



## SAFE MOTHERHOOD



World Health Organization  
Maternal and Child Health & Family Planning  
Division of Family Health, Geneva

# ABORTION

A TABULATION OF AVAILABLE DATA ON THE  
FREQUENCY AND MORTALITY OF UNSAFE ABORTION



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The views expressed in documents by named authors are solely the responsibility of those authors.

**Abbreviations used:**

CS = community study  
 E = estimate  
 EA = estimated annual  
 H = hospital data  
 HS = hospital study  
 PP = private practice  
 PS = provider study  
 STA = statistical source  
 VAR = various sources

ABO = abortion, unspecified, non-legal  
 ABO (L) = abortion unspecified, incl. legal  
 HAE = abortion haemorrhage  
 ILL = illegal abortion  
 IND = induced abortion, non-legal  
 PIND = induced and probably induced abortions  
 (non legal)  
 PPIND = induced, possibly and probably induced  
 abortions (non-legal)  
 SE = septic abortion  
 SP = spontaneous abortion

A = per annum, 1-year data  
 D = deliveries  
 G = gynaecological  
 \* = data in note column  
 P = year of publication

1+ = one plus, one or more  
 AA = annual average  
 abo = abortion  
 abo.adm = abortion admissions  
 abo.adm/nat.stat = abortion admissions  
 combined with national statistical data  
 abo.adm/W 15-49 = abortion, admissions  
 combined with number of W 15-49 in  
 area of hospital(s)  
 abo.compl. = abortion complications  
 abo.deaths = abortion deaths  
 abos = abortions  
 adm = admissions  
 ccep = contraceptive  
 clin. = clinic  
 del. = delivery  
 del.adm = delivery admissions  
 dem = demographic  
 ed = education  
 EM = ever married  
 EP = ever pregnant  
 etn = ethnic  
 excl. = excluding  
 fam.pl. = family planning  
 geogr = geographic areas  
 gest = gestational  
 gyn = gynaecological  
 Hadm = hospital admissions  
 hosp = hospital  
 hosp.s = hospitals

ill. = illegal  
 incl. = including  
 ind. = induced  
 ins. = insufficiency  
 IUD = Intra Uterine Device  
 L = legal abortion  
 M = married, cohabiting  
 M 1x = married 1 time only  
 matern. = maternal  
 med = medical  
 MR = Menstrual Regulation  
 MTP = Medical Termination of Pregnancy  
 multipar = multiparous  
 nat.stat. = national statistical data  
 non-L = non-legal abortion  
 obs. = obstetric  
 obs.adm = obstetric admission  
 obs.deaths = obstetric deaths  
 pats = patients  
 PILL = probably illegal and  
 illegal abortions  
 pregn. = pregnant  
 pregn.s = pregnancies  
 pres. = present  
 prev. = previous  
 pri-grav = primigravida  
 priv. = private  
 progr. = programme  
 pros.study = prospective study  
 prov = provider

RepAge = reproductive age  
 repr.age = reproductive age  
 retrosp. study = retrospective  
 study  
 RRT = Random Response  
 Technique  
 RS = Random Sample  
 R-U = Rural - Urban  
 se = septic  
 soc = social  
 soccec = socio-economic  
 socdem = socio-demographic  
 sp = spontaneous  
 TFR = Total Fertility Rate  
 therap. = therapeutic abo(s)  
 underest. = underestimate  
 un-M = un-married  
 var. = various  
 w. = with  
 W = women  
 WM = women, married

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**ABORTION****A tabulation of available data on the  
frequency and mortality of unsafe abortion**

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**Acknowledgements**

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## 1. UNSAFE ABORTION<sup>1</sup>: A WORLDWIDE PROBLEM

Abortion is a medical and social problem of world wide significance. Between 40 and 60 million abortions take place around the world every year. It is estimated that half of these are performed outside authorized health services and/or by unauthorized, often unskilled, providers and most take place in the developing world.

Induced abortion is restricted by law in many countries. In others pregnancy termination is legal for broad medical and social reasons, but often there are not sufficient services to meet the demand or they are unacceptable to the women wishing to terminate an unwanted pregnancy. Many women therefore use unauthorized sources of service.

It is clear that many women will continue to seek to terminate an unwanted pregnancy despite restrictive laws and lack of adequate services. However, while those who can pay high fees may have access to safe abortion, regardless of its legal status, many poor women have to turn to inexpensive unqualified abortionists and put their general and reproductive health, and even their lives, at high risk.

Some 500,000 women die each year from pregnancy related causes worldwide, 98% of them in the developing world. It is estimated that as many as 1/4 to 1/3 of these deaths may be a consequence of the complications of unsafe abortion procedures. Although widespread and maybe increasing, unsafe abortions and their complications are not being recognized as a significant health and social problem because of the controversial and complex political, moral and religious issues involved.

The World Health organization has no "position" with respect to abortion, but is concerned with its health aspects. It is evident that other considerations - social, cultural and religious - influence the attitudes of Member States towards abortion. WHO respects national policies and serves its Member States, who have different health and health-related policies.

As early as 1967, the World Health Assembly, concerned with the public health impact of abortion, passed Resolution No. 20.41 which stated, "recognizing that abortion constituted a serious public health problem in many countries ... urged WHO to assist Member States, upon their request, in their development of family planning services within their basic health services".

From the public health point of view, it has become clear in recent years that the magnitude of mortality and morbidity associated with unsafe abortion practices is immense. The International Conference on Population, held in Mexico in 1984, urged governments "to take appropriate steps to help women avoid abortion, which in no case should be promoted as a method of family planning, and - whenever possible - to provide for the humane treatment and counselling of women who have had recourse to abortion."

Unsafe abortion procedures cause complications which account for up to 50% of maternal deaths in hospitals and an unknown number of additional deaths outside hospitals. In developing countries where maternal mortality rates are high, the risk of death following complications of unsafe abortion procedures is between 100 and 500 times higher than that of an abortion performed professionally under safe conditions.

Unsafe abortion is one of the great neglected problems of health care in developing countries and a serious concern to women during their reproductive lives. Contrary to common belief, most women seeking abortion are married or live in stable unions and already have several children. Abortion serves to limit their family size. However, in all parts of the world, a small but increasing proportion of abortion seekers are unmarried adolescents; in some urban centres in Africa they represent the majority of all abortees.

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<sup>1</sup> An induced abortion not provided through approved facilities and/or persons.

## 2. HEALTH CONSEQUENCES: MORBIDITY AND MORTALITY

The mortality and morbidity risks of induced abortion depend on the facilities and skill of the abortion provider, the method used and certain characteristics of the woman herself, e.g. her general health, age, parity, and stage of pregnancy. They also depend on the availability and utilization of treatment facilities once complications have occurred. Unsafe abortions may be induced by the woman herself, by non-medical persons or even by health workers in unhygienic conditions. Such abortions may be induced by ingestion of harmful substances, exertion of external force, insertion of substances or an object (usually root, twig or catheter) into the uterus, or an unsafe dilatation and curettage procedure.

According to the conditions in which the unsafe abortions are performed and the methods used, both of which are related to the legal status of abortion, a variety of severe complications, such as poisoning, sepsis, septic shock, anaemia, haemorrhage, genital and abdominal trauma and perforated uterus may occur. These complications can lead to death if left untreated. Death may also result from secondary complications such as gas gangrene and acute renal failure.

The long-term consequences may include chronic pelvic pain, pelvic inflammatory disease and secondary infertility. Elevated incidence of ectopic pregnancy, premature delivery and increased risk of spontaneous abortion are other possible consequences of poorly performed abortions.

## 3. IMPACT ON HEALTH SERVICES - THE COSTS INVOLVED

The treatment of abortion complications in hospitals uses a disproportionate share of resources, including hospital beds, blood supply, medication as well as access to operating theatres, anaesthesia and medical specialists. This often takes place at the expense of other maternity services.

Unsafe abortion and its consequences places great clinical, material and financial demands on the scarce hospital resources of many developing countries. Often, up to 50% of the resources of some hospitals are used to treat patients admitted for complications of unsafe abortions. Some doctors estimate that up to 80% or more of all abortion cases admitted to the hospitals have been induced. While a spontaneous or an uncomplicated abortion may require up to 3 days of hospitalization, complicated cases can require a stay which may be 5 times longer. Spontaneous abortions seldom present complications and are rarely fatal.

## 4. UNDERREPORTING

Data on the incidence of unsafe abortion are essential for any attempt to deal with this public health issue. However, it must be recognized that all data on this issue are by definition unreliable. Underreporting and/or misreporting of unsafe abortion, because of its legal and ethical/moral status as well as the inherent limitations of hospital and community studies, must be taken into account when studying the data presented in the tabulations.

Collecting data is difficult for any type of abortion, and in particular when induced abortion is not legally provided by the health system. By their very nature, induced abortions are not easily discussed or admitted to, either in hospital or in community studies. Data on unsafe abortion are usually limited to women admitting to interference, and therefore are only exceptionally available and even then, they are most often incomplete. There are indirect attempts to rectify these gaps.

Based on medical evidence and following a WHO protocol<sup>2</sup> researchers in some hospitals have made the distinction between induced, probably induced and possibly induced abortion. Some indirect methods have also been devised for use in community studies, e.g. the Random Response Technique (RRT)<sup>3</sup> to establish the proportion of women ever resorting to induced abortion.

In most developing countries the vital registration system is poor or nonexistent. Deaths, particularly in rural areas, are grossly underreported and even when reported, the cause of death may either not be known, or indicated or it may be purposely concealed. To protect the family, an abortion may not be mentioned. All reference to pregnancy may be avoided, particularly in the case of unmarried women.

Hospital admissions for abortion complications are often used as an indicator of the problem of unsafe abortion but cannot be used to measure the prevalence. Not all women go to the hospital when complications arise. Their decision to seek help depends on the accessibility (geographic and financial) of a hospital, social attitudes and the attitude of hospital staff.

Many studies attempt to collect data by interviewing women hospitalized for abortion complications or by interviewing a random sample of women of reproductive age in the community. The success of both approaches depends on factors such as the legal status of abortion and on the skill of the interviewers. Studies have shown that between 1/4 and 1/2 of the abortions are concealed. However, in some cases as few as 4% of the abortions were admitted to.

Other studies have collected data on all abortion cases admitted to hospital irrespective of whether they are spontaneous or induced. Assuming that spontaneous abortions are relatively constant in a given population, and that they are unlikely to cause sepsis and death, the excess in septic abortions or cases presenting complications may be considered to be the result of unsafe abortion.

## 5. THE ABORTION DATABASE

Health authorities must confront the problem of unsafe abortions and its associated morbidity and mortality and devise constructive, culturally appropriate solutions that recognize the integral reproductive health needs of women. Progress in planning effective strategies and interventions to prevent and deal with consequences of unsafe abortion has been slow, especially in those countries where they are reaching high levels. This is partly because of the problems in underreporting described in the previous section, and also because of the general reluctance of professionals and public alike to discuss issues that are charged with moral, ethical and cultural overtones.

*The data contained in this document are an attempt to bring together all available information on the frequency of unsafe abortions and associated mortality. It is hoped that it will draw attention to the global need for action on the problem of unsafe abortions and the deaths they cause, renew dialogue, stimulate further research studies and provide health managers with comparative information on the nature and dimensions of the problem in their countries. It can also serve as a basic tool for decision-making regarding prevention and intervention strategies besides providing indications of the areas in which further research is needed.*

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<sup>2</sup> Figa-Talamanca, I. et al. Illegal abortion: an attempt to assess its costs to the health services and its incidence in the community. *International Journal of Health Services*, **16(3)**: 375-389 (1986)

<sup>3</sup> Abernathy, J., Greenberg, B. & Horvitz, D. Estimates of Induced Abortion in urban North Carolina. *Demography* **7(1)**: 19-29 (1970)

These tabulations are the third in a series related to safe motherhood. Previous publications contain tabulations of maternal mortality rates (FHE/86.3) and of the coverage of maternity care (WHO/FHE/89.2).

## 6. EXPLANATION OF THE TABULATIONS

### Data Collection

All available reports relevant to the issue of unsafe abortion have been examined, and data on frequency and mortality systematically extracted. Every effort has been made to ensure uniformity and consistency in reporting. Responsibility for the accuracy of the data, however, rests with the authors of the reports. Because of the need to provide a picture of the situation, as much information as possible has been included in this first edition of these tabulations.

In establishing the format of the tabulations a compromise had to be reached between the usefulness of different indicators and the type of data that was actually available. The tabulations are a descriptive coding of individual studies, although not all data lent themselves easily to this coding. Some cautious comparisons and conclusions can be drawn from the data presented but the tabulations are not suitable for statistical manipulations nor should they be interpreted vertically without due consideration to the information given in the first six columns.

The database upon which these tabulations are based is continually being updated. Readers are encouraged to share their knowledge and materials to assist WHO in maintaining the database as up-to-date and comprehensive as possible. Information should be sent to the Maternal Health and Safe Motherhood Unit, Division of Family Health, World Health Organization, 1211 Geneva 27, Switzerland.

### Sources of Data

The data in the tabulations were extracted from sources that are listed in the final column by means of 4-digit numbers which correspond to the accession number assigned to each piece of information on the WHO/ABO bibliographic database. A list of all the references used in the tabulations is attached. Not all references related to unsafe abortion that were examined have been included. Those not included either duplicate the data reported in the tabulations, or contain information that did not fit the format or the criteria used.

### Criteria for Inclusion

Only data that relate specifically or presumably to non-legally induced abortions have been included in the tabulations. If the study also includes legal abortion data, this has been indicated in the 5th or 6th columns.

The cut-off point for inclusion in these tabulations was 1960 although earlier data are stored in the database, as are data on women obtaining abortion abroad.

When data were available for many consecutive years in the same report, only selected years have been tabulated. In other instances, annual data have been grouped. In both instances the availability of yearly data is indicated in the note column.

### Data Sets

Each line represents one data set. In some instances two or more lines of information may be included for the same study, e.g. one line for the admitted or identified induced cases and another line for all abortion cases (spontaneous and induced).



**Terminology**

The terminology used by the authors of the various reports has where possible been retained. If a report refers to "abortions" this is the term used in the tabulations even if it is evident that the data refer to spontaneous and/or non-legally induced abortions. Similarly, the term "induced" has been maintained even in cases when the abortions under study were non-legal and/or most likely unsafe.

**Calculations**

Often the author of the study has provided the rates and ratios registered in the tabulation. When the necessary figures were provided, they were calculated.

**Note Column**

The note column contains additional information and explanations. It is also used to draw attention to data that help interpret the results or call for further study. It sometimes gives additional data that did not fit within the existing format, e.g. abortions per 1000 women (abos %W). An "\*" in any of the columns indicates that a comment is noted in the note column.

**Abbreviations**

An alphabetical list of all abbreviations and symbols used is included on pages 10 and 11 and is also printed on the inside cover of this publication.

**7. EXPLANATION OF THE COLUMNS AND TERMINOLOGY****Column 1 - Region, Country or Area**

Countries are arranged by WHO regions. Within countries, the towns/areas under study are presented alphabetically in chronological order.

**Column 2 - Year**

In Hospital Studies (HS) or Community Studies (CS) the year tabulated is the year in which the data was collected unless otherwise indicated in the note column.

The symbol "P" indicates the year of publication of the report in those cases when the source has not mentioned the year of the study.

**DATA CHARACTERISTICS (columns 3-6)****Column 3 - Type of Data**

Describes the nature of the data presented. The following abbreviations are used to describe the type of data.

CS                      Community study of a group of women or events as specified in column 5. Usually data reflect the reproductive history of this group. However, at times the research has focused on one year (usually the one preceding the study) or on the reproductive history during a specified period. This has also been mentioned in the note section.

HS	Hospital study. The group of women under study has been drawn from hospital admissions, usually for abortion, delivery or contraception.
H	Hospital statistics or data, i.e., events registered in the hospital during the indicated time.
PP	Private practice, similar to HS.
PS	Provider study. Data have been extracted from a study involving abortion providers.
STA	Data obtained from a statistical source registering events during the period indicated.
VAR	Various or a number of sources have been used for the research, usually to compensate for poor vital statistics.
E	Estimate.
EA	Estimated annual figure.

#### Column 4 - Number or Sample Size

Indicates the number of individuals or events under study. In some instances this refers to the total number of events or total estimated number of abortions.

#### Column 5 - Study Group

Describes the group of individuals or events studied in the report. Abbreviations used in this column needing further explanation are:

abo.adm	admissions for complications from abortion (including spontaneous induced, illegal, septic, complete, incomplete and inevitable)
abos	abortions, excluding legal abortions
matern.deaths	maternal deaths, i.e., death of a woman while pregnant or within 42 days of termination of pregnancy, from any cause related to or aggravated by the pregnancy.
10-45	figure indicates the age range in years.

#### Column 6 - Type of Abortion

Describes the type(s) of abortion being referred to.

ABO	abortion, unspecified but presumed non-legal.
ILL	illegal, criminal or "backstreet" abortion
IND	induced abortion, presumed non-legal
PIND	induced and probably induced abortion (non-legal)
PPIND	induced, and possibly and probably induced abortion (non-legal)

SP	spontaneous abortion
SE	septic abortion
HAE	abortion haemorrhage
ABO(L)	abortion, unspecified but including legal.

**FREQUENCY (columns 7 - 12)****Column 7 - Specified Abortions as a Percentage of All Admissions for Abortion**

Frequency of the specified type of abortion as a percentage of all admissions to an institution for abortion care.

**Column 8 - Specified Abortions as a Percentage of Gynaecological and Obstetric Admissions**

Frequency of the specified type of abortion as a percentage of all gynaecological and obstetric admissions. Letter "H" or "G" or an "\*" may follow the percent figure indicating that it represents a percentage of:

H	hospital admissions;
G	gynaecological admissions only;
*	see note column, usually indicating obstetric admissions only

**Column 9 - Specified Abortions as a Percentage of Live Births**

Frequency of the specified type of abortion as a percentage of live births.

D	deliveries when data on deliveries were available instead of live births.
---	---

**Column 10 - Specified Abortions as a Percentage of Pregnancies**

Frequency of the specified type of abortion as a percentage of pregnancies or conceptions.

**Column 11 - Percentage of Women Ever Aborting**

Number of women who ever had an abortion of the type specified as a percentage of all women under study.

A	per annum; data refer to the number of women who had an abortion of the type indicated during <u>one year</u> .
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**Column 12 - Average Number of Abortions per Women Aborting**

Indicates the average number of abortions of the type specified, that the women under study have had (they may also have had other kinds of abortion in addition). When the study group is an abortion group, the most recent abortion has been included.

**MORTALITY (columns 13 - 16)****Column 13 - Case Fatality**

Number of deaths (as specified) per number of cases (as specified) under study.

**Column 14 - Abortion Deaths per 100,000 Live Births**

Number of deaths from the specified type of abortion per 100,000 live births.

D deliveries.

**Column 15 - Abortion Deaths per 100,000 Women of Reproductive Age**

Number of deaths from the specified type of abortion as a fraction of 100,000 women of reproductive age.

**Column 16 - Abortion Deaths as a percentage of all Maternal Deaths**

Number of deaths from the specified type of abortion as a percentage of all maternal deaths.

\* if figure is known to refer only to direct obstetric causes, this has been indicated in the note section.

**Column 17 - Note Column**

A list of all abbreviations used is given on pages 10-11. The following additional information is useful.

abos %.	number of abortions(non-legal) per 1000 women
ind %.	number of induced(non-legal)abortions per 1000 women
*	is information attached to data in earlier column marked with *
socdem	sociodemographic data in reference
prov	data on provider in reference
gest	data on gestational age in reference
ccep	data on contraceptive practices in reference
socec	data on socioeconomic situation in reference
med	medical data in reference
ed	data on education in reference
RRT	Random Response Technique has been used for data collection

**8. ALPHABETICAL LIST OF ABBREVIATIONS USED**

1+	one plus, one or more
A	per annum, one-year
AA	annual average
abo	abortion
abo.adm	abortion admissions
abo.adm/nat.stat	abortion admissions combined with national statistical data
abo.adm/W 15-49	abortion admissions combined with number of W 15-49 in area of hospital(s)
ABO	abortion, unspecified but non-legal
ABO(L)	abortion, unspecified (also including legal)
abo.compl.	abortion complications
abo.deaths	abortion deaths
abos	abortions
adm	admissions
ccep	contraceptive
clin.	clinic
CS	community study
D	deliveries
del.	delivery
del.adm	delivery admissions
dem	demographic
E	estimate
EA	estimated annual
ed	education
EM	ever married
EP	ever pregnant
ethn	ethnic
ex.	excluding
excl.	excluding
fam.pl.	family planning
G	gynaecological admissions
geogr	geographic areas
gest	gestational
gyn	gynaecological
H	hospital data
Hadm	hospital admissions
HAE	abortion haemorrhage
hosp	hospital
hosp.s	hospitals
HS	hospital study
ILL	illegal abortion
ill.	illegal
incl.	including
IND	induced abortion, non-legal
ind.	induced
ins.	insufficiency
IUD	Intra Uterine Device
L	legal abortion
M	married, cohabiting
M 1x	married 1 time only
matern.	maternal
med	medical
MR	menstrual regulation
MTP	Medical Termination of Pregnancy

multipar	multiparous
nat.stat.	national statistical data
non-L	non-legal abortion
obs.	obstetric
obs.adm	obstetric admission
obs.deaths	obstetric deaths
P	year of publication
pats	patients
PILL	illegal and probably illegal abortions
PIND	induced and probably induced abortions
PPIND	induced, possibly and probably induced abortions
PP	private practice
pregn.	pregnant
pregn.s	pregnancies
pres.	present
prev.	previous
pri-grav	primigravida
priv.	private
progr.	programme
prosp.study	prospective study
prov	provider
PS	provider study
RepAge	reproductive age
repr.age	reproductive age
retrosp.study	retrospective study
RRT	Random Response Technique
RS	random sample
R-U	rural - urban
SE	septic abortion
se	septic
soc	social
socec	socio-economic
socdem	socio-demographic
SP	spontaneous abortion
sp	spontaneous
STA	statistical source
TFR	Total Fertility Rate
therap.	therapeutic abortion(s)
underest.	underestimate
un-M	un-married
var.	various
VAR	various sources
w.	with
W	women
WM	women, married

## UNSAFE ABORTION

Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
<b>AFRO</b>																
<b>BENIN</b>																
Cotonou	1967	H	350	abos	ABO			6.6								0491
Cotonou	1981-85	HS	657	ind.abos	IND	35.4		4.4D	3.5		2.9				Data: yearly, age, socec, parity, gest, med, method, ccep, resources	1272
<b>BURKINA FASO</b>																
Moko, Karba & rural areas	1969-77	CS	373*	W, pregnant	ABO			28.4	21						*995 pregn.s; Data: med, geogr	1268
Ouagadougou	1984 P	H	300-400	abo.adm	ABO		40*				5-6				*Just below	0166
Ouagadougou	1984 P	H	300-400	abo.adm	ILL	25*					18				*E	0166
<b>CAMEROON</b>																
Yaounde	1974	H	805	abo.adm	IND	10.7		0.9 D	0.8							0773
Yaounde	1974	H	805	abo.adm	SP,IND			8.5 D	7.7						Data: age, socdem, med	1022
Yaounde	1976	H	100	10% RS, abo.adm	ILL	29.0										1368
Yaounde	1985	H	442	RS, abo.adm	IND	14.7										1368
Yaounde	1985	H	604	emergencies/month	ABO		39.8									1032
<b>CONGO</b>																
Brazzaville	1977	H	774	abo.adm	SP,IND			15.6D								1032
Brazzaville	1977	H	774	abo.adm	IND	44.5		7.0D								0229
Brazzaville	1981-83	H	3022	sp+ill abo.adm	ILL	24.8	25G			1.6	4.4			Data: age, med, method, prov, socdem	1032	
National	1975	STA	6365	abos	SP,IND						0.7					

BR P3000 SA.01.09.F8

UNSAFE ABORTION																
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons																
Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births -				Preg-nanc-ies	Live Births			
CONGO cont.																
National	1975	STA	6365*	abos	IND						2.8				*1413 ind.abos	1032
Pointe-Noire	1978	H	730	abo.adm	SP,IND			7.9D								1032
Pointe-Noire	1978	H	730	abo.adm	IND	55.1		4.4D								1032
<b>ETHIOPIA</b>																
Addis Ababa	1967-68	H	205	abos	ABO		30.7G									0491
Addis Ababa	1980-85	H	216	matern.deaths	ABO							214		16.7	Data: parity, age	1295
Addis Ababa	1981-83	CS	9315*	RS, W, pregnant	ABO			6	5.6		2.3	142		28.9	*9'954 pregn/two years; Data: socdem, age	0188
Addis Ababa	1981-83	CS	9316*	RS, W, pregnant	IND							131		26.7	*9'957 pregn.s; 12ind.abo/ 13 abo deaths	0280
Addis Ababa	1981-83	CS	45	matern.deaths	ABO							164		29		1084
Addis Ababa	1981-83	CS	100	matern.deaths	ILL							231		25	Data: age, soc, gest, method, parity, med	0124
Addis Ababa	1981-83	H	197	matern.deaths	ABO							114		23.9	All (5) hosp.s and (3) clinics	1086
Addis Ababa	1981-83	H	100	matern.deaths	ABO							241		26	2 major referral hosp.s	1086
Addis Ababa	1984	H		matern.deaths	ILL							241		25		0268
National	1979	H		matern.deaths	SE									30	11 regional hospitals	0268
National	1986 P			ind.abo	IND							14		54		0060
<b>GABON</b>																
Libreville	1984-87	H	48	matern.deaths	ABO							25		16.6		1346
Libreville	1985	H		matern.deaths	ABO			41						10		0455

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency					Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor-tion	GYN OBS	Live Births -				Preg nancies	Live Births			
<b>GAMBIA</b>	1976	H	301	10% RS, abo.adm	ILL	21.9								Data: age, socdem, med	1022	
Banjul														*among 2800 W 15-45; abo under-est.; prosp. study	0190	
Rural	1982-83	CS	672*	all pregnant W	ABO			2.4	2.2							
<b>GHANA</b>	1963-67	H	12509	abo.adm	ABO			35.5			0.3	93	8.7	Data: yearly, med	0006	
Accra	1963-67	H	12509	abo.adm	IND							40	3.7		0006	
Accra	1963-67	H	12509	abo.adm	SE							71	6.6		0006	
Accra	1967-69	H	2890	AA, abo.adm	ABO			31.2D			0.3	108D		Data: age, parity, resources	0105	
Accra	1967-69	H	2890	AA, abo.adm	ABO			31.2	23.8		0.3*			*1969	0501	
Accra	1967-69	H	2890	AA, abo.adm	IND	58*								*E	0501	
Accra	1968-69	HS	330	sample, abo.adm	ABO						1.5			Data: age, gest, method, med, reason, socdem	0501	
Accra	1968-69	HS	330	sample, abo.adm	SE	35.5								*admitted; Data: method	0501	
Accra	1968-69	HS	330	sample, abo.adm	IND*	25.2								Data: age, socdem, parity, ccep med, method, cost	0007	
Accra	1970	HS	116	ind.abo.adm.	IND									Korle Bu Hosp.	0081	
Accra	1970-72	H	9457	abo.adm	IND, SP										0105	
Accra	1972	H	3275	abo.adm	ABO									Data: med, resources, socdem, age, parity	0320	
Accra	1972-73	HS	1159	abo.adm	SE	9.7								*2'357 pregn.s; Data: med, age resources, socdem	0320	
Accra	1972-73	HS	1014*	abo.adm	SP, IND				17.1		1.4			Data: age, socdem, med	1022	
Accra	1976	H	300	10% RS, abo.adm	ILL	21.3										

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abortion	GYN OBS	Live Births	Pregnancies				Live Births	Women RepAge			
<b>GHANA cont.</b>																	
Accra	1981-82	HS	4990	RS, W, del.adm	IND					34						Data: age, ed, ccep	0126
Accra	1981-82	HS	4990	RS, W, del.adm	IND,SP					55							0126
Accra	1981-82	HS	757	RS, del.adm W parity 2	IND					38.3	1.4					Data: ed	0126
Hospital	1982-83	H	1871	ill+sp abo.adm.	ILL	17.5						3.7					0126
Hospital	1982-83	H	1871	ill+sp abo.adm	ILL,SP							1.0					0126
Rural	1972	CS	857*	W, 15-44	ABO			10.2								*3924 pregn.s; Data: age, socdem, parity, ccep	1276
<b>KENYA</b>																	
Nairobi	1971	H	1838	abo.adm	SE	16.6						1.3					1388
Nairobi	1972-77	H	99	matern.deaths	SE									22.2		Data: soc, med	0084
Nairobi	1974	H	2070	abo.adm	SE	19.6						1.5					1388
Nairobi	1974-83	H	37021	abo.adm	ABO							0.3				Data: yearly, med, age, socdem resources; 80% of abo deaths due to ill abos	0170
Nairobi	1975	H	3048	abo.adm	SE	20.0						1.5					1388
Nairobi	1976	H	3700	abos	ABO							0.3					1022
Nairobi	1976	H	290	10% RS abo.adm	ILL	7.6											1022
Nairobi	1978	H	1424	abo.adm.	SE	15.7						1.3				Data: med, age, soc.	0001
Nairobi	1981	H	1832	abo.adm	ABO		59.4					0.3					0002
Nairobi	1981	HS	610	RS, 1/3 abo.adm	PIND	62.3						0.5				Data: age, socdem, ccep, prov, method, med, resources	0002
Nairobi	1981	HS	610	RS, 1/3 abo.adm	IND*	35.6					1.4	0.9				*admitted; Data: prov,method, med, resources, age, socdem, ccep	0002

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor-tion	GYN OBS	Live Births -	Preg-nanc-ies				Live Births	Women RepAge			
KENYA cont. National	1979	STA		pregnancies	ABO,SE					6						1097	
<b>LIBERIA</b> Monrovia	1984	CS	768	RS, W14-21, un-M	ABO					12.4						1224	
<b>MALAWI</b> Central region	1977	H	118	matern.deaths	ABO									3.4		1230	
<b>MALI</b> Bamako	1979-81	HS		W, del.adm	SP					9						0126	
Bamako	1984 P	H		obs.adm.	IND		0.5*							4*	**% of obs.	0049	
National	1981-82	H	1031	abo.adm.	ILL	10.9					1.8				Underest.; Data: soc, parity, resources, method, provider	0049	
<b>MAURITIUS</b> Hospital	1970-72	H	2372	abo.adm	IND,SP						0.8				Civil Hosp.	0081	
Hospital	1970-72	H	2289	abo.adm.	IND,SP						1.3				Victoria Hosp.	0081	
National	1961	H	1117	abo.adm	ABO					4.3					Data: yearly 1956-81;	0118	
National	1966	H	2132	abo.adm	ABO					8.0					Data: yearly 1956-81;	0118	
National	1968-72	STA		abo.deaths	SP,ILL								6			1000	
National	1970's			mat.deaths	ILL									50*	*over	0173	
National	1971	H	1738	abo.adm	ABO					8.3					Data: yearly 1956-81;	0118	
National	1972	H	751	abo.adm	ABO						1.5					0105	

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor tion	GYN OBS	Live Births -	Preg nanc ies				Live Births	Women RepAge			
<b>MAURITIUS cont.</b>																	
National	1973	H*	2454	ind.abos	IND						1.2					Underest. ; *Health centres; Data: yearly 1973-81	0071
National	1973	H	2013	abos	IND	90*										*about; Data: yearly 1973-76	1022
National	1973-77	STA		abo.deaths	SP, ILL								7				1000
National	1976	H	2515	abo.adm	ABO			11.3								Data: yearly 1956-81	0118
National	1976	H	2515	abos	IND	90*										*about; Data: yearly 1973-76	1022
National	1977	H*	3878	ind.abos	IND						1.0					Underest. ; *Health centres; Data: yearly 1973-81	0071
National	1977-81	H	14298	abo.adm	ABO			11.8			0.5					Data: yearly, age	0118
National	1977-81	STA		matern.deaths	ABO								50-60				0268
National	1981	H	3097	abo.adm	ABO			13.1			0.3					Data: yearly 1956-81;	0118
National	1981	H*	4037	ind.abos	IND						0.4					Underest. ; *Health centres; Data: yearly 1973-81	0071
National	1985 P	H	3500*	ill.abo adm	ILL			15*								*over	0173
Rural	1970-72	H	1516	abo.adm	IND, SP						1.3					7 rural hosp.s	0081
<b>NIGERIA</b>																	
Benin	1970-71	H	5000	RS, case notes	SE, IND									12.1			0036
Benin	1973-85	H	3592	abo.adm	IND								116	20.6			1057
Benin	1973-85	H	3592	abo.adm	ABO		26.6G	12.2D			1.0	126		22.4	Data: age, med		1057
Benin	1973-85	CS	165	obs.deaths	ABO							124		22*	*% of obs. deaths		1084
Benin	1973-81	H	1972	abo.adm	IND	40.4					0.4						1277

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
NIGERIA cont.	1974-75	H	140	abo.adm	ABO		25.2G				1.6	1.7				0098
Benin	1974-75	H	140	abo.adm	ILL	42	10.6G									0098
Benin	1974-79	H	1418	abo.adm	ABO		28.4G	10.5D								0099
Benin	1974-79	H	1418	abo.adm	IND	40.5	11.5G	4.3D			1.1	119D		26.7		0099
Benin	1981-82	HS		W, del.adm.	IND				25							0126
Benin	1981-82	HS		W, del.adm	IND,SP				44				54	6.6	Data: med	0097
Ibadan	1962-71	H	183	matern.deaths	ABO								27	3.3		0097
Ibadan	1962-71	H	183	matern.deaths	ILL										Data: yearly (increasing from 43% to 57%)	0491
Ibadan	1965-67	H	1822	abo.adm	ABO		49.8G					4.6				0202
Ibadan	1976-78	H	1724	abo.adm	IND	9.9									Data: socdem, med, resources	0202
Ibadan	1976-78	H	1724	abo.adm	PPIND	20.4										1394
Ibadan	1981-82	CS	841	W, 14-25, un-M	IND				41							1220
Ibadan	1982	CS	841	RS, W14-25, un-M	IND				21.6						Data: age, parity, med	1161
Ilorin	1972-86	H	53	ill.abo deaths	ILL	6.1		0.4				6.8	31	1		1161
Ilorin	1972-86	H	12736	abo.adm	IND,SP			7.3				0.4	31	1	Data: age,	0195
Ilorin	1983-84	H	852	abo.adm	IND	12						5.9			Data: yearly	0491
Lagos	1962-67	H	11300	abos	ABO			10.3							*15-20% of gyn.adm.; mostly ill.abos	0098
Lagos	1963-67	H		abo.adm.	ABO		17.5*					11				

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor-tion	GYN OBS	Live Births -	Preg nancies				Live Births	Women RepAge			
<b>NIGERIA cont.</b>																	
Lagos	1964-67	H	620	abo.adm	ABO		16.9G								Data: yearly	0491	
Lagos	1966-72	H	1238	abo.adm.	IND,SP						1.5	178		51.4	Admission serious cases;	0005	
Lagos	1966-72	H	14158	abo.adm	IND,SP						0.4	50		6.1	Data: yearly abo/live birth	0005	
Lagos	1967	H	134	abo.adm	ABO		14 G	13.5							Data: yearly abo/live birth	0491	
Lagos	1967	H	134	abo.adm	SE	28.4	4 G									0491	
Lagos	1968-69	H	74	RS, abo.adm.	ILL	46										0005	
Lagos	1970	H	120	matern.deaths	ABO									5.0		1374	
Lagos	1972	H	1990	abo.adm	ABO			10.30								0105	
Lagos	1972	H	229	abo.adm	ABO						1.3					0105	
Shomolu, Lagos	1982	CS	369	RS,W repr.age, 1+children	ILL					5.6					Data: method, prov, ccep	0267	
Western Nigeria	1972	H	93	matern.deaths	ABO							8*		2.2	*Hosp. deaths but total births in W. Nigeria	1336	
Western Nigeria	1973	H	119	matern.deaths	ABO							16*		3.4	*Hosp. deaths but total births in W. Nigeria	1336	
<b>SIERRA LEONE</b>																	
Freetown	1970-72	H	670	abo.adm	IND,SP						1.9			10.7	Maternity & Connaught Hosp.s	0081	
West	1972	H	244	abo.adm	ABO						2.5					0105	
<b>SOUTH AFRICA</b>																	
Bloemfontein	1980-85	H	81	matern.deaths	ABO							490		17.2		1364	
Cape Province	1973-75	H	5069	abo.adm	ABO						0.1	140		35		0151	

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths			
						Admissions Abortion	GYN OBS	Live Births				Preg nanc ies	Live Births				Women RepAge
SOUTH AFRICA cont.	1960-65	H	9692	abo.adm	ABO,SE								20.6	Data: annual, ethn, med, resources	1330		
Cape Town	1960-65	H	136	matern.deaths	ILL*								7.4	*Admitted ill; Data: method	1330		
Durban	1975-82	H	258	matern.deaths	ILL								18.6	Data: age, parity, med	0108		
Edendale	1973-75	H	4154	abo.adm	ABO,ILL			13.6				580	12.7	Data: med, resources, soc.	0015		
Edendale	1973-75	H	4154	abo.adm	SE							380	8.5		0015		
National	1972-75	E	112000	ill.abos	ILL								0.1	E based on abo deaths in 255 hosp.s and E of 1% mortality	0706		
Pietermaritzburg	1964-79	H	13	matern.deaths	ABO								16		0152		
<b>U. REP. TANZANIA</b>																	
Dar es Salaam	1974-77	H		matern.deaths	SE,HAE								12.9		0129		
Dar es Salaam	1974-77	H	224	matern.deaths	ABO								0.3	Data: med	0092		
Dar es Salaam	1979-80	H		matern.deaths	SE,HAE								11.00		0129		
Dar es Salaam	1983-84	H	85	matern.deaths	SE,HAE								12.9		0129		
Kilimanjaro	1971-77	H	2168	abo.adm	ABO								0.3		0008		
Kilimanjaro	1971-77	H	2168	abo.adm	SE								250		0008		
Muhimbili	1974	H		abo.adm	ABO			20.3					160	Data: yearly 1974-79	0091		
Muhimbili	1975	H		abo.adm	ABO			48.6						Data: yearly 1974-79	0091		
Muhimbili	1977	H		abo.adm	ABO			53.9						Data: yearly 1974-79	0091		
Muhimbili	1979	H		abo.adm	ABO			57.8						Data: yearly 1974-79	0091		

**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.		
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths	
						Admissions Abor-tion	GYN OBS	Live Births -	Preg nanc ies				Live Births	Women RepAge				
U. REP. TANZANIA cont. Mwanza	1981-82	HS		W, del.adm	SP												0126	
National	1983-84	H	294*	matern.deaths	SE, HAE					15			36		16.5	*72% of all matern.deaths; all health institutions around 4 referral hospitals	0123	
Southern Highlands	1983	VAR	115	matern.deaths	SE										17.4		0122	
Southern Highlands	1983	VAR	115	matern.deaths	IND*										8.7	*known cases	0122	
<b>UGANDA</b> Kampala	1962-65	H	4200	abos	ABO											Data: annual	0491	
Kampala	1967	H	1518	abos	ABO								0			Data: yearly 1967-69	0374	
Kampala	1968	H	1830	abos	ABO								0.1	15D		Data: yearly 1967-69	0374	
Kampala	1968-69	H	69	matern.deaths	ABO											11.6		0008
Kampala	1969	H	2120	abos	ABO								0.4	62D		Data: yearly 1967-69	0374	
Kampala	1970-72	H	5126	abo.adm	IND, SP								0.2			Mulago Hosp.	0081	
Kampala	1973-74	HS	1377	abo.adm weekday	IND	11.9											0374	
Kampala	1973-74	HS	1377	abo.adm weekday	ABO			57E*	32E		1.3	0.2				Data: socdem, med, resources, age, gest; *E high as based on "living children"	0374	
Kampala	1976	H	300	10% RS, abo.adm	ILL	8.0										Data: age, socdem, med	1022	
National	1966-67	H	420	matern.deaths	ABO									14*		*E 106'560 hosp. births	0040	
<b>ZAIRE</b> Kinshasa	1972	H	3182	abo.adm	ABO		53.2G	7.2D					0.3	25D			0105	

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births				Preg nanc ies	Live Births			
ZAIRE cont.	1972	H	3182	abo.adm	SE	40										0105
Kinshasa	1976	H	270	10% RS, abo.adm	ILL	15.9									Data: age, socdem, med	1022
Kinshasa	1978-79	H	1078*	non-L abo.adm	ABO						1.2				Data: age, parity, socec,prov, med, resources; *excl.6 therap	0171
Kinshasa	1978-79	H	1078	ill,sp abo.adm	ILL	22.4					5.4				Data: age, parity, socdem, med, prov, resources	1369
National	1982-84	H	2465	abo.adm	IND	25.1					2.1				Data: prov, med, resources, soc, age, ccep	0187
National	1982-84	HS	404	RS, abo.adm	IND	26				33.2					Data: age, soc, ccep, dem	0187
<b>ZAMBIA</b>																
Lusaka	1974-75	H	54	matern.deaths	ABO							6		3.7		1235
Lusaka	1974-76	H	80	matern.deaths	ABO									7.5		1239
Lusaka	1974-76	H	80	matern.deaths	ILL									3.7		1239
Lusaka	1976	H	300	10% RS, abo.adm	ILL	33.7									Data: age, socdem, med	1022
Lusaka	1977-80	H	12449	abo.adm excl.L	ABO		55.7G								+6.7% therap. abos;	0224
Lusaka	1977-80	H	12449	abo.adm excl.L	ILL	2.5	1.5G				4.5				Data: yearly	0224
Lusaka	1977-78	H		matern deaths	ILL									18.3		1017
Lusaka	1977-80	H	12096	abo.adm	SE	2.8					4.5					1017
Lusaka	1982-83	H	60	matern.deaths	IND							18		15	Data: med, age, parity, method	0266
Lusaka	1982-83	CS	60	matern.deaths	ABO							20		17		1084
<b>ZIMBABWE</b>																
Harare	1976	H	56	matern.deaths	ILL							41		12.5	Data: age, parity, med.	0025

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency					Mortality			Notes	Ref. no.		
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths	
						Admissions Abor-tion	GYM OBS	Live Births -				Preg nanc ies	Live Births				Women RepAge
ZIMBABWE cont.																	
Harare	1976	H	56	matern.deaths	SE							106		32.1	Data: age, parity	1324	
Harare	1983	H	51	matern.deaths	IND									19.6		0180	
Harare	1983	H	51	matern.deaths	SE							20		17.6		1384	
Harare	1985 P	H	99	abo.pats	PIND	23.2									Data: ccep	1287	
Salisbury	1972-73	H	56	matern.deaths	ABO			7.50			0.7	560		30.4	Black W only; Data: med	0083	
Salisbury	1972-73	H	56	matern.deaths	SE							360		19.6	Black W only; Data: med	0083	
<b>AMRO</b>																	
<b>ARGENTINA</b>																	
Buenos Aires	1959-63	CS	1500	W, 15-44	ABO				19.0						Period data, study year 1969	0623	
Buenos Aires	1964	CS		RS, WM repr.age	ABO			33.3	24.6							0833	
Buenos Aires	1964	HS	600	RS,W 35-49,pats	IND				25							1392	
Buenos Aires	1964	HS	532	WM, 25-49,pats*	IND			37.6	25.3						*WM among 1721 patients	1392	
Buenos Aires	1964	CS		RS, WM repr.age	IND					25					Data: ccep	0833	
Buenos Aires	1964-67	CS		W, 20-34	ABO				19.5						Period data, study 1969	0311	
Buenos Aires	1964-67	CS		W, 35-44	ABO				35.3						Period data, study 1969	0311	
Buenos Aires	1964-67	CS	1500	W, 15-44	SP,IND			28.4	21.7						Period data, retrosp.study 1969; Data:socdem, age 1-year data, study 1969	1249	
Buenos Aires	1968	CS		W, 20-34	ABO				16.0	2.5A					1-year data, study 1969	0311	
Buenos Aires	1968	CS		W, 35-44	ABO				31.6	1.6A					1-year data, study 1969	0311	

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## UNSAFE ABORTION

Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths		
						Admissions Abor- tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
ARGENTINA cont.	1968	CS	1500	W, 15-44	SP,IND			24.1	18.8	1.9A					1-year data, study 1969; Data: socdem, age Retr.study 1968-69; Data: age, socdem Data: age, socdem, med	1249
Buenos Aires	1968	CS	1363	W, 15-44	IND,SP			24.7	19.5					0622		
La Plata	1962-64	STA	18	matern.deaths	ABO							31	23.3	0822		
National	1964			pregnancies	IND				25.3					0105		
National	1964 P			ill.abos	IND			100						0957		
National	1970	STA		matern.deaths	ABO							43	27.9	0125		
National	1978	STA		abo.deaths	ABO							26		0463		
National	1981	STA	472	matern.deaths	ABO							25	35.8	0191		
National	1982	STA	464	matern.deaths	ABO							27	39.9	0230		
National	1987 P	EA		ind.abos	IND				25					0219		
National	1988 P	E	400000	abos	IND						0.4			1042		
BARBADOS																0105
Hospitals	1971	H	800	abo.adm	ABO			160						1000		
National	1968-72	STA		abo.deaths	SP,ILL								5	1000		
National	1973-77	STA		abo.deaths	SP,ILL								2			
BOLIVIA															0105	
National	1969			pregnancies	IND				5*					*1.2-8.5% of pregn.s		
National	1972	H		abo.adm	ABO			20.2D						Social Security Hospitals	0088	

BR P300C SH.01.09.FM4

**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data -	Number or Sample Size	Study Group -	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths			
						Admissions Abor-tion	GYM OBS	Live Births -				Preg nanc ies	Live Births				Women RepAge
BOLIVIA cont. National	1983 P			matern.deaths	IND								130		27		1041
National	1983-84	HS	4371	abo.adm	IND	22.7					0.6					Underest.; Data: age, region, socdem, parity, med, resources, prov, method, ccep	1041
<b>BRAZIL</b> Bahia, Salvador	1980	CS		W, 15-44	ABO				14.2	18.2							0115
Bahia, rural	1980	CS		W, 15-44	ABO				8.2	21.8							0115
Bahia, urban excl.Salvador	1980	CS		W, 15-44	ABO				10.2	20.8							0115
Belo Horizonte	1968	H	4000	abo.adm	IND,SP		40 H								Large hospital		0081
Campinas	1972-79	H	1836	abo.adm	IND	6.9									Data: med, resources		0305
Caxias do Sul	1973	CS		pregnancies	IND				5.2								0115
National	1964			pregnancies	IND,SP				18.2								0105
National	1976	E	875000*	ind.abos	IND											*E 0.5-1.25 million; E based on abo.rate of 0.5-1.5/W and 1976 TFR	0115
National	1980	CS		pregnancies	IND,SP				30								0182
National	1980	STA	2551	matern.deaths	ILL									8.6	Data: age		1372
National	1981 P	E	3000000	ind.abos	IND			80									0115
National	1983	STA	2116	matern.deaths	ABO												0191
National	1987 P	EA	3600000	ill.abos	ILL			95			10	*			*10'500 per100'000 live births		0448
Pernambuco, Recife	1980	CS		W, 15-44	ABO				16.3	20.2							0115

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## UNSAFE ABORTION

Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency					Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor-tion	GYN OBS	Live Births -	Preg nancies			Live Births	Women RepAge			
BRAZIL cont.																
Pernambucco, rural	1980	CS		W, 15-44	ABO				9.3	21.8					0115	
Pernambucco, urban excl. Recife	1980	CS		W, 15-44	ABO				13.3	20.1					0115	
Pernambuco State	1980	CS	1950	W, 15-44	IND,SP				11.7	20.7				Data: socdem, age, ccep, R-U	0009	
Pernambuco State	1980	CS	1254	WM, 15-44	IND,SP					33.1					0009	
Pernambuco State	1980	CS	1358	W, EM, 15-44	IND,SP					32.6					0115	
Piauí, Teresina	1979	CS		W, 15-44	ABO				9.4	13.1					0115	
Piauí, excl. Teresina	1979	CS		W, 15-44	ABO				8.4	19.3					0081	
Porto Alegre	1968	CS	197	families	IND,SP				22.5						0081	
Porto Alegre	1968	CS	197	families	IND				13.6						0616	
Porto Alegre	1970	CS	1211	RS gyn.pats,WM, 15-49	IND				15.0	25.2	2.5			*Sao Jose area; Data: method, socdem	0616	
Porto Alegre	1970	CS	1211	RS gyn.pats,WM, 15-49	SP,IND				27.6					*Sao Jose area	0115	
Porto Alegre	1973	CS		pregnancies	IND				13.2						0115	
Ribeirao Preto	1962-64	STA	5	matern.deaths	ABO							11	19.3	Data: age, socdem, med	0822	
Rio Grande do Norte, urban	1980	CS		W, 15-44	ABO				9.5	15.2					0115	
Rio Grande do Norte, rural	1980	CS		W, 15-44	ABO				8.4	18.0					0115	
Rio Grande do Sul	1974-78	STA	633	matern.deaths	ABO									20 Only 2/127 identified sp.abo	0019	
Rio de Janeiro	1963	CS		WM, 20-50	IND					9.2					0115	
Rio de Janeiro	1963	CS	1585	W,20-25, 1+live birth	IND					10					1392	

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**UNSAFE ABORTION**  
 Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births -				Preg nancies	Live Births			
BRAZIL cont.																
Rio de Janeiro	1964	CS		RS, WM repr.age	ABO			16.7	14.1							0833
Rio de Janeiro	1969	CS		W, low income	IND					22.5						0115
Sao Leopoldo	1973	CS		pregnancies	IND				4.6							0115
Sao Paulo	1962-64	STA	36	matern.deaths	ABO						17		19.5	Data: age, socdem, med	0822	
Sao Paulo	1965	CS		pregnancies	IND				6.2							0115
Sao Paulo	1965	CS		pregnancies	ABO				18.0							0115
Sao Paulo	1965-66	CS	2857	W, 15-49, M 1x	IND			7.3	5.8	10.7	1.8			Data: prov, gest, soc	0519	
Sao Paulo	1965-66	CS	2857	W, 15-49, M 1x	SP,IND			22.3	17.8							0519
Sao Paulo	1970	CS		W, EM	IND				6	9-11						0009
Sao Paulo	1978	CS		W, 15-44	ABO					14.8						0115
Sao Paulo	1978	H	302	abo.adm	ABO			28						Hosp.Santo Andre; Data: age	0877	
Sao Paulo	1982	H	672	abo.adm	ABO			56						Hosp.Santo Andre; Data: age	0877	
Sao Paulo State	1978	CS	2803	W, 15-49	IND,SP				10.9	14.7*				* W, 15-44	0081	
Sao Paulo State	1978	CS	1880	WM, 15-44	SP,IND					21.9				Data: R-U	0081	
Sao Paulo, State of	1980	STA	397	matern.deaths	ILL								13.4		1372	
Sao Paulo, rural	1978	CS		W, 15-44	ABO					16.8						0115
Sao Paulo, urban excl. Sao Paulo city	1978	CS		W, 15-44	ABO					14.1						0115
<b>CANADA</b> National	1960-65			ill.abo.deaths	ILL							0.6				0955

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths			
						Admissions Abor- tion	GYN OBS	Live Births -				Preg nanc ies	Live Births				Women RepAge
CANADA cont. National	1968-72	STA		abo.deaths	SP,ILL								0.2			1000	
<b>CHILE</b>																	
Antofagasta	1963-64	CS	651	RS, W 20-45	ABO					45.8	3.1				1438 abos % W; Data: age, socdem, method, prov.	0303	
Antofagasta	1963-64	CS	651	RS, W 20-45	IND					26.9	3.7				992 ind %W; Data:age, socdem, method, provider	0303	
Arica	1972-79	H	1131	abo.adm	IND	17.1									Data: med, resources	0305	
Cautin, ethn. Mapuches	1969	CS	1200*	RS, W 15-44	IND				0.4	1	1.4				*4'290 pregn.s	1217	
Cautin, ethn. Mapuches	1969	CS	1200*	RS, W 15-44	IND,SP				5.1						*4'290 pregn.s	1217	
Concepcion	1960-64	H	114	matern.deaths	SE,HAE							126	40.4	Data: med, 1950-79		1164	
Concepcion	1963-64	CS	1235	RS, W 20-45	ABO					31.4	2.2				681 abos %W;	0303	
Concepcion	1963-64	CS	1235	RS, W 20-45	IND					14.9	2.0				Data:age, socdem, method, prov 304 ind %W; Data:age, socdem, method, provider.	0303	
Concepcion	1965-69	H	91	matern.deaths	SE,HAE							87	37.4	Data: med, 1950-79		1164	
Concepcion	1970-74	H	85	matern.deaths	SE,HAE							68	25.9	Data: med, 1950-79		1164	
Concepcion	1975-79	H	66	matern.deaths	SE,HAE							126	45.5	Data: med, 1950-79		1164	
National	1960	H	57368	abo.adm	ABO			22.3							Data: resources, cost	0303	
National	1960	STA	833	matern.deaths	ABO							107	16	36.3	Data: yearly 1958-74	0110	
National	1960	STA	48186	abo.adm / nat. stat.	ABO			17.1E		3.0A		0.6	107	19	35.7		1168
National	1960-64	STA	4351	matern.deaths	ABO							109		37.2	Data: yearly 1960-69, prov.	0231	
National	1960-65			ill.abo.deaths	ILL								17				0955

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abortion	GYN OBS	Live Births	Pregnancies				Live Births	Women RepAge			
CHILE cont. National	1961	E	117947	abos	ABO					6.2A					E based on 47% hospitalization	0110	
National	1964	H	56391*	abo.adm / nat. stat.	ABO			18.4			0.6	118		41.6	*866 matern.deaths; Yearly mortality data 1964-77	0161	
National	1964	STA		ind.abo.adm / W 15-49	IND					2.6A					Data: yearly 1956-65, R-U 1961-65	0300	
National	1964	STA	56391	abo.adm/W15-44	ABO		21.2*			3.0A	0.6		19		*% of obs.adm; Data: ccep, var. years 1964-83	1040	
National	1964-66			pregnancies	IND				20*						*16.6-23.2%	0105	
National	1965	E		W repr.age	IND					4.7A					E based on hosp. data	0300	
National	1965	STA	62807*	abo.adm/W repr. age	ABO					3.0A					*incl. priv. hosp.s; Data: yearly 1960-73	0110	
National	1965	H	56130	abo.adm / nat. stat.	ABO		20.7*	20.0							*% of obs.adm; Data: yearly 1964-73	0088	
National	1965	E	147622	abos	ABO										E based on abo.adm; Data: cost	0088	
National	1965	STA	56130	abo.adm / nat. stat.	ABO			18.2E		2.9A	0.5	99	16	35.6		1168	
National	1965			pregnancies	IND				29.6							1215	
National	1965-69	STA	3432	matern.deaths	ABO							89		37.2	Data: yearly 1960-69; prov	0231	
National	1966	E	139571	abos	ABO					6.5A					E based on 45% hospitalization	0110	
National	1967	E	150000	abos	IND			33								0102	
National	1967			abo.adm	ABO		19.6*								*% of obs.adm.	0954	
National	1967 P	H		hospital adm	ABO		8.1H									1392	
National	1968	STA		matern.deaths	ABO							84		39.6	Data: 1963-68	1190	
National	1968	H	349	matern.deaths	ABO			68.4*			0.1*	87		65.9	*E 180'000 abortions	1383	

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
CHILE cont. National	1970	E	137628	abos	ABO										E based on 36% hospitalization	0110
National	1970	H	44771	abo.adm	ABO		17.2*	18.3			0.3	55			*% of obs.adm; Data: yearly 1964-73	0088
National	1970	STA	44771	abo.adm/W 15-44	ABO		17.2*			2.1A	0.4		8		Data: ccep, var. years 1964-83	1040
National	1970	STA	44771	abo.adm / nat. stat.	ABO			17.2E		2.1A	0.4	66	8	39.1	*% of obs.adm.	1168
National	1973	STA	365	matern.deaths	ABO							43	5	32.6	Data: yearly 1958-74	0110
National	1974	H	42160	abo.adm.	ILL		15*								*% of obs.adm.	0668
National	1974	E	132000	ill.abos	ILL			49								0668
National	1975	STA	42155	abo.adm / nat. stat.	ABO			16.6E		1.8A	0.3	48	5	36.3		1168
National	1980	STA	37217	abo.adm/W15-44	ABO		12.1*			1.4A					Data: ccep, var. years 1964-83;	1040
National	1980	STA	38199	abo.adm / nat. stat.	ABO			15.1E		1.4A	0.2	28	3	38.3	*% of obs.adm.	1168
National	1981 P	EA	50000	ill.abos	IND					2.5A					Data: ccep, var. years 1964-83	1040
National	1982	STA	34340	abo.adm/W15-44	ABO		12.0*			1.2A					*% of obs.adm.	1040
National	1982	STA		matern.deaths	ABO							17		32.7	Data: var. years 1964-83	1168
National	1985	STA	32086	abo.adm / nat. stat.	ABO			12.1E		1.1A	0.1	11	1	24.7		0237
National	1986	STA	91	matern.deaths	ABO							17		51.6	Data: annual 1980-86	0507
Rural areas	1962	H		abo.adm, sample	ABO			34.3D								0209
Santiago	1960	STA		abo.adm/W repr. age	ABO					4.2A					Data: 1940-64	0507
Santiago	1961	CS	1890	RS, W<49	ABO			45.6							1 year data, study 1962	

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths			
						Admissions Abor tion	GYN OBS	Live Births				Preg nancies	Live Births				Women RepAge
CHILE cont.																	
Santiago	1961	CS	1890	RS, W<49	IND			22.6		4.3A						1-year data; study 1962	0507
Santiago	1961	CS	1730*	W, 20-44	IND				15.5	4.5A						1-year data; *504 pregnancies	0868
Santiago	1961	CS	1730*	W, 20-44	IND,SP				32.0	8.9A						1-year data; *504 pregnancies	0868
Santiago	1962	H		abo.adm, sample	ABO			24.3D									0507
Santiago	1962	CS	1890	RS, W<49	IND					26.2	2.8					Retrospective study; 738 ind %W; Data: socdem, age, prov, method reason, ccep	0507
Santiago	1962	CS	1890	RS, W<49	SP,IND					46.3	2.5					Retrospective study; 1170 abo %W	0507
Santiago	1962	CS	1890*	W, 18-49	IND				15.6	4.7A						1-year data; *527 pregnancies	0868
Santiago	1962	CS	1890*	W, 18-49	IND,SP				31.2	8.7A						1-year data; *527 pregnancies	0868
Santiago	1962 P	CS	580*	RS, W 20-45	IND					27	3.2					*Preliminary results of first 580 interviews	0875
Santiago	1962 P	EA	50000	abos	IND											E based on pre-study & hosp. adm	0875
Santiago	1962*	CS	1890**	W, 18-49	IND				16.6							*10-year period data; **4'577 pregn.s; 403 ind %W	0868
Santiago	1962*	CS	1890**	W, 18-49	IND,SP				28.6							*10-year period data; **4'577 pregn.s; 693 ind,sp %W	0868
Santiago	1962*	CS	1890	RS, W<49	ABO			40.1								*10-year period data	0507
Santiago	1962*	CS	1890	RS, W<49	IND			23.3								*10-year period data	0507
Santiago	1962-64	CS	49	abo.deaths	ABO								22				0242
Santiago	1962-64	STA	92	matern.deaths	ABO							166		52.5		Data: age, socdem, med	0822
Santiago	1964	STA	24427	abo.adm/W 15-44	ABO					5.1A						Data: Var. years 1964-83	1040

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths			
						Admissions Abor- tion	GYN OBS	Live Births -				Preg nanc ies	Live Births				Women RepAge
CHILE cont. Santiago	1964	H		abo.adm	ABO			37 D								Felix Bulnes Hosp. Data: socec	0954 0833
Santiago	1965 P	CS		W	IND					35.2						Period data for prosp. study group 1969-70; 55 ind %W	0868
Santiago	1965-68	CS	804	W, 25-39	IND				18.8							Period data for prosp. study group 1969-70; 87 ind,sp %W	0868
Santiago	1965-68	CS	804	W, 25-39	IND,SP				29.6							Period data, study 1969-70; 58 ind %W	0868
Santiago	1965-68	CS	675	W, 25-39	IND				19.1							Period data, study 1969-70; 96 ind,sp %W	0868
Santiago	1965-68	CS	675	W, 25-39	IND,SP				31.6							1-year data; *646 pregnancies	0868
Santiago	1966	CS	2388*	W, 20-44	IND				20.1	5.7A						1-year data; *646 pregnancies	0868
Santiago	1966	CS	2388*	W, 20-44	IND,SP				37.2	10.3A							0957
Santiago	1967 P	H		abo deaths	ABO						0.5			50		Data: var. years 1964-83	1040
Santiago	1967	STA	21685	abo.adm/W 15-44	ABO				33.6	7.6A						Prosp.study; Data: 1965-68	0868
Santiago	1969-70	CS	804	W, 25-39	IND				48.2	10.9A						Prosp.study; Data: 1965-68	0868
Santiago	1969-70	CS	804	W, 25-39	IND,SP				48.2	56							0081
Santiago	1969-70	CS	804	WM, 25-39	IND,SP				48.2	56						1-year data; Data: 1965-68	0868
Santiago	1969-70	CS	675	W, 25-39	IND,SP				34.3	7.1A						1-year data; Data: 1965-68	0868
Santiago	1969-70	CS	675	W, 25-39	IND				20.7	4.3A							0081
Santiago	1969-70	CS	675	WM, 25-29	IND,SP				34.3	52.3						Data: var. years 1964-83	1040
Santiago	1970	STA	17991	abo.adm/W 15-44	ABO					2.5A							0102
Santiago	1970's	EA		abos	ILL												

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UNSAFE ABORTION																
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons																
Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W. Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births				Preg nancies	Live Births			
CHILE cont.																
Santiago	1971	H		abo.adm	ABO			27.0							Felix Bulnes Hosp.	0954
Santiago	1972	H	1587	abo.adm	ABO			20.40							Felix Bulnes Hosp.	0954
Santiago	1972-79	H	1701	abo.adm	IND	36.1								Data: med, resources		0305
Santiago	1973-77	STA	410	matern.deaths	ABO							39		42.7	Data: yearly deaths	0090
Santiago	1973-77	H	228	matern.deaths	ABO							65		47.4	Data: yearly deaths;several hosp.s	0090
Santiago	1974	H	3393	abo.adm	ABO			29.1			0.1	26		25	Data: case fatality 1966-74	0233
Santiago	1974	HS	597*	abo.adm	SP,IND			80.1	44.0	1.9					*2598 preg.s incl pres.; Data: socdem cost, med, ccep,age, parity; Felix Bulnes Hosp.	0954
Santiago	1974	HS	597*	abo.adm	SP,IND			38.3	27.3						*2001 previous pregn.; Data: ccep,age,parity;Felix Bulnes H	0954
Santiago	1974	HS	597*	abo.adm	IND			18.6	13.3		0.2				*2001 previous pregn.;Data:age Felix Bulnes Hosp.	0954
Santiago	1976	STA	15329	abo.adm/W 15-44	ABO					1.7A					Data: var. years 1964-83	1040
Santiago	1980	STA	15818	abo.adm/W 15-44	ABO					1.5A					Data: var. years 1964-83	1040
Santiago	1982	STA	14874	abo.adm/W 15-44	ABO					1.3A					Data: var. years 1964-83	1040
Santiago province	1963	E		W, repr.age	IND					4.6A					E based on H; Data: 1965	0300
Santiago province	1966	E		W, repr.age	IND					5.3A					E based on H; Data: 1964	1022
Santiago, Quinta Normal	1962-63	CS	580*	RS, W repr.age	IND			36.1	23.2						*2617 pregn.s; Data: socdem, age; 1048 ind %.W	1150
Santiago, Quinta Normal	1962-63	CS	580*	RS, W repr.age	IND,SP			53.6	34.5						*2617 pregnancies; 1557 ind,sp %.W	1150
Santiago, Quinta Normal	1962-63	CS	448	RS, W repr.age	IND					35.3					Data: age, socdem, parity	1265
Santiago, San Gregorio	1964	CS	1293*	W, 15-44	IND				14.9	4.9A					1-year data; *423 pregn.s; Data: ccep	0868

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## UNSAFE ABORTION

Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths			
						Admissions Abor tion	GYN OBS	Live Births				Preg nancies	Live Births				Women RepAge
CHILE cont.																	
Santiago, San Gregorio	1964	CS	1293*	W, 15-44	IND,SP				31.0	10.1A						1-year data; *423 pregn.s; Data: ccep	0868
Santiago, San Gregorio	1964	CS	6163	W	IND			44.3		2.0A						1-year data	1383
Santiago, San Gregorio	1966	CS	1324*	W, 15-44	IND				12.2	2.9A						1-year data; *311 pregn.s; Data: ccep	0868
Santiago, San Gregorio	1966	CS	1324*	W, 15-44	IND,SP				26.7	6.3A						1-year data; *311 pregn.s; Data: ccep	0868
Santiago, San Gregorio	1966	CS	6666	W	IND			37.9		1.3A						1-year data	1383
Santiago, West distr.	1963	H	3752	abo.adm	ILL						0.5						0299
Santiago, West distr.	1964	CS	15467	IUD acceptors	IND			31.9		43	2.8					1200 ind %.W; Data: parity	0957
Santiago, West distr.	1964	CS	15467	IUD acceptors	SP,IND			45.3								1703 abo %.W	0957
Santiago, area*	1964	STA	5282	abo.adm/W repr. age	ABO					5.2A						*Working class distr.;	0209
Santiago, area*	1968	STA	3727	abo.adm/W repr. age	ABO					2.9A						*Working class distr.;	0209
Santiago, ethn.Mapuches	1962			ind.abos	IND					7							0125
Santiago, ethn.Mapuches	1963	CS	102*	W, 15-44	IND				10.7							*519 pregnancies	1217
Santiago, ethn.Mapuches	1963	CS	102*	W, 15-44	IND,SP				23.9							*519 pregnancies	1217
Santiago, zone V	1964	H		abo.adm	ABO			37D									0954
Santiago, zone V	1971	H		abo.adm	ABO			27D									0954
Talcahuano	1970	H	567	abo.adm	ABO			18.1D								Data: yearly 1970-76	1286
Talcahuano	1970-76	HS	305	10% RS abo.adm	SE, HAE	41.3											1286
Talcahuano	1976	H	520	abo.adm	ABO			14.0D								Data: yearly 1970-76	1286

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<b>UNSAFE ABORTION</b> Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons																	
Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths			
						Admissions Abor- tion	GYN OBS	Live Births -				Preg nanc ies	Live Births				Women RepAge
CHILE cont.																	
Urban, 3 cities	1962-64	CS	3776	RS, W 20-45	ABO					41.3	2.6					1056 abos %.W;Data:age,socdem, method, prov; Cities:Santiago, Conception, Antofagasta	0303
Urban, 3 cities	1962-64	CS	3776	RS, W 20-45	IND					22.6	2.8					640 ind %.W; Data:age, socdem, method, prov; Cities:Santiago, Conception, Antofagasta	0303
Valdivia	1960	STA	583	abo.adm/W repr. age	ABO					3.6A						Data: yearly 1960-80; Fam.pl.progr. 1964	0041
Valdivia	1970	STA	535	abo.adm/W repr. age	ABO					2.7A						Data: yearly 1960-80; Fam.pl.progr. 1964	0041
Valdivia	1972-79	H	604	abo.adm	IND	25.3										Data: med, resources	0305
Valdivia	1977-78	HS	604	RS, abo.adm	IND	36.1						0.9				Fam.pl.progr.1964; Data: soc, parity, ccep, med, method	0041
Valdivia	1977-78	HS	604	RS, abo.adm	ABO						1.6	0.3				Fam.pl.progr. 1964	0041
Valdivia	1980	STA	363	abo.adm/W repr. age	ABO					1.5A						Data: yearly 1960-80; Fam.pl.progr. 1964	0041
<b>COLOMBIA</b>																	
Barranquilla	1969-71	H	4106	abo.adm	IND,SP							0.5				Univ. Hospital	0081
Bogota	1958-62	CS	1500	W, 15-44	ABO				9.8							Period data, study year 1968	0623
Bogota	1962-64	STA	62	matern.deaths	ABO								46		36.5	Data: age, socdem, med	0822
Bogota	1963-66	CS		abos	ABO				11.5							Period data; Study 1968	0462
Bogota	1963-66	CS		W, 20-34	ABO				12.4							Period data	0311
Bogota	1963-66	CS		W, 35-44	ABO				13.5							Period data	0311
Bogota	1963-66	CS	1500	W, 15-44	SP,IND			12.7	11.5							Period data,retrosp.study1968; Data:socdem, age	1249
Bogota	1964	H	1709	obs.adm	ABO		17.3*	22.2								*% of obs.adm	0301

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000				% of all Matern Deaths
						Admissions Abor- tion	GYN OBS	Live Births -	Preg nanc ies				Live Births	Women RepAge			
COLOMBIA cont.	1964	STA		abos	ABO			11.5									0064
Bogota	1964	CS		RS, WM repr.age	ABO			13.0	11.7								0833
Bogota	1964	CS		RS, WM repr.age	IND					30					Data: ccep		0833
Bogota	1965	H	5738	abo.adm	IND	87	16.8										0301
Bogota	1965	H	4738	abo.adm	ABO		18.5H	25.4			0.1	27		10.9			1186
Bogota	1965-66	H	4808	abo.adm	ABO		17.8	24.8									0301
Bogota	1965-66	H	4808	abo.adm	SE	8.1	1.4	2.0			4.4			32.7			0301
Bogota	1965-69	H	25569	abo.adm	IND	82.6								43.4	Data: yearly		0863
Bogota	1966	H	5555	abo.adm	ABO		19.5H	28.0			0.5	126		32.9			1186
Bogota	1966-67	HS	655	abo.adm	IND	67.2											0863
Bogota	1967	CS		W, 20-34	ABO				13.8	2.2A					1-year data		0311
Bogota	1967	CS		W, 35-44	ABO				24.0	1.8A					1-year data		0311
Bogota	1967	CS	1500	W, 15-44	SP,IND			17.8	14.7	1.8A					1-year data, study 1968; Data: socdem, age		1249
Bogota	1968	STA		abos	ABO			14.7									0064
Bogota	1970-78	H	2020	se.abo.adm	SE	3.7					10.4			40.3	Maternal & Child Institute		0081
Bogota	1970-78	H	54705	abo.adm	IND,SP		18 H				0.5				Maternal & Child Institute		0081
Bogota	1971	H	64	matern.deaths	IND							64		23.4			1183
Bogota	1972	H	61	matern.deaths	IND							102		41.0			1183

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor-tion	GYN OBS	Live Births -	Preg nancies				Live Births	Women RepAge			
COLOMBIA cont.																	
Bogota	1973	H		abos	ILL			33								0140	
Bogota	1973	H	84	matern.deaths	IND							180		45.2		1183	
Bogota	1975	CS		abos	ILL			50							Data: age	0064	
Bogota	1976-80	CS	263	matern.deaths	ABO							100		40		1084	
Bogota	1977 P	EA		pregnancies	ILL				33							0064	
Bogota	1977 P	H	30000	gyn+obs adm	ABO		20									0064	
Bogota	1977 P	H	30000	gyn+obs adm	SE	8	2				10					0064	
Bucaramanga	1968 P	H		abo.adm	ABO			1000								0301	
Caldas	1966-68	H	8835	gyn+obs adm	ABO		13.9	18.70		2.3	0.2				Data: age, socdem, med, method gest, cost	0953	
Caldas	1966-68	H	8835	gyn+obs adm	IND	15.5	2.2	2.90								0953	
Cali	1962-64	STA	97	matern.deaths	ABO							80		36.7	Data: age, socdem, med	0822	
Cali	1966-67	CS	1905	RS, W repr.age	IND				14.5						684 ind %W; City 638'000 inh; Data:age, parity, socdem, prov	0301	
Cali	1968 P	H		abo.adm	ABO			330								0301	
Candelaria	1966-67	CS	142	RS, W repr.age	IND				14.0						768 ind %W; Rural 7'600 inh; Data:age, parity, socdem, prov 11 hosp.s	0301	
Hospitals	1968-69	H	6292	abo.adm	IND,SP						0.3					0081	
Hospitals	1974-75	H	2923	abo.adm	IND,SP						0.5				9 hosp.s	0081	
Manizales	1964-65	H	5143	obs.adm	ABO		18.9*								*% of obs.adm	0301	
Manizales	1966-67	CS	1397	RS, W repr.age	IND				16.0						967 ind %W; City 222'000 inh; Data:age, parity, socdem, prov	0301	

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abortion	GYN OBS	Live Births				Pregnancies	Live Births			
COLOMBIA cont. Medellin	1963-72	H	104	matern.deaths	SE, HAE									38.5	Data: 1963-67, 1968-72	0074
National	1965-66			pregnancies	IND				13.6							0105
National	1968-72	STA		abo.deaths	SP, ILL								5		Data for three years of period	1000
National	1969	STA		matern.deaths	ABO							41		18.7	Social Security Hospitals	0088
National	1972	H		abo.adm	ABO			18.30							Data: med, resources	0305
National	1972-79	H	5255	abo.adm	IND	30.3									E based on 58'000 abo.adm.	0117
National	1974	E		ill.abos	ILL					1.2A						1102
National	1974	H	58717	abo.adm	ABO					1.2A						0081
National	1976	CS	5378	W, EM, 15-49	IND, SP				7.5							0463
National	1977	STA		abo deaths	ABO								26			0669
National	1979	E	225000*	ill.abos	ILL			29							*200,000-250,000	0140
National	1980 P	EA	250000	ill.abos	ILL							0.6			1500 ill abo deaths	0191
National	1981	STA	969	matern.deaths	ABO								22	17.2		0219
National	1987 P	EA	280000	ind.abos	IND										Underest.	1055
National	1988 P	E		abos	IND				15							0625
National, rural	1969	CS		W, 15-49	ABO				7.6							0081
National, rural	1969	CS	2736	W, 15-49, 1/3un-M	SP, IND				7.6	16.5						0625
National, urban	1969	CS		W, 15-49	ABO				11.1							

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.		
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths	
						Admissions Abortion	GYN OBS	Live Births	Pregnancies				Live Births	Women RepAge				
COLOMBIA cont. Popayan	1966-67	CS	1001	RS, W repr.age	IND				11.6									
Valle del Cauca	1982-84	STA	139	obs.deaths	SE										38.8*		570 ind %W; City 77'000 inh; Data:age, parity, socdem, prov *% of obs.deaths	0301 1009
Valle del Cauca	1986	STA	31	matern deaths	ILL										38.7			0236
Valle del Cauca	1986	STA	31	matern deaths	ABO										61.3			0236
<b>COSTA RICA</b> National	1962-64			pregnancies	IND				11.1									0105
National	1964	STA	42964	abo.adm	ABO		12*								14		*% of obs.adm; Data: resources	1392
National	1964	CS	2132	W, 20-50	ABO				11.9									1392
National	1968-72	STA		abo.deaths	SP, ILL								1.9					1000
National	1972	STA		matern.deaths	ABO							13		13.1				0125
National	1972	H		abo.adm	ABO			14.4D									Social Security Hospitals	0088
National	1973-77	STA		abo.deaths	SP, ILL								1.5				Data for four years of period	1000
National	1979	STA		abo.deaths	ABO							6						0463
National	1983	STA	1	abo.deaths	ABO							1						0191
National	1984	STA	3	abo.deaths	ABO							4						0230
San Jose	1963	CS		W, 20-49	ABO				12.0									0625
San Jose	1964	CS		RS, WM repr.age	ABO			19.1	16.1									0833
San Jose	1964	CS		RS, WM repr.age	IND					34							Data: ccep	0833

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths			
						Admissions Abortion	GYN OBS	Live Births				Preg nancies	Live Births				Women RepAge
<b>CUBA</b>	1960	STA		matern.deaths	ABO(L)								14		11.6*	*% of obs.deaths; Data: age, 1960-84	0055
National	1968-72	STA		abo.deaths	SP,ILL								2.2			Data for three years of period	1000
National	1970			ind.abos	ILL								22				0055
National	1970	STA		matern.deaths	ABO(L)								22		30.5*	*% of obs.deaths; Data: age, 1960-84	1000
National	1973-77	STA		abo.deaths	SP,ILL								1.4			Data for three years of period	1000
National	1974	STA	33718	non-legal abos	ABO			16.6			0.1	14	1.6	24.7		Data: 1974-82	1122
National	1975	STA		matern.deaths	ABO(L)							12		17.4*	*% of obs.deaths; Data: age, 1960-84	0055	
National	1975	STA	33510	non-legal abos	ABO			17.4			0.1	11	1.1	15.9		Data: 1974-82	1122
National	1978	STA		abo.deaths	ABO							3					0463
National	1980	STA		matern.deaths	ABO(L)							15		29.1*	*%of obs.deaths; Data: age, 1960-84	0055	
National	1980	STA	24898	non-legal abos	ABO			18.2			0.1	10	0.6	18.0		Data: 1974-82	1122
National	1980-83	STA		matern.deaths	ABO(L)							10		22.3*	*% of obs.deaths; Data: age	1107	
National	1984	STA		matern.deaths	ABO(L)							5		15.4*	*%of obs.deaths: Data: age, 1960-84	0055	
<b>DOMINICAN REPUBLIC</b>	1982-85	H	10576	abo.adm	ABO			11.8								MNSA Hosp.	0416
Hospital	1968-72	STA		abo.deaths	SP,ILL								0.9				1000
National	1971	STA		matern. deaths	ABO							4		4.0			0125
National	1973-77	STA		abo.deaths	SP,ILL								1.0			Data for three years	1000

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UNSAFE ABORTION																
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons																
Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
DOMINICAN REPUBLIC cont.																
National	1978	STA		abo.deaths	ABO							5				0463
National	1984	STA	120	matern.deaths	ABO									21.7		0191
National	1984-85	H	24811	abo.adm	ABO		10.7*									0416
National	1985	E	62500*	abos	ABO					4A						0416
National	1985	H	106	matern.deaths	ABO									17		0416
Santiago	1973	H	80	abo.adm/month	IND,SP			140								0827
Santo Domingo	1973	H	270	abo.adm/month	IND,SP			180								0827
Santo Domingo + Santiago	1973	HS	200*	RS,PIND abo.adm	IND,SP				33							0827
<b>ECUADOR</b>																
National	1967			pregnancies	IND,SP				11.1							0105
National	1968-72	STA		abo.deaths	SP,ILL								1.7			1000
National	1971	STA		matern.deaths	ABO							9		4.4		0125
National	1972	H		abo.adm	ABO			16.20								0088
National	1978	STA		abo.deaths	ABO							13				0463
National	1984	STA	384	matern.deaths	ABO							17		8.9		0191
<b>EL SALVADOR</b>																
National	1958-63			pregnancies	IND				17.0							0105
National	1968-72	STA		abo.deaths	SP,ILL								2.3			1000

SESPAS Hosp.; \*% of obs.adm;  
Data: yearly  
\*60000-65000, supported by  
several studies.  
SESPAS Hosp.

Data: socdem, cost;  
appr.1000 pregn.s

Social Security Hospitals

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths		
						Admissions Abor- tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
EL SALVADOR cont.	1969-73	H	42353	abo.adm	IND,SP		4.8 H							Hospitals and Health Centres	0081	
National	1972	STA		matern.deaths	ABO						12		10.2		0125	
National	1972	H		abo.adm	ABO			10.4D						Social Security Hosp.s	0088	
National	1973-74	STA		matern.deaths	ABO						10		11		0761	
National	1975	CS	1745	W, EM	ABO				20					Data: R-U	0761	
National	1975	CS	2125	W, 15-44	SP,IND				14.8						0081	
National	1975	CS	631	WM, 15-44	SP,IND				24.6					Data: R-U	0081	
National	1977	STA		abo.deaths	ABO						7				0463	
National	1978	CS	2322	W, 15-49	SP,IND			6.1	13.3*					*W 15-44	0081	
National	1978	CS	1476	WM, 15-44	SP,IND				19.9					Data: R-U	0081	
National	1984	STA	99	matern.deaths	ABO						5		7.1		0191	
San Salvador	1961 P	E		ill.abos	ILL			100 D							0875	
San Salvador	1972-79	H	1465	abo.adm	IND	40.0								Data: med, resources	0305	
San Salvador	1972-79	H	1585	abo.adm	IND	2.5								Data: med, resources	0305	
San Salvador	1974	H	2838	abo.adm	IND	18.1									1284	
San Salvador	1974	HS	206	10% RS,abo.adm	PILL	32.5									1284	
San Salvador	1974	H	3485	abo.adm/W repr. age*	ABO				1.6A					*in area; Data: socdem	1284	
Sonsonate	1974	HS	49	10% RS,abo.adm	PILL	24.5								Data: age	1284	

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births -				Preg-nancies	Live Births			
EL SALVADOR cont. Sonsonate	1974	H	463	abo.adm/W repr. age*	ABO					0.8A					*in area; Data: age, socdem	1284
<b>GUATEMALA</b> Guatemala City	1962-64	STA	67	matern.deaths	ABO							75		47.2	Data: age, socdem, med	0822
Guatemala City	1972-79	H	3207	abo.adm	IND	8.8									Data: med, resources	0305
National	1964			pregnancies	ILL			7-7.5								0105
National	1968-72	STA		abo.deaths	SP,ILL								2.6		Data for three years of period	1000
National	1971	H		abo.adm	ABO			14.30							Social Security Hosp.s	0088
National	1971	STA		matern.deaths	ABO							13		7.9		0125
National	1978	STA		abo.deaths	ABO							11				0463
National	1978	CS	2684	W, 15-49	SP,IND				5.4	10.6*					*W 15-44	0081
National	1978	CS	2684	WM, 15-44	SP,IND					20.4					Data: R	0081
National	1981	STA	326	matern.deaths	ABO							9		8.6		0191
<b>GUYANA</b> National	1971	H	1962	abo.adm	ABO			280			0.4	1140				0105
National	1977	STA		abo.deaths	ABO							26				0463
National	1979	STA	4	abo.deaths	ABO							17				0191
<b>HONDURAS</b> Hospital	1962-63	H	602	abo.adm	ABO		17.5*			1.1					*% of obs.adm; Data: resources	1392

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths		
						Admissions Abor- tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
HONDURAS cont.	1962-63			pregnancies	IND				17.5							0105
National	1968-72	STA		abo.deaths	SP,ILL							1.3				1000
National	1971	H		abo.adm	ABO			22.20						Social Security Hosp.s		0088
National	1972	STA		matern.deaths	ABO						4		2.0			0125
National	1973-77	STA		abo.deaths	SP,ILL							0.3		Data for four years		1000
National	1978	STA		abo.deaths	ABO						3					0463
National	1982	STA	149	matern.deaths	ABO						6		6.0			0191
National	1983	STA	7	abo.deaths	ABO						4					0230
San Pedro Sula	1972-79	H	823	abo.adm	IND	3.2								Data: med, resources		0305
Tegucigalpa	1972-79	H	1114	abo.adm	IND	10.6								Data: med, resources		0305
<b>JAMAICA</b>																
Kingston	1964-68	H	10829	abo.adm	ABO			14.5			0.2	25	23.2	Data: med		0154
Kingston	1964-68	H	82	matern.deaths	ILL	33*						17	15.9	Data: med; *Low E 1/3 abo.adm are ill		0154
Kingston	1971	H	2586	abo.adm	ABO			18.40			0.2					0105
Kingston	1971	H	5	abo.deaths	IND,SP								33.3	Victoria Jubilee Hosp.		0081
National	1960-64	STA	593	matern.deaths	ABO							13	7.2			0154
National	1964-68		82	matern.deaths	ABO								23.2			0105
National	1968-72	STA		abo.deaths	SP,ILL								1.6	Data for three years		1000

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor-tion	GYN OBS	Live Births -	Preg nancies				Live Births	Women RepAge			
JAMAICA cont. National	1977-79	STA	85	matern.deaths	ABO							6		11.8	Data: various periods 1950-83	1177	
National	1981-83	VAR	192	matern.deaths	IND							5		4.7		0321	
<b>MEXICO</b>																	
Merida	1979-80	HS	170	abo.adm	IND	7*									*In follow-up of 118/158 sp. abos 77% admitted ind.abo	1282	
Merida	1979-80	HS	170	abo.adm	ABO			100		1.6					Data:age, socdem, parity,gest, resources; At least 60% ind	1282	
Mexico City	1961	H		abo.adm	SP,ILL		12									1215	
Mexico City	1961	H		abo.adm	ABO			17 D							Hosp. de la Mujer	0875	
Mexico City	1961	H		abo.adm	IND			20 D							Hosp. Juarez	0875	
Mexico City	1962-64	STA	80	matern.deaths	ABO							34		19.9	Data: age, socdem, med	0822	
Mexico City	1964	CS		RS,WM repr.age	ABO			18.4	15.5							0833	
Mexico City	1964	CS		RS, WM repr.age	IND					35					Data: ccep	0833	
Mexico City	1964 P	HS	1000	RS, fam.pl.pats	ILL				13.0	30.7	2.6				Data:soccec,method,prov, reason	0875	
Mexico City	1965	H		abo.adm	SP,ILL		25									1215	
Mexico City	1967-68	CS	1753	RS, W 16-49	IND,SP					26.7						0799	
Mexico City	1967-68	CS	1343	RS, W,EP, 16-49	IND,SP					34.8					Data: socdem	0799	
Mexico City	1967-71	HS	61964	abo.adm	ABO		14			4.4A*					*% of W 15-44 in Hosp.area; IMSS Hosp.s, low soccec;	0799	
Mexico City	1967-71	HS	61964	abo.adm	PIND	80	11			3.5A*					Data: socdem	0799	

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## UNSAFE ABORTION

Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths			
						Admissions Abor tion	GYN OBS	Live Births -				Preg nancies	Live Births				Women RepAge
MEXICO cont.	1967-71	EA		ind.abos	IND					12A*						*7-17.5%; E based on HS	0799
Mexico City	1967-71	HS	3714*	aborteas, ccep acceptors abo.adm	IND			34.9		3.1						*32'657pregn.s; retrosp.study; IMSS hosp.s, low socec	0799
Mexico City	1970 P	H			PIND	64.5										23* % of obs.deaths	1215
Mexico City	1971-74	H	129	obs.deaths	SE											Data: med, resources	1334
Mexico City	1972-79	H	340	abo.adm	IND	3.8							1.6				1000
National	1968-72	STA		abo.deaths	SP,ILL											E based on HS	0799
National	1971	EA	700000	ind.abos	IND					7A							0125
National	1972	STA		matern.deaths	ABO							8		6.2		Social Security Hosp.s	0088
National	1972	H		abo.adm	ABO			13.5D									0463
National	1976	STA		abo.deaths	ABO							7					0105
National	1977 P			pregnancies	IND				13.9								0102
National	1980 P	E	100000	ill.abo deaths	ILL								7			*More than 100'000	0191
National	1982	STA	2166	matern deaths	ABO												1244
National	1984 P	E	140000	ill.abo deaths	ILL												0219
National	1987 P	EA	800000	ind.abos	IND												
<b>NICARAGUA</b>																	
Managua	1968-69	H	2746	abo.adm	ABO			13.9D	12.1							Hospital General	0866
Managua	1968-69	H	2746	abo.adm	ILL	1.8		0.2D	0.2							Hospital General	0866

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**UNSAFE ABORTION**  
 Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor-tion	GYN OBS	Live Births -	Preg-nancies				Live Births	Women RepAge			
NICARAGUA cont.																	
National	1972	H		abo.adm	ABO											Social Security Hosp.s	0088
National	1973-77	STA		abo.deaths	SP, ILL								1.2			Data for four years	1000
National	1977	STA	4	abo.deaths	ABO							4					0191
National	1979	STA		matern.deaths	ABO							13		9.5			0125
<b>PANAMA</b>																	
National	1968-72	STA		abo.deaths	SP, ILL								2.1				1000
National	1972	STA		matern.deaths	ABO							9		8.1			0125
National	1974	STA		abo.deaths	ABO							2					0463
National	1976	CS	3701	WM, 20-44	SP, IND				7.1								0081
National	1977 P			pregnancies	IND, SP				30								0105
Panama City	1959-63	CS	1500	W, 15-44	ABO				11.8							Period data, study year 1969	0623
Panama City	1963	CS		W, 20-49	ABO				9.8								0625
Panama City	1963-66	CS		W, 20-34	ABO				16.3	3.7A						Period data	0311
Panama City	1963-66	CS		W, 35-44	ABO				26.0	1.1A						Period data	0311
Panama City	1963-67	CS	1500	W, 15-44	SP, IND				20.3	16.5						Period data, retrosp.study 1969 ;Data:socdem, age	1249
Panama City	1964	CS		RS, WM repr.age	ABO				14.8	21.1							0833
Panama City	1967	CS		W, 20-34	ABO				16.3	3.3A						1-year data	0311
Panama City	1967	CS		W, 35-44	ABO				43.8	2.3A						1-year data	0311

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## UNSAFE ABORTION

Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths			
						Admissions Abortion	GYN OBS	Live Births				Pregnancies	Live Births				Women RepAge
PANAMA cont. Panama City	1968	CS	1500	W, 15-44	SP,IND			25.0	19.2	2.7A						1-year data, study 1969; Data: socdem, age	1249
Panama City	1972-79	H	1248	abo.adm	IND	53.4										Data: med, resources	0305
<b>PARAGUAY</b> Asuncion	1961-65	CS	1500*	W, 15-44	ABO				11.5							Period data, study year 1971; *appr.	0623
Asuncion	1965	CS		W, 15-44	ABO			24.5	19.2	1.5A						Data: 1965-71, other areas	0625
Asuncion	1966-69	CS	1500*	W, 15-44	SP,IND				23.7	3.5A						Period data,retrosp.study 1971 ;Data:socdem, age; *appr.	1249
Asuncion	1969	CS		W, 15-44	ABO			28.9	22.3	3.3A						Data: 1965-71, oth areas	0625
Asuncion	1970	CS	1500*	W, 15-44	SP,IND				14.6							1-year data, study 1971; Data: socdem, age; *appr.	1249
Asuncion	1971	CS		W, 15-49	ABO				19.0							Data: 1965-71, oth. areas	0625
National	1961-65			pregnancies	IND								8.2				0105
National	1968-72	STA		abo.deaths	SP,ILL								84		20.2		1000
National	1971	STA		matern.deaths	ABO											Social Security Hospitals	0088
National	1971	H		abo.adm	ABO			18.2D						8.5		Data for four years of period	1000
National	1973-77	STA		abo.deaths	SP,ILL											Data: R-U, soc	0772
National	1977	CS	1233	W, EM, 15-44	SP,IND					23							0081
National	1977	CS	2048	W, 15-44	SP,IND				7.4	15.3							0463
National	1978	STA		abo.deaths	ABO								70				0191
National	1984	STA	155	matern.deaths	ABO								34		12.3		

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**U N S A F E   A B O R T I O N**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	Live Births -	Preg-nancies	% of Women Ever/A Abort.			Live Births	Women RepAge			
<b>PERU</b>																
Cerro de Pasco	1968 P	CS		W	ABO			5.3	20							0102
Lima	1961-65	CS	1500	W, 15-44	ABO			8.0							Period data, study year 1970	0623
Lima	1962-64	STA	84	matern.deaths	ABO						21		13.5	Data: age, socdem, med	0822	
Lima	1964	CS		W, 20-44	ABO			17.5	30							0102
Lima	1964	CS	500*	RS, W, 20-39	ABO			15						*1662 pregnancies; Data: socec	1264	
Lima	1964	CS	500*	RS, W, 20-39	PIND			5						*1662 pregnancies; Data: socec	1264	
Lima	1965-68	CS		W, 20-34	ABO			10.8						Period data	0311	
Lima	1965-68	CS		W, 35-44	ABO			19.1						Period data	0311	
Lima	1965-68	CS	1500	W, 15-44	SP, IND			14.4	12.3					Period data, retrosp. study 1970	1249	
Lima	1967 P	HS	939	W	ABO			17.8						;Data:socdem, age	0102	
Lima	1967 P		500	W, 20-39	IND			5								1392
Lima	1969	CS		W, 20-34	ABO			21.4	4.8A					1-year data	0311	
Lima	1969	CS		W, 35-44	ABO			25.0	1.6A					1-year data	0311	
Lima	1969	CS	1500	W, 15-44	SP, IND			29.4	22.7	3.2A				1-year data, study 1970; Data: socdem, age	1249	
Lima	1972-79	H	1844	abo.adm	IND	3.5								Data: med, resources	0305	
National	1960			pregnancies	IND			5.5*						*3.8-7.2%	0105	
National	1968-72	STA		abo.deaths	SP, ILL							2.2				1000
National	1970			matern.deaths	ABO						17		7.7			0125

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## UNSAFE ABORTION

Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abortion	GYN OBS	Live Births				Pregnancies	Live Births			
PERU cont.	1977	H	9287	abo.adm	ABO		10.2	13.7				0.2	28	20.7	Data: med, distr.	0102
National	1977	H	9287	abo.adm	IND	84.7	8.6	11.6					13		Data: distr.	0102
National	1978	STA		abo.deaths	ABO							0.3	43	25.9	Data: med, distr.	0463
National	1978	H	4651	abo.adm 6months	ABO		10.5	14.3							Data: med, distr.	0102
National	1978	H	4651	abo.adm 6months	IND	82.9	8.7	11.8					11	12.5	Data: distr.	0191
National	1982	STA	576	matern.deaths	ABO									21.4	Data: med, gest.	1160
National	1985	H	168	matern.deaths	SP,IND									16.1		1160
National	1985	H	168	matern.deaths	ILL											1000
<b>PUERTO RICO</b>													0.2			1000
National	1968-72	STA		abo.deaths	SP,ILL								0.3		Data for three years of period	1000
National	1973-77	STA		abo.deaths	SP,ILL									8.2	Data for three years of period	1000
<b>TRINIDAD AND TOBAGO</b>														4.9	Data for four years of period	1000
National	1968-72	STA		abo.deaths	SP,ILL											0463
National	1973-77	STA		abo.deaths	SP,ILL								33			0191
National	1977	STA		abo.deaths	ABO								41			0230
National	1981	STA	13	abo.deaths	ABO								24			0105
National	1983	STA	8	abo.deaths	ABO										Data: cost	
Port of Spain	1964 P	H		abo.adm	ABO				34.6							

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor- tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
TRINIDAD AND TOBAGO cont. Port of Spain	1971	H	2803	abo.adm	ABO			350								0105
<b>URUGUAY</b> Montevideo	1964 P			ill.abos	ILL			300								0955
National	1968			pregnancies	IND				32.6							0105
National	1968-72	STA		abo.deaths	SP,ILL							1.7				1000
National	1971	STA		matern deaths	ABO							8		11.4		0125
National	1973-77	STA		abo.deaths	SP,ILL								1.4		Data for four years of period	1000
National	1978	STA		abo.deaths	ABO							8				0463
National	1984	STA	5	abo.deaths	ABO							10				0191
National	1985	STA	23	matern.deaths	ABO									26.1		0230
<b>USA</b> Atlanta	1969	H	96	L+ill abo.adm	ILL	68.8		1.1								0362
Atlanta	1970	H	204	L+ill abo.adm	ILL	34.8		1.2								0362
Atlanta	1971	H	585	L+ill abo.adm	ILL	15.7		1.6								0362
Atlanta	1972	H	1272	L+ill abo.adm	ILL	3.8		0.9								0362
California	1957-62	STA	551	matern deaths	IND									15.4		1351
California	1957-62	STA	551	matern deaths	ABO									19.6	excl. 1 therapeutic abo.	1351
California	1957-65	HS	1063*	matern.deaths	ILL									21.0	1063/1288 reported;Data:socec, method, prov, parity, age, med, resources	0874

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths		
						Admissions Abor- tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
USA cont.								26.7	18.3							0874
California	1958-64	EA	100000	ill.abo.deaths	ILL								28.4			0033
California	1967			matern.deaths	ABO										*excl.7 therapeutic	1332
Chattanooga	1964-65	H	738*	abo.adm, non-L	ABO			11.90							*excl.7 therapeutic	1332
Chattanooga	1964-65	H	738*	abo.adm, non-L	SE	2.8		3.40							*excl.7 therap.; Data: method	1332
Chattanooga	1964-65	H	738*	abo.adm, non-L	ILL	2.6		3.10							*two year period	1332
Detroit	1960's*	H	662	septic abos	SE						0.3					0247
Georgia	1960-64	STA	270	matern deaths	ILL							11	20.7	Data: ethn, age		0033
Georgia	1963-72	H*		matern.deaths	ABO								62	*urban charitable hospital		0247
Georgia	1965-69	STA	177	matern deaths	ILL								6	Data: ethn, age		0366
Los Angeles	1966	H	648	L+se abo.adm	SE	99.6		7.2								0366
Los Angeles	1967	H	645	L+se abo.adm	SE	98.9		7.7								0366
Los Angeles	1968	H	828	L+se abo.adm	SE	84.6		7.1								0366
Los Angeles	1969	H	1146	L+se abo.adm	SE	48.8		5.6								0366
Los Angeles	1970	H	3774	L+se abo.adm	SE	8.1		3.1								1332
Michigan	1960-64	STA	120	abo deaths	ABO							13	37.4	Data: yearly, gest, soc		0462
National	1960's	EA	1000000	ill.abos	ILL			30							Data:ethn	0247
National	1960-64	STA		matern deaths	ILL								7			0514
National	1964 P	E	1000000	ill.abos	ILL				20			0.5				

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor-tion	GYN OBS	Live Births -	Preg nanc ies				Live Births	Women RepAge			
USA cont. National	1965-67	STA		matern deaths	ILL							5		16.7	Data:ethn	0247	
National	1967	E	829000	ill.abos	ILL			23.5							E based on N.C. study	0401	
National	1967 P	E	.3-2mil	ill.abos	ILL				20-25		0.3			45	Data: age, socdem	1393	
National	1968	STA		abo deaths	ABO								0.3		Data:yearly 1968-73, ethn	0094	
National	1968 P	E	5000	abo.deaths	ILL				20		0.4				E 1'200'000 ill.abos	0872	
National	1968-69	STA	111	ill.abo deaths	ILL										Data:yearly 1970-82	0192	
National	1968-72	STA		abo.deaths	SP,ILL									0.3		1000	
National	1971	STA	65	ill.abo deaths	ILL										Data:yearly 1968-82	0192	
National	1971	STA		abo deaths	ABO									0.2	Data:yearly 1968-73, ethn	0094	
National	1972	STA	90	abo.deaths	ILL										43% ill.abos (39);Data:1972-83	0397	
National	1972	E	130000	ill.abos	ILL						0.03				39 deaths and E ill. abos	0550	
National	1975	STA	5	ill.abo deaths	ILL										Data:yearly 1968-82; +1 PILL	0192	
National	1975	STA	48	abo.deaths	ILL										8% ill.abos (4); Data: 1972-83	0397	
National	1975-77	STA	8	ill.abo deaths	ILL											0286	
National	1975-79	EA	11300*	ill.abos	ILL										*E range 5'000-23'000	0023	
National	1976	STA	3	ill.abo deaths	ILL										Data: 1972-76	0471	
National	1978	STA		ill.abos	ILL						0.05					0103	
National	1980	STA	17	abo.deaths	ILL										6% ill.abos (1); Data: 1972-83	0397	

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## UNSAFE ABORTION

Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths		
						Admissions Abor- tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
USA cont. National	1983	STA	14	abo.deaths	ILL										7% ill.abos (1); Data: 1972-83	0397
National	1985	STA	1	ill.abo deaths	ILL						0.05*				*E 25 deaths	1043
New York City	1960-70	EA	50000	ill.abos	ILL											1215
New York City	1962	H		abo.adm	SP,ILL		10H							45		0033
New York City	1963			matern.deaths	ABO				8.3*						*abo attempts; Data: method	0253
New York City	1965-67	CS	889	WM, 18-38	ILL					24.4					*RRT; Data: ethn.	0483
North Carolina, urban	1968	CS*	1251	W, 18-44	ILL							11		100	Data: age, socdem, med	0822
San Francisco	1962-64	STA	1	matern.deaths	ABO									50		0033
Texas	1969-73			matern.deaths	ABO							11				0341
Texas	1977	H	180	abo.adm	ILL	5										
<b>VENEZUELA</b>																
Caracas	1959-63	H	41816	abo.adm	ABO		19.9					0.2		31.2	Data: 1939-70, parity	1215
Caracas	1962-64	STA	46	matern.deaths	ABO								45	46.4	Data: age, socdem, med	0822
Caracas	1964	CS		RS, WM repr.age	ABO			19.7	16.3							0833
Caracas	1964	H		abo.adm	ABO		19.6	25							Data: ccep	0833
Caracas	1964	CS		RS, WM repr.age	IND					31					*% of obs.adm.; Data: method	0004
Caracas	1964-72	H	471715	obs.adm	ABO		17.5*	22.0				0.2	38	37.2	Data: yearly, method	0004
Caracas	1964-72	H	471715	obs.adm	SE											

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
VENEZUELA cont.																
Caracas	1964-68	H	49652	abo.adm	ABO		20.1				0.2			41.2	Data: 1939-70, parity	1215
Caracas	1969-70	H	21840	abo.adm	ABO		20.2				0.2			27.6	Data: 1939-70, parity	1215
Caracas	1969-70	H	123	matern.deaths	SE									20.3	Data: 1939-70	1215
Caracas	1973	H		abo.deaths	IND,SP									70	Concepcion Palacios Maternity	0081
Caracas area	1960-64		242	matern.deaths	ABO							39		38.7	Data: 5 year intervals 1950-69	1271
Caracas area	1960-64		242	matern.deaths	SE							35		34.7	Data: 5-year intervals 1950-69	1271
Caracas area	1965-69		236	matern.deaths	ABO							36		44.8	Data: 5 year intervals 1950-69	1271
Caracas area	1965-69		236	matern.deaths	SE							32		40.2	Data: 5-year intervals 1950-69	1271
Hospitals	1976-78	H	899	abo.adm	IND	1.4										0202
Hospitals	1976-78	H	899	abo.adm	PPIND	53.5					0.02				Data: socdem, med, resources	0202
Maracaibo	1961-67	H	84	matern.deaths	SE							34		27.4	Data: age	0221
Maracaibo	1961-67	H	84	matern.deaths	SE, HAE							40		32.1	Data: age	0221
National	1968			pregnancies	IND,SP				19.6							0105
National	1968-72	STA		abo.deaths	SP, ILL								3.4			1000
National	1972	STA		matern deaths	ABO							23		24.2		0125
National	1972	H		abo.adm	ABO			16.90							Social Security Hospitals	0088
National	1973-77	STA		abo.deaths	SP, ILL								2.4		Data for four years	1000
National	1978	STA		abo.deaths	ABO							13				0463

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.		
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000				% of all Matern Deaths	
						Admissions Abor- tion	GYN OBS	Live Births -	Preg nancies				Live Births	Women RepAge				
VENEZUELA cont. National	1983	STA	303	matern deaths	ABO								12		19.8		0191	
<b>EMRO</b>																		
<b>EGYPT</b>																		
Alexandria	1962-71	H	29246	abo.adm	ABO		25.8H	53.7D									Shatby Hosp.	0174
Alexandria	1965	H		abo.adm	ILL,SP			58.8									Shatby Hosp.	0174
Alexandria	1965	H	2569	abo.adm	ABO		36.7	57.9D									University Hosp.	0075
Alexandria	1971 P	HS		pregnancies	ABO				28.4								Shatby Hosp.; retrosp. study	0174
Alexandria	1972 P	PP		pats, repr.age	ABO					38.5								0174
Alexandria	1972 P	PP		pats, repr.age	IND					25.7								0174
Alexandria	1974-77	HS	5171*	RS, abo.adm	ILL			1.0	0.8								*13'584 previous pregn.s (incl. 5 ther.abos)	0174
Alexandria	1974-77	HS	5171*	RS, abo.adm	ABO			28.9	22.1								*13'584 previous pregn.s (incl. 5 ther.abos); Data:socdem, med	0174
Alexandria	1974-77	HS	5171*	RS, abo.adm	ABO			78.7	43.5								*18'750 pregn.s (incl.18 ther.abos), incl. pres. pregn.	0174
Alexandria	1974-77	HS	5171	RS, abo.adm	ILL*	2.9											*admitted ill.; Data: socdem, method, med, method, med	0174
Alexandria	1974-77	HS	5031*	RS, previous abortees	ILL					8.1	1.3						* Appr.19'800 pregn.s; Data: socdem, ccep, method, med	0174
Alexandria	1974-77	HS	5031*	RS, previous abortees	ABO			68.4	39.6		1.6						*Appr. 19'800 pregn.s; Data: socdem, med, ccep, method	0174
Alexandria	1974-77	H		abo.adm	ABO							0.1						1046
Alexandria	1974-77	H		abo.adm	IND	5.6												1046
Alexandria	1974-77	H		abo.adm	ILL							3.3					18'732 pregn. outcomes (excl. ther.abo), incl. present abo or pregn.	1046

**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000				% of all Matern Deaths
						Admissions Abor- tion	GYN OBS	Live Births -	Preg nanc ies				Live Births	Women RepAge			
EGYPT cont. Alexandria	1978 P	CS	995	RS,W postpartum	ABO					16.5							1188
Cairo	1967	H	1840	abo.adm	ABO		33.2	49.60								Ain Shams Hosp.	0075
Cairo	1969	HS	500*	RS, abo.adm	IND			2.5	2.0							Retrosp.study; *2104 previous pregn.s; 84 ind%.W; Data: age	0075
Cairo	1969	HS	500*	RS, abo.adm	ABO			28.9	22.4							Retrosp.study; *2104 previous pregn.s; 944 abos%.W; Data: age, socdem, med, gest	0075
Cairo	1969	HS	610*	RS,fam.pl.pats	ABO			20.8	16.8							Retrosp.study; *3695 pregn.s; 1015 abos%.W	0075
Cairo	1969	HS	610*	RS,fam.pl.pats	IND			6.9	5.5							Retrosp.study; *3695 pregn.s; 334 ind%.W	0075
Cairo	1969	HS	300*	RS, del.adm	ABO			14.1	12.4							Retrosp.study; *1356 previous pregn.s; 560 abos%.W; Data: age, socdem	0075
Cairo	1969	HS	300*	RS, del.adm	IND			3.5	3.1							Retrosp.study; *1356 previous pregn.s; 140 ind%.W; Data:age	0075
Cairo	1969	PP	500*	RS, priv.pats, multiparous	ABO			25.6	20.4							Retrosp.study; *1247 pregn.s; 508 abos%.W	0075
Cairo	1969	PP	500*	RS, priv.pats, multiparous	IND			8.1	6.4							Retrosp.study; *1247 pregn.s; 160 ind%.W	0075
Cairo	1969	H	1620	abo.adm	ABO		36.5*	57.60			0.1					* % of obs.adm.; Data: med; Kasr-El-Aini Hosp.	0075
Cairo	1969	H	1620	abo.adm	SE	10.1	3.7				0.1						0075
Cairo	1971 P	PP	2600	priv.gyn.pats	IND					21.2							1358
Cairo	1971 P	PP	2600	priv.gyn.pats	ABO					38.5							1358
Cairo	1972 P	H		gyn+obs adm	IND		35.5									Cairo Univ. Hosp.	0174
Cairo	1973-74	H	388	abo.adm	IND,SP						0.3					El Galaa Hosp.	0081
Cairo	1974 P	H	388	abo.adm	IND	37.6										Data: age, med, parity, gest, ccep	1382

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor tion	GYN OBS	Live Births	Preg nanc ies				Live Births	Women RepAge			
EGYPT cont.	1975-76	H	9	abo.deaths	ABO									9.8	Gala & Hussein Hosp.	1046	
Cairo	1979-83	H		abo.adm	SE	3.9					1.7					1046	
Cairo	1980-84	H	3	abo.deaths	ABO									3.4		1046	
Cairo, Mansoura, Banha	1964-73		1158	matern.deaths	ABO									6.1		1155	
Hospital	1972 P	H	800	abo+del adm	IND				35.5							0105	
Menoufia	1981-83	CS	437	matern.deaths	ABO							8		4		1084	
Menoufia	1981-83	CS	437	matern.deaths	SE, HAE									3.9		1151	
Menoufia Govenorate	1981-83	STA	385	matern.deaths	IND							3	0.7	1.6		1363	
Menoufia Govenorate	1981-83	STA	385	matern.deaths	ABO							10	3	5.5		1363	
National	1968-72	STA		abo.deaths	SP, ILL								1.1		Data for three years of period	1000	
National	1973	STA	1158	matern.deaths	ABO									6.1		0056	
National	1973	STA	71	abo.death	ABO*									6	*incl. 2 legal abo deaths	1156	
National	1973	STA	69	non-L abo.death	ABO									6.2		1046	
National	1973-77	STA		abo.deaths	SP, ILL								0.7		Data for three years of period	1000	
National	1979	CS		RS	ABO					41						0174	
National	1979	CS		RS	IND					10						0174	
National	1982 P	CS	12970	W,EP, 16+	IND					8.5					Data: R-U, pregn.wastage	1106	
National	1982 P	CS	12970	W,EP, 16+	IND,SP					10.1	1.4				Data: R-U, pregn.wastage	1106	

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
EGYPT cont. National	1986 P			ind.abo	IND									5*	*4.1-6.1%	0060
Shobra	1980-85	H	4	abo.deaths	ABO									5.7		1046
Tanta	1971-73	H		abo.adm	ABO						0.9					1156
Tanta	1971-73	H		septic abos	SE	13.6					5.7					1046
Upper Egypt	1981-85		24	abo.deaths	ABO									5.2		1046
Upper Egypt	1984-85	HS	73	matern.deaths	ABO							12		4.1	Prosp. study	0056
Upper Egypt, 3 govern.*	1981-83	HS	386	matern.deaths	ABO							106		5.4	*Assiut, Suhag, Kena	1155
Upper Egypt, Assiut	1981-83	H	105	matern.deaths	ABO							194		12.3		1155
Upper Egypt, Kena	1981-83	H	83	matern.deaths	ABO							80		4.8		1155
Upper Egypt, Suhag	1981-83	H	198	matern.deaths	ABO							49		2.0		1155
Village, Al Beheira	1969-70	CS	132*	WM, pregnant	ABO			23.8	18.9	7.4A						1191
Village, Alexandria area	1970 P	CS		WM, 15-45	ABO				16.4						Prosp. study; *of 340 WM 15-45 ; Data: age, parity, gest Retrosop.study	0174
<b>IRAN, ISLAMIC REP.</b>	<b>O</b>															
Fars Province, S. Iran	1970-76	H	96	matern deaths	SE									7.3		1335
National	1972 P			ind.abos	IND				15-20							1067
Shiraz	1963-69	H	96	matern.deaths	ABO									14.6		0585
Teheran	1960	H	1446	abo.adm	ABO		10.2	13.20							Data: yearly 1960-67	1258
Teheran	1967	H	7701	abo.adm	ABO		16.3	20.00							Data: yearly 1960-67	1258

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abortion	GYN OBS	Live Births				Pregnancies	Live Births			
IRAN, ISLAMIC REP. O cont. Teheran	1968-69	HS	1009	abo.referrals	SP,IND										Data: age, parity, gest	1258
Teheran	1968-69	HS	1009	abo referrals	PIND	43										1258
Teheran	1969-70	H		Fam.pl.records	IND					15					Lower middle class mainly	1067
Teheran	1972	CS	452	W, pregnant	IND,SP				24.3						Prosp. study; high soccc	1067
Teheran	1972	CS	452	W, pregnant	IND				13.1						Prosp. study; high soccc	1067
Teheran	1973-74	HS	99*	abo.adm	IND			10.8	7.4						*469 prev. pregn.s; Data:age	0516
Teheran	1973-74	HS	99*	abo.adm	SP,IND			72.8	41.4	2.4					*469 prev.pregn.s + pres. abo	0516
<b>IRAQ</b> Baghdad	1964-70	H	5	abo.deaths	IND,SP									9.4	Karkh Maternity Hosp.	0081
Basrah area	1980 P	CS	4813	W, repr.age	ABO				2.6	12.6					Data: age, parity, socdem, ccep, pregn. wastage	1270
<b>JORDAN</b> Jerusalem	1964	H		abo.adm	IND	90	28.5									1391
Jerusalem	1967 P	PP	1000	priv.pats	ILL*					7.8					*admitted	1391
Jerusalem	1967	H	1000	W, fam.pl.clin	ILL*					7.7					*admitted	1391
Jerusalem	1967	PP	1000	priv.pats	ABO					22.5						1391
Jerusalem	1967	H	1000	W, fam.pl.clin	ABO					45.5						0174
National	1967 P	H		gyn+obs adm	ABO		31.7									
<b>KUWAIT</b> National	1969-73	H	18300	abo.adm	ABO		16.3	23.9			0.01	3	4.3		Data: yearly	0106

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UNSAFE ABORTION																
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons																
Region, Country or Area	Year	Data Characteristics				Frequency					Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000				% of all Matern Deaths
						Admissions Abor- tion	GYN OBS	Live Births				Preg nanc ies	Live Births			
<b>KUWAIT cont.</b>																
National	1972 P	H	8000	abo.adm.	SP,ILL			25							0174	
National	1973-77	H	21018	abo.adm	SP,PIND			20.00		2.6	0.01	20	5*	* % of obs.deaths; public hosp.s; Data: age, gest	0389	
Private hospitals	mid 70s	H	1095	abo.adm	ABO			18.90							0389	
<b>LEBANON</b>																
Beirut	1961-71	H	3190	abo.adm	IND,SP						0.5			American Univ. Hosp.	0081	
Beirut	1971-82	H	45	matern.deaths	ABO							11	8.9		1309	
Beirut	1971-82	H	45	matern.deaths	SE							6	4.4		1309	
<b>MOROCCO</b>																
National, hospitals	1962	STA	20	abo.deaths	ABO							4			0777	
<b>PAKISTAN</b>																
Hyderabad	1961-64	H	2091	abo.adm	SP,IND	19.9		50.00			0.2	960	5.6	Data: yearly	0010	
Hyderabad	1961-66	H	108	matern.deaths	SP,IND								6.5		0010	
Karachi	1979-83	H	3249	abos	ABO			70.00			0.5	3450	12.6		0061	
Karachi	1979-83	H	127	matern.deaths	IND							650	2.4		0061	
Karachi	1979-83	H	127	matern.deaths	SE,HAE							3230	11.8		0061	
Saddar, Lahore	1963-65	CS	1447	WM 10-50, pregn.	ILL			7.1	5.7					Data: gest, soc.	0467	
<b>SAUDI ARABIA</b>																
Riyadh	1978-80	H	29	matern.deaths	ABO							5	10.3		1308	

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abortion	GYN OBS	Live Births				Preg nancies	Live Births			
<b>SUDAN</b>																
Khartoum	1974	HS	1224	abo.adm	SE	0.4										0271
Khartoum	1977 P	HS	2788	abo.adm	SE	0.4									Data: socdem, ccep	0308
Khartoum	1984-85	H	110	matern.deaths	ABO									7.3		1099
<b>TUNISIA</b>																
National	1968	H	12590	L+ill.abos	ILL	82.2									Data: age, ccep	1022
National	1969	H	12621	L+ill.abos	ILL	77.3										1022
<b>EURO</b>																
<b>AUSTRIA</b>																
National	1968-72	STA		abo.deaths	SP,ILL							0.3				1000
National	1973-77	STA		abo.deaths	SP,ILL							0.3				1000
<b>BELGIUM</b>																
Hospital	1969	H	501	abo.adm	PILL,SE	35.3										0394
Hospital	1979	H	182	abo.adm	PILL,SE	13.7										0394
National	1960-65			ill.abo deaths	ILL							0.5				0955
National	1968-72	STA		abo.deaths	SP,ILL							0.3				1000
National	1973-77	STA		abo.deaths	SP,ILL							0.1			Data for four years	1000
National	1979	E	20000	abos	IND			16.1							E all abos, in and outside Belgium; Data: age	0394
National	1985		10800	ind.abo in clinics	IND											1085

**U N S A F E   A B O R T I O N**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor tion	GYN OBS	Live Births -	Preg nancies				Live Births	Women RepAge			
BELGIUM cont. National	1985	E	15590	abos	IND									Abos in and outside Belgium	1133		
<b>BULGARIA</b> National	1966		17800	non-legal abos	ABO									Data: yearly 1957-66	1197		
National	1967 P	E		illicit abos	ILL										1390		
National	1968-72	STA		abo.deaths	SP,ILL							0.6			1000		
National	1973-77	STA		abo.deaths	SP,ILL							0.9			1000		
<b>CZECHOSLOVAKIA</b> National	1960-61	E	11000	ill.abos	ILL				4						1096		
National	1963	E	10000	illicit abos	ILL				4						1390		
National	1966		25600	non-legal abos	ABO				11					Data: yearly 1957-66	1197		
National	1968-72	STA		abo.deaths	SP,ILL							0.1			1000		
National	1969	E	3500	ill.abos	ILL				2						0466		
National	1973-77	STA		abo.deaths	SP,ILL							0.1		Data for three years	1000		
<b>DENMARK</b> National	1960	E	6000	ill.abos	ILL				7.8					Other E 10'000 (3'900 L)	0462		
National	1964	E	13500*	ill.abos	ILL				15-19					*12'000-15'000 ill.abos; 4'000 legal abos	0872		
National	1968-72	STA		abo.deaths	SP,ILL							0.1			1000		
National	1971	E	2300	ill.abos	ILL				3					Change in law 1970	0462		

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency					Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor-tion	GYM OBS	Live Births -				Preg nanc ies	Live Births			
<b>FINLAND</b>	1967 P	E	30000	criminal abos	ILL			38							1390	
National	1968-72	STA		abo.deaths	SP,ILL							0.2			1000	
National	1973-77	STA		abo.deaths	SP,ILL							0.1		Data for three years	1000	
<b>FRANCE</b>	1968-72	STA		abo.deaths	SP,ILL							0.4			1000	
National	1973-77	STA		abo.deaths	SP,ILL							0.2		Data for four years	1000	
<b>GERMANY</b>	1963-67	STA	101	matern deaths	ILL						3		4.0		1352	
Hamburg	1960-65			ill.deaths	ILL							0.9			0955	
National	1967 P	E		criminal abos	ILL			100							1390	
National	1968-72	STA		abo.deaths	SP,ILL							0.5			1000	
National	1972-73	E	19000	ill.abos	ILL				6						1096	
National	1973-77	STA		abo.deaths	SP,ILL							0.1		Data for four years	1000	
National	1973-77	STA		abo.deaths	SP,ILL							0.2			1000	
National	1977		198	matern.deaths	ABO									8.5	0087	
Niedersachsen	1960-65	STA	340	matern deaths	IND									8.2	Data: soc, parity	
Wuppertal	1967-79	H	14	matern.deaths	ABO									14.2	Data: 1917-79	

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births -	Preg nancies			% of Women Ever/A Abort.	Live Births			
<b>GREECE</b>																
Athens	1966-68	HS	8312	del.adm excl. pri-grav.	IND					28.9	2.0				Data: socdem, med	0323
Athens	1969-70	H	4467	del.adm.	IND,SP					41.3						0818
Athens	1969-70	H	4467	del.adm.	IND					20.6						0818
National	1966-67	CS	6502*	WM, 20-49	IND			34.1	23.0	34.9	2.2				*21'276 pregn.s; Data: ccep, socdem, R-U, age; 752 ind %W	1149
National	1966-67	EA	80000*	ind.abos	IND			52							*60'000-100'000 ind.abos; 154'000 live births	1149
National	1983	CS		W repr age	IND					21						0183
National	1985 P	EA	200000	abos	IND			110								0183
Rural North West	1985	CS	94	W,30-40,w.child	IND					31					Data: ccep	0120
<b>HUNGARY</b>																
National	1961	E	33600	sp+ill abos	SP,ILL			24								1390
National	1966		33700	non-legal abos	ABO			24							Data: yearly 1957-66	1197
National	1968	E	10000	illabos	ILL			6								0466
National	1968-72	STA		abo.deaths	SP,ILL							0.6				1000
National	1973-77	STA		abo.deaths	SP,ILL							0.2				1000
<b>IRELAND</b>																
National	1968-72	STA		abo.deaths	SP,ILL							0.2				1000
National	1973-77	STA		abo.deaths	SP,ILL							0.2			Data for three years	1000
<b>ISRAEL</b>																
Haifa - Nazareth	1965 P	CS		W	IND			8.8		22.6					Data: ethn, parity	0510

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
ISRAEL cont. National	1960's*	E		ind.abos	IND					33					*early 1960's; Data: age	1068
National	1963	H		abo.adm, Jewish	ABO			23.9							Data: 1963-68	1068
National	1963	H		abos non-Jewish	ABO			8.5							Data: 1963-68	1068
National	1964	H		arab pats	IND					1.3					1-year data; Data: ethn, age	0510
National	1964-66	H	13751	abo.adm, Jewish	IND	6.8H		27.1							Data: 1952-66	0510
National	1964-66	H		abo.adm, non-Jewish	IND			7.8							Data: 1963-68	1068
National	1968	H		abo.adm, Jewish	ABO			23.3							Data: 1963-68	1068
National	1968	H		abos non-Jewish	ABO			9.3					0.2			1000
National	1968-72	STA		abo.deaths	SP, ILL								0.2		Data for three years	1000
National	1973-77	STA		abo.deaths	SP, ILL										Based on H 1959-60	0510
Tel-Aviv and Jaffa	1960	E		W, Jewish	IND					46.7						0035
<b>ITALY</b>																
Bari	1961 P	HS	350	RS, W obs.adm.	ILL			10.4D	8.1							0035
Bari	1961 P	HS	350	RS, W obs.adm	ABO				21.8							0035
Milano	1972	CS	1146	WM, 18-44	IND			18.8D	15.8	21.9	1.5					0035
Naples	1972	CS	779	WM, 18-44	IND			18.5D	15.6	25.9	1.9					0955
National	1960-65			ill.deaths	ILL								0.4			1000
National	1968-72	STA		abo.deaths	SP, ILL								0.4			

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor tion	GYN OBS	Live Births -				Preg nancies	Live Births			
<b>ITALY cont.</b>																
National	1969	CS	1538	WM, 18-44	IND			14.5		20.0	1.8					
National	1973-77	STA		abo.deaths	SP,ILL								0.2			Data from 6 communities
National	1974		276	matern.deaths	ABO										12	Data for three years
National	1983	EA	99000	ill.abos	ILL											Underest.
Palermo	1972	CS	753	WM, 18-44	IND			24.60	19.8	31.5	2.2					
Rome	1958-68	PP	533	WM*, pregnant	IND			39.7			1.3					*from central/southern Italy
Rome	1964	HS	1000	W, 15-45, obs.adm	IND			40.2								Data: age
Urban: Milano-Naples-Rome	1972	CS	2678	WM, 18-44	IND			20.60	17.1	26.2	1.8					
<b>NETHERLANDS</b>																
National	1968-72	STA		abo.deaths	SP,ILL								0.1			
<b>POLAND</b>																
National	1964	E	67066	sp+ill abos	SP,ILL			12								
National	1966		65500	non-legal abos	ABO			18								
National	1968-72	STA		abo.deaths	SP,ILL								0.1			Data: yearly 1957-66
National	1973-77	STA		abo.deaths	SP,ILL								0.1			
<b>PORTUGAL</b>																
National	1968-72	STA		abo.deaths	SP,ILL								1.1			
National	1973-77	STA		abo.deaths	SP,ILL								0.6			Data for three years

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
PORTUGAL cont. National	1979-83	STA	166	matern.deaths	ABO							5		22.9	Data: yearly, parity, age, med	0053
	1983	STA	23	matern.deaths	ABO,SE							6		34.8		0053
	1984 P	EA	150000	ill.abos	ILL											0053
ROMANIA National	1961		130	abo deaths	ABO										Data: 1961-71	0313
	1965	STA	64	abo.deaths	ILL								.7*		*total female pop; Data: 1965-71	0982
	1965			abo.deaths incl .L	ABO(L)								1.5		Yearly data 1965-70	0270
	1966		83	abo deaths	ILL								.9*		*total female pop.; Data: 1965-71	0982
	1967			abo.deaths incl .L	ABO(L)								3.8		Data: yearly 1965-70	0270
	1968-72	STA		abo.deaths	SP,ILL								6.7			1000
	1970			abo.deaths incl .L	ABO(L)								6.9		Data: yearly 1965-70	0270
	1971		364	abo deaths	ILL								4*		*total female pop.; Data: 1965-71	0982
	1972	STA	370	abo.deaths	ABO								8			0242
	1973-77	STA		abo.deaths	SP,ILL								8.7			1000
National	1978			abo.deaths	ABO								9.8			1000
	1978			abo.deaths	ABO							129		86		1138
	1984			matern.deaths	ABO							138		85.3		1139
National	1988		505	abo.deaths	IND											1000
	1988			abo.deaths	IND											1000
SPAIN National	1968-72	STA		abo.deaths	SP,ILL									0.2		1000

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abortion	GYN OBS	Live Births				Preg nancies	Live Births			
<b>SPAIN cont.</b>																
National	1973-77	STA		abo.deaths	SP,ILL								0.2	Data for four years	1000	
National	1988	E	105000	abos	IND									Only 5% abos done in hosp.s	0387	
<b>SWEDEN</b>																
National	1961-65	STA		ill.abo deaths	ILL							1			0128	
National	1966-70	STA		ill.abo deaths	ILL							1			0128	
Stockholm	1965	STA	2200	sp+ill abos	SP,ILL			9.8	8.2					Data: 1950-65	1132	
<b>SWITZERLAND</b>																
National	1966	E	50000	ill.abos	ILL			45							0462	
National	1966	E	40000	ill.abos	ILL			37						Data: legal, cantonal	1162	
National	1968-72	STA		abo.deaths	SP,ILL								0.3		1000	
National	1970	E	20000	ill.abos	ILL			20						Data: legal, cantonal	1162	
National	1973-77	STA		abo.deaths	SP,ILL								0.1		1000	
National	1974	E	15000	ill.abos	ILL			18						Data: legal, cantonal	1162	
National	1980	E	13000	ill.abos	ILL			18						Data: legal, cantonal	1162	
National	1985	E	8000	ill.abos	ILL			11						Data: legal, cantonal	1162	
National	1986	E	8000	ill.abos	ILL			11						Data: legal, cantonal	1162	
<b>TURKEY</b>																
Ankara	1966-67	HS	1388	gyn+obs pats	ABO					29	1.9				0144	

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av. No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abortion	GYN OBS	Live Births				Pregnancies	Live Births			
TURKEY cont.	1967	H	2937	abo.adm.	ABO			26.2								0777
Ankara	1968 P	H	4940	abos	ABO				39.1						Data: age	0777
Ankara	1975	CS	396	WM, <46	ABO			38.0	27.0	43	2.3			1000 abos %W		0144
Ankara	1976-78	H	649	abo.adm	IND	23.0						0.4				0202
Ankara	1976-78	H	649	abo.adm	PPIND	59.0								Data: socdem, med, resources		0202
Cubuk Rural Health Distr.	1977-78	CS	2272	RS, WM 15-44	IND,SP			17.4	14.7	36.6	1.9			Retrospective study; Data: ed, ccep		0172
Cubuk Rural Health Distr.	1977-78	CS	2272	RS, WM 15-44	IND					16.6				Retrospective study; Data: ed, ccep		0172
Cubuk Rural Health Distr.	1977-78	CS	2272	RS, WM 15-44	IND,SP			27.9	21.5	5.2A				1-year data; prosp.study		0172
Cubuk Rural Health Distr.	1977-78	CS	2272	RS, WM 15-44	IND			15.9	12.3	2.9A				1-year data; prosp.study		0172
Etimesgut district (R)	1967	CS	498	WM repr.age	IND			6						Data: age		0172
Etimesgut district (R)	1971	CS	441	WM repr.age	IND,SP			60		64	2.7			Data: method, soc		0172
Istanbul	1963-68	H	776	abo.adm	SE	7.7								Data: prov, reason; 69% ind.abos		0172
Istanbul	1970	HS	168	fam.pl.pats	ABO						2.0					0144
National	1963	CS	5100	W	IND					7.6						1109
National	1963			WM, <45	IND					8						1121
National	1963			ind.abos	IND			8						700 abos %W		0144
National	1968	CS	3068	W	ABO			17.2		32.6	2.1					0144
National	1968	CS	3068	W	IND					10.2						

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
TURKEY cont.																
National	1968	E	270000	abos	SP,IND			24		6.2A					Weighted E based on 1968 study	0172
National	1968	E	165000	ind.abos	IND			14							Weighted E based on 1968 study	0172
National	1968	CS	3284	WM, 15-44	SP,IND			26.2		6.5A					1-year data; Data: R-U, socdem, age	0172
National	1968	CS	3284	WM, 15-44	IND			11.8		2.9A					1-year data	0172
National	1968	EA	500000	abos	ABO					10A						0777
National	1970*			WM, repr. age	ABO					33					*Late 1960's and early 1970's	1036
National	1973	CS	4581	W	ABO			17.3		33.1	1.8				600 abos %.W	0144
National	1973	E	116000	ind.abos	IND										E based on 1973 CS	0172
National	1973	CS	4581	RS, WM -45	IND			16.0		3.1A					1-year data	0172
National	1973	CS	4581	RS, WM -45	SP,IND			27.3		5.5A					1-year data; Data: R-U, socdem	0172
National	1973			ind.abos	IND			12								1121
National	1974-75	CS		WM, repr.age	ABO				14.4						Data: yearly 1974-83, ed	1036
National	1974-75	CS		WM, repr.age	IND				7.7						Data: yearly 1974-83, ed	1036
National	1975	CS	1521	WM, <44	ABO			17.2		33.1	2.1				700 abos %.W	0144
National	1975	CS	1521	WM, <44	IND			7.9	6.7	13.9	2.2				304 ind %.W	0144
National	1975	CS	1044	RS, WM <45	IND					33.1					RRT; Data: age, socdem, parity	1018
National	1975	CS	1521	RS, WM <45	ABO					32.5					Data: age, socdem, parity	1018
National	1977-78	CS		WM, repr.age	ABO			15.2							Data: yearly 1974-83, ed	1036

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Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births				Preg nancies	Live Births			
TURKEY cont.	1977-78	CS		WM, repr.age	IND				8.9						Data: yearly 1974-83, ed	1036
National	1978	CS		ind.abos	IND			17								1121
National	1978			WM, repr.age	ABO					34						1036
National	1978			W, repr.age	IND					16.8						0281
National	1981	E	300000	ind.abos	IND										Data: U-R, region, age, ed	1036
National	1982-83	CS	7872115	W, EM, repr.age	ABO			25.6	20.1	4.6A					Data: U-R, region, age, ed	1036
National	1982-83	CS	7872115	W, EM, repr.age	IND			15.4	12.1	2.8A					Data: yearly 1974-83, ed.	1036
National	1982-83	CS	7872115	W, EM, repr.age	ABO					37					Data: yearly 1974-83, ed.	1036
National	1982-83	CS	7872115	W, EM, repr.age	IND					19						1109
National	1986 P			MW, <45	IND					20						1121
National, urban	1960-66	STA	3299	matern.deaths	ABO,SE							12		8.6		1121
National, urban	1967-74	STA	2183	matern.deaths	ABO,SE							5		7.2		1121
National, urban	1975-82	STA	735	matern.deaths	ABO,SE							0.2		0.7		0144
Sincan, Etimesgut	1971	CS	271	WM	ABO			20.9	17.1	41					900abos %W	0172
Sincan, Etimesgut	1972	CS	270	WM, 15-44	IND,SP			22.6		38	2.1				Data: ccep, prov	0144
Yenikent-Etimesgut	1971	CS	261	WM	ABO			19.8	16.3	47					900abos %W	1000
<b>UNITED KINGDOM</b> England and Wales	1963-67	A	44	ill+sp abo. deaths	ILL,SP									0.5		

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor-tion	GYN OBS	Live Births	Preg nanc ies				Live Births	Women RepAge			
UNITED KINGDOM cont.																	
England and Wales	1964-66		579	matern.deaths	ILL									16.8		73% abo deaths from ill.abo	0030
England and Wales	1964-66	STA	455	matern.deaths	ABO									25.3			0059
England and Wales	1965			abo.deaths ex.L	ABO							0.5			Data: yearly 1965-71	0270	
England and Wales	1967			abo.deaths ex.L	ABO							0.4			Data: yearly 1965-71	0270	
England and Wales	1967-69	STA	451	matern.deaths	ILL							3		16.4	86% review of matern. deaths	0059	
England and Wales	1967-69	STA	451	matern.deaths	ABO							5		25.9	86% review of matern. deaths	0059	
England and Wales	1968-72	STA		abo.deaths	SP,ILL								0.3			1000	
England and Wales	1969			abo.deaths ex.L	ABO								0.3		Data: yearly 1965-71	0270	
England and Wales	1969-70	STA		ill.abo deaths	ILL										AA 16 deaths	0313	
England and Wales	1970-72	STA	37	ill.abo deaths	ILL											0385	
England and Wales	1971			abo.deaths ex.L	ABO								0.2		Data: yearly 1965-71	0270	
England and Wales	1972-74	A	16	abo.deaths	ABO								0.2			0242	
England and Wales	1973-75	STA	10	ill.abo deaths	ILL											0385	
England and Wales	1973-74	STA	*	ill.abo deaths	ILL										*AA 5.5 deaths	0313	
England and Wales	1976-78	STA	10	ill.abo deaths	ILL											0385	
England and Wales	1979-81	STA	1	ill.abo deaths	ILL											0385	
London	1960-67	H	1746	abo.adm	IND	20.4						0.6			Data: annual, age, parity, socdem, gest, med, resources	1323	
London	1960-67	H	1746	abo.adm	SE	21.9						0.5				1323	

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor	GYN OBS	Live Births	Preg nanc ies				Live Births	Women RepAge			
UNITED KINGDOM cont.	1960	STA	310	matern deaths	ILL										9.7	0413	
National	1963	STA	239	matern.deaths	SP,ILL										20.5	1175	
National	1965	STA	221	matern deaths	ILL										9.5	0413	
National	1966	CS	3500	RS W<65	ILL					4.2						0314	
National	1967 P	E		criminal abos	ILL				10						7.5	1390	
National	1970	STA	146	matern deaths	ILL											0413	
National	1970-72	STA	38	ill.abo deaths	ILL										4.9	0413	
National	1974	STA	81	matern deaths	ILL											1000	
Northern Ireland	1968-72	STA		abo.deaths	SP,ILL									0.3		1000	
Northern Ireland	1973-77	STA		abo.deaths	SP,ILL									0.1		0468	
Salford	1964-65	H	579	abo.adm	ILL	14.5										0468	
Salford	1969-70	H	1014	abo.adm	ILL	6.3										1000	
Scotland	1968-72	STA		abo.deaths	SP,ILL												
USSR	1987 P			ill.abos	ILL							30				0204	
National	1987	E	13mil.	ill.abos	ILL			232		18.6A						1085	
National	1987	E	2500	matern deaths	ABO*							11	1	25		1085	
YUGOSLAVIA	1964		50000	non-legal abos	ABO			12								1197	

NOP-survey (40% no reply)

Data: age  
Also 6.8 million legal abos  
\*presumably incl. L.

Data: yearly 1959-64

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UNSAFE ABORTION																	
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons																	
Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor tion	GYN OBS	Live Births	Preg nanc ies				Live Births	Women RepAge			
YUGOSLAVIA cont.																	
National	1967	H	65515	abo.adm	ABO							0.1					0466
National	1968 P	E	60000	ill.abos	ILL	30											0466
National	1968-72	STA		abo.deaths	SP,ILL								1.6				1000
National	1973-77	STA		abo.deaths	SP,ILL								0.6				1000
Slovenia	1961		5565	ill.abos	ILL												1215
Slovenia	1966		5300	non-legal abos	ABO			18									1197
<b>SEARO</b>																	
<b>BANGLADESH</b>																	
Bolara area	1985	CS	1134	W, EM	ABO			0.1		0.3							1397
Chittagong	1977	H	300	tubectomy pats	ABO					35.3	1.4						1184
Chittagong	1978	H	400	ind.abo adm	IND							2.0					0022
Chittagong	1978	H	1820	gyn+obs adm	IND	62.5	22.0					2.0					0522
Chittagong	1978	H	640	abo.adm	IND,SP							1.3					0081
Chittagong	1978-79	HS	580	matern.deaths	IND								1.9	22.1			0096
Chittagong	1979	H	214	ind.abo adm	IND							4.2					0022
Chittagong	1980	H	112	ind.abo adm	IND							5.4					0022
Comilla distr.	1978-79		104	matern.deaths	IND										15.4		0135
Dacca	1974	H		gyn+obs adm	ABO		20.1										1019

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths			
						Admissions Abor- tion	GYN OBS	Live Births				Preg nancies	Live Births				Women RepAge
BANGLADESH cont.	1977	H	479	abo.adm	IND,SP							1.3				Medical College Hosp.	0081
Dacca	1977-80	H	2014	abo.adm	ILL	24.4						7.7				Undercount;Data:socdem, parity med, method, prov, resources	0263
Dacca	1977-78	H	1003	abo.adm	IND	24.2				1.1		4.9				Underest; Data: soc, med, age, parity, resources,ccep, method	0386
Dacca	1977-78	H	1003	abo.adm	IND, SP					1.5		1.8				Data: soc, med, age, parity, resources, method	0386
Dacca	1978	H	817	ind.abo adm	IND							47.1					0022
Dacca	1978 P	HS	479	abo.adm	IND	27.3				2.5		4.5				Data:age, socdem, ccep, gest, med, method, prov	0515
Dacca	1978-79	HS	476	matern.deaths	IND								1.6	26.1		Survey of health centres; Data: subdistricts	0096
Dacca	1978-79	H	607	abo.adm	IND	6											0673
Dacca	1980	H	612	ind.abo adm	IND							21.2					0022
Dacca	1983-84	HS	300	MR clients	ABO			4.5		11.4	1.3					Data: socdem, age	1399
Four Upazilas*	1985-86	CS	6652	WM,10-49,pregn.	IND			1.5	1.4			4.3	65	10	13.8	Data: distr, age; * Gopalpur, Raipure, Singra, Godagari	0197
Four Upazilas*	1985-86	CS	6652	WM,10-49,pregn.	IND,SP			5.0	4.5			1.6	82	13	17.2	Data: distr, age; * Gopalpur, Raipure, Singra, Godagari	0197
Jamalpur district, rural	1982-83	CS	58	matern deaths	SE								129		20.7		0127
Jamalpur district, rural	1982-83	CS	9906	pregnancies	IND			4.4	4.2			2.4	107		17.2	Data: age, parity	0132
Khulna district	1978-79	HS	489	matern. deaths	IND									2.3	25.4	Survey of health centres; subdistr. data	0096
Matlab Thana	1967-68	CS	5802	W,10-49, pregn.	IND								56	9	7.3	Follow-up of all deaths W10-49	0562
Matlab Thana	1967-68		33	matern.deaths	IND										9.1		0135
Matlab Thana	1976-85	CS	387	matern.deaths	IND,SP										18.2	Data: med., age, parity	1146

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UNSAFE ABORTION																
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons																
Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths		
						Admissions Abor- tion	GYN OBS	Live Births -				Preg nancies	Live Births			
BANGLADESH cont.																
Matlab Thana	1976-85	CS	387	matern.deaths	IND							84	15	15.2	Data: socdem, med	0200
Matlab Thana	1976-85	CS	387	matern.deaths	ABO							99		18		1084
Matlab Thana	1982	STA	8468	pregnancies	IND			2.5	2.3			4.6	118	23.1		0113
Matlab Thana	1982	STA	8468	pregnancies	IND,SP			7.5	6.8			1.7	131	25.6		0113
Mirpur area	1985-86	CS	1656	W, EM	ABO			6.2		17.1	1.3					1398
Narayangong	1986-87	HS	215	MR clients	ABO			11.6		29.3	1.2				Data: socdem, age	1400
National	1978	E	21600	ind.abo deaths	IND									25.8	E based on study of 795 health centres	0135
National	1978	E	780000	ind.abos	IND							1	47*		7'800 deaths from abo.compl.; *Data from ABO1000	0085
National	1978-79	HS	1933	matern. deaths	IND								1.9	25.8	Data provided by health workers at 795 centres; Data:geo,age,parity,socdem,prov,med,med	0096
National	1978-79	HS	1590	abo.compl.	ABO							31.3			Data: med, soc, prov, method; National health centres	0085
National	1979	E	9700	abo.deaths	ILL										91% deaths non-medical abos	0022
National	1982-83	E	163000	trad.abos	IND										E based on Jamalpur study; other E 204'000	0132
National	1988 P	E	24000	matern.deaths	IND									33*	*up to 1/3	1185
Rajshahi Distr.	1978-79	HS	388	matern.deaths	IND								1.9	31.4	Survey of health centres; Data: subdistr.	0096
Tangail distr.	1982-83	CS	48	matern.deaths	SE								94	16.7		0058
Tangail distr. (R)	1982-83	CS	48	matern.deaths	IND								81	14.6		1100
Urban	1978 P	H		abo.adm	ABO		50									0085
<b>INDIA</b> 27 Teaching Centres	1978-79	H	1851	matern deaths	SE							0.4	107	14.3	Data: med, method	0043



**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths		
						Admissions Abor- tion	GYN OBS	Live Births				Preg nanc ies	Live Births			
INDIA cont.																
41 Teaching Centres	1978-81	H	4707*	matern deaths	ABO(L)						0.3	1090		15.1	*incl. L abo deaths (92/710)	0046
41 Teaching Centres	1978-81	H	4707*	matern deaths	ILL							880		12.2	*incl. 92 L abo deaths	0046
Alwar, Rajasthan	1974-79	CS	281*	W pregnant	ABO			3.0	2.9						*349 pregnancies	0051
Alwar, Rajasthan	1975-78	H	5534	obs.adm.	ABO		50.5									0051
Ambala, North India	1985-86	VAR	55	matern deaths	ABO							21		9.1	Rural areas, 774 villages	1345
Anantapur Distr.	1984-85	CS	270	obs.deaths	ABO							117		14*	*% of obs. deaths	1084
Anantapur distr., Andhra Pradesh	1984-85	H	136	matern.deaths	SE									11.0	Urban 7.5%, rural 12.5%	0054
Anantapur distr., Andhra Pradesh	1984-85	STA	134	matern.deaths*	SE									17.2	*in home; rural	0054
Bangalore	1969	H	981	abo.adm	ABO		9.3H	10.7							Data: age, parity, socec, med	0295
Baroda	1970-72	H	730	aboadm	IND	10.2		1.10			30.6	342D			Data: soc, method, med.	0021
Bombay State	1960			pregnancies	ABO				7.8							0306
Bombay State	1960			pregnancies	ABO				7.0							0306
Calcutta	1962	H	73	matern deaths	ABO			8.4 D			0.9	73 D		13.7	Data: yearly 1962-71; Eden Hosp	0079
Calcutta	1966-68	H	80	matern.deaths	ABO									8.8		0037
Calcutta	1966-68	H	80	matern.deaths	IND									2.5		0037
Calcutta	1968-70	H	59	matern.deaths	SE, HAE							39		11.9		1158
Calcutta	1969-72	H	6295	abo.adm	SE	14.9									Data: yearly, med	0080
Calcutta	1969-73	H	8029	abo.adm	ILL, SP			9.5			1				Data: yearly, med, age	0080

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births -	Preg nanc ies			Live Births	Women RepAge			
INDIA cont.																
Calcutta	1969-71	H	199	matern deaths	IND							1230		19.6	Data: age, med, parity	0079
Calcutta	1971	H	66	matern.deaths	ABO			15.5D				1.3	1990	28.8	Data: yearly 1962-71;Eden Hosp	0079
Calcutta	1972	H	496	abo.adm*/ 3 months	ABO			23.2D				0.8	188		*excl. 126 MTP; Eden Hosp.	1091
Calcutta	1972	H	496	abo.adm*/ 3 months	ILL	5.4		1.3 D				7.4	94		*excl 126 MTP; Eden Hosp.	1091
Calcutta	1972-73	HS	350	sp+ind abo.adm.	IND	13.1						4.3			Data: socdem, med, age	0332
Calcutta	1972-73	H	1214	abo.adm	ILL	18.2		2.4D				15.4			Data: soc, med, method, age	0391
Calcutta	1973	H	1734	abo.adm	SE	5.5										0080
Calcutta	1974	H	76	matern deaths	SE, HAE									22.4		0136
Calcutta	1974-80	H	129	matern deaths	ABO							269		25.6		1367
Calcutta	1974-80	H	129	matern deaths	SE							204		19.4		1367
Calcutta	1975-77	H	232	matern.deaths	SE							5.9	113	12.9		1378
Calcutta	1976	H	83	matern.deaths	ILL								162	15.6		0891
Chandigarh	1969-71	H	88	abo.adm	IND							13.7			P.G.I. Hosp.	0081
Chandigarh	1973-75	H	133	abo.adm	SE							17.2			P.G.I. Hosp.	0081
Imphal	1972-78	H	86	matern.deaths	ABO			35.7				0.4	147	30.2	Data: yearly	1380
Imphal	1976-85	H	128	matern.deaths	ABO									25	Data: method, reason	1187
Khanna, Punjab State	1960-64			pregnancies	ABO				10							0306
Madras	1967-71	H	10472	abo.adm	SE	5.9		0.9D				5.7	530		Data: yearly, med, parity, age , resources, method	1216

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births -				Preg-nanc-ies	Live Births			
INDIA cont.	1967-71	H	10472	abo.adm	ABO			16.00							Data: yearly	1216
Madras	1974			obs.deaths	ILL								34*	*% of obs. deaths in Madras	1014	
Madras	1974-75	H	393	matern deaths	ILL						57D		12.7	4 hospitals	0047	
Madras area	1977 P	CS		pregnancies	IND			15							0033	
Madurai	1960-72	H	20778	abo.adm	ILL	9.8		2.7D			4.6	128D	7.6		0829	
Madurai	1960-72	H	20778	sp,ill adm	SP,ILL						0.5		8.1	Data: parity	1014	
Madurai	1965-70	H		matern deaths	SE								18.5		0107	
Madurai	1971-73	H	3222	abo.adm,excl.L	SE	12.2	1.6 *	2.1D			20.1	413D	34	*% of obs.adm; Data:age,soccc, prov, method, med, resources ; 1479 L abos	0107	
Madurai	1971-73	H	3222	abo.adm,excl.L	ABO		13.5*	16.8D						*% of obs.adm; 1479 L abos	0107	
Madurai	1977-78	H	380	se abo.adm	SE						8.7		26.6	Erskine Hosp.	0081	
Mysore	1967-71	H	310	matern deaths	ABO							192	14.2	Data: med	0100	
Mysore	1967-71	H	310	matern deaths	SE, HAE							153	11.3		0100	
National	1964	E	3900000	ind.abos	IND									Also 2.6 million sp. abos.	0306	
National	1971			abos	ABO				10.1						0306	
National	1973 P	E	4000000	ind.abos	IND									+2 million sp. abos	0391	
National	1978-79	H	1157	matern.deaths	SE							123	17.5		1379	
National	1990	E	10000	abo.deaths	ABO										1124	
National, rural	1975	STA	170	matern.deaths	ABO								8.2	Data: age	1203	

**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths			
						Admissions Abortion	GYN OBS	Live Births				Preg nancies	Live Births				Women RepAge
INDIA cont.	1976	STA	163	matern.deaths	ABO								11.6	Data: age	1203		
National, rural	1977	STA	164	matern.deaths	ABO								7.9	Data: age	1203		
National, rural	1986	CS	176	matern deaths	ABO								8.0		1345		
New Delhi	1962	H	235	abo.adm	ABO		19.6	34.50						Data: age	0294		
New Delhi	1962	HS	110	RS, abo.adm	ABO			65.20	39.5	1.6				Data: soc, med, age, ccep	0294		
New Delhi	1962-69	H		matern.deaths	SE								23		0803		
New Delhi	1963	H		abo.adm	ABO		31.8								0294		
New Delhi	1973-77	H	2837	sp.abo.adm, excl.MTP	SE	6.7		1.60			8.9	1410	21.0	Data: yearly, med; also 6418 MTP	0803		
New Delhi	1973-77	H	2837	sp.abo.adm, excl.MTP	SP			23.50						Also 6418 MTP	0803		
New Delhi	1974-79	H	317	abo.adm	IND						6.3			Kasturba Hosp.	0081		
New Delhi	1975-83	H	573	matern deaths	ABO								12.3		1345		
North India	1975-77	H	196	matern deaths	ILL							1180	15.3		1402		
North India	1978-80	H	207	matern deaths	ILL							1000	11.6		1402		
North India	1981-83	H	170	matern deaths	ILL							380	7.1		1402		
Pondicherry	1971-79	H	1958	abo.adm	SE	21.7					14.3			Data: yearly, age, U-R, gest, method, resources	1234		
Pune	1980-85	H	113	matern deaths	ABO								10.6		1345		
Punjab, distr. of	1970	PS	351*	ill.abos/month	ILL									*by 36 providers; Data: ed, gest, age, soc	1213		
Vellore	1964-73	H	26749	obs.adm.	SE	15.7	1.7*						25	*% of obs.adm	0072		

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births				Preg nancies	Live Births			
INDIA cont. Village, rural	1979 P	CS	200	RS, W	IND*, SP			14.1	12.1	32	1.4				*Only 1% admitted ind.abo	0730
<b>INDONESIA</b>																
Bali	1980-82	CS	295	matern.deaths	ABO							50		7		1084
Bali	1980-82	CS	295	matern.deaths	SE, HAE									6.8		1151
Bali	1980-82	CS	279	matern.deaths	ABO									9.7		1152
Bandung (West Java)	1974 P	H		abo.adm	ABO		20									1075
East Java	1972	H	5600	abo.adm	ABO*		16*								*only 17 cases def. sp.abo	1075
Jakarta	1972 P	H		abo.adm	ABO		20									1075
Jakarta	1972	H		abos	ABO*			18.30							*E 25-60% PIND; Data: yearly 1972-75 Dept. of Obs/Gyn, Univ.	1077
Jakarta	1972-74	H	1069	abo.adm	IND, SP							0.6				0081
Jakarta	1975	H		abos	ABO*			39.60							*E 25-60% PIND; Data: yearly 1972-75 Data: socdem, ccep	1077
Jakarta	1977 P	HS	893	abo.adm	SE	17.1										0308
Jakarta	1979 P	HS		abo.adm	IND	32.7									RRT	1077
National	1973 P	EA		pregnancies	ABO				20							1075
National	1975 P	EA	1152000	abos	ABO			200				0.6			At least 1'152'000 abos /year; 6'900 abo deaths	1075
<b>MYANMAR</b>																
Rangoon	1978-82	H	44	matern deaths	ABO							0.2	980	50	Data: med, age, soc	1050
Rangoon	1983-87	H	3101	abo.adm	IND			41.60				0.2	810	75		1348

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	Live Births -	Preg nanc ies				Live Births	Women RepAge			
<b>SRI LANKA</b>																
Colombo	1984 P	EA	185000*	ill.abos	ILL									* >500 per day	0162	
Colombo	1988	EA	150000	ind.abos	IND									E 500 per day	0274	
Hospital	1984 P*	H	295085	ill.abos	ILL						0.1			*during 10 years (in 1981 30'552 ill.abos)	0162	
<b>THAILAND</b>																
Bangkok	1963-64	HS	70	abo.adm	ABO						5.7				1074	
Bangkok	1968-79	H	23628	abo.adm, excl.L	ABO										1344	
Bangkok	1968-78	H	21538	abo.adm, excl.L	ILL	20.9					0.8	160		Data: yearly, region, socdem, reason, med, method, gest, age	1344	
Bangkok	1969	H	1299	abo.adm	SE	20									0105	
Bangkok	1969	H	1299	abo.adm	ABO										0105	
Bangkok	1969-77	HS	865	ill abo.adm	ILL						0.6			Data: socdem, med, cost, gest, age	0265	
Bangkok	1969-70	HS	144	abo.adm	ILL	16.7					0.7				1074	
Bangkok	1969-70	H	139*	non-L abo.adm	ABO						0.7	1260		*excl. 5 therapeutic; Data: age, med, resources	1256	
Bangkok	1969-70	H	139*	non-L abo.adm	IND	30.9					2.3	1260		*excl. 5 therapeutic; Data: age, med, resources	1256	
Bangkok	1969-70	H	139*	non-L abo.adm	SE	17.2					4.2	1260		*excl. 5 therapeutic; Data: age, med, resources	1256	
Bangkok	1972-73	HS	1083	abo.adm	SE	11.7								Data: med, resources, socdem, age, parity	0320	
Bangkok	1972-73	HS	1083*	abo.adm	SP, IND				12.8		1.3			*2823 pregnancies; Data: med, resources, socdem, age	0320	
Bangkok	1972-73	H	3530	abo.adm	SE	11.8								Data: socdem,gest,parity,ccep, med,age	1306	
Bangkok	1973	HS	1188	abo.adm	ILL	15					0.6			*incl.1% legal abos; Data: age socdem, ccep	1074	

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency					Mortality			Notes	Ref. no.		
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths	
						Admissions Abor tion	GYN OBS	Live Births	Preg nancies			Women Ever/A Abort.	Live Births				Women RepAge
THAILAND cont.																	
Bangkok	1977-79	HS	897	abo.adm,excl.L*	PIND	44		6 D								*also 802 L abos	0309
Bangkok	1977-78	HS	897	abo.adm,excl.L*	IND	25		3 D						25		*also 802 L abos; Data: age, prov, method, soc, med, cost	0309
Chayapoom prov., rural	1979	E	17228	trad.abo.	IND			84			0					E based on 109 W 17-49 and 14/33 providers' caseload; Data: method, med, ccep, resources	0093
National	1968-72	STA		abo.deaths	SP,ILL								1.3				1000
National	1970	E	850000*	WM, 15-45	ILL					17-19						*800'000-900'000; Data: U-R	1074
National	1972-73	EA	215000*	W, 15-45	ILL			12.5		2.8						*200'000-230'000; E based on abo.adm and a 10% compl.rate	1074
National	1973-77	STA		abo.deaths	SP,ILL								1.1				1000
National	1983-84	HS	4950	abo.adm,excl.L*	ILL	74.7					1.6	0.7				*excl. 750 ther.abos	1343
National, rural	1978	EA	300000	ill.abos	ILL											Minimum E based on 81 prov in 51/643 distr	0284
Rural	1978	PS	81	abo.providers	ILL			24.5									0081
<b>WPRO</b>																	
<b>AUSTRALIA</b>																	
National	1964-66		45	abo.deaths	ABO											Data: 1964-84	1050
National	1967-69			matern.deaths	ILL									7.5			0033
National	1968-72	STA		abo.deaths	SP,ILL								0.3				1000
National	1970-72		25	abo deaths	ABO											Data: 1964-84	1050
National	1976-78		5	abo deaths	ABO											Data: 1964-84	1050
National	1982-84		1	abo.deaths	ABO											Data: 1964-84	1050

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor-tion	GYN OBS	Live Births	Preg nancies				Live Births	Women RepAge			
<b>CHINA</b>																	
North Taiwan	1970	CS	1000	WM, repr. age	IND					28.2					RRT	0462	
Taiwan	1964			pregnancies	ABO					9						0105	
Taiwan	1964	CS	14189	RS, WM 20-39	IND					9.8						0569	
Taiwan	1964	CS	4989	WM, 20-44	IND			9.1						Study 1967;Data:yearly 1964-67		0569	
Taiwan	1965	CS	3188	RS, WM 20-39	ABO					9				Data: age, socdem, ccep		0213	
Taiwan	1965	CS	815	RS, WM 35-39	ABO					13				Data: age, socdem, ccep		0213	
Taiwan	1965	CS		WM	ILL					10						1114	
Taiwan	1965	CS	3049	WM, repr.age	ABO					9.2						1250	
Taiwan	1965	CS	5360	RS, WM 20-44	IND					9.5	1.6					0569	
Taiwan	1966-67	CS	40000	W, 15-50	IND			8.9	7.7							0569	
Taiwan	1967	CS	4304	RS, WS 20-39	ABO					11				Data: age, socdem, ccep		0213	
Taiwan	1967	CS	1081	RS, WM 35-39	ABO					18				Data: age, socdem, ccep		0213	
Taiwan	1967	CS	4145	WM, repr.age	ABO					11.2						1250	
Taiwan	1967			pregnancies	ABO					12.3						0105	
Taiwan	1967	CS	4989	RS, WM 20-44	IND					12.3	1.6					0569	
Taiwan	1967	CS	4989	WM, 20-44	IND			12.9						Study 1967;data:yearly 1964-67		0569	
Taiwan	1968			pregnancies	ABO					20						0105	

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av. No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor tion	GYN OBS	Live Births -				Preg nanc ies	Live Births			
CHINA cont.																
Taiwan	1970	CS	2495	RS, WM 20-39	ABO					12					Data: age, socdem, ccep	0213
Taiwan	1970	CS	651	RS, WM 35-39	ABO					19					Data: age, socdem, ccep	0213
Taiwan	1970	CS		WM	ILL					14						1114
Taiwan	1970	CS	2491	WM, repr.age	ABO					11.8						1250
Taiwan	1970	CS		WM, repr.age	ABO					13.8				Underest.; Data: ccep		0462
Taiwan	1973	CS	5541	RS, WM 20-39	ABO					18				Data: age, socdem, ccep		0213
Taiwan	1973	CS	1433	RS, WM 35-39	ABO					23				Data: age, socdem, ccep		0213
Taiwan	1973	PS	331	abo.providers	ILL			60-74								0081
Taiwan	1975 P	CS	1100	RS, W	ABO					28.2				RRT		0105
Taiwan	1976	CS	1782	RS, WM 20-39	ABO					20				Data: age, socdem, ccep		0213
Taiwan	1976	CS	446	RS, WM 35-39	ABO					29				Data: age, socdem, ccep		0213
Taiwan, Taichung City	1962	CS	2243*	RS, WM 20-39	ABO				12.0					*9976 pregn.s; Data: age, ccep		1329
Taiwan, Taichung City	1962	CS	2443*	RS, WM 20-39	IND				4.5					*9976 pregnancies		1329
Taiwan, Taoyuan	1971-72	CS	3259	W, 15-49	IND					15.5	2.1			Data: ccep		0910
Taiwan, rural	1966-67	CS		W, 15-50	IND			6.0						Data: town, large cities		0569
Taiwan, urban*	1966-67	CS		W, 15-50	IND			13.4						*Large cities; Data: R-U		0569
<b>FIJI</b> National	1969-76	STA	160	matern.deaths	ABO, ILL							17	13.8	Data: yearly, age, ethn., parity, geogr.		0016

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UNSAFE ABORTION																
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons																
Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths		
						Admissions Abor- tion	GYN OBS	Live Births -				Preg nancies	Live Births			
<b>HONG KONG</b>																
National	1968-72	STA		abo.deaths	SP,ILL								0.2			1000
National	1973-77	STA		abo.deaths	SP,ILL								0.1			1000
<b>JAPAN</b>																
National	1968-72	STA		abo.deaths	SP,ILL								0.1			1000
<b>MALAYSIA</b>																
Hospital	1967-73	H		matern.deaths	SE							100		23.1		1070
Hospital	1973-74	H	873	abo.adm	SP,IND		74		22.3							1070
Hospital	1973-74	H	873	abo.adm	IND	17.5	13		3.9							1070
Kuala Lumpur	1961-62	H	1000	abo.adm	ABO			14.70		1.6	0.7				Data: age, med	0293
Kuala Lumpur	1961-62	H	1000	abo.adm	SE	23.9		3.50			2.5					1255
Kuala Lumpur	1968-74	H	1699	abo.adm.	ABO			11.40	10.2		0.2	270		30.8		0095
Kuala Lumpur	1968-69	H		abo.adm	SE	0.4										0105
Kuala Lumpur	1968-73	H	13	matern deaths	SE							23		23.1		1376
Kuala Lumpur	1973-74	H	3921	pregnancies	IND				3.9							0105
Kuala Lumpur	1973-74	H	3921	pregnancies	IND,SP				22.3							0105
Kuala Lumpur	1976-77	H	3067	abo.adm	IND	7.8										0168
Kuala Lumpur	1976-77	H	3067	abo.adm	PIND	31.3										0168
Kuala Lumpur	1976-78	H	2157	abo.adm	IND	32.1					0.4					0202

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor-tion	GYN OBS	Live Births	Preg nancies				Live Births	Women RepAge			
MALAYSIA cont.	1976-78	H	2157	abo.adm	PPIND	72.1									Data: socdem, med, resources	0202	
Kuala Lumpur	1978-81	CS	51	obs.deaths	ABO							17	24*	*% of obs. deaths	1084		
Kuching	1978-80	H	100	ill.abos	ILL			0.1			2			Data:socioec, method, age, med	0223		
National	1966-67	CS		WM, 15-44	IND					1						1092	
National	1970	CS	9506	RS, WM 15-44	IND			6.3	5.4					1-year data; Data:1970-73, R-U	1092		
National	1973	CS	9506	RS, WM 15-44	IND			19.0	14.7					1-year data; Data 1970-73, R-U	1092		
National	1974	CS	9506*	RS, WM 15-44	IND			4.3	3.9	10.7				age *41'221 pregn.s; 167 ind %W;	1092		
National	1974	CS	9506*	RS, WM 15-44	IND,SP			10.3	9.2					Data: age, socdem, R-U, method prov, ccep	1092		
National	1976	CS		WM, 15-44	IND					2.5				*41'221 pregn.s;399 ind,sp %W	1092		
Peninsular	1960-63	H	38348	abo.adm	SP,IND						0.2			Data: region, yearly 1960-63	0921		
Peninsular	1960-63	H	38348	abo.adm	IND	9.2					1.3			Data: region, yearly 1960-63	0921		
Peninsular	1964-67	H	36723	abo.adm	SP,IND			10.70	9.7		0.2	190		Data: region, yearly 1964-71	0921		
Peninsular	1964-67	H	36723	abo.adm	IND	8.4		0.90	0.8		1.3	120		Data: region, yearly 1964-71	0921		
Peninsular	1968-71	H	50009	abo.adm	SP,IND			13.60	11.9		0.2	240		Data: region, yearly 1964-71	0921		
Peninsular	1968-71	H	50009	abo.adm	IND	6.3		0.90	0.7		1.6	130		Data: region, yearly 1964-71	0921		
Peninsular	1972	H	14741	abo.adm	SP,IND						0.1			Data: region	0921		
Peninsular	1972	H	14741	abo.adm	IND	7.3					0.7			Data: region	0921		
Peninsular	1972	H	14741	abo.adm	SE,SP						1.8			All hospitals	1092		

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<b>UNSAFE ABORTION</b>																	
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons																	
Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000				% of all Matern Deaths
						Admissions Abor-tion	GYM OBS	Live Births -	Preg nancies				Live Births	Women RepAge			
<b>MALAYSIA cont.</b>																	
Peninsular	1972	H	1076	se.adm	SE							14.1				All hospitals	1092
Sarawale	1978-80	H	100	ind abo.adm	IND							2				Data: socdem, med, method, resources	0344
West Malaysia	1975 P			pregnancies	SP,IND					30							1070
West Malaysia	1975 P			pregnancies	IND					14							1070
<b>NEW ZEALAND</b>																	
National	1961-63	STA		matern.deaths	ABO								5				1366
National	1968-72	STA		abo.deaths	SP,ILL									0.2			1000
National	1970-71	CS	1200	RS, W >15	ILL					1.1A						1972 study; Data: abo.attempt	0355
National	1970-71	EA	6500	ill.abos	ILL					1.1A						E based on 1972 study	0355
National	1970-71	EA	11000	ill.abo attempt	ILL					1.8A						E based on 1972 study	0355
National	1976	CS	1260	RS, W>15	ABO					3.8						Retrosop. study	0388
<b>PAPUA NEW GUINEA</b>																	
Hospital	1964-73	STA	142	matern.deaths	ABO												0027
Hospital	1964-73	STA	142	matern.deaths	ILL												0027
National	1971-72	STA	364	matern.deaths	ILL												0011
National	1971-72	STA	364	matern.deaths	ABO											2.7 8/10 cases se	0011
National	1976-83	VAR	895	matern.deaths	ABO												1173

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## UNSAFE ABORTION

Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fatality %	per 100,000		% of all Matern Deaths		
						Admissions Abor-tion	GYN OBS	Live Births				Preg-nanc-ies	Live Births			
<b>PHILIPPINES</b>																
Cabanatuan	1976	H	485	abo.adm	ABO		20.5									1285
Cabanatuan	1976	HS	395	RS, abo.adm	IND	11.6									Data: age, socdem, parity, gest, ccep	1285
Cavite	1980	CS		pregnancies	IND				17						Data: method, prov	0228
Cavite prov., 5 barrios	1976	CS	676	all WM, 15-49	IND					17	1.3				Data: prov, method, socdem	0612
Hospital	1984	H	12855	pregnancies	IND				27.2						Prosp.study; Data: meth., prov	0228
Hospitals	1964-65		190	matern deaths	SE								16			0228
Laguna	1967-69	CS		pregnancies	IND					1.2					Data: method, prov	0228
Laguna prov.	1967-69	CS		W, EM, repr.age	IND						30					0612
Luzon	1980	CS		pregnancies	IND					33.4					Data: method	0228
Manila	1969-70	H		pregnancies	IND					25.8					Data: method, prov.	0228
Manila	1976	H	1523	abo.adm	ABO		15.8									1285
Manila	1976	HS	1072	RS, abo.adm	IND	27									Data: age, socdem, parity, gest, ccep	1285
Manila	1978	H		W, 20-29, pregn.	IND					26.9					Data: method, prov.	0228
Manila	1978	H		W, 30-34, pregn.	IND					11.6					Data: method, prov.	0228
National	1968-72	STA		abo.deaths	SP, ILL								1.3			1000
National	1973-77	STA		abo.deaths	SP, ILL								1.3		Data for four years	1000
National	1975	STA	1753	matern.deaths	ABO							10		7.1		1171
National	1985-86	H		matern deaths	IND									24		0228

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**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths		
						Admissions Abor- tion	GYN OBS	Live Births				Preg nanc ies	Live Births			
PHILIPPINES cont. Rural Area	1979 P	CS		W interviewed	IND					17				Data: method	0392	
Selected Areas	1979	PS	106	abo.providers	ILL									Data:prov, method; 12 to 1'800 clients/year, average 156	0342	
Selected Areas	1979	CS	286	W, 17-50 abort.	ILL						1.6			Data: method, ccep, reason	0342	
Sta Rosa, Laguna	1963-67	CS	4787*	all W,EM, 15-45	ABO			8.5	12.9	1.2				Period data, study 1968-69; *8'473 pregnancies	1342	
Sta Rosa, Laguna	1963-67	CS	835*	20% RS, W, EM	ABO			8.5	28.5	1.5				Period data, study 1968-69; *4'090 pregnancies	1342	
Sta Rosa, Laguna	1963-67	CS	619*	W,EM,15-45abort	ABO			80.8	43.7	1.2				Period data, study 1968-69; *1'647 pregn.s; Data: yearly, age, parity, socec	1342	
<b>REPUBLIC OF KOREA</b>																
Kang Wha island	1975-77	CS	1106*	WM, pregnant	IND			20.6	15.8					*2576 pregn.s; Retros. study; Data: age	1278	
Kang Wha island	1975-77	CS	917	WM, pregnant	IND			36.7	25.6					Prosp.study(917/1106W followed through pregnancy); Data: age socdem parity, gest	1278	
Kang Wha island	1975-77	CS	1106*	WM, pregnant	ABO**			30.8	23.6	32.6	1.7			Retros. study; *2576 pregn.s; **incl. stillbirths; Data: age	1278	
National	1960	E	93000	ind.abos	IND					1.5A					0464	
National	1964	CS		WM, <44	IND					7				Data:R-U, yearly 1964-67, 1971	1069	
National	1965	CS		WM, repr.age	IND					11				Data: ccep	0462	
National	1966	CS		WM, 20-44	IND					13				Data: R-U	0464	
National	1967	CS		WM, repr.age	IND					20				Data: ccep	0462	
National	1968	CS		WM, 20-44	IND					16				Data: R-U	0464	
National	1970	E*	331000	ind.abos	IND					4.5A				*other E 344000	0464	

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## UNSAFE ABORTION

Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths		
						Admissions Abor- tion	GYN OBS	Live Births				Preg nanc ies	Live Births			
REPUBLIC OF KOREA cont.																
National	1970	CS		WM, repr.age	IND					26					Data: ccep	0462
National	1970	E	331985	ind.abos	IND										Data: yearly 1960-70	1069
National	1970	E		W	ABO										1621 abos %;W;Data:R-U,1960-70	1251
National	1971	CS	6285	W, EM, 15-54	IND					24.4					Data: age, R-U	0464
National	1971	CS	4932	W, EM, 20-44	IND			16.6	13.1	27.9					Data: R-U; yearly 1965-71; 602 ind %;W	0464
National	1971	CS		WM, <44	IND					24					Data:R-U, yearly 1964-67, 1971	1069
National	1971	E		WM, 15-44	ABO					26					E based on CS	1103
National	1973	E		WM, 15-44	ABO					30					E based on CS	1103
National	1974			W, 15-44	IND					30						1023
National	1974	CS	4867	WM 1x	IND			14		31	1.9				Data: ccep, parity	1311
National	1974	CS	1967*	WM, 15-49	IND				14	31	1.9				*23'800 pregn.s; Data: ccep	1105
National	1976	E		WM, 15-44	ABO					39					E based on CS	1103
National	1978	E		WM, 15-44	ABO					48					E based on CS	1103
National, rural	1971	CS	3757	W, EM, 15-54	IND					17.2					Data: age	0464
National, urban excl.Seoul	1971	CS	1416	W, EM, 15-54	IND					32.8					Data: age, R-U	0464
Seoul	1960's		58	matern.deaths	IND							0.04				0105
Seoul	1960-61	H	591	W, 20-40	IND					34.9						0459
Seoul	1961			WM, 20-44	IND				17							0105

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**UNSAFE ABORTION**  
 Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of			% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000		% of all Matern Deaths		
						Admissions Abor- tion	GYN OBS	Live Births				Preg nanc ies	Live Births			
REPUBLIC OF KOREA cont.																
Seoul	1962	H	2497	gyn+obs pats	IND					25.8						0459
Seoul	1963			WM, 45	IND			55			3.2					0105
Seoul	1963	E	55000	ind.abos	IND			49							Based on 49% of live birth or 130 ind %W	0459
Seoul	1964	H	1000	fam.pl.pats	IND					45.3						0459
Seoul	1968			WM, 45	IND			70			3.2					0105
Seoul	1968-69		2228	WM, 20-44	IND				40							0105
Seoul	1970			WM, 20-44	IND			770								0105
Seoul	1970	E	110000*	ind.abos	IND										*100'000-120'000	0105
Seoul	1970			abos	ABO			75		7.5A						1314
Seoul	1971	CS	1112	W, EM, 15-54	IND					38.2					Data: age, R-U	0464
Seoul	1977-78	PS	533000*	ind.abos	IND			275		23.5A					*726 providers; Data: method, prov, gest, cost	1314
Seoul	1980-82	HS	620	W, 13-24, pregn	IND					18.7	1.2				Data: age, socdem, med	0476
Seoul, Sungdong Gu	1961	CS	3204	RS, WM, 20-44	IND			21.1	16.6	5.2A					1-year data	0459
Seoul, Sungdong Gu	1962	CS	3204	RS, WM, 20-44	IND			37.6	25.6	8.6A					1-year data	0459
Seoul, Sungdong Gu	1963	CS	3204	RS, WM, 20-44	IND			49.0	31.2	13.0A					1-year data	0459
Seoul, Sungdong Gu	1964	CS	3204	RS, WM, 20-44	IND			14.7	12.1	25.1	1.9				Retrospective study; 468 abos %W;	0459
Seoul, Sungdong Gu	1969	CS	2228	RS, WM, 20-44, employed	IND			74.8	40.0	17.6A					Data: age, socdem, prov, method	0458
Seoul, Sungdong Gu	1970	CS	2228	RS, WM, 20-44, employed	IND			33.8	24.0	43.2	2.4				Retrospective study; 1031 ind %W;	0458

BRK R500C SH.01.09.F 48 V



**UNSAFE ABORTION**  
Frequency and Mortality of Abortion not Provided through Approved Facilities and/or Persons

Region, Country or Area	Year	Data Characteristics				Frequency						Mortality			Notes	Ref. no.	
		Type of Data	Number or Sample Size	Study Group	Type of Abortion	as a Percent of				% of Women Ever/A Abort.	Av.No. of Abo's. per W Abort.	Case Fata- lity %	per 100,000				% of all Matern Deaths
						Admissions Abor- tion	GYN OBS	Live Births -	Preg nanc ies				Live Births	Women RepAge			
<b>SINGAPORE</b>																	
National	1968-72	STA		abo.deaths	SP,ILL								0.9			Data for four years	1000
National	1973-77	STA		abo.deaths	SP,ILL								0.4				1000
Singapore	1964-69	H	20277	abo.adm	SE	7.2		0.6			2.3	15				Data: yearly	0030
Singapore	1964-70	AA		matern.deaths	ABO,ILL									20-25		Most ill.	0030
Singapore	1968-70	STA	51	matern deaths	ILL							6		15.7			0217
Singapore	1968-70	STA	9265	abo.adm excl.L	IND,SP			6.7D			0.2	11D		29.4		16.9% L adm; Data: age	0217
Singapore	1970	H	3097	abo.adm	SE	4.5		0.4			2.2	8					0030
Singapore	1971-73	STA	35	matern deaths	ILL							5		22.9			0217
Singapore	1971-73	STA	5927	abo.adm excl.L	IND,SP			4.1D			0.2	9D		37.1		67.2% L adm; Data: age	0217
Singapore	1974-76	STA	26	matern deaths	ILL							1		3.8			0217
Singapore	1974-76	STA	5368	abo.adm excl.L	IND,SP			4.2D			0.2	7D		34.6		86.7% L adm; Data: age	0217

**Abbreviations:**

\* = data in note column  
A = per annum, 1 year data  
ABO = abortion, unspecified, non-legal  
ABO(L) = abortion, unspecified (incl. legal)  
CS = community study  
D = deliveries  
E = estimate  
EA = estimated annual  
G = gynaecological admission  
H = hospital data  
HAE = abortion haemorrhage

HS = hospital study  
ILL = illegal abortion  
IND = induced abortion, non-legal  
P = year of publication  
PIND = probably induced and induced abortion (non-legal)  
PP = private practice  
PPIND = induced, possibly and probably induced (non-legal)  
PS = provider study  
SE = septic abortion  
SP = spontaneous abortion  
STA = statistical source  
VAR = various sources

WHO/MCH Unsafe Abortion Database, Geneva, Switzerland. Date printed: 18 December 1990

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