

Terminated Pregnancy Report 2019



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Terminated Pregnancy Report

Indiana State Department of Health
Division of Vital Records

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Executive Summary

The purpose of this report is to present the demographic and medical trends of those who sought to terminate their pregnancies during the 2019 calendar year. Indiana Code § 16-34-2 requires that all terminated pregnancies in Indiana be reported to the Indiana State Department of Health (ISDH) Division of Vital Records within 30 days of termination.

Key Findings

A total of 7,637 terminations were reported in 2019. Of these, 7,019 (91.91%) were for Indiana residents, while 618 (8.09%) were for out-of-state residents.

Number of Terminations Performed in Indiana by Year, 2019		
YEAR	Total Count	Indiana Resident Count
2015	7,957	7,487
2016	7,280	6,770
2017	7,778	7,172
2018	8,037	7,263
2019	7,637	7,019

Weeks of Gestation at Time of Termination, 2019	
≤8 weeks	4,937 (64.64%)
9-13 weeks	2,660 (34.83%)
14-20 weeks	34 (.45%)
≥21 weeks	6 (.08%)

Procedure Type Used to Terminate Pregnancy, 2019	
Nonsurgical	3351 (43.88%)
Surgical	4286 (56.12%)

The average age of a woman who obtained a termination was 26.8 years (SD = 6.19) and the median age was 26 years. A little more than half of those who sought terminations were white (53.10%) and about a third were black (31.84%). The majority were unmarried (85.68%), and a large majority had at least a high school diploma or GED (90.04%).

More than half (59.25%) of all terminated pregnancies occurred during weeks 6-8 gestation. Surgical terminations (56.12%) were reported more frequently than non-surgical terminations. About a third (34.42%) of women had reported having at least one previous terminated pregnancy. The county with the highest number of residents receiving terminations in 2019 was Marion County.

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Introduction

A legal induced abortion, as defined by the Centers for Disease Control and Prevention (CDC), is an intervention performed by a licensed clinician (e.g. a physician, nurse-midwife, nurse practitioner, or physician assistant) within the limits of state regulations that is intended to terminate a suspected or known ongoing intrauterine pregnancy and that does not result in a live birth. ⁽¹⁾ The CDC has collected and disseminated abortion statistics since 1969⁽¹⁾ and annually requests data from throughout the United States, although participation by health agencies is voluntary. The Indiana State Department of Health, Division of Vital Records has provided data to CDC since 1973. ⁽²⁾ Such data is primarily used to document the number and characteristics of women obtaining legal induced abortions, which is included in the abortion surveillance report released by the CDC. ⁽³⁾ The most recent Abortion Surveillance Report published by the CDC was for the year of 2016.

Indiana Reporting Requirements

Reports were submitted through the Indiana State Health Gateway Terminated Pregnancy Reporting Application (Gateway) [Appendix A]. Upon submission, all reports were reviewed for completeness. Completed reports were accepted and incomplete forms were rejected and returned to the reporting physician for correction. The law governing terminations of pregnancy in Indiana, including reporting requirements, is set out in the Indiana Code, Title 16, Article 34, Chapter 2 (IC § 16-34-2). ⁽⁴⁾ The pertinent chapter can be found in its entirety at <https://iga.in.gov/legislative/laws/2019/ic/titles/016/#16-34-2>.

Methodology

Methods

Data collected for this report originated in the electronic Indiana State Health Gateway Terminated Pregnancy Reporting Application database (TPR Gateway), where each terminated pregnancy report is submitted as mandated under Indiana Code §16-34-2.

This report includes analyses of demographic information provided by patients and medical information collected from reports. Self-reported demographic information in the report includes:

- Age
- Marital status
- Education level
- Race and ethnicity
- ZIP code of residence
- County of residence
- State of residence

The patient also provides some medically relevant information, including the number of previous live births of children who are still living, the number of previous live births of children who are now deceased, the number of previous spontaneous terminations (i.e. miscarriages), and the number of previous induced terminations (excluding the termination being reported). Patients are asked to list the years of previous spontaneous and induced terminations, and the date last normal menses began.

Medical information regarding the termination is provided by the physician. This information includes:

- Date of termination
- Completion of pathological exam
- Estimate of the gestational age and post fertilization age
- Method used to estimate or determine gestational age and post fertilization age
- Type of procedure
- Whether fetus was delivered alive
- Viability of fetus
- Complications of the termination

Other reported information includes the name of the facility, the city or town, and the county where the termination was completed, the physician's full name, address and signature, and the name and age of the father, if known. Reports do not contain any personally identifiable patient information.

Measures

Categorization of data is based on CDC standards. ⁽³⁾ Physicians report both post fertilization age and gestational age, but the two are calculated differently. Gestational age is approximately two weeks greater than post fertilization age. The Indiana Code refers to post fertilization age, but "gestational age" is more common in epidemiological analyses and will therefore be used in this report.

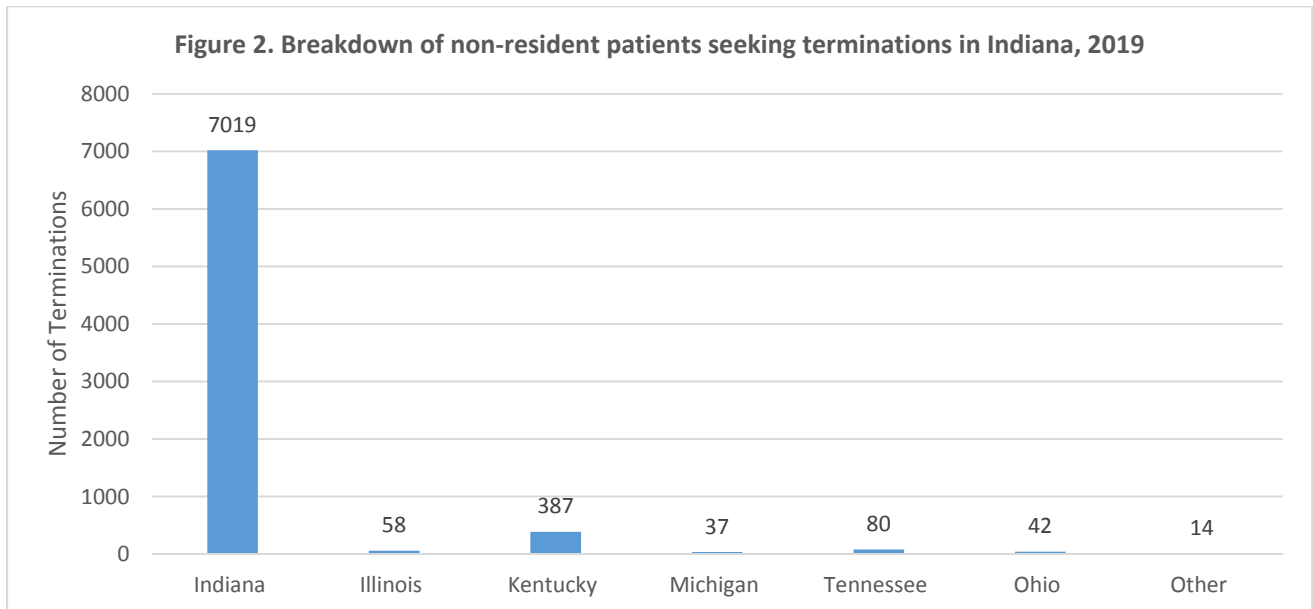
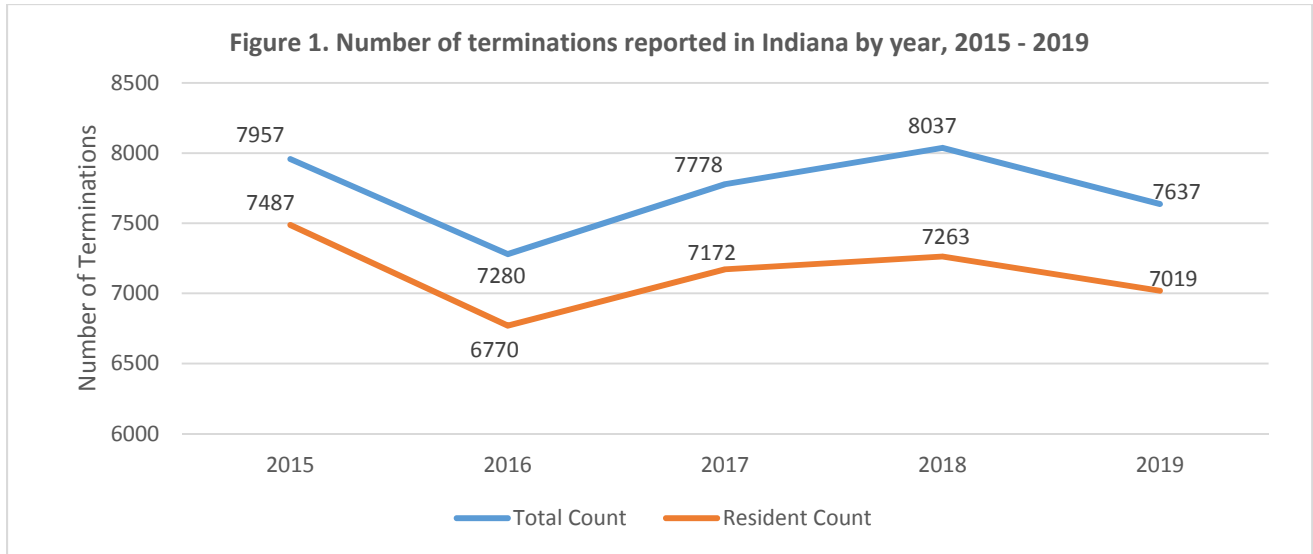
Analytic Procedures

Data was pulled from Gateway using SQL. To ensure data accuracy, the dataset was checked for potential errors and duplicates using patient identification number and date of termination. SAS Statistical Software was used to calculate counts and percentages. Graphs were made using Excel© 2013. The ISDH Epidemiology Resource Center generated a map of Indiana terminations by county of residence using ArcMap 10.5.1.

Results

Trends in Indiana

During calendar year 2019, providers reported 7,637 terminations to the ISDH. Of these, 7,019 (91.9%) were for Indiana residents [Figure 1]. Of the 618 who traveled to Indiana to seek termination services, the highest number traveled from Kentucky [Figure 2].



The rate of reported terminations of Indiana residents has remained relatively stable over the past five years [Table 1].

Year	Count	Population Est. †	Rate*
2015	7,487	1,280,845	5.8
2016	6,770	1,280,642	5.3
2017	7,172	1,281,676	5.6
2018	7,263	1,283,959	5.7
2019	7,019	1,286,913	5.5

†Population estimate of females aged 15-44 that were Indiana residents during specified year ⁵
 *Rate is per 1,000

Table 2 provides a monthly breakdown of the number of terminations among resident and non-resident women who received terminations in Indiana in 2019.

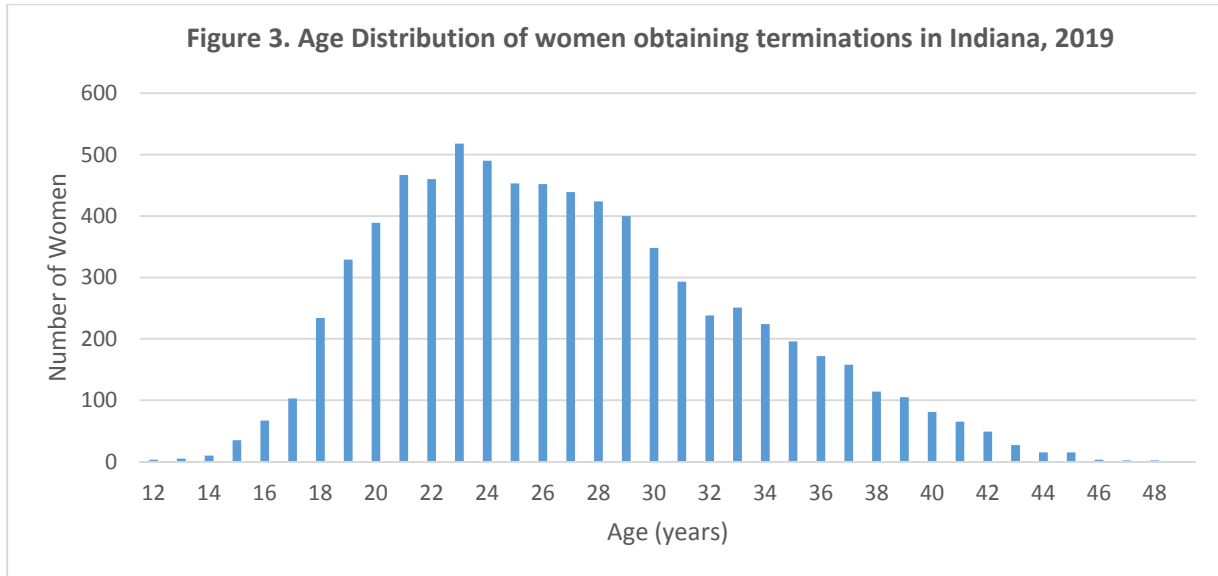
Month	IN Resident Terminations (n =7019)	Non-Resident Terminations (n =618)	Total Terminations (n =7637)
January	675 (8.84%)	61 (.80%)	736 (9.64%)
February	622 (8.14%)	72 (.94%)	694 (9.09%)
March	646 (8.46%)	86 (1.13%)	732 (9.58%)
April	578 (7.57%)	71 (.93%)	649 (8.50%)
May	668 (8.75%)	71 (.93%)	739 (9.68%)
June	504 (6.60%)	42 (.55%)	546 (7.15%)
July	561 (7.35%)	39 (.51%)	600 (7.86%)
August	634 (8.30%)	39 (.51%)	673 (8.81%)
September	468 (6.13%)	35 (.46%)	503 (6.59%)
October	556 (7.28%)	43 (.56%)	599 (7.84%)
November	596 (7.80%)	33 (.43%)	629 (8.24%)
December	511 (6.69%)	26 (.34%)	537 (7.03%)

Demographic Information of Women Receiving Terminations

Demographic information collected and analyzed for this report includes age, race, ethnicity, marital status, and education level of the women receiving terminations in Indiana in 2019.

Age [Figure 3, Table 3]

The age range for women receiving terminations in Indiana in 2019 was 12 to 49 years. The average age of a woman who obtained a termination was 26.8 years (SD = 6.19), with a median age of 26 years. Approximately 58.82% of terminations were performed for women aged 20-29 years. Adolescents, or patients under age 20, accounted for 786 (10.30%) of terminations in Indiana in 2019.



Age, years	Count (%)	Count of Live Births in 2019
12-14	18 (.24%)	30 (.04%)
15-17	205 (2.68%)	1052 (1.29%)
18-19	563 (7.37%)	3626 (4.44%)
20-24	2324 (30.43%)	19132 (23.43%)
25-29	2168 (28.39%)	26049 (31.90%)
30-34	1354 (17.73%)	20870 (25.56%)
35-39	745 (9.76%)	8966 (10.98%)
40-44	237 (3.19%)	1794 (2.20%)
≥ 45	23 (.30%)	128 (.16%)
Total	7637 (100%)	81,647 (100%)

Race and Ethnicity [Table 4]

More than half (53.10%) of the women receiving terminations reported their race as white, while nearly one-third (31.84%) identified their race as black or African-American. Women who identified as Hispanic or Latino accounted for 9.05% of terminations in 2019. Women who marked more than one race checkbox were classified under the multiple race category for this analysis.

Table 4. Race and Ethnicity of women obtaining terminations in Indiana, 2019	
Race	Count (%)
White	4055 (53.10%)
Black / African American	2432 (31.84%)
Asian	266 (3.48%)
American Indian / Alaska Native	14 (.18%)
Pacific Islander / Native Hawaiian	9 (.12%)
Multiple Races	67 (.87%)
Other	776 (10.16%)
Unknown	18 (.24%)
Total	7637 (100%)
Ethnicity	Count (%)
Non-Hispanic / Non-Latino	6909 (90.48%)
Hispanic / Latino	691 (9.05%)
Ethnicity Unknown	36 (.47%)
Total	(100%)

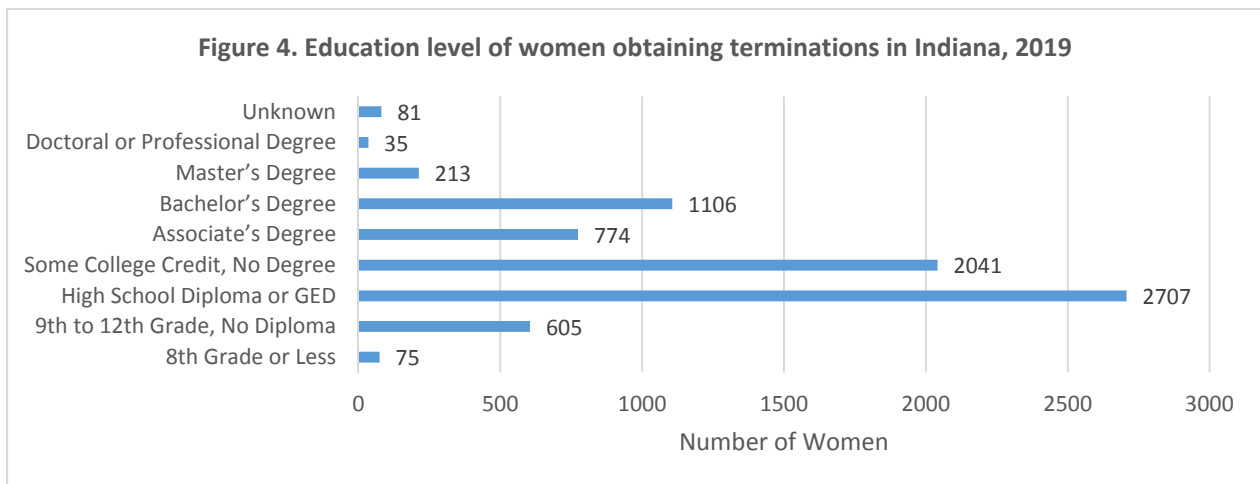
Educational Attainment and Marital Status

The majority of women seeking terminations in 2019 were unmarried. Only 1,094 (14.3%) were married at the time they sought an abortion [Table 5].

Marital Status	Count (%)
Unmarried	6543 (85.68%)
Married	1094 (14.32%)
Total	7637

The large majority (90.04%) of the women who sought terminations had at least a high school diploma or GED, and a little more than a quarter (27.86%) had at least an associate’s degree. A smaller percentage, 680 (8.90%), did not have a high school diploma or GED, although 223 (2.91%) of women seeking termination were school-aged, 12 to 17 years of age [Table 6, Figure 4].

Education Level	Count (%)
8th Grade or Less	75 (.98%)
9th to 12th Grade, No Diploma	605 (7.92%)
High School Diploma or GED	2707 (35.45%)
Some College Credit, No Degree	2041 (26.73%)
Associate’s Degree	774 (10.13%)
Bachelor’s Degree	1106 (14.48%)
Master’s Degree	213 (2.79%)
Doctoral or Professional Degree	35 (.46%)
Unknown	81 (1.06%)
Total	(100%)



Pregnancy History of Women Receiving Terminations [Table 7]

The number of previous pregnancies for a patient receiving a termination was calculated by totaling the values reported for previous live births of children still living, previous live births of children now deceased, previous spontaneous terminations (death of the fetus such as miscarriages or fetal deaths), and previous induced terminations.

Of the 7,637 women who had a terminated pregnancy in 2019, 4,588 (60.08%) indicated that they had previously had a live birth, 69 (.90%), indicated that they had previously had a live birth that is now deceased, 2,477 (32.43%) had terminated a previous pregnancy, and 1,405 (18.39%) previously experienced a spontaneous termination.

Table 7. Pregnancy history of women obtaining terminations in Indiana, 2019	
Pregnancy History	Count (%)
Previous Live Births Still Living	
0	3049 (39.92%)
1	1851 (24.24%)
2	1551 (20.31%)
≥3	1186 (15.53%)
Previous Live Births Now Deceased	
0	7568 (99.10%)
1	63 (.82%)
2	3 (.04%)
≥3	3 (.04%)
Termination History	Count (%)
Previous Spontaneous Terminations	
0	6232 (81.60%)
1	1067 (13.97%)
2	237 (3.10 %)
≥3	101 (1.33%)
Previous Induced Terminations	
0	5160 (67.57%)
1	1712 (22.42%)
2	539 (7.06%)
≥3	226 (2.94%)

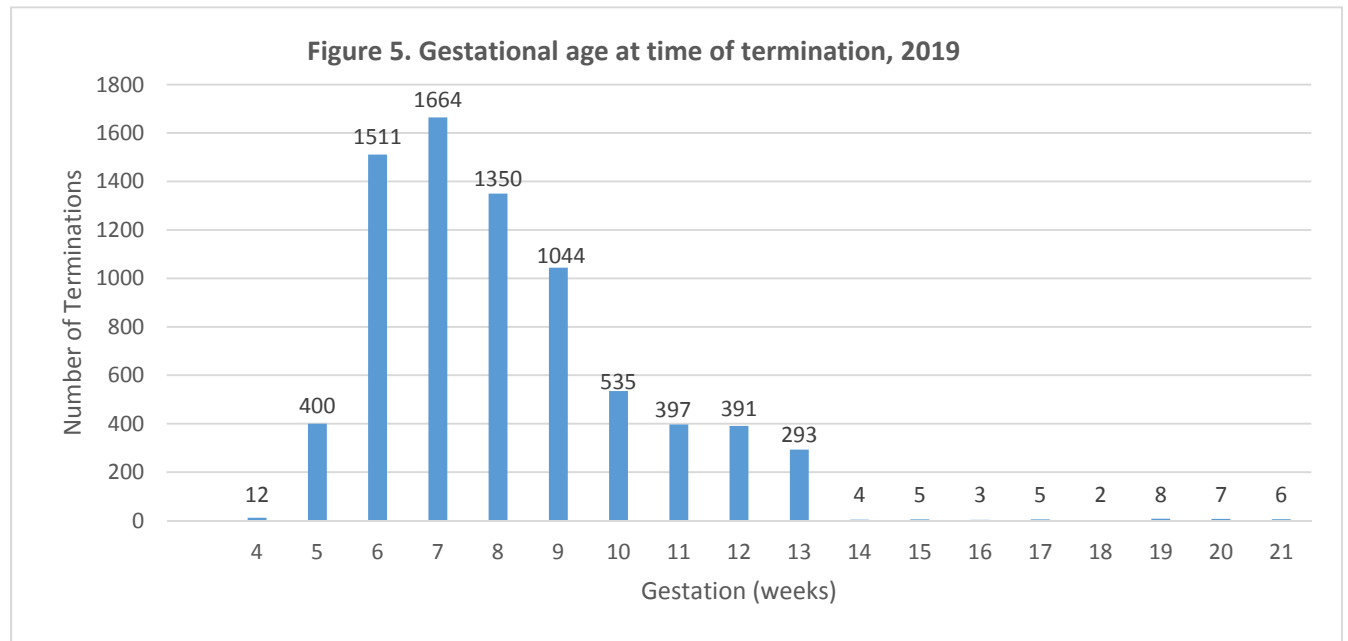
Medical Information of Women Receiving Terminations

Medical information analyzed and presented in this report includes the gestational age of the fetus at the time of termination, the procedure used to terminate a pregnancy, and the facility type where the termination occurred.

Estimated Gestational Age [Table 8, Figure 5]

Physicians report estimated gestation and post-fertilization age on all reports. The Indiana Code states that post-fertilization age be used as the legal metric for fetal age; however, gestational age is used for analysis. More than half (59.25%) of all terminated pregnancies occurred during weeks 6-8 gestation. Terminations that occurred at 14 weeks' gestation or greater occurred at an acute care hospital.

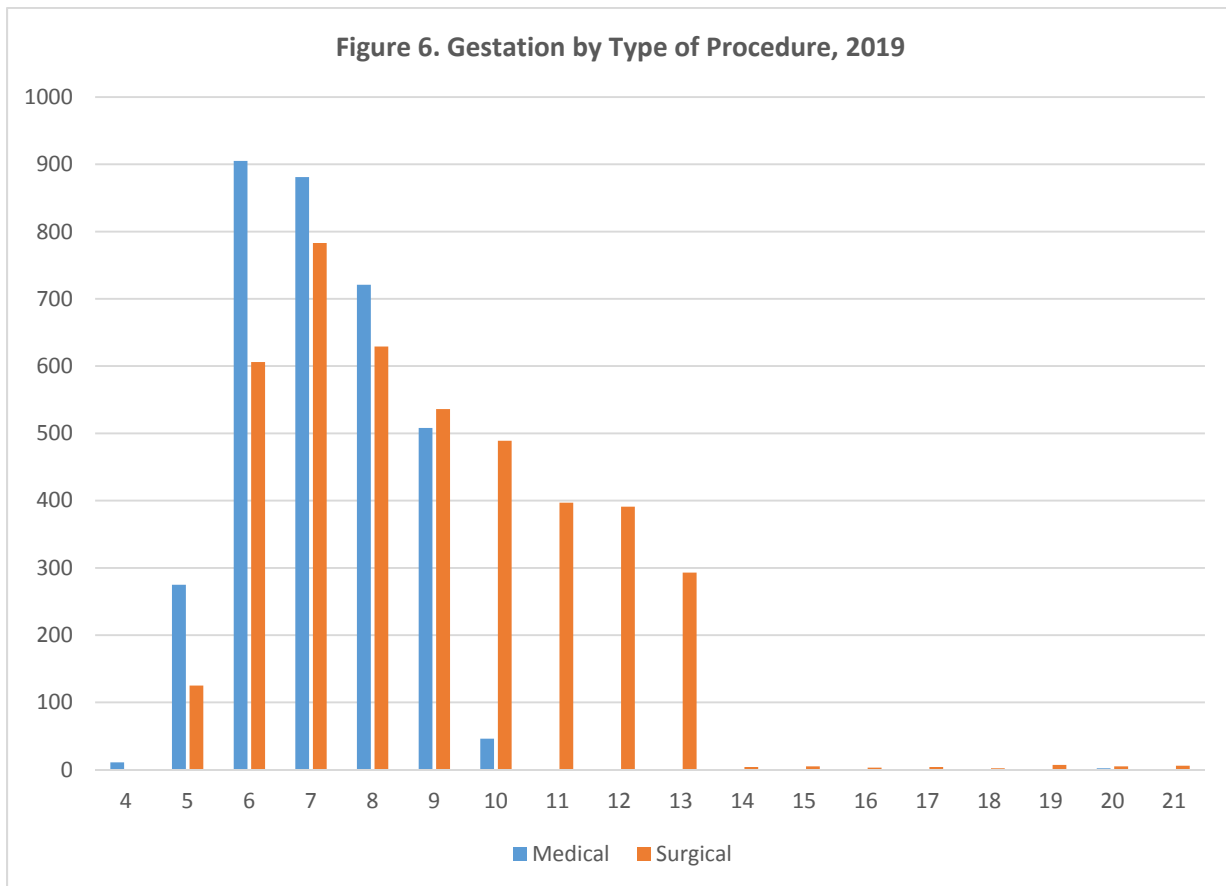
≤8 weeks	4937 (64.64%)
9-13 weeks	2660 (34.83%)
14-20 weeks	34 (.45%)
≥21 weeks	6 (.08%)



Procedure Type

Terminated pregnancies are classified as either medical (nonsurgical) or surgical. Surgical procedures were more common than non-surgical procedures and accounted for 4,286 (56%) of terminations. The most common surgical procedure was suction curettage. Mifepristone and Misoprostol were used for all nonsurgical procedures in 2019, accounting for 3,351 (44%) of terminations. Of the 7,637 women who had a terminated pregnancy in 2019, 50 had an unsuccessful first attempt and had to return to the facility for an additional procedure.

Figure 6 shows the reported distribution of terminations by gestational age classified as either medical or surgical.



Procedure Type by Facility

Table 9 provides a breakdown of the number of terminations performed by each reporting facility in 2019.

Table 9. Terminations reported in Indiana by facility, 2019				
Facility Type	Facility	Medical (Mifepristone and Misoprostol)	Surgical (Suction Curettage, Menstrual Aspiration, D&E, Other)	Total
Abortion Clinic	Planned Parenthood of Merrillville	285 (3.73%)	709 (9.28%)	994 (13.01%)
	Planned Parenthood of Lafayette	20 (.26%)	0	20 (.26%)
	Planned Parenthood of Bloomington	379 (4.96%)	437 (5.72%)	816 (10.68%)
	Planned Parenthood of Indianapolis	1,212 (15.87%)	1372 (17.97%)	2,584 (33.84%)
	Clinic for Women	546 (7.15%)	733 (9.60%)	1,279 (16.75%)
	The Women's Med Center of Indianapolis	766 (10.03%)	988 (12.94%)	1,754 (22.97%)
	Whole Women's Health of South Bend	138 (1.81%)	0	138 (1.81%)
Acute Care Hospital	Sidney & Lois Eskenazi Hospital	1 (.01%)	33 (.43%)	34 (.44%)
	Indiana University Health North Hospital	0	1 (.01%)	1 (.01%)
	Indiana University Health Methodist	4 (.05%)	13 (.17%)	17 (.22%)

Complications

Terminations in 2019 resulted in no fetuses being delivered alive and no reported maternal deaths. Of the 7,637 women who had a terminated pregnancy, 50 women retained products of conception or had an unsuccessful first attempt and had to return to the facility for an additional procedure. All 50 of those women received surgical procedures in their follow-up appointments.

Other complication categories include hemorrhage, infection, uterine perforation, cervical laceration, retained products, other (specify), and none. Complications in one or more of these categories were experienced by 45 patients.

Geographic Information of Women Receiving Terminations

Terminated pregnancy reports include information on the county where the termination was performed and the state and county of the woman’s residence. Indiana has 92 counties, and residents from almost every county received terminations [Table 12]. Because of where clinics and acute care hospitals are located, procedures were performed in only five counties: Lake, Marion, Monroe, St. Joseph, and Tippecanoe. The majority occurred in Marion County, which accounted for 74.23% of all terminations in Indiana for 2019. [Table 10]

County of Termination	Total Count (%)
Lake	994 (13.02%)
Marion	5669 (74.23%)
Monroe	816 (10.68%)
St. Joseph	138 (1.81%)
Tippecanoe	20 (.26%)
Total	7637

Table 11 shows by facility where all terminations were performed in 2019.

Facility Type	Facility	County	Total Count (%)	IN Resident Count (%)
Abortion Clinic	Planned Parenthood of Merrillville	Lake	994 (13.02%)	929 (12.16%)
	Planned Parenthood of Lafayette	Tippecanoe	20 (.26%)	20 (.26%)
	Planned Parenthood of Bloomington	Monroe	816 (10.68%)	665 (8.71%)
	Planned Parenthood of Indianapolis	Marion	2584 (33.84%)	2269 (29.71%)
	Clinic for Women	Marion	1279 (16.75%)	1260 (16.50%)
	The Women’s Med Center of Indianapolis	Marion	1754 (22.97%)	1697 (22.22%)
	Whole Women’s Health of South Bend	St. Joseph	138 (1.81%)	127 (1.66%)
Acute Care Hospital	Sidney & Lois Eskenazi Hospital	Marion	34 (.45%)	34 (.45%)
	Indiana University Health North Hospital	Marion	1 (.01%)	1 (.01%)
	Indiana University Health Methodist	Marion	17 (.22%)	17 (.22%)

County of Residence

In all, 7,637 terminations were performed in Indiana for 2019, with 7,019 of those obtained by Indiana residents. Table 12 and Map 1 show the number of residents by county who obtained terminations in 2019.

Table 12. Number of Indiana residents receiving terminations in Indiana by county of residence, 2019					
County of Residence	Count	County of Residence	Count	County of Residence	Count
Adams	13	Hendricks	143	Pike	8
Allen	321	Henry	21	Porter	126
Bartholomew	73	Howard	91	Posey	9
Benton	6	Huntington	16	Pulaski	7
Blackford	9	Jackson	38	Putnam	31
Boone	60	Jasper	32	Randolph	8
Brown	11	Jay	4	Ripley	6
Carroll	7	Jefferson	30	Rush	7
Cass	26	Jennings	16	Scott	8
Clark	26	Johnson	167	Shelby	33
Clay	20	Knox	11	Spencer	6
Clinton	23	Kosciusko	26	St. Joseph	189
Crawford	4	LaGrange	5	Starke	23
Daviess	17	Lake	470	Steuben	7
Dearborn	6	LaPorte	78	Sullivan	11
Decatur	12	Lawrence	30	Switzerland	0
DeKalb	5	Madison	147	Tipton	7
Delaware	125	Marion	2818	Tipton	7
Dubois	12	Marshall	31	Union	0
Elkhart	81	Martin	1	Vanderburgh	103
Fayette	11	Miami	19	Vermillion	5
Floyd	18	Monroe	212	Vigo	119
Fountain	8	Montgomery	30	Wabash	17
Franklin	1	Morgan	43	Warren	3
Fulton	6	Newton	13	Warrick	35
Gibson	10	Noble	14	Washington	8
Grant	79	Ohio	1	Wayne	33
Greene	20	Orange	19	Wells	7
Hamilton	302	Owen	14	White	15
Hancock	61	Parke	8	Whitley	15
Harrison	10	Perry	1	Total	7019

Limitations

This report has some limitations. Demographic and pregnancy history are reported by the patients, so the information is subject to bias, or error. Additionally, patients who required a second procedure to complete the termination may have reported the second procedure as a new record, or visited a different facility to complete the procedure; either scenario would lead to a false increase in the number of terminations reported to the ISDH. The number could also be falsely inflated if a patient had an incomplete procedure but ultimately chose to give birth because the reported termination would have been incomplete. Finally, the analyzed data has been taken only from reported terminated pregnancies, and thus necessarily excludes data for terminations that may have occurred but were not reported.

Appendix: (Gateway) Terminated Pregnancy Reporting System

IVER - Terminated Pregnancy
submit | save | cancel

Facility *

If the facility name or address are incorrect, please contact the Electronic Registrar Helpdesk at 317-233-7589.

Patient's Age

Married

 Yes No

Date of Termination *

Education

Race

 American Indian or Alaska Native Asian Black or African American
 Native Hawaiian or Pacific Islander White Other
 Unknown

Ethnicity

 Hispanic or Latino
 Not Hispanic or Latino
 Unknown

Live Births

Number now living:

Number now deceased:

Other Terminations

Spontaneous Terminations:

Induced Terminations:

Previous Termination Dates

1) - Unknown 3) - Unknown 5) - Unknown
 2) - Unknown 4) - Unknown 6) - Unknown

Fetus delivered alive?

 Yes No

Fetus viable?

 Yes No

Pathological exam?

 Yes No

Type of Termination Procedures

Procedure that Terminated Pregnancy:

Additional Procedure used for this Termination

List any preexisting medical conditions that may complicate the abortion

Complication(s) of Termination (check all that apply)

 None Uterine Perforation
 Hemorrhage Cervical Laceration
 Infection Retained Products
 Other

Did this termination of pregnancy result in a maternal death?

 Yes No

Date last normal menses began

 - Unknown

Physician estimate of gestation

 (in weeks)

Pocifertilization age of the fetus

 (in weeks)

How were the gestational age and pocifertilization age determined?

Was a waiver of consent obtained?

 Yes No

Was a waiver of notification obtained?

 Yes No

Is the patient seeking an abortion as a result of being any of the following? (check all that apply) Abused Coerced Harassed Trafficked

Physician *

Patient

Identification Number:

State of Residence:

County of Residence:

Zip Code:

Father

Name: Unknown

Age: Approximate

Date Submitted:

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- 4) Indiana Code. Retrieved from <http://iga.in.gov/legislative/laws/2019/ic/titles/016#16-34>
- 5) Population Projections, United States, 2004 - 2030, by state, age and sex, on CDC WONDER Online Database, September 2005. Accessed at <http://wonder.cdc.gov/population-projections.html>