	11	[ ..... (5) ..... ]	
Baraga	2	0	[ ..... (2) ..... ]	
Barry	37	27	[ ..... (10) ..... ]	
Bay	157	113	25	19
Benzie	17	9	[ ..... (8) ..... ]	
Berrien	263	157	61	45
Branch	53	38	7	8
Calhoun	298	183	82	33
Cass	52	36	9	7
Charlevoix	28	23	[ ..... (5) ..... ]	
Cheboygan	16	12	[ ..... (4) ..... ]	
Chippewa	27	15	[ ..... (12) ..... ]	
Clare	36	23	7	6
Clinton	33	26	4	3
Crawford	10	9	[ ..... (1) ..... ]	
Delta	6	4	[ ..... (2) ..... ]	
Dickinson	2	[ ..... (2) ..... ]		
Eaton	105	56	32	17
Emmet	28	21	4	3
Genesee	1,320	619	376	325
Gladwin	14	[ ..... (14) ..... ]		
Gogebic	-	-	-	-
Grand Traverse	132	91	33	8
Gratiot	32	26	3	3
Hillsdale	27	23	[ ..... (4) ..... ]	
Houghton	2	[ ..... (2) ..... ]		
Huron	29	23	6	0
Ingham	558	369	107	81
Ionia	44	36	[ ..... (8) ..... ]	
Iosco	28	19	[ ..... (9) ..... ]	
Iron	-	-	-	-
Isabella	93	70	20	3
Jackson	260	147	57	56

**Table 4**  
**Number of Reported Induced Abortions**  
**by County of Residence**  
**and Number of Previous Induced Abortions**  
**Michigan Residents, 2011**

County of Residence	Total	Previous Induced Abortions		
		None	One	Two +
Kalamazoo	714	429	177	108
Kalkaska	14	10	[.....(4).....]	
Kent	980	623	238	119
Keweenaw	-	-	-	-
Lake	4	[.....(4).....]		0
Lapeer	86	58	21	7
Leelanau	16	12	[.....(4).....]	
Lenawee	97	62	24	11
Livingston	209	137	44	28
Luce	5	[.....(5).....]		
Mackinac	12	10	[.....(2).....]	
Macomb	1,991	944	574	473
Manistee	22	15	[.....(7).....]	
Marquette	24	21	3	0
Mason	35	26	5	4
Mecosta	49	35	9	5
Menominee	-	-	-	-
Midland	64	48	10	6
Missaukee	10	6	[.....(4).....]	
Monroe	184	97	51	36
Montcalm	42	27	[.....(15).....]	
Montmorency	7	[.....(7).....]		-
Muskegon	166	117	34	15
Newaygo	24	15	6	3
Oakland	2,762	1,281	769	710
Oceana	15	10	[.....(5).....]	
Ogemaw	23	19	4	-
Ontonagon	-	-	-	-
Osceola	20	16	[.....(4).....]	
Oscoda	1	[.....(1).....]		
Otsego	22	17	[.....(5).....]	
Ottawa	208	140	46	21
Presque Isle	13	[.....(13).....]		-
Roscommon	23	16	[.....(7).....]	
Saginaw	490	325	101	64
Saint Clair	254	141	71	42
Saint Joseph	69	44	21	4
Sanilac	26	17	5	4
Schoolcraft	2	[.....(2).....]		
Shiawassee	8078	53	24	3
Tuscola	46	35	8	3
Van Buren	108	61	30	17

**Table 4**  
**Number of Reported Induced Abortions**  
**by County of Residence**  
**and Number of Previous Induced Abortions**  
**Michigan Residents, 2011**

County of Residence	Total	Previous Induced Abortions		
		None	One	Two +
Washtenaw	1,041	648	235	158
Wayne	8,961	3,487	2,498	2,976
Wexford	26	18	[ ..... (8) ..... ]	

**Note:** The brackets "[\_]" are used to indicate groups that have been combined so that counts less than three are not displayed, and the number "(\_)" indicates the total count of reported cases in the combined groups. Reports with unknown previous induced abortions are included in the "Number" total only. Reports with unknown county of residence are included in the 'Michigan' total row only.

**Source:** 2011 File of Michigan Resident Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 5**  
**Number and Percent of Reported Induced Abortions**  
**by Age of Woman and Marital Status**  
**Michigan Residents, 2011**

Age of Woman	Marital Status				
	Total	Not Married		Married	
		Number	Percent	Number	Percent
<b>All Ages</b>	<b>22,826</b>	<b>20,460</b>	<b>89.6</b>	<b>2,286</b>	<b>10.0</b>
Under 20	3,595	3,561	99.1	25	0.7
20 - 24	8,084	7,789	96.4	264	3.3
25 - 29	5,276	4,658	88.3	607	11.5
30 - 34	3,285	2,616	79.6	655	19.9
35 - 39	1,855	1,351	72.8	495	26.7
40 or Older	688	450	65.4	234	34

**Note:** Reports with unknown age of woman are included in the 'All Ages' row only. Reports with unknown marital status are included in the 'Total' column only.

**Source:** 2011 File of Michigan Resident Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 6**  
**Number and Percent of Reported Induced Abortions**  
**by Source of Referral and Age of Woman**  
**Michigan Residents, 2011**

Age of Woman	Source of Referral														
	Total	Physician		Self		Friend or Family		Clergy		Social Agency		Health Department		Family Planning Agency	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Ages	22,826	760	3.3	19,589	85.8	1,783	7.8	1	0.0	92	0.4	24	0.1	340	1.5
Under 20	3,595	125	3.5	2,921	81.3	411	11.4	-	-	12	0.3	2	0.1	79	2.2
20 - 24	8,084	245	3.0	6,887	85.2	704	8.7	1	0.0	33	0.4	11	0.1	130	1.6
25 - 29	5,276	159	3.0	4,601	87.2	357	6.8	-	-	22	0.4	6	0.1	71	1.3
30 - 34	3,285	119	3.6	2,891	88.0	180	5.5	-	-	16	0.5	3	0.1	41	1.2
35 - 39	1,855	79	4.3	1,646	88.7	96	5.2	-	-	4	0.2	1	0.1	11	0.6
40 or Older	688	32	4.7	602	87.5	35	5.1	-	-	5	0.7	1	0.1	7	1.0

**Note:** Reports with source of referral not reported are included in the 'Total' column only. Reports with age of woman not reported are included in the 'All Ages' row only.

-: A dash indicates quantity zero.

0.0: Quantity more than zero but less than 0.05.

**Source:** 2011 File of Michigan Resident Induced Abortions Occurring in Michigan, Vital Records and Health Statistics Section, Michigan Department of Community Health.

**Table 7**  
**Number and Percent of Reported Induced Abortions**  
**by the Number of Previous Pregnancies**  
**Carried to Term and Marital Status**  
**Michigan Residents, 2011**

Marital Status	Total	Previous Pregnancies Carried to Term											
		None		One		Two		Three		Four		Five or More	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Total</b>	<b>22,826</b>	<b>8,764</b>	<b>38.4</b>	<b>6,384</b>	<b>28.0</b>	<b>4,473</b>	<b>19.6</b>	<b>2,006</b>	<b>8.8</b>	<b>765</b>	<b>3.4</b>	<b>434</b>	<b>1.9</b>
Not Married	20,460	8,449	41.3	5,827	28.5	3,634	17.8	1,614	7.9	594	2.9	342	1.7
Married	2,286	292	12.8	534	23.4	824	36.0	381	16.7	164	7.2	91	4.0

**Note:** Term pregnancies are those which lasted 37 weeks or longer, regardless of the outcome. Reports with term pregnancies not reported are included in the "Total" column only. Reports with marital status not reported are included in the "Total" row only.

**Source:** 2011 File of Michigan Resident Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 8**  
**Number and Percent of Reported Induced Abortions by Age of Woman**  
**and Number of Previous Spontaneous Abortions**  
**Michigan Residents, 2011**

Age of Woman	Previous Spontaneous Abortions								
	Total	None		One		Two		Three or More	
	Number	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Ages	22,826	18,518	81.1	3,288	14.4	752	3.3	263	1.2
Under 20	3,595	3,452	96.0	131	3.6	12	0.3	-	-
20 - 24	8,084	7,034	87.0	881	10.9	136	1.7	32	.04
25 - 29	5,276	4,023	76.3	964	18.3	197	3.7	88	1.7
30 - 34	3,285	2,308	70.3	705	21.5	209	6.4	63	1.9
35 - 39	1,855	1,232	66.4	421	22.7	144	7.8	58	3.1
40 or Older	688	439	63.8	179	26.0	49	7.1	21	3.1

**Note:** Reports with unknown age of woman are included in the 'All Ages' row only. Reports with previous spontaneous abortions not reported are included in the 'Total' column only.

**Source:** 2011 File of Michigan Resident Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 9  
Number and Percent  
of Reported  
Induced Abortions  
by County of Occurrence  
Michigan Occurrences, 2011**

County of Occurrence	Reported Induced Abortions	
	Number	Percent
<b>MICHIGAN</b>	<b>23,366</b>	<b>100.0</b>
Berrien	368	1.6
Eaton	504	2.2
Genesee	1,503	6.4
Grand Traverse	130	0.6
Ingham	36	0.2
Kalamazoo	1,481	6.3
Kent	1,649	7.1
Macomb	3,995	17.1
Oakland	3,927	16.8
Saginaw	979	4.2
Washtenaw	2,065	8.8
Wayne	6,729	28.8
All Other	-	-

**Source:** 2011 File of Reported Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 10  
Number and Percent of Reported Induced Abortions by Weeks of Gestation  
and Principal Procedure, Michigan Occurrences, 2011**

Weeks of Gestation	Principal Procedure														
	Total	Suction Curettage		Medical (Non-Surgical)		Dilation & Evacuation		Saline or Prostaglandin		Sharp Curettage (D & C)		Hysterectomy or Hysterotomy		Other Procedures	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Total</b>	<b>23,366</b>	<b>18,916</b>	<b>81.0</b>	<b>3,185</b>	<b>13.6</b>	<b>1,202</b>	<b>5.1</b>	<b>3</b>	<b>*</b>	<b>4</b>	<b>*</b>	<b>2</b>	<b>*</b>	<b>7</b>	<b>0.0</b>
< 5	531	389	73.3	139	26.2	1	0.2	-	-	-	-	-	-	-	-
5-8	13,296	10,419	78.4	2,728	20.5	122	0.9	-	-	-	-	1	*	2	0.0
9-12	6,618	5,991	90.5	275	4.2	337	5.1	-	-	1	-	-	-	2	0.0
13-16	1,975	1,511	76.5	22	1.1	438	22.2	-	-	1	0.1	-	-	-	-
17-20	653	389	59.6	12	1.8	245	37.5	-	-	2	0.3	1	0.2	-	-
21-24	225	162	72.0	7	3.1	51	22.7	3	1.3	-	-	-	-	2	0.9
25-28	42	31	73.8	2	*	6	14.3	-	-	-	-	-	-	1	2.4
Over 28	12	10	83.3	-	-	2	16.7	-	-	-	-	-	-	-	-

**Note:** Weeks of gestation is the calculated number of weeks corresponding to the time elapsed since the date of the last regular menstrual period and the date of the abortion. Reports with weeks of gestation not reported are included in the 'Total' row only. Reports with principal procedure not reported are included in the 'All Procedures' column only. The reporting of procedures used conforms to national recommendations issued by the Centers for Disease Control and Prevention (CDC). In abortions where more than one procedure was performed, the principal procedure was determined according to the following hierarchy: hysterectomy/hysterotomy, sharp curettage (D&C), saline injection or prostaglandin, dilation and evacuation, medical (non-surgical), suction curettage, and other procedures.

-: A dash indicates quantity zero.

0.0: Quantity more than zero but less than 0.05.

**Source:** 2011 File of Reported Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 11**  
**Number and Percent of Reported Induced Abortions by Weeks of Gestation**  
**and Type of Facility, Michigan Occurrences, 2011**

Weeks Gestation	Type of Facility										
	Total	Hospital		Hospital Satellite Clinic		Freestanding Outpatient Surgical Facility		Physician's Private Office		Other	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Weeks Gestation	23,366	44	0.2	11	0.0	5,510	23.6	17,617	75.4	4	0.02
< 5	531	-	-	-	-	71	13.4	454	85.5	-	-
5 - 8	13,296	2	0.0	5	0.0	3,508	26.4	9,677	72.8	3	0.0
9 - 12	6,618	-	-	3	0.0	1,418	21.4	5,147	77.8	1	0.0
13 - 16	1,975	6	0.3	2	0.1	424	21.5	1,530	77.5	-	-
17 - 20	653	19	2.9	1	0.2	84	12.9	542	83.0	-	-
21 - 24	225	12	5.3	-	-	4	1.8	206	91.6	-	-
25 - 28	42	5	11.9	-	-	-	-	37	88.1	-	-
Over 28	12	-	-	-	-	-	-	11	91.7	-	-

**Note:** Reports with unknown type of facility are included in the 'Total' column only. Weeks of gestation is the calculated number of weeks corresponding to the time elapsed since the date of the last menstrual period and the date of the abortion. Reports with weeks of gestation not reported are included in the 'All Weeks Gestation' row only.

-: A dash indicates quantity zero.

0.0 Quantity more than zero but less than 0.05.

**Source:** 2011 File of Reported Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 12**  
**Number and Percent of Reported Induced Abortions by Principal Procedure**  
**and Type of Facility, Michigan Occurrences, 2011**

Principal Procedure	Type of Facility										
	Total	Hospital		Hospital Satellite Clinic		Freestanding Outpatient Surgical Facility		Physician's Private Office		Other	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>All Procedures</b>	<b>23,366</b>	<b>44</b>	<b>0.2</b>	<b>11</b>	<b>0.0</b>	<b>5,510</b>	<b>23.6</b>	<b>17,617</b>	<b>75.4</b>	<b>4</b>	<b>0.02</b>
Suction Curettage	18,916	-	-	8	0.0	3,531	18.7	15,222	80.5	2	0.0
Medical (Non-Surgical)	3,185	22	0.7	2	0.1	1,670	52.4	1,473	46.2	2	0.1
Dilatation and Evacuation	1,202	8	0.7	1	0.1	296	24.6	888	73.9	-	-
Saline Injection or Prostaglandin	3	3	100.0	-	-	-	-	-	-	-	-
Sharp Curettage (D&C)	4	3	75.0	-	-	-	-	1	25.0	-	-
Hysterectomy/ Hysterotomy	2	1	50.0	-	-	-	-	1	50.0	-	-
Other Procedures	7	3	42.9	-	-	-	-	4	57.1	-	-

**Note:** Reports with principal procedure not reported are included in the 'All Procedures' row only. Reports with type of facility unknown are included in the 'Total' column only. The reporting of procedures used has been changed to conform to national recommendations issued by the Centers for Disease Control and Prevention (CDC). In abortions where more than one procedure was performed, the principal procedure was determined according to the following hierarchy: hysterectomy/hysterotomy, sharp curettage (D&C), saline injection or prostaglandin, dilation and evacuation, medical (non-surgical), suction curettage and other procedures.

-: A dash indicates quantity zero.

**0.0** Quantity more than zero but less than 0.05.

**Source:** 2011 File of Reported Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 13**  
**Number and Percent of Reported Induced Abortions**  
**with Any Mention of Immediate Complication**  
**by Type of Immediate Complication**  
**Michigan Occurrences, 2011**

Type of Immediate Complications	Number	Percent
<b>Total Immediate Complications</b>	5	0.02
Shock	3	0.01
Uterine Perforation	1	0.00
Cervical Laceration	-	-
Hemorrhage	1	0.00
Allergic Response	-	-
Death	-	-
Infection	2	0.00
Retained Products	-	
Other Complications	1	0.00

**Note:** Abortions with at least one immediate complication may not equal the sum of all the complications specified because a woman may have multiple complications reported.

**0.00** Quantity more than zero but less than 0.005.  
 - A dash indicates quantity zero.

**Source:** 2011 File of Reported Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 14**  
**Number of Reported Induced Abortions with Any**  
**Mention of Immediate Complication**  
**by Selected Characteristics**  
**Michigan Occurrences, 2011**

Selected Characteristics	Number	Selected Characteristics	Number
<b><u>Age of Woman</u></b>		<b><u>Principal Procedure</u></b>	
All Ages	5	All Procedures	5
< 20	1	Suction Curettage	2
20 - 24	1	Medical (non-surgical)	1
25 - 29	-	Dilation and Evacuation	-
30 - 34	1	Saline or Prostaglandin	-
35 - 39	2	Sharp Curettage (D & C)	-
40 +	-	Hysterotomy/Hysterectomy	1
		Other Procedures	1
<b><u>Weeks of Gestation</u></b>		<b><u>Type of Facility</u></b>	
Total	5	All Facilities	5
< 5	-	Hospital	2
05 - 08	3	Hospital Satellite Clinic	-
09 - 12	-	Freestanding Outpatient	-
13 - 16	-	Surgical Facility	-
17 - 20	1	Physician's Private Office	3
21 +	1	Other Facilities	-

**Note:** Weeks of gestation is the calculated number of weeks corresponding to the time elapsed since the date of the last regular menstrual period and the date of the abortion. The reporting of procedures used conforms to national recommendations issued by the Centers for Disease Control and Prevention (CDC). In abortions where more than one procedure was performed, the principal procedure was determined according to the following hierarchy: hysterectomy/hysterotomy, sharp curettage (D&C), saline injection or prostaglandin, dilation and evacuation, medical (non-surgical), suction curettage and other procedures.

-: A dash indicates quantity zero.

**Source:** 2011 Files of Reported Induced Abortions Occurring in Michigan, Vital Records and Health Statistics Section, Michigan Department of Community Health

**Table 15**  
**Number of Reported Induced**  
**Abortions**  
**by Evidence of Life**  
**Michigan Occurrences, 2011**

Evidence of Life	Number
<b>Total Abortions</b>	<b>23,366</b>
Present	5
Not Present	23,344
Not Reported	17

**Note:** Responses in reply to the question: "Did fetus show evidence of life when separated, expelled or removed from the woman?"

-: A dash indicates quantity zero.

**Source:** 2011 File of Reported Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 16**  
**Number and Percent of**  
**Reported Induced Abortions**  
**by Weight of Fetus**  
**Michigan Occurrences, 2011**

Weight of Fetus	Reported Induced Abortions	
	Number	Percent
<b>All Weights</b>	<b>23,366</b>	<b>100.0</b>
1 - 99 Grams	1,132	4.8
100 - 399 Grams	21	0.1
400 Grams or More	10	0.0
Not Determinable	22,203	95.0

**Source:** 2011 File of Reported Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 17**  
**Number and Percent**  
**of Reported Induced Abortions**  
**by Race of Woman,**  
**Michigan Residents, 2011**

Race of Woman	Number	Percent
<b>All Races</b>	<b>22,826</b>	<b>100.0</b>
White	10,327	45.2
Black	10,729	47.0
American Indian	109	0.5
Asian & Pacific Islander	422	1.8
Multi Racial	288	1.3
Other	92	0.4

**Note:** Abortions with unknown or not reported race of woman are included in "All Races" row only.

**Source:** 2011 File of Reported Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 18**  
**Number and Percent of Reported Induced Abortions**  
**by Race of Woman and Marital Status**  
**Michigan Residents, 2011**

Race of Woman	Marital Status				
	Total	Not Married		Married	
		Number	Percent	Number	Percent
<b>All Ages</b>	<b>22,826</b>	<b>20,460</b>	<b>89.6</b>	<b>2,286</b>	<b>10.0</b>
White	10,327	8,935	86.5	1,358	13.1
Black	10,729	10,198	95.1	496	4.6
American Indian	109	50	45.9	59	54.1
Asian & Pacific Islander	422	232	55.0	189	44.8
Multi Racial	288	259	89.9	26	9.0
Other	92	63	68.5	29	31.5

**Note:** Reports with unknown race of woman are included in the 'All Races' row only. Reports with unknown marital status are included in the 'Total' column only.

**Source:** 2011 File of Michigan Resident Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 19**  
**Number and Percent of Reported Induced Abortions**  
**by Race of Woman and**  
**Number of Previous Spontaneous Abortions**  
**Michigan Residents, 2011**

Race of Woman	Previous Spontaneous Abortions						
	Total	None		One		Two or More	
		Number	Percent	Number	Percent	Number	Percent
<b>All Races</b>	<b>22,826</b>	<b>18,518</b>	<b>81.1</b>	<b>3,288</b>	<b>14.4</b>	<b>1,015</b>	<b>4.4</b>
White	10,327	8,550	82.8	1,340	13.0	436	4.2
Black	10,729	8,491	79.1	1,720	16.0	514	4.8
American Indian	109	92	84.4	15	13.8	*	*
Asian & Pacific Islander	422	355	84.1	49	11.6	18	4.3
Multi Racial	288	237	82.3	38	13.2	13	4.5
Other	92	80	87.0	8	8.7	4	4.3

**Note:** Reports with unknown race of woman are included in the 'All Races' row only. Reports with previous spontaneous abortions not reported are included in the 'Total' column only.

**Source:** 2011 File of Michigan Resident Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 20**  
**Number and Percent of Reported Induced Abortions**  
**by the Source of Payment**  
**and Race of Woman**  
**Michigan Residents, 2011**

Race of Woman	Source of Payment				
	All Sources	Insurance		Self Pay	
		Number	Percent	Number	Percent
<b>All Races</b>	<b>22,826</b>	<b>718</b>	<b>3.1</b>	<b>21,960</b>	<b>96.2</b>
White	10,327	355	3.4	9,892	95.8
Black	10,729	302	2.8	10,374	96.7
American Indian	109	9	8.3	100	91.7
Asian & Pacific Islander	422	15	3.6	400	94.8
Multi Racial	288	11	3.8	274	95.1
Other	92	4	4.3	88	95.7

**Note:** Reports with race of woman not reported are included in the 'All Races' row only. Reports with unknown source of payment are included in the 'Total' column only.

**Source:** 2011 File of Michigan Resident Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 21**  
**Number and Percent of Reported Induced Abortions**  
**by Race and Age of Woman**  
**Michigan Residents, 2011**

1,750	Age of Woman										
	All Ages	Under 20		20 - 24		25 - 29		30 - 34		35 or Older	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Races	22,826	3,595	15.7	8,084	35.4	5,276	23.1	3,285	14.4	2,543	11.1
White	10,327	1,570	15.2	3,624	35.1	2,373	23.0	1,464	14.2	1,275	12.3
Black	10,729	1,750	16.3	3,903	36.4	2,485	23.2	1,546	14.4	1,030	9.6
American Indian	109	8	7.3	28	25.7	33	30.3	21	19.3	19	17.4
Asian & Pacific Islander	422	39	9.2	117	27.7	107	25.4	73	17.3	86	20.4
Multi Racial	288	74	25.7	110	38.2	57	19.8	29	10.1	16	5.6
Other	92	14	15.2	24	26.1	19	20.7	24	26.1	11	12.0

**Note:** Reports with age of woman not reported are included in the 'All Ages' column only. Reports with race of woman not reported are included in the 'All Races' row only.

**Source:** 2011 File of Michigan Resident Induced Abortions Occurring in Michigan, Vital Records and Health Statistics Section, Michigan Department of Community Health

**Table 22**  
**Number and Percent**  
**of Reported Induced Abortions**  
**with Any Mention of**  
**Subsequent Complication**  
**by Type of Subsequent Complication**  
**Michigan Occurrences, 2011**

Type of Subsequent Complications	Number	Percent
Total Subsequent Complications	10	0.04
Shock	-	-
Uterine Perforation	-	-
Cervical Laceration	-	-
Hemorrhage	2	0.01
Allergic Response	-	-
Death	-	-
Infection	2	0.01
Retained Products	5	0.02
Other Complications	3	0.02

**Note:** Abortions with at least one subsequent complication may not equal the sum of all the complications specified because women may have multiple complications reported.

-: A dash indicates quantity zero.

**Source:** 2011 File of Reported Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 23**  
**Number and Percent of Reported Induced Abortions**  
**by the Source of Payment**  
**and Age of Woman**  
**Michigan Residents, 2011**

Age of Woman	Source of Payment				
	All Sources	Insurance		Self Pay	
		Number	Percent	Number	Percent
<b>All Ages</b>	<b>22,826</b>	<b>718</b>	<b>3.1</b>	<b>21,960</b>	<b>96.2</b>
Under 20	3,595	108	3.0	3,471	96.6
20 - 24	8,084	200	2.5	7,826	96.8
25 - 29	5,276	155	2.9	5,083	96.3
30 - 34	3,285	123	3.7	3,141	95.6
35 - 39	1,855	91	4.9	1,755	94.6
40 or Older	688	41	6.0	642	93.3

**Note:** Reports with age of woman not reported are included in the 'All Ages' row only. Reports with Source of payment unknown are included in the "All Sources" column only.

**Source:** 2011 File of Michigan Resident Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 24**  
**Number and Percent of Reported Induced Abortions by Weeks of Gestation**  
**and Method to Confirm Pregnancy, Michigan Occurrences, 2011**

Weeks of Gestation	Method to Confirm Pregnancy												
	Total	Home Urine Test		Clinical Lab Urine Test		Clinical Lab Blood Test		Ultrasound		Not Tested		Other	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>All Weeks Gestation</b>	<b>23,366</b>	<b>2,087</b>	<b>8.9</b>	<b>911</b>	<b>3.9</b>	<b>46</b>	<b>0.2</b>	<b>20,285</b>	<b>86.8</b>	<b>5</b>	<b>0.0</b>	<b>3</b>	<b>0.0</b>
< 5	531	60	11.3	27	5.1	3	0.6	441	83.1	-	-	-	-
5 - 8	13,296	1,055	7.9	440	3.3	19	0.1	11,770	88.5	2	0.0	1	0.0
9 - 12	6,618	643	9.7	293	4.4	11	0.2	5,665	85.6	1	0.0	1	0.0
13 - 16	1,975	221	11.2	103	5.2	7	0.4	1,638	82.9	2	0.1	1	0.1
17 - 20	653	79	12.1	38	5.8	4	0.6	521	79.8	-	-	-	-
21 - 24	225	20	8.9	8	3.6	1	0.4	196	87.1	-	-	-	-
25 - 28	42	6	14.3	-	-	1	2.4	31	73.8	-	-	-	-
Over 28	12	1	8.3	-	-	-	-	11	91.7	-	-	-	-

**Note:** Weeks of gestation is the calculated number of weeks corresponding to the time elapsed since the date of the last regular menstrual period and the date of the abortion. Reports with weeks of gestation not reported are included in the 'All Weeks Gestation' row only. Reports with method to confirm pregnancy not reported are included in the 'Total' column only.

**0.0** Quantity more than zero but less than 0.05.

- A dash indicates quantity zero.

**Source:** 2011 File of Reported Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.

**Table 25**  
**Number of Reported Induced Abortions with Any Mention of**  
**Subsequent Complication by Selected Characteristics, Michigan**  
**Occurrences, 2011**

Selected Characteristics	Number	Selected Characteristics	Number
<b><u>Age of Woman</u></b>		<b><u>Principal Procedure</u></b>	
All Ages	10	All Procedures	10
< 20	1	Suction Curettage	8
20 - 24	5	Medical (non-surgical)	-
25 - 29	3	Dilation and Evacuation	1
30 - 34	1	Saline or Prostaglandin	-
35 - 39	-	Sharp Curettage (D & C)	-
40 +	-	Hysterotomy/Hysterectomy	-
		Other Procedures	-
		Unknown Procedures	1
<b><u>Weeks of Gestation</u></b>		<b><u>Type of Facility</u></b>	
Total	10	All Facilities	10
< 5	-	Hospital	-
05 - 08	5	Hospital Satellite Clinic	-
09 - 12	1	Freestanding Outpatient Surgical Facility	3
13 - 16	1	Physician's Private Office	3
17 - 20	-	Other Facilities	2
20 +	-		

**Note:** Weeks of gestation is the calculated number of weeks corresponding to the time elapsed since the date of the last regular menstrual period and the date of the abortion. Reports with weeks of gestation not reported are included in the 'Total' row only. Reports with principal procedure not reported are included in the 'All Procedures' row only. The reporting of procedures used conforms to national recommendations issued by the Centers for Disease Control and Prevention (CDC). In abortions where more than one procedure was performed, the principal procedure was determined according to the following hierarchy: hysterectomy/hysterotomy, sharp curettage (D&C), saline injection or prostaglandin, dilation and evacuation, medical (non-surgical), suction curettage, and other procedures. Reports with unknown facility type are included in the 'All Facilities' row only.

-: A dash indicates quantity zero.

**Source:** 2011 File of Reported Induced Abortions Occurring in Michigan, Division for Vital Records & Health Statistics, Michigan Department of Community Health.