

Abortions in Arizona

2016 Abortion Report

7/22/2017



Health and Wellness for all Arizonans

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MISSION

To promote, protect, and improve the health and wellness of individuals and communities in Arizona.

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Executive Summary

This comprehensive annual statistical report provides abortion statistics and demographic characteristics of women obtaining abortions in Arizona as required by <u>Arizona Revised Statute §36-2163</u>. Included are data compiled from reports of abortions, complications resulting from an abortion, and petitions compiled and processed by the Arizona Administrative Office of the Courts authorizing an abortion to unemancipated minors (<u>A.R.S. §36-2163 Subsection C</u>). Data are collected through a secure, web-based reporting system and compiled on a calendar year basis. Facilities and providers submit abortion procedure (<u>A.R.S. §36-2161</u>) and complication reports (<u>A.R.S. §36-2162</u>) to the Arizona Department of Health Services on a monthly basis. During the 2015 reporting year, the Department enacted new rules (R9-10-119) mandating that all abortion reports include additional detail describing the final disposition of fetal tissue from the abortion. The reporting rule took effect on August 16, 2015.

During the 2016 reporting year the total number of reported abortions performed in Arizona was 13,332 compared to 12,655 in 2015. Nearly ninety-nine percent (98.8%, n = 13,170) of abortions performed within Arizona were to resident women ("resident" refers to valid resident status within Arizona), of these, 13,089 were women between the ages of 15 and 44 years. Resident women between the ages of 20 and 29 comprised 58.3 percent of all abortions to resident women (see Table 2). Unmarried resident women represented about 87.0 % of women obtaining abortions (see Figure2).

Compared to 2015, the 2016 abortion rate increased for all age groups. Surgical abortion procedures were used to perform approximately 66.4 percent (n = 8,752) of reported resident abortions (see Table 6). The percent of resident women who received non-surgical abortions increased to 33.5 percent (n = 4,412 see Table 6) in 2016.

The number of abortions due to maternal and fetal medical conditions decreased in 2016 (see Tables 7 and 8). About fifty-six percent of abortions performed due to *maternal medical conditions* were performed at gestational ages 14 to 20 weeks, and the highest proportion of abortions in this category were performed on resident women aged between 25-29 years. Over fifty-six percent of abortions performed due to *fetal medical conditions* were performed at gestational age between 14 and 20 weeks, the greatest number on resident women 35 and over.

During the 2016 reporting year hospitals and clinics reported 33 resident women who experienced complications resulting from an abortion (see Table 12). Of these, the majority resulted from abortions performed at gestational ages of 13 or fewer weeks (72.7%, n = 24).

The Arizona Administrative Office of the Courts reported a total of 33 petitions filed during the 2016 reporting year. Of those, 28 orders authorizing an abortion without parental consent were issued to unemancipated minors (see Table 14).

Introduction

1.1 Overview of the Arizona Abortion Reporting Requirements

Arizona abortion surveillance facilitates ADHS' ability to monitor long-term changes in the overall incidence of abortion in Arizona, complications associated with abortion procedures, and pregnancy-related program development and evaluation.

Beginning July 1976, state licensed providers of abortion services voluntarily reported basic information about abortions and complications associated with abortions in accordance with Arizona Administrative Code, R9-19-302D, authorized by Arizona Revised Statute 36-344. ADHS sent routine reminders and provided a standard reporting format. The data are used to create tables for the annual Arizona Health Status and Vital Statistics report¹ and improved the estimation of total pregnancies and pregnancy outcomes.

The enactment of SB1304 in 2010 established a statutory requirement to report abortions and treatment of complications associated with abortions. The *Arizona Abortion Report, 2010* was the transitional report containing a combination of data collected prior to and after the establishment of the law. Beginning July 29, 2010, abortion data is reported using a secure, web-based reporting system. The reporting system was designed to meet the statutory requirements. Reports submitted using the web-based system do not include personally identifiable information (i.e., name, address, birthdate, social security number, etc.) and are submitted by password-authenticated personnel only. The ADHS provides training to all known providers within the state and maintains an *Abortion Reporting* website for provider assistance and related resources. In addition to licensed practitioners, hospitals, and clinics, the statute requires the Arizona Administrative Office of the Courts to report the number of petitions filed with Arizona courts for authorization to perform an abortion on an unemancipated minor without parental consent (see also <u>A.R.S. §36-2152</u>, <u>subsections B and D</u>).

The *Abortions in Arizona, 2016* report is the result of six consecutive years of web-based abortion reporting. Statistics and information presented reflect abortion services provided within the state. Several data tables reflect year ranges relevant to trends in Arizona (i.e., 1 year, 5 years, and 10 years).

¹ ADHS, Arizona Health Status and Vital Statistics (HSVS) Report, See Section 1D.

^{1.} SB1304 State of Arizona Senate Forty-Ninth Legislature Second Regular Session 2010. http://www.azleg.gov/legtext/49leg/2r/bills/sb1304p.pdf

Methodology

Collection of accurate abortion data reveals the level of pregnancy terminations related to other pregnancy outcomes and preconception health/planning in a population. Abortion also relates to maternal morbidity and mortality. The statistics and information presented in this report result from statutory requirements established by <u>Arizona Revised Statutes §36-2163</u>. The term *abortion* replaces *induced termination of pregnancy* (ITOP) and *termination* where appropriate throughout this report. The term *resident* refers to legitimate resident status within Arizona as determined by patient's reported state and county of residence.

2.1. Data Sources

The primary data source for this report is the web-based reporting system for Arizona providers. The consolidated dataset includes procedure and complication reports. Reports submitted do not include personally identifiable information. Only authorized entities access and submit data through a secure password protected portal.

A second data source, the Arizona Administrative Office of the Courts, provides an aggregate data summary report which includes the number of petitions filed with Arizona courts for authorization to perform an abortion on an unemancipated minor as prescribed in <u>A.R.S. §36-2163</u>, <u>Subsection C.</u>

The third data source is the abortion reports received from other states for Arizona residents who obtained an abortion in a state other than Arizona. Although these reports are for Arizona residents, they are not included in the annual dataset because the procedure was not performed within Arizona. The reports are provided through the ADHS' Office of Vital Records and sent as a courtesy from other states.

2.2. Measures

Measures reported here are generally consistent with CDC categorizations and definitions. Aggregate abortion counts are reported for the following variables:

- Age in years of the woman ($<15, 15-19, 20-24, 25-29, 30-34, 35-39, 40-44, \ge 45$);
- Gestational age in weeks at the time of abortion (≤ 8 through ≥ 21 by individual week;
 ≤ 13, 14-20, and ≥ 21 weeks);
- Race (White, Black/African American, American Indian/Alaska Native, Asian/ Native Hawaiian/Pacific Islander, Multiple Race);
- Ethnicity (Hispanic or non-Hispanic);
- Method type (surgical, non-surgical/medication-induced);
- Marital status (married or unmarried);
- Number of previous live births $(0, 1, 2, or \ge 3)$;
- Number of previous abortions (0, 1, 2, or ≥3);
- · Maternal residence (state, Arizona county of residence, border and non-border region).

Important measures for abortions are: a) the total number (count) of abortions in a given population, b) the percentage (proportion) of abortions within a given population, c) the abortion rate (number of abortions per 1,000 women aged 15–44 years), and d) the abortion ratio (number of abortions per 1,000 live births within a given population).¹

Total counts and percentages provide an overview of abortions while abortion rates are more useful measures as they adjust for differences in sub-populations and sub-population size. Abortion ratios reflect the relative number of pregnancies in a population that end in abortion compared to live births. Abortion ratios are affected by the proportion of unplanned pregnancies in a population and specifically those ending in abortion.¹

The U.S. Census Bureau and the Arizona Department of Public Health Statistics population estimates (obtained from the State of Arizona Office of Economic Opportunity) were used as the denominator for calculating abortion rates. Overall abortion rates were calculated from the population of women aged 15 – 44 years. To calculate abortion ratios, live birth data were obtained from the ADHS Office of Vital Records natality files.

The variables for race and ethnicity are based on specifications established by the Federal Office of Management and Budget (OMB) and the Arizona State Demographer with specifications developed by ADHS Vital Statistics. Consistent with OMB methodology,² the web-based reporting system allows for multiple race categorizations consistent with U.S. Census enumerations. For instance, women obtaining abortions were asked to provide their ethnicity (i.e., Hispanic or Latino and/or Non-Hispanic or non-Latino) and race according to five standard race categories (i.e. White, Black/African American, American Indian/Alaska Native, Asian/Native Hawaiian/Pacific Islander). Additionally, if one of the OMB categories does not apply, selecting "Other" allows providers to input specific race designations.

^{1.} Extracted from Centers for Disease Control and Prevention. Abortion Surveillance — United States, 2011. MMWR 2014;63(11):1-41. Digital version available at: http://www.cdc.gov/mmwr/preview/mmwrhtml/ss6311a1.htm?scid=ss6311a1 w

^{2.} Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity: Federal Register Notice. Retrieved from http://www.whitehouse.gov/omb/fedreg 1997standards/ accessed on July 16, 2012.

A multiple race category was added to enumerate women who identify with more than one race. The selection of more than one race resulted in numerous combinations. Collecting multiple race posed a challenge resulting in an accumulation of approximately 32 percent of abortion records containing multiple race designations.

As denominators for multiple races are not readily available, utilizing multiple race and ethnicity categories complicates estimation of abortion rates for groups who report multiple races.³ To meet the requirements of OMB reporting standards for compiling statistics on these sub-groups, records designating ethnicity as Hispanic or Latino, irrespective of race, were reported as Hispanic. When single race and ethnicity were reported, those categories were included and when multiple races were reported, multiple races were coded to a single "multiple race" category.

An examination of characteristics of women obtaining abortions by border region is included in this report. Arizona encompasses several federally recognized sovereign American Indian nations and shares its southern border with Mexico. For the purpose of this report, women reporting their county of residence as Cochise, Pima, Santa Cruz, and Yuma (which comprises the United States and Mexico border region) were categorized as "border region". This is consistent with the U.S. Mexico Border Health Commission⁴ definition. The remaining counties are considered "non-border region".

2.3. Analytic Procedures

Where applicable, both univariate and bivariate statistics are presented. Counts, percentages, and rates were calculated using SAS statistical software. Cell suppression was applied to categories with non-zero counts fewer than six (6). While abortion rates in general are reported for women of child-bearing age (15 − 44 years), age-specific rates were estimated using U.S. Census and Arizona Vital Statistics population denominators for age-groups ≤ 14 years, 15–17 years, 18–19 years, 20–24 years, 25–29 years, 30–34 years, 35–39 years, and 40–44 years.

^{3.} Abortion rate is essentially denoted as number of abortions per 1,000 women. Race specific abortion rates are obtained by estimating the number of abortions (numerator) by women in a given racial group per 1,000 women in that same racial group.

^{4.} United States-México Border Health Commission. Border Region. Available at: http://www.borderhealth.org/border region.php. Website. Accessed on July 16, 2012.

Results

A total of 19 facilities reported data for calendar year 2016. During this period, there were a total of 13,332 abortions reported in Arizona of which 13,170 were to Arizona residents. The total number of reported abortions to Arizona resident women between the ages of 15 and 44 years was 13,088. The percent increase in total abortions from 2015 (n = 12,655) was 5.3 percent. Table 2 provides an overview of abortions by month of termination, residence and non-residence status, and the number of resident live births in those months. Consistently since 2011, the highest number of abortions performed and the highest abortion ratio were reported in March.

Table 1. Abortions, live births, and abortion ratios by month and resident status, 2016

Month	Non-resident abortions (N = 160†)	Resident abortions (N = 13,170)	Resident live births (N = 84,404)	Abortion ratio ^a
January	7	1,128	7,053	160
February	*	1,037	6,729	154
March	6	1,424	6,830	208
April	7	1,222	6,558	186
May	17	1,329	6,724	198
June	25	1,045	6,754	155
July	11	1,118	7,045	159
August	14	940	7,711	122
September	23	1,098	7,687	143
October	22	928	7,192	129
November	15	902	6,898	131
December	11	999	7,223	138
Total	160 [†]	13,170	84,404	156

Notes: * Cell suppressed due to non-zero count less than 6; \dagger Sum rounded to nearest tens unit due to non-zero addend less than 6; a Abortion ratio is the number of abortions per 1,000 live births.

The overall abortion ratio increased from 147 abortions per 1,000 live births in 2015 to 156 in 2016. The overall abortion rate for calendar year 2016 was 10.0 per 1,000 women of child-bearing age (15 – 44 years; see Figure 1).

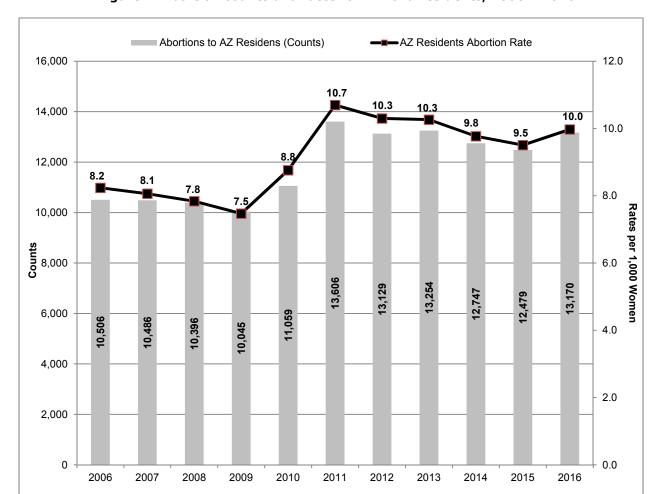


Figure 1. Abortion counts and rates for Arizona residents, 2006 - 2016

3.1. Characteristics of Women Receiving Abortions in Arizona

Characteristics described in this section examine age, race and ethnicity, marital status, and education of women obtaining abortions in Arizona. Also, included are descriptions of pregnancy history (i.e. previous pregnancies, live births, abortions, and spontaneous abortions), and the method used for abortion (i.e. surgical or non-surgical).

Age

Maternal age is a critical element in determining maternal and child health. The age range for resident women receiving abortions was 10 to 52 years. The average age of resident women who received an abortion was 27 years (SD=6.3 years). Abortions occurring among females younger than 15 years of age increased 24% from 2015 to 2016. About 68% of abortions were to resident women younger than 30 years of age. Abortions were less frequent among women in the youngest (<15 years; 0.2%) and oldest (\geq 45 years; 0.3%) age groups.

Table 2. Age-distribution of resident women receiving abortions in Arizona, 2016

Age distribution	AZ resident (N = 13,170)			
	Count	Percent		
< 15 years	31	0.2		
15 - 17 years	277	2.1		
18 - 19 years	989	7.5		
20 - 24 years	4,046	30.7		
25 - 29 years	3,634	27.6		
30 - 34 years	2,310	17.5		
35 - 39 years	1,361	10.3		
40 - 44 years	472	3.6		
≥ 45 years	43	0.3		
Unknown	7	0.1		
Total	13,170	100.0		

Notes: * Cell suppressed due to non-zero count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6.

The following page presents abortions reported among residents by year and age group from 2011–2016. The percentage of abortions among women less than 15 years of age showed a 21.3 percent increase from 2015 to 2016. A decline in the percentage of abortions to women less than 15 years of age is most evident during the six year period (-32.5 %). The percentage of abortions among women 15 to 19 years of age decreased from 12.76 percent in 2011 to 9.61 percent in 2016, a 24.7 percent decline. The proportion of abortions among women 20-24 years of age decreased by 4.7 percent from 2011 – 2016, while only a decrease of 2.6 percent was noted among women aged 40 years or older. The proportion of abortions for all remaining age-groups increased from 2011 to 2016, the greatest among women ages 30 to 34 years.

Table 3. Proportions, rates, and ratios of abortions by age group, Arizona residents, 2011 - 2016

	Year					% Ch	ange	
Age in years	2011	2012	2013	2014	2015	2016	2015 to 2016	2011 to 2016
Percent of abortions ^a								
<15 yrs	0.36	0.37	0.15	0.17	0.20	0.24	21.3	-32.5
15-19 yrs	12.76	11.36	10.72	9.63	9.33	9.61	3.1	-24.7
20-24 yrs	32.24	32.91	32.47	32.76	31.17	30.72	-1.4	-4.7
25-29 yrs	25.19	24.99	25.44	26.23	27.05	27.59	2.0	9.5
30-34 yrs	15.82	16.61	17.56	16.77	17.55	17.54	-0.1	10.8
35-39 yrs	9.61	9.52	9.91	10.16	10.61	10.33	-2.6	7.5
≥ 40 yrs	4.01	4.23	3.74	4.28	4.06	3.91	-3.8	-2.6
Abortion rates ^b								
<15 yrs	0.22	0.22	0.09	0.10	0.11	0.14	28.2	-35.8
15-19 yrs	7.69	6.56	6.21	5.57	5.24	5.62	7.3	-26.8
20-24 yrs	20.45	20.02	19.40	17.76	16.41	17.22	4.9	-15.8
25-29 yrs	15.87	15.57	16.19	15.70	15.46	16.20	4.7	2.1
30-34 yrs	10.45	10.32	10.84	9.88	10.04	10.60	5.6	1.4
35-39 yrs	6.32	6.23	6.48	6.37	6.41	6.49	1.3	2.7
≥ 40 yrs	2.70	2.66	2.36	2.59	2.41	2.47	2.5	-8.6
Abortion ratio ^c								
<15 yrs	485	716	282	478	610	574	-6	18
15-19 yrs	208	185	199	187	199	237	19	14
20-24 yrs	202	200	201	196	190	205	8	1
25-29 yrs	141	134	137	133	134	143	7	1
30-34 yrs	111	109	117	101	105	108	3	-3
35-39 yrs	143	136	140	128	131	133	2	-7
≥ 40 yrs	245	244	221	237	213	223	5	-9

Notes: ^a Proportion of total abortions by age group represented as a percentage. Percentages are calculated using the total number of abortions as the denominator and the number of reported abortions for a specific age-group as the numerator. Percents do not add up to a 100 due to rounding errors as well as unknown age-categories in some reporting years.

Abortion rates (the number of abortions per 1,000 women in a given age group) for women less than 15 years of age declined 35.8 percent from 2011 – 2016, the greatest decline of any age group during the time period, followed by the abortion rate for women 15 to 19 years (26.8 percent). Similarly, the abortion rate for women 20 to 24 years of age declined from 20.4 percent in 2011 to 17.2 percent in 2016, a 15.8 percent decrease. From 2011 to 2016, the abortion rate decreased for all women, except for women in age groups comprising 25 to 39 years.

As noted earlier, the *abortion ratio* is a comparison of abortions and live births and is expressed as the number of abortions per 1,000 live births. As indicated in Table 3, the abortion ratio for women less than 15 years of age dramatically increased from 485 abortions per 1,000 live births in 2011 to 574 abortions per 1,000 live births in 2016, (the high ratio is due to the small number of live births to females in this age group and may vary widely due to the number of births). From 2011-2016, the abortion ratio decreased for women in all the older age groups, the largest among women aged 40 years or older.

^b Number of abortions obtained by women in a given age group per 1,000 women in that same age group. Females aged 10-14 years were used as the denominator for the group of females aged <15 years and women aged 40-44 years were used as the denominator for the group of women aged \geq 40 years.

^c Number of abortions obtained by women in a given age group per 1,000 live births to women in that same age group.

Race and Ethnicity

Among resident women obtaining abortions, about 1.85 percent were identified as being multiple race (n = 244). In approximately 4 percent of cases (n = 581), race was categorized as "Unknown". Approximately 40 percent of the 13,170 abortions were among non-Hispanic White women (n = 5,321), followed by approximately 37 percent for Hispanic women (n = 4,823). From 2015 to 2016, abortions among Black/African American women accounted for 9.5 percent (n =1,253) of reported abortions, followed by Asian or Pacific Island women (n = 608), and American Indian women (n = 340).

The table below provides an overview of abortion trends from 2011 to 2016 by mother's race and ethnicity. In general, abortions to Hispanic and/or Latino women remained similar throughout this time period. However, some of the figures specific to race and ethnicity changed dramatically, reaching their lowest point during the years 2011 to 2013. This can be explained by the shift in the proportion of abortions accounted for by the different single race/ethnicity group, the decline in pregnancy rates and changes in the number of women of reproductive ages within those groups.

Table 4. Proportions, rates, and ratios of abortions by race and ethnicity,
Arizona residents, 2011 – 2016

D /=: ::			Ye	ar		
Race/Ethnicity	2011	2012	2013	2014 ^d	2015	2016
Percent of abortions ^a						
White non-Hispanic	17.53	14.50	18.98	43.63	43.10	40.40
Hispanic or Latino	31.41	25.84	31.61	35.29	34.86	36.62
Black or African American	1.07	0.88	1.43	7.70	8.61	9.51
American Indian or Alaska Native	0.35	0.29	0.46	2.28	2.65	2.58
Asian or Pacific Islander	0.35	0.57	0.83	4.19	4.26	4.62
Multiple races	32.65	22.74	32.12	2.83	1.40	1.85
Unknown	16.65	35.17	14.58	4.07	5.12	4.41
Abortion rates ^b						
White non-Hispanic	3.67	2.89	3.82	8.60	8.34	8.32
Hispanic or Latino	9.95	7.66	9.25	10.57	9.07	9.90
Black or African American	2.48	2.02	3.24	12.81	16.32	18.36
American Indian or Alaska Native	0.58	0.55	0.88	3.37	5.10	5.20
Asian or Pacific Islander	0.92	1.57	2.27	8.47	9.18	10.13
Multiple races	NA	NA	NA	NA	NA	NA
Unknown	NA	NA	NA	NA	NA	NA
Abortion ratio ^c						
White non-Hispanic	62	49	66	139	141	141
Hispanic or Latino	132	102	127	133	127	142
Black or African American	33	25	40	217	246	286
American Indian or Alaska Native	8	7	11	57	66	68
Asian or Pacific Islander	13	21	32	169	164	181
Multiple races	NA	NA	NA	NA	NA	NA
Unknown	NA	NA	NA	NA	NA	NA

Notes: ^a Proportion of total resident abortions by ethnicity and/or race represented as a percentage. Percentages are calculated using the total number of reported resident abortions as the denominator and the number of reported resident abortions for a specific ethnicity and/or race as the numerator. Percents may not add up to a 100 due to rounding errors, multiple race and unknown ethnicity/race categories.

^b Calculated using the number of abortions in a given race and/or ethnic group divided by female population aged 15-44 per 1,000.

Marital Status

In 2016, 13.0 percent (n = 1,712 of resident women obtaining abortions were reported as married. Figure 2 displays the distribution of abortions among Arizona resident women from 2011 to 2015 by marital status. Between 2011 and 2016 the percent of abortions performed on married and unmarried women showed uncharacteristic variation in women with "Unknown" marital status; a deviation attributable to incomplete reporting. New reporting requirements for marital status in the electronic reporting system were recently implemented to correct this. The percent of abortions among unmarried women remained the highest during this reporting period.

□Married ■Unmarried ■Unknown 100.0% 5.0% 90.0% 23.0% 80.0% 40.6% 70.0% 60.0% 81.1% 79.6% 87.0% 79.8% 50.0% 64.4% 40.0% 49.6% 30.0% 20.0% 10.0% 17.0% 15.9% 15.3% 13.0% 12.6% 9.8% 0.0% 2011 (n=13606) 2013 (n=13,254) 2014 (n=12,747) 2016 (n=13,170) 2012 (n=13,129) 2015 (n=12,479)

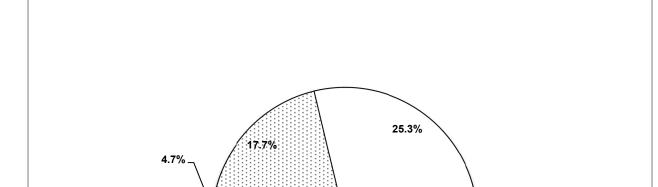
Figure 2. Marital status of resident women receiving abortions, 2011 - 2016

^c Calculated using the number of abortions in a given race and/or ethnic group per 1,000 live births to women in the same group.

^d Beginning 2011, rates and ratios should be interpreted with caution due to the addition of the Multiple Race and Unknown categories. Single race selections are the best estimates for rates and ratios.

Education

Figure 3 displays the distribution of educational attainment reported for Arizona resident women obtaining abortions in 2016. The largest proportion reported an "Unknown" education status (\sim 46%), this is a 13.6 percent decrease from 2015. Approximately 25 percent (n = 3326) of women obtaining an abortion in 2016 completed 13 to 16 years of education, followed by approximately 18 percent (n = 2,334) of women who had attained 12 years of education. Women with less than a high school education accounted for 4.71 percent of women obtaining abortions in 2016.



46.5%

Figure 3. Educational status of resident women receiving abortions, 2016

✓ 8 Years Education (n=236)
☑ 9-11 Years Education (n=620)
☐ 13-16 Years Education (n=3326)
☐ Unknown (n=6128)

0.4%

1.8%

■8 Years Education (n=51)

□ 12 Years Education (n=2334)

3.6%

□>=17 Years Education (n=475)

Pregnancy History

Pregnancy history compiles the previous number of pregnancies, live births, abortions, and spontaneous abortions. Collecting previous pregnancy history data provides an overview of the potential risk of future pregnancy outcomes and informs preconception program development.

The previous number of pregnancies, live births, abortions, and spontaneous abortions are presented below. Among resident women who received abortions in 2016, over one-third (~36%) had three or more previous pregnancies and approximately 15 percent had three or more previous live births.

Table 5. Pregnancy history of resident women receiving abortions in Arizona, 2016

Pregnancy history	Count (N = 13,170)	Percent					
Number of previous pregnancies							
0	3,215	24.4					
1	2,809	21.3					
2	2,312	17.6					
3 or more	4,790	36.4					
Unknown	44	0.3					
Number of previous live births							
0	5,586	42.4					
1	2,972	22.6					
2	2,504	19.0					
3 or more	2,066	15.7					
Unknown	42	0.3					
Previous abortions							
0	8,177	62.1					
1	3,357	25.5					
2	1,028	7.8					
3 or more	528	4.0					
Unknown	80	0.6					
Previous spontaneous abortions							
0	10,462	79.4					
1	2,031	15.4					
2	420	3.2					
3 or more	162	1.3					
Unknown	95	0.7					

Additionally, of resident women obtaining abortions during 2016, approximately 11 percent had two or more previous abortions and approximately 4 percent had two or more previous spontaneous abortions. These numbers remained stable from 2015 to 2016.

Among resident women who had abortions in 2016, 6,918 (\sim 53%) had neither a previous abortion nor a spontaneous abortion (data not shown). Approximately 10 percent (n = 1,341) had at least one or more previous abortions and had one or more previous spontaneous abortions. Further, 9.5 percent (n = 1,253) had a previous spontaneous abortion but did not have a previous elective abortion, and about 27 percent (n = 3,544) had a previous abortion but did not have a previous spontaneous abortion.

Abortion Method

Of resident women who had abortions in 2016 (n = 13,170), approximately 66 percent (n = 8,752) had surgical procedures and approximately 34 percent (n = 4,412) had non-surgical procedures.

An overview of abortion method procedures reported in 2016 is shown below. Of the total surgical procedures reported for resident women, the most common procedure was vacuum (76.4%), followed by open approach via natural or artificial opening endoscopic/curettage (14.6%). Of the total number non-surgical (medication-induced) procedures reported, the most common was the combination of Mifepristone (Mifeprex) and Misoprostol (Cytotec) (99.3%).

Table 6. Method of abortion used by resident women in Arizona, 2016

Method	Count	Percent
Surgical procedures	(N = 8,750†)	
Open approach	*	**
Percutaneous approach	*	**
Endoscopic approach	7	0.1
Vacuum via natural or artifical opening	6,686	76.4
Laminaria	111	1.3
Abortifacient	667	7.6
Open approach via natural or artificial opening endoscopic/Curretage	1,274	14.6
Dilation and Evacuation	0	0.0
Other surgical abortion procedure	*	**
Non-surgical procedures	(N = 4,410†)	
Mifepristone (Mifeprex) and Misoprostol (Cytotec)	4,381	99.3
Misoprostol (Cytotec)	28	0.6
Methotrexate and Misoprostol (Cytotec)	*	**
Other and unknown procedures	*	**

Notes: * Cell suppressed due to non-zero count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6.

Below, the trends in surgical and non-surgical procedures are displayed during 2011 – 2016. Between 2011 and 2016, most abortion procedures performed on resident women were surgical. The proportion of non-surgical procedures decreased from 37.5 percent in 2011 to 33.5percent in 2016, reaching the lowest point (27.8 percent) in 2014.

□Surgical ■Non-surgical 100% 90% 28.1% 32.0% 32.0% 33.5% 37.5% 80% 70% 60% 50% 40% 72.2% 71.9% %0'89 %6.79 %9.99 30% 20% 10% 0% 2014 (n = 12,747) 2015 (n = 12,479) 2016 (n = 13,170) 2011 (n = 13,606) 2012 (n = 13,129) 2013 (n = 13,254)

Figure 4. Method of abortion among Arizona resident women, 2011 - 2016

Note: Due to cases of unknown method of abortion, total percent may not add to 100%.

Facility and Reason for Termination

Table 7 presents maternal characteristics and maternal medical conditions cited for obtaining an abortion. During 2016, 16 resident women obtained an abortion citing a medical condition as the reason for termination. The age range of women in this group was 19 to 40 years and older. Thirty-one percent of the procedures were performed on women between 25 and 29 years of age. The majority of these abortions (56.3%) occurred at gestational ages 14 to 20 weeks.

Table 8 on the following page presents maternal characteristics and fetal medical conditions cited as reasons for obtaining an abortion. Abortions due to fetal medical conditions were cited for 108 women, a 9.2 percent decrease from 2015 (n = 119). Most of these were related to birth defects. The age range of women in this group was 18 to 45 years and older, with the highest number of procedures to women 35-45 years or older. Approximately 56 percent (n = 61) of these procedures were performed between 14 and 20 weeks gestation.

Table 7. Maternal characteristics and maternal medical conditions cited for obtaining an abortion, Arizona residents, 2016

Maternal characteristics	Count (N = 20†)	Percent	
Age			
≤15-19 yrs	*	**	
20-24 yrs	*	**	
25-29 yrs	*	**	
30-34 yrs	*	**	
35-45+ yrs	*	**	
Gestational age			
≤13 weeks	*	**	
14 to 20 weeks	9	56.3	
21 weeks	*	**	
Unknown	0	0.0	
Maternal medical conditions			
Premature rupture of membranes	*	**	
Anatomical abnormality	*	**	
Chorioamnionitis	*	**	
HELLP or preeclampsia	*	**	
Other/unspecified	8	50.0	
Total	20†	100.0	

Notes: * Cell suppressed due to non-zero count less than 6; \dagger Sum rounded to nearest tens unit due to non-zero addend less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6.

Table 8. Maternal characteristics and fetal medical conditions cited for obtaining an abortion, Arizona residents, 2016

Maternal characteristics	Count (N = 110†)	Percent
Age		
≤15-19 yrs	*	**
20-24 yrs	13	12.0
25-29 yrs	18	16.7
30-34 yrs	33	30.6
35-45+ yrs	40	37.0
Gestational age		
≤ 13 weeks	18	16.7
14 to 20 weeks	61	56.5
≥ 21 weeks	29	26.9
Unknown	0	0.0
Fetal medical conditions		
Trisomy/Triploidy	45	41.7
Central nervous system anomalies	7	6.5
Multiple anomalies	10	9.3
Fetal demise	8	7.4
Cardiac defect	0	0.0
Oligohydramnios/Anhydramnios &	13	12.0
Urological Karyotype or genetic abnormality	0	0.0
Skeletal abnormality	6	5.6
Twin abnormality	6	5.6
Lethal anomalies	*	**
Other/unspecified	12	11.1
Total	110†	100.0

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6.

3.2. Abortions by Gestational Age

Some evidence suggests an association between gestational age and abortion-related mortality. An overview of the gestational age of the fetus at the time of abortion is reported below. The majority of abortions (66.8%) to resident women were performed at gestational ages 8 or fewer weeks. Ninety-six percent (96%; n = 12,587) of abortions to resident women were performed at gestational ages of 15 or fewer weeks. Approximately 31.9% of the abortions were performed at 6 weeks gestation, followed by just over one-fifth (20.5%) at seven weeks gestation, and approximately fifteen percent at eight weeks gestation. In 2016, abortions performed at gestational ages of 21 weeks or greater represented only 1.1 percent of the total abortions among Arizona residents, a proportion similar to the number reported for 2015.

Table 9. Gestational age at time of abortion, Arizona residents, 2016

Gestational age	Count (N = 13,170)	Percent	
≤ 8 weeks	8,793	66.8	
6 weeks	4,196	31.9	
7 weeks	2,706	20.5	
8 weeks	1,891	14.4	
9 to 13 weeks	3,325	25.2	
9 weeks	1,172	8.9	
10 weeks	805	6.1	
11 weeks	653	5.0	
12 weeks	339	2.6	
13 weeks	356	2.7	
14 to 15 weeks	469	3.6	
14 weeks	253	1.9	
15 weeks	216	1.6	
16 to 17 weeks	251	1.9	
16 weeks	139	1.1	
17 weeks	112	0.9	
18 to 20 weeks	181	1.4	
18 weeks	73	0.6	
19 weeks	58	0.4	
20 weeks	50	0.4	
≥ 21 weeks	139	1.1	
Unknown	12	NA	
Total	13,170	100.0	

Table 10 on the following page provides an overview of the association between gestational age and method of abortion. Regardless of gestational age, surgical procedures were the most utilized methods of abortion. Vacuum was the most commonly used surgical procedure performed at gestational ages of 13 or fewer weeks (n = 5,810,75.2%) and at 14 to 20 weeks of gestation, accounting for approximately 85.8 percent (n = 760).

Use of non-surgical abortion procedures were similarly distributed with approximately 99 percent of all non-surgical abortions performed at 13 or fewer weeks of gestation. Mifepristone (Mifeprex) and Misoprostol (Cytotec) (n = 4,373; 99.7%) taken together was the most commonly used non-surgical procedure for abortions within this gestational period.

Table 10. Method of abortion and gestational age, Arizona residents, 2016

			Gestat	ional ageª		
Method		weeks .2,118)		20 weeks = 901)		weeks = 139)
	Count	Percent	Count	Percent	Count	Percent
Surgical total	7,730†	100.0	890†	100.0	130†	100.0
Open approach	*	**	0	0.0	0	0.0
Percutaneous approach	0	0.0	*	**	0	0.0
Endoscopic approach	*	**	*	**	0	0.0
Vacuum via natural or artificial opening	5,810	75.2	760	85.8	114	87.0
Laminaria	20	0.3	77	8.7	14	10.7
Abortifacient	656	8.5	8	0.9	0	0.0
Open approach via natural or artificial opening endoscopic/Curretage	1,233	16.0	38	4.3	*	**
Dilation and Evacuation	0	0.0	0	0.0	0	0.0
Other surgical abortion procedure	*	**	0	0.0	0	0.0
Non-surgical total	4,390†	100.0	20†	100.0	8	100.0
Mifepristone (Mifeprex) and Misoprostol (Cytotec)	4,373	99.7	*	**	0	0.0
Misoprostol and Cytotec	14	0.3	9	60.0	8	100.0
Methotrexate and Misoprostol (Cytotec)	*	**	0	0.0	0	0.0
Other/unknown procedure	0	0.0	*	**	0	0.0

Notes: * Cell suppressed due to non-zero count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; a Gestational age was reported "unknown" for twelve (12) patients.

3.3. Abortions by County of Residence

On the following page is an overview of the number of abortions, live births, abortion rates, and ratios by patient's county of residence and summarized into border and non-border regions. The border region consists of Cochise, Pima, Santa Cruz, and Yuma counties. The remaining counties are considered the non-border region.

The overall Arizona abortion rate in 2016 was 10.0 per 1,000 resident women between 15 and 44 years of age. Fourteen of the 15 counties had abortion rates below the state rate. Maricopa (10.8) was the only county where the abortion rate exceeded the state rate. With regards to the abortion ratio, except for Maricopa (168) and Pima (160), all the remaining counties had abortion ratios below the state ratio 156 per 1,000 live births.

When comparing border and non-border regions, the abortion rate for the border region was 7.5 abortions per 1,000 women between the ages of 15 and 44 compared to 9.6 abortions in the non-border region. The abortion ratio for the border region was 121 abortions per 1,000 live births compared to the non-border region ratio of 149 abortions per 1,000 live births.

Table 11. Abortions, live births, rates, and ratios for resident females by county of residence, Arizona, 2016

	Abort	ions	Live b	irths	Abortion	Abortion
Resident county ^a	Count	Percent	Count	Percent	rate ^c	ratio⁴
Apache	18	0.1	1,022	1.2	1.4	18
Cochise	103	0.8	1,531	1.8	4.9	67
Coconino	210	1.6	1,615	1.9	6.1	130
Gila	64	0.5	593	0.7	8.6	109
Graham	20	0.2	558	0.7	2.8	36
Greenlee	10	0.1	149	0.2	4.9	67
La Paz	10	0.1	223	0.3	3.9	45
Maricopa	9076	68.9	54,021	64.0	10.8	168
Mohave	24	0.2	1,803	2.1	0.8	13
Navajo	69	0.5	1,498	1.8	3.6	46
Pima	1816	13.8	11,403	13.5	9.3	160
Pinal	345	2.6	4,471	5.3	4.9	77
Santa Cruz	35	0.3	642	0.8	3.7	55
Yavapai	234	1.8	1,868	2.2	7.9	126
Yuma	43	0.3	3,004	3.6	1.1	14
Unknown ^e	1093	8.3	*	**	N/A	N/A
Border region ^b	1,997	15.2	16,580	19.6	7.5	121
Non-border region	10,080	76.5	67,821	80.4	9.6	149
Arizona	13,170	100.0	84,404	100.0	10.0	156

Notes: ^a Residence indicates women's county of residence.

^b Border region in Arizona include Cochise, Pima, Santa Cruz, and Yuma.

^c Number of abortions obtained per 1,000 women of child-bearing age (15-44 years of age).

 $^{^{}m d}$ Number of abortions obtained per 1,000 live births to women of child-bearing age (15-44 years of age).

^e Records submitted as Arizona residents without a county of residence selected. While the records are counted as Arizona residents, counts were neither included in Border nor Non-Border region counts.

3.4. Complications resulting from an abortion

The way ADHS assesses and reports complications resulting from an abortion have changed over time. Beginning in June 1976, as part of the required *Report of an Induced Termination of Pregnancy*, providers reported patients hospitalized for complications occurring *during* the abortion procedure. Between 1982 and 2003 the ADHS annual *Health Status and Vital Statistics Report (HSVSR, Table 1D-1)* used provider-submitted reports to tabulate both the number of patients who received abortions and patients hospitalized for complications. Beginning in 1986, the table of complications included only Arizona residents. From 2004 to 2009 the ADHS *HSVSR* continued reporting general characteristics of women receiving abortions but did not list the count of complications.

Beginning July 2010, <u>Arizona Revised Statute §36-2162</u> established an abortion complication reporting requirement. Healthcare professionals who provide medical treatment to women experiencing complications resulting from an abortion are required to submit reports to the ADHS. The reports contain no personally identifiable information (PII) and hospital patient records are not accessible for public review.

Data submitted on the Complication report differs from data submitted on the Procedure report. Reports submitted in compliance with A.R.S. §36-2162 are for complications occurring *after* an abortion is performed (i.e., excessive hemorrhaging hours or days after leaving the facility where the abortion was performed). These reports are primarily submitted by hospitals.

A total of 33 reports of complications resulting from an abortion procedure among Arizona resident women were submitted in 2016, a decrease of 58.2 percent from 2015. More than 70 percent of abortion complications occurred at gestational ages 13 weeks or fewer and primarily among women between 20 and 24 years of age.

Table 12 lists characteristics of resident women who experienced complications resulting from an abortion followed by a list of most reported complications by both ICD-9 CM and ICD-10 CM codes.

Table 12. Complications resulting from an abortion for resident women, Arizona, 2016

	Count (N = 30†)	Percent
Age		
<15 yrs	0	0.0
15-19 yrs	*	**
20-24 yrs	10	30.3
25-29 yrs	9	27.3
30-34 yrs	*	**
35-39 yrs	*	**
≥40 yrs	0	0.0
Gestational age		
≤13 weeks	24	72.7
14 to 20 weeks	*	**
≥ 21 weeks	0	0.0
Unknown	7	21.2
Description of complications ^a		
Delayed or excessive hemorrhage	*	**
Urinary tract infection/genital tract and pelvic infection	*	**
Sepsis	*	**
Unspecified complications	*	**
Other complications ^b	20	60.6

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; a Refers to complications following elective abortions; Complications associated/occurring with the abortion procedure but not the direct result.

3.5 Disposition of Aborted Fetal Tissue

The 2016 Abortion report is the second to provide information on the disposition of fetal tissue after an abortion. A new rule mandating that abortion reports include additional detail describing the final disposition of fetal tissue was approved on August 14, 2015. The electronic abortion reporting system was changed to collect such information, and reporting became mandatory on August 16, 2015. Reports submitted prior to the rule change do not include detail on the disposition of fetal tissue. Table 13 provides a summary of the disposition of fetal tissue after an abortion in 2016.

Table 13. Disposition of fetal tissue after abortion, Arizona, 2016

	Count	Percent
Tissue was not donated in part or whole	13,121	99.6
Anatomical gift/donation to a person(s) or establishment	0	0.0
Delivered to a mortuary for burial/cremation	43	0.3
Not Reported	6	0.0
Total	13,170	100.0

3.6 Petitions Filed with the Arizona Administrative Office of the Courts

The Arizona Administrative Office of the Courts collects data in accordance with <u>A.R.S. § 36-2163 subsection C</u>, regarding granting authorization to unemancipated minors to undergo an abortion procedure without parental consent.

Following is the summary data provided by the Arizona Administrative Office of the Courts. The dates of petitions filed range from January 1, 2016 to December 31, 2016. Although not specified in statute, the total number of petitions issued an order are included for context. A total of 33 petitions were filed, 28 (85%) were issued an order authorizing an abortion and, 28 were without parental consent. Please note, while a petition may be filed during a specific period, resolution may be in the following period.

Table 14. Petitions filed in the Arizona Administrative Office of the Courts, 2016

Reporting category	Number of petitions
1. Number of petitions filed pursuant to A.R.S.§ 36-2152, Subsection B	33
2. Of the petitions filed pursuant to A.R.S. § 36-2152, Subsection B, the number in which the judge appointed a guardian <i>ad litem</i> or court-appointed counsel for the minor pursuant to A.R.S. § 36-2152, Subsection D. **Note: An additional 5 petitions were filed without an appointed guardian ad litem or court appointed counsel, resulting in a total of 33 petitions filed.	28
3. Of the petitions filed pursuant to A.R.S. § 36-2152, Subsection B, the number in which the judge issued an order authorizing an abortion without parental consent. Note: One additional petition was issued with parental consent during calendar year 2016, resulting in 29 total petitions issued.	28
4. Of the petitions filed pursuant to A.R.S. § 36-2152, Subsection B, the number in which the judge issued an order denying the petition.	*
5. Of the petitions denied, the number appealed to the court of appeals.	0
6. The number of those appeals that resulted in the denials being affirmed.	0
7. The number of those appeals that resulted in the denial being reversed.	0

Note: * Cell suppressed due to non-zero count less than 6.

Conclusion

This 2016 Abortion Report provides a comprehensive overview of abortion in the State of Arizona following the passage of SB1304 in 2010. In addition to presenting comprehensive statistics regarding incidence and prevalence of abortion in Arizona, the report also highlights the importance of continued public health prevention messaging, regarding unplanned pregnancies and the risks associated with abortion among women of child-bearing age, especially in the adolescent population.

The implementation of <u>A.R.S. §36-2161 thru §36-2163</u> provides a standardized data collection system that improves data quality. Enhancements to the web-based reporting system and provider training are ongoing, providing an accurate secure reporting system that allows individual providers to report abortions online through a secured web-based system.

Analysis of abortion data has numerous public health implications. Ongoing abortion surveillance facilitates efforts to decrease and/or prevent unplanned pregnancies. This report provides a comprehensive overview of statistics about the incidence of abortions in Arizona, however it is limited to descriptive data analysis. No attempt was made to formulate inferences regarding the general population or sub-populations of women obtaining abortions in Arizona. Because of differences in abortion data collection across time, trend comparisons should be interpreted with care because of variation in provider reporting prior to 2010 and expanded reporting requirements that went into effect July 2010. There is no data available to assess the extent of underreporting.

This comprehensive annual abortion report is respectfully compiled and submitted for public review in accordance with <u>Arizona Revised Statute §36-2163 Subsection B</u>.

Appendix A- Glossary

Abortion or induced termination of pregnancy (ITOP) – *Abortion* means the use of any means to terminate the clinically diagnosable pregnancy of a woman with knowledge that the termination by those means will cause, with reasonable likelihood, the death of the unborn child. Abortion does not include birth control devices, oral contraceptives used to inhibit or prevent ovulation, conception, or the implantation of a fertilized ovum in the uterus, or the use of any means to save the life or preserve the health of the unborn child, to preserve the life or health of the child after a live birth, to terminate an ectopic pregnancy, or to remove a dead fetus (<u>A.R.S. 36-2151</u>).

Abortion rate – The number of abortions per 1,000 women aged 15 – 44 years or other specific group within a given population.

Abortion ratio – The number of abortions per 1,000 live births within a given population. The ratio reflects the relative number of pregnancies in a population that end in abortion compared to live birth.

Birth or live birth – The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy which, after such expulsion or extraction, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached. Heartbeats are to be distinguished from transient cardiac contractions; respirations are to be distinguished from fleeting respiratory efforts or gasps.

Gestational age – *Gestational age* means the age of the unborn child as calculated from the first day of the last menstrual period of the pregnant woman.

Pregnancies – Pregnancies are the sum of live births, spontaneous terminations of pregnancy (fetal deaths or stillbirths), and induced terminations of pregnancy (abortions).

Proportion – A *proportion* is a ratio in which those in the numerator are also in the denominator.

Rate – A *rate* is a ratio in which those in the numerator are also in the denominator, and those in the denominator are "at risk" of being in the numerator. The denominator is the sum of "at risk" person-time or, by convention, the count of individuals "at risk" in a given time period.

Ratio – A *ratio* is any division of one number by another; the numerator and denominator do not have to be mutually exclusive.

Unemancipated minor – *Unemancipated minor* means a minor who is subject to the control, authority, and supervision of his or her parents or guardians, as determined under State law (See Title 42. The Public Health and Welfare; Chapter 6a USCS §300z-1).

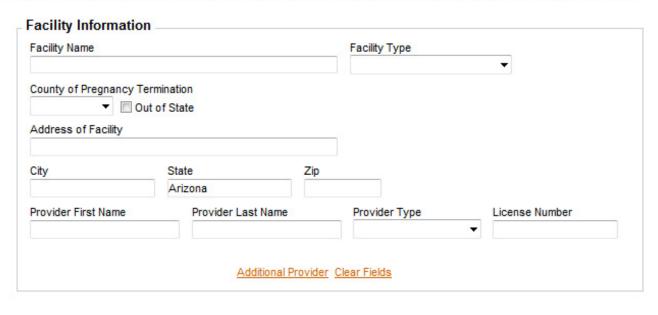
Appendix B- Abortion Reporting Forms



Arizona Department of Health Services

Abortion Procedure Report

NOTICE: This is a MONTHLY report that must be filed within 15 days after the last day of the reporting month.





Medical Information	
stimate of Gestational Age Date of Termin	ation
•	
Reason for Termination	
•	
Diagnosis Code	
▼	
Surgical Procedure Performed N	Ion-Surgical/Medication-Induced Procedure
▼ [▼
Medical Complication	
*	
Preexisting medical conditions that would con	mplicate pregnancy (4000 characters left)
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The basis for any medical judgment that a me	dical emergency existed that excused the physician from compliance with the
equirements of this chapter.	
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lease Explain (4000 characters lett)	A
	*
Physician's statement if required pursuant to	Arizona Revised Statutes
Fitle 36 Public Health and Safety - Section 36	
Fetus Weight In Grams if Physician's Stateme	nt Required
Physician's Statement (4000 characters left)	
	^
	v
	<u>Clear Fields</u>
Submit Fram	
Submit Form	
Name of Person Preparing Report	Report Date
	ort provided to the Arizona Department of Health Services is
correct to the best of my knowledge.	
	Submit
	do not receive a confirmation message with a report number your report
was not received by ADHS.	

Arizona Department of Health Services

Abortion Complication Report

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acility Name			Facility Type		~
Address of Facility					
tudi ooo o i i domey					
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	Arizona				
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				•	
	Additional F	Provider Cle	ar Fields		
acility Where Abortio	on Was Performed				
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Patient Information	Residence State Arizona	Reside	nce County ▼		
Patient Information Age Education	Residence State Arizona Non USA Resident	Reside	nce County ▼		
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Patient Information Age Education Help Hispanic Origin?	Residence State Arizona Non USA Resident Residence Unknow	Reside	nce County ▼		
Patient Information Age Education Help Hispanic Origin? Yes No Unknown	Residence State Arizona Non USA Resident Residence Unknow	Reside	nce County ▼		
Patient Information Age Education Help Hispanic Origin? Yes No Unknown	Residence State Arizona Non USA Resident Residence Unknow	Reside	nce County ▼		
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Estimate of Gestational Age Date of	fTermination	
•		
Surgical Procedure Performed	Non-Surgical/Medication-Induced Procedure ▼	
Nature of complication		
Medical Treatment Given (4000 charac	▼ 	
medical freatment Given (4000 charac	cters lert)	^
medical freatment Given (4000 chalac	ters lert)	Α Ψ
	Condition Caused by the Complication	^ ~
		*

ame of Person Preparing Report	Treatment Date	
I declare that the information in this report p	ovided to the Arizona Department of Health Services is	
correct to the best of my knowledge.		
correct to the best of my knowledge.	Submit	

Our Web site at http://pub.azdhs.gov/health-stats provides access to a wide range of statistical information about the health status of Arizonans. The Arizona Health Status and Vital Statistics annual report examines trends in natality, mortality, and morbidity towards established health objectives. In addition to the print and original online versions, the 2016 report is made available as a mobile-friendly e-book. Additional reports and studies include Advance Vital Statistics by County of Residence, Injury Mortality among Arizona Residents (accidents, suicides, homicides, legal intervention, firearm-related fatalities, drug-related deaths, drowning deaths, falls among Arizonans 65 years or older), Hospital Inpatient and Emergency Room Statistics (first-listed diagnosis, procedures, mental disorders, asthma, diabetes, influenza and pneumonia, and substance abuse), Community Vital Statistics, Teenage Pregnancy, Differences in Health Status Among Racial/Ethnic Groups, and Health Status Profile of American Indians in Arizona.



ARIZONA DEPARTMENT OF HEALTH SERVICES
Bureau of Public Health Statistics
Population Health and Vital Statistics Section