

Liberia - Measuring Abortion Incidence, Cost, and Quality of Post-Abortion Care in Liberia, Patient Morbidity Survey and Patient Exit interview

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Overview

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NOTES

N/A

Overview

ABSTRACT

Unsafe abortion was one of the major causes of complications, leading to Liberia's high maternal mortality ratio (1,072 deaths per 100,000 live births). The Ministry of Health highly prioritized reducing the high rates of maternal and neonatal deaths in the country. Among national efforts to improve access to and quality of reproductive, maternal, neonatal, child, and adolescent health (RMNCAH) services was the prevention of unsafe abortion and morbidity and mortality from unsafe abortions because nearly 6 out of 10 girls were mothers before age 19. In addition, adolescent pregnancy contributed to high maternal mortality and high neonatal mortality. Nevertheless, there was little information available on abortion incidence, burden and costs of managing complications from unsafe abortions, and the quality of post-abortion care. Data were critical for government and civil society stakeholders to design effective policies and guidance to reduce maternal morbidity and mortality from unsafe abortions and to advocate for increased access to comprehensive abortion care (inclusive of safe abortion for legal indications and post-abortion care) in Liberia.

Objectives: The overall aim of the study was to determine the incidence of induced abortions, severity and magnitude of abortion-related complications, quality of PAC, and cost burden of unsafe abortion on the health systems in Liberia.

Methodology: A mixed-method cross-sectional design was applied to determine the incidence of abortion in Liberia. This research design was employed using the Abortion Incidence Complication Method (AICM). This widely applied indirect method had produced robust estimates of abortion incidence in a range of contexts. The study comprised five (5) different surveys, namely: 1) Health Facility Survey (HFS), 2) Prospective Morbidity Survey, 3) Knowledgeable Informant Survey, 4) Quality of PAC survey, and 5) Post Abortion Care (PAC) Costing Survey. The Health Facility Survey was implemented at sampled public facilities using a nationally representative, stratified, random sampling approach to determine the incidence of induced abortion and abortion complications in Liberia. The Health Facility Survey also included a quality survey to assess the quality of post-abortion care. The Prospective Morbidity Survey was about women seeking PAC in health facilities and providers, including a patient chart review to assess the severity of complications. It also collected data on decision-making, care-seeking pathways, and awareness of the country's abortion law. For the Knowledgeable Informant Survey, a sample of health sector stakeholders who were knowledgeable about abortion/PAC in Liberia were interviewed. Data from this component generated the multiplier to inform the incidence of abortion. The PAC costing study targeted health facility administrators to estimate the costs of PAC at facilities and the national level.

UNITS OF ANALYSIS

women of reproductive age seeking Post Abortion Care services in health care facility

Scope

NOTES

PATIENT SOCIOECONOMIC INFORMATION

PATIENT REPRODUCTIVE HISTORY

PATIENT'S MOST RECENT PREGNANCY

PATIENT FAMILY PLANNING HISTORY

PATIENT EXPERIENCE IN HEALTH FACILITY

PATIENT KNOWLEDGE ABOUT INDUCED ABORTION

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

women receiving post abortion care (patient survey) and their care providers (providers' survey).

Producers and Sponsors

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FUNDING

Name	Abbreviation	Role
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Swedish International Development Cooperation Agency	Sida	
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Sampling

Sampling Procedure

Based on a study by Moseson et al. in 2015, about 32% of women had ever had an abortion in Liberia. Since we did not have the proportion of women who seek PAC in Liberia, we used this indicator under the liberal assumption that the same proportion of women may have sought PAC in health facilities. Therefore, this present study drew a sample of PAC patients from the HFS facilities, with sufficient power for a stable estimation of 32% PAC cases to detect a statistical difference in estimates with a 5% error. If we assume that is the sample of women needed in this study, then we assume that: Assuming a response rate of 95% similar to the 2015 study¹, a sample of $(335/0.95) = 352$ women per stratum/region would be sufficient. Given that Liberia has five regions, the final sample of patients required in the study was 352 (stratum sample) $\times 5$ (regions) = 1760 obtained from all of the eligible facilities. With this sample of 1760 women across 77 health facilities, we estimate an average of 22.9 patients per facility over 30 days of facility observation.

Deviations from Sample Design

N/A

Response Rate

100 percent

Weighting

We constructed probability weights to account for the two stages of health facility sampling (stage 1: HFS sample from the universe of all facilities in Liberia that provide PAC; stage 2: sample of PMS facilities from HFS list). We then adjusted these weights to account for facility-level non-response.

Questionnaires

Overview

The questionnaire was written in English with a primary purpose of the PMS was to provide the data necessary to describe the characteristics of women receiving treatment for abortion complications, the type of treatment received for complications, and the delays in access to post-abortion care. Since the completeness of medical records for PAC patients varied from facility to facility, the PMS relied on a facility-based, prospective approach for data collection. The study population were women receiving PAC (patient survey) and their care providers (providers' survey).

Data Collection

Data Collection Dates

Start	End	Cycle
2021-09-27	2021-11-21	N/A

Data Collection Mode

Face-to-face [f2f]

Questionnaires

The questionnaire was written in english with a primary purpose of the PMS was to provide the data necessary to describe the characteristics of women receiving treatment for abortion complications, the type of treatment received for complications, and the delays in access to post-abortion care. Since the completeness of medical records for PAC patients varied from facility to facility, the PMS relied on a facility-based, prospective approach for data collection. The study population were women receiving PAC (patient survey) and their care providers (providers' survey).

Supervision

The Interview was conducted by a team of field interviewers. Each team included 6 interviewers, in addition to 1 team lead.

The supervisor's role was to coordinate field data collection and manage teams. They also assigned tasks to interviewers, spot-checked work, maintained control documents, and sent completed questionnaires and progress reports to the central data portal.

Frequent Field visits were made after every two weeks for period of data collection by the study members

Data Processing

Data Editing

the software used was survey CTO for data collection, the data was later downloaded in STATA format.

Other Processing

N/A

Data Appraisal

Estimates of Sampling Error

N/A

File Description

Variable List

PMS AND PEI_RECAST

Content

Cases	455
Variable(s)	554
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V2	submissiondate	Date/time submitted	contin	numeric	N/A
V3	region	G3. Region	discrete	numeric	Region
V4	county	G4. County	discrete	numeric	County
V5	district	G5. District	discrete	numeric	District
V6	facility	G6. Facility	contin	numeric	Facility
V8	levelofhealthfacility	G7. Level of facility	discrete	numeric	N/A
V9	typeofhealthfacility	G8. Type of facility	discrete	numeric	N/A
V10	geographicalarea	G9. Geographic area	discrete	numeric	N/A
V11	start		contin	numeric	N/A
V12	end		contin	numeric	N/A
V13	today		discrete	character	N/A
V14	surveydate	G2. Date of data collection visit	discrete	character	Date of data collection visit
V16	facdup		discrete	numeric	N/A
V17	subscriberid	subscriberid	contin	numeric	N/A
V18	simid	simid	contin	numeric	N/A
V19	devicephonenumber	devicephonenumber	contin	numeric	N/A
V20	username	username	discrete	character	N/A
V21	duration_in_sec	duration_in_sec	contin	numeric	N/A
V22	duration_in_min	duration_in_min	contin	numeric	N/A
V27	dialect	G4. Interview dialect	discrete	numeric	Interview dialect
V28	dielectother	Specify other	discrete	character	Specify other
V29	respondent_id	G5. Patient Registration Number (ID)	contin	numeric	Patient Registration Number (ID)
V30	consent	G6. Did the woman consent to be interviewed?	discrete	numeric	Did the woman consent to be interviewed?
V31	consent_reasonno	G7. If NOT consented, what was the reason?	discrete	numeric	If NOT consented, what was the reason?
V32	consent_reasonother	What other reason(s) led to her refusal to be interviewed?	discrete	character	What other reason(s) led to her refusal to be interviewed?
V33	se1	SE1. What is your age?	contin	numeric	What is your age?
V34	se2	SE2. Do you live in the big city or the interior part of Liberia?	discrete	numeric	Do you live in the big city or the interior part of Liberia?

V35	se3	SE3. What is your current marital status?	discrete	numeric	What is your current marital status?
V36	se4	SE4. What is your religious belief?	discrete	numeric	What is your religious belief?
V37	se5	SE5. Are you currently in school?	discrete	numeric	Are you currently in school?
V38	se6	SE6. What is your highest level of education	discrete	numeric	What is your highest level of education
V39	se7	SE7. What is the main income-generating activity YOU are engaged with?	discrete	numeric	What is the main income-generating activity YOU are engaged with?
V40	se7_sp	Specify your main income-generating activity	discrete	character	Specify your main income-generating activity
V41	se8_unit	SE8 (a). On average, how much do YOU earn? Pick daily, weekly, or monthly.	discrete	character	On average, how much do YOU earn? Pick daily, weekly, or monthly.
V42	se8_ld	SE8 (b). On average, how much do YOU earn per \${SE8_unit}?	contin	numeric	On average, how much do YOU earn per [SE8_unit]?
V43	se8currency	Select Currency	discrete	numeric	Select Currency
V44	se9	SE9. What is the main income-generating activity your HUSBAND/PARTNER is engaged	discrete	numeric	What is the main income-generating activity your HUSBAND/PARTNER is engaged with?
V45	se9_sp	Specify your husband/boyfriend's main income-generating activity	discrete	character	Specify your husband/boyfriend's main income-generating activity
V46	se10_unit	SE10. On average, how much does your HUSBAND/PARTNER earn? Pick daily, weekly, o	discrete	character	On average, how much does your HUSBAND/PARTNER earn? Pick daily, weekly, or monthly
V47	se10_ld	SE10. On average, how much does your HUSBAND/PARTNER earn per \${SE10_unit}?	contin	numeric	On average, how much does your HUSBAND/PARTNER earn per [SE10_unit]?
V48	se10currency	Select Currency	discrete	numeric	Select Currency
V49	se11	SE11. How many people, including you, live in your household?	contin	numeric	How many people, including you, live in your household?
V50	se12	SE12. Do you have electricity in your household?	discrete	numeric	Do you have electricity in your household?
V51	se13	SE13. What is the main source of the electricity in your household?	discrete	numeric	What is the main source of the electricity in your household?
V52	se14	SE14. Which of the listed household items do you have in your household?	discrete	numeric	Which of the listed household items do you have in your household?
V53	se14a	Television	discrete	numeric	Television
V54	se14b	Radio	discrete	numeric	Radio
V55	se14c	Mobile phone	discrete	numeric	Mobile phone
V56	se14d	Refrigerator (Ice box)	discrete	numeric	Refrigerator (Ice box)
V57	se14e	Computer	discrete	numeric	Computer
V58	se15	SE15. Which of the listed Transportation Assets do you own or any member of your	discrete	numeric	Which of the listed Transportation Assets do you own or any member of your household owns?
V59	se15a	Bicycle	discrete	numeric	Bicycle
V60	se15b	Motorcycle	discrete	numeric	Motorcycle
V61	se15c	Animal drawn cart	discrete	numeric	Animal drawn cart

V62	se15d	Car	discrete	numeric	Car
V63	se15e	Tractor	discrete	numeric	Tractor
V64	se15f	Boat with a motor	discrete	numeric	Boat with a motor
V65	se15g	Wheelbarrow	discrete	numeric	Wheelbarrow
V66	se16	SE16. What is the main construction materials of the wall of your main house?	discrete	numeric	What is the main construction materials of the wall of your main house?
V67	se16_sp	Specify the main materials of your walls	discrete	character	Specify the main materials of your walls
V68	se17	SE17. What is the main construction materials of the roofing of your main house?	discrete	numeric	What is the main construction materials of the roofing of your main house?
V69	se17_sp	Specify the main materials of your roofing	discrete	character	Specify the main materials of your roofing
V70	se18	SE18. What is the main construction materials of the floor of your main house?	discrete	numeric	What is the main construction materials of the floor of your main house?
V71	se18_sp	Specify the main materials of your floor	discrete	character	Specify the main materials of your floor
V72	se19	SE19. What is the main source of drinking water for your household?	discrete	numeric	What is the main source of drinking water for your household?
V73	se19_sp	Specify your main source of drinking water	discrete	character	Specify your main source of drinking water
V74	se20	SE20. What type of toilet facility do member of your household mainly use?	discrete	numeric	What type of toilet facility do member of your household mainly use?
V75	se20_sp	Specify your toilet facility type	discrete	character	Specify your toilet facility type
V76	food_yn	SE21. Was there any time in the last 7 days that your household didn't have food	discrete	numeric	Was there any time in the last 7 days that your household didn't have food to eat
V77	rh1	RH1. How many pregnancies have you had in total, including the one you are seeki	discrete	numeric	How many pregnancies have you had in total, including the one you are seeking care for?
V78	rh2	RH2. Have you ever given birth?	discrete	numeric	Have you ever given birth?
V79	male	RH3a. In total, how many children have you given birth to (including any that ma	discrete	numeric	RH3a. In total, how many children have you given birth to (including any that may have been born alive but later died), that are male?
V80	female	RH3b. In total, how many children have you given birth to (including any that ma	discrete	numeric	RH3b. In total, how many children have you given birth to (including any that may have been born alive but later died), that are female?
V81	children_sum	children_sum	discrete	numeric	N/A
V82	rh4	RH4. How many biological living children do you have, including those who are no	discrete	numeric	How many biological living children do you have, including those who are not currently living with you?
V83	rh5	RH5. When was your last birth?	discrete	character	When was your last birth?
V84	rh6	RH6. Before the pregnancy that make you come to the hospital, how many other bel	discrete	numeric	Before the pregnancy that make you come to the hospital, how many other belly ever spoil by itself?
V85	rh7	RH7. Before the pregnancy that make you come to the hospital, how many other bel	discrete	numeric	Before the pregnancy that make you come to the hospital, how many other belly yourself decided to spoil?

V86	rh8	RH8. Not counting this pregnancy that make you come to the hospital, how many be	discrete	numeric	Not counting this pregnancy that make you come to the hospital, how many belly have you ever had that you never intended to have?
V87	pg1	PG1. For the pregnancy that brought you to the hospital now, at the time you bec	discrete	numeric	For the pregnancy that brought you to the hospital now, at the time you became pregnant, what was your decision about getting pregnant?
V88	pg2	PG2. If you didn't want to get pregnant at the time, how much longer would you l	discrete	numeric	If you didn't want to get pregnant at the time, how much longer would you like to have waited before getting pregnant?
V89	pg3	PG3. If you wanted the pregnancy but later change your mind, Why did you change	discrete	numeric	If you wanted the pregnancy but later change your mind, Why did you change your mind?
V90	pg4	PG4. If you did not want to get pregnant at all, what was your reason (s) for wh	discrete	character	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time?
V91	pg4_1	PG4_1	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_Satisfy with the number of children I already have
V92	pg4_2	PG4_2	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_The high cost of raising children
V93	pg4_3	PG4_3	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_I was too soon since my last birth, my baby still small
V94	pg4_4	PG4_4	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_I was going to drop out of school
V95	pg4_5	PG4_5	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_I am not married to the man
V96	pg4_6	PG4_6	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_My job was going to spoil
V97	pg4_7	PG4_7	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_Got pregnant by someone other than husband/regular partner
V98	pg4_8	PG4_8	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_Abandoned by partner or partner denied pregnancy
V99	pg4_9	PG4_9	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_Forced to have sex
V100	pg4_10	PG4_10	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_Health reasons
V101	pg4_11	PG4_11	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_Feel too old to have children

V102	pg4_12	PG4_12	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_Feel too young to have children
V103	pg4_13	PG4_13	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_Forced by partner to end pregnancy
V104	pg4_14	PG4_14	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_Parents/other relatives were opposed
V105	pg4_99	PG4_99	discrete	numeric	If you did not want to get pregnant at all, what was your reason (s) for which you did not want the pregnancy at that time_Other (specify)
V106	pg4_sp	Specify the other reason(s) why you did not want to get pregnant at all	discrete	character	Specify the other reason(s) why you did not want to get pregnant at all
V107	pg5_unit	PG5. How many weeks (or months) pregnant were you before you lost your pregnancy	discrete	character	How many weeks (or months) pregnant were you before you lost your pregnancy? Pick weeks or months.
V108	pg5_num	PG5. How many \${PG5_unit} pregnant were you before you lost your pregnancy?	contin	numeric	How many [PG5_unit] pregnant were you before you lost your pregnancy?
V109	complications1_label	PG6-1. Please describe the problems you had when you first started having health	discrete	numeric	Please describe the problems you had when you first started having health problems as a result of this pregnancy as a mild, moderate or severe problem.
V110	bleeding1	Bleeding	discrete	numeric	Bleeding
V111	pain1	Pain	discrete	numeric	Pain
V112	injuries1	Injuries	discrete	numeric	Injuries
V113	fever1	Fever	discrete	numeric	Fever
V114	discharge1	Vaginal discharge (other than blood)	discrete	numeric	Vaginal discharge (other than blood)
V115	other_complications1	Other (specify)	discrete	numeric	Other (specify)
V116	other_complications1_sp	Specify the other complications you experienced.	discrete	character	Specify the other complications you experienced.
V117	complications2_label	PG6-2. Please describe the problems you had when you first presented at this fac	discrete	numeric	Please describe the problems you had when you first presented at this facility as a result of this pregnancy as a mild, moderate or severe problem.
V118	bleeding2	Bleeding	discrete	numeric	Bleeding
V119	pain2	Pain	discrete	numeric	Pain
V120	injuries2	Injuries	discrete	numeric	Injuries
V121	fever2	Fever	discrete	numeric	Fever
V122	discharge2	Vaginal discharge (other than blood)	discrete	numeric	Vaginal discharge (other than blood)
V123	other_complications2	Other (specify)	discrete	numeric	Other (specify)
V124	other_complications2_sp	Specify the other complications you experienced.	discrete	character	Specify the other complications you experienced.
V125	severity_overall	PG6-3. Thinking about all your health problems put together, will you consider y	discrete	numeric	Thinking about all your health problems put together, will you consider your complications to be mild, moderate or severe?

V126	activities_label	PG7. In spite of the health problems, were you able to do the following activities	discrete	numeric	In spite of the health problems, were you able to do the following activities between the time the problem started, and when you decided to come to this facility to seek care?
V127	cooking	Cooking	discrete	numeric	Cooking
V128	housework	Housework (other than cooking)	discrete	numeric	Housework (other than cooking)
V129	business	Going to work / business	discrete	numeric	Going to work / business
V130	caring	Caring for other family members	discrete	numeric	Caring for other family members
V131	pg8	PG8. When you realized that you were having health problems, did you tell someone	discrete	numeric	When you realized that you were having health problems, did you tell someone?
V132	pg9	PG9. Who did you tell that you were having health problems?	discrete	character	Who did you tell that you were having health problems?
V133	pg9_1	PG9_1	discrete	numeric	Who did you tell that you were having health problems_Husband/partner/boyfriend
V134	pg9_2	PG9_2	discrete	numeric	Who did you tell that you were having health problems_Mother/mother-in-law
V135	pg9_3	PG9_3	discrete	numeric	Who did you tell that you were having health problems_Sister/sister -in-law
V136	pg9_4	PG9_4	discrete	numeric	Who did you tell that you were having health problems_Some other relative
V137	pg9_5	PG9_5	discrete	numeric	Who did you tell that you were having health problems_Friend
V138	pg9_6	PG9_6	discrete	numeric	Who did you tell that you were having health problems_Health care worker
V139	pg9_7	PG9_7	discrete	numeric	Who did you tell that you were having health problems_Traditional health provider
V140	pg9_99	PG9_99	discrete	numeric	Who did you tell that you were having health problems_Other person (specify)
V141	pg9_sp	Who else did you tell that you were having health problems?	discrete	character	Who else did you tell that you were having health problems?
V142	pg10	PG10. If you did not tell someone about your health problems, what was the reason	discrete	character	If you did not tell someone about your health problems, what was the reason?
V143	pg10_1	PG10_1	discrete	numeric	If you did not tell someone about your health problems, what was the reason_Did not consider it serious enough
V144	pg10_2	PG10_2	discrete	numeric	If you did not tell someone about your health problems, what was the reason_Afraid of husband/partner's reaction
V145	pg10_3	PG10_3	discrete	numeric	If you did not tell someone about your health problems, what was the reason_Afraid of family's reaction
V146	pg10_4	PG10_4	discrete	numeric	If you did not tell someone about your health problems, what was the reason_Afraid of being reported to police
V147	pg10_5	PG10_5	discrete	numeric	If you did not tell someone about your health problems, what was the reason_Did not want others to know
V148	pg10_6	PG10_6	discrete	numeric	If you did not tell someone about your health problems, what was the reason_Do not have a close friend/relative to tell

V149	pg10_7	PG10_7	discrete	numeric	If you did not tell someone about your health problems, what was the reason_Felt embarrassed
V150	pg10_99	PG10_99	discrete	numeric	If you did not tell someone about your health problems, what was the reason_Other (specficy)
V151	pg10_sp	What other reasons did you not tell someone about your health problems?	discrete	character	What other reasons did you not tell someone about your health problems?
V152	pg11_time_unit	PG11. After experiencing health problems, how long did it take for you to realiz	discrete	character	After experiencing health problems, how long did it take for you to realize you needed medical care? Select the time unit used by the patient
V153	pg11_time_sp	PG11. How many \${PG11_time_unit} did it take for the patient to realize she nee	contin	numeric	How many [PG11_time_unit] did it take for the patient to realize she needed medical care?
V154	pg12	PG12. What was it about your health problems that made you realize you needed me	discrete	character	What was it about your health problems that made you realize you needed medical care?
V155	pg12_1	PG12_1	discrete	numeric	What was it about your health problems that made you realize you needed medical care_Symptoms would not stop
V156	pg12_2	PG12_2	discrete	numeric	What was it about your health problems that made you realize you needed medical care_Symptoms felt severe
V157	pg12_3	PG12_3	discrete	numeric	What was it about your health problems that made you realize you needed medical care_Worried about health consequences of waiting
V158	pg12_4	PG12_4	discrete	numeric	What was it about your health problems that made you realize you needed medical care_ Experienced this problem before
V159	pg12_5	PG12_5	discrete	numeric	What was it about your health problems that made you realize you needed medical care_Partner/relative/friend told me to seek care
V160	pg12_6	PG12_6	discrete	numeric	What was it about your health problems that made you realize you needed medical care_Symptoms interfered with my work/school/housework
V161	pg12_99	PG12_99	discrete	numeric	What was it about your health problems that made you realize you needed medical care_Other (specify)
V162	pg12_sp	PG12. What other reason made you realize you needed medical care	discrete	character	What other reason made you realize you needed medical care
V163	pg14	PG14. What action did you take when you realized that you needed help??	discrete	numeric	What action did you take when you realized that you needed help??
V164	pg14_sp	PG14. What other action did you take when you realized you need help?	discrete	character	What other action did you take when you realized you need help?
V165	pg15	PG15. What was (were) the reason(s) why you did NOT seek care from a doctor or h	discrete	character	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems?
V166	pg15_1	PG15_1	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_Partner makes decisions, waited for approval

V167	pg15_2	PG15_2	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_Partner did not think I should go
V168	pg15_3	PG15_3	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_Other family member's decision, waited for approval
V169	pg15_4	PG15_4	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_Other family member did not think I should go
V170	pg15_5	PG15_5	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_Disagreement among family about what to do
V171	pg15_6	PG15_6	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_Did not know where to go
V172	pg15_7	PG15_7	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_Health facilities are too far
V173	pg15_8	PG15_8	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_Afraid of mistreatment at facility
V174	pg15_9	PG15_9	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_Afraid others would find out
V175	pg15_10	PG15_10	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_Afraid of facility calling police
V176	pg15_11	PG15_11	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_Lack (or difficulty) of transportation
V177	pg15_12	PG15_12	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_Did not think health problem was serious
V178	pg15_13	PG15_13	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_Did not have someone to take care of children
V179	pg15_14	PG15_14	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_My religion does not allow me to go
V180	pg15_99	PG15_99	discrete	numeric	What was (were) the reason(s) why you did NOT seek care from a doctor or health facility when you started having health problems_Other (specify)
V181	pg16_time_unit	PG16 (a). How long it stayed between the time you started feeling sick and the t	discrete	character	How long it stayed between the time you started feeling sick and the time the decision was made that you go to the health facility? Select the time unit used by the patient

V182	pg16_time_sp	PG16 (b). How many \${PG16_time_unit} did it take for the patient to realize she	contin	numeric	How many [PG16_time_unit] did it take for the patient to realize she needed medical care?
V183	pg17	PG17. During the time you waited between the time you started feeling sick and t	discrete	numeric	During the time you waited between the time you started feeling sick and the time you went to the hospital, did your symptoms get worse?
V184	pg18	PG18. Whose decision was it to seek medical care in a health facility?	discrete	numeric	Whose decision was it to seek medical care in a health facility?
V185	pg18_sp	PG18. Who is the other person whose decision it was to seek medical care in a he	discrete	character	Who is the other person whose decision it was to seek medical care in a health facility?
V186	pg19_time_unit	PG19. How much time passed between when the decision was made for you to seek ca	discrete	character	How much time passed between when the decision was made for you to seek care in a facility and the time you actually got to a facility?"
V187	pg19_time_sp	PG19. How many \${PG19_time_unit} passed between when the decisions was made for	contin	numeric	How many [PG19_time_unit] passed between when the decisions was made for you to be taken to a health facility and the time you actually got to the facility?
V188	pg20	PG20. What was (were) the reason(s) why you didn't go to a facility right away?	discrete	character	What was (were) the reason(s) why you didn't go to a facility right away?
V189	pg20_1	PG20_1	discrete	numeric	What was (were) the reason(s) why you didn't go to a facility right away_Lack of transport
V190	pg20_2	PG20_2	discrete	numeric	What was (were) the reason(s) why you didn't go to a facility right away_Lack of money
V191	pg20_3	PG20_3	discrete	numeric	What was (were) the reason(s) why you didn't go to a facility right away_Live too far from a health facility
V192	pg20_4	PG20_4	discrete	numeric	What was (were) the reason(s) why you didn't go to a facility right away_Bad weather
V193	pg20_5	PG20_5	discrete	numeric	What was (were) the reason(s) why you didn't go to a facility right away_No one to accompany respondent
V194	pg20_6	PG20_6	discrete	numeric	What was (were) the reason(s) why you didn't go to a facility right away_No one to watch children
V195	pg20_7	PG20_7	discrete	numeric	What was (were) the reason(s) why you didn't go to a facility right away_Indecision about which facility
V196	pg20_8	PG20_8	discrete	numeric	What was (were) the reason(s) why you didn't go to a facility right away_Fear of other people knowing
V197	pg20_99	PG20_99	discrete	numeric	What was (were) the reason(s) why you didn't go to a facility right away_Other (specify)
V198	pg20_0	PG20_0	discrete	numeric	What was (were) the reason(s) why you didn't go to a facility right away_Don't know
V199	pg20_sp	PG20. What were other reasons why you didn't go to a facility right away?	discrete	character	What were other reasons why you didn't go to a facility right away?
V200	pg21	PG21. Did you come directly to this facility, or did you first go to another hea	discrete	numeric	Did you come directly to this facility, or did you first go to another health facility before coming here?
V201	pg22	PG22. Where did you first seek care when you had the complication?	discrete	numeric	Where did you first seek care when you had the complication?
V202	pg23	PG23. What was (were) the reason(s) you sought care there first?	discrete	character	What was (were) the reason(s) you sought care there first?

V203	pg23_1	PG23_1	discrete	numeric	What was (were) the reason(s) you sought care there first_Close to house
V204	pg23_2	PG23_2	discrete	numeric	What was (were) the reason(s) you sought care there first_Charges low fees
V205	pg23_3	PG23_3	discrete	numeric	What was (were) the reason(s) you sought care there first_Takes care of patients
V206	pg23_4	PG23_4	discrete	numeric	What was (were) the reason(s) you sought care there first_Staff are very considerate
V207	pg23_5	PG23_5	discrete	numeric	What was (were) the reason(s) you sought care there first_Privacy/small facility
V208	pg23_6	PG23_6	discrete	numeric	What was (were) the reason(s) you sought care there first_I know someone who works at the facility
V209	pg23_99	PG23_99	discrete	numeric	What was (were) the reason(s) you sought care there first_Other (specify)
V210	pg23_0	PG23_0	discrete	numeric	What was (were) the reason(s) you sought care there first_No specific reason
V211	pg23_sp	PG23. What were the other reasons why you sought care there first?	discrete	character	What were the other reasons why you sought care there first?
V212	pg24	PG24. Why did you leave the first facility for another facility?	discrete	character	Why did you leave the first facility for another facility?
V213	pg24_1	PG24_1	discrete	numeric	Why did you leave the first facility for another facility_Did not get better
V214	pg24_2	PG24_2	discrete	numeric	Why did you leave the first facility for another facility_Could not afford the charges
V215	pg24_3	PG24_3	discrete	numeric	Why did you leave the first facility for another facility_Was referred elsewhere
V216	pg24_4	PG24_4	discrete	numeric	Why did you leave the first facility for another facility_No staff on duty to provide treatment
V217	pg24_5	PG24_5	discrete	numeric	Why did you leave the first facility for another facility_No equipment to provide treatment
V218	pg24_6	PG24_6	discrete	numeric	Why did you leave the first facility for another facility_No bed was available
V219	pg24_7	PG24_7	discrete	numeric	Why did you leave the first facility for another facility_Too long of a wait/too many other patients
V220	pg24_8	PG24_8	discrete	numeric	Why did you leave the first facility for another facility_Treatment was unsatisfactory
V221	pg24_99	PG24_99	discrete	numeric	Why did you leave the first facility for another facility_Other (specify)
V222	pg24_0	PG24_0	discrete	numeric	Why did you leave the first facility for another facility_No specific reason
V223	pg24_sp	PG24. What are other reasons why you left the first facility for another?	discrete	character	What are other reasons why you left the first facility for another?
V224	pg25_time_unit	PG25 (a). How much time passed between the time you arrived at this health facility	discrete	character	How much time passed between the time you arrived at this health facility and the time you were first attended to? - Select the time unit used by the patient
V225	pg25_time_sp	PG25 (b). How many [PG25_time_unit] passed between the time you arrived at this health facility and the time you were first attended to? - Select the time unit used by the patient	contin	numeric	How many [PG25_time_unit] passed between the time you arrived at this health facility and the time you were first attended to? - Select the time unit used by the patient
V226	pg26_time_unit	PG26 (a). How much time passed between the time you were attended to and the time you received COMPLETE treatment?	discrete	character	How much time passed between the time you were attended to and the time you received COMPLETE treatment? - Select the time unit used by the patient

V227	pg26_time_sp	PG26 (b). How many \${PG26_time_unit} passed between the time you were attended	contin	numeric	How many [PG26_time_unit] passed between the time you were attended to and the time you received COMPLETE treatment?
V228	pg27	PG27. How do you feel about the duration of the time you spent in this facility?	discrete	numeric	How do you feel about the duration of the time you spent in this facility?
V229	pg28	PG28. Why did it take time for you to be treated once you arrived at this facili	discrete	character	Why did it take time for you to be treated once you arrived at this facility?
V230	pg28_1	PG28_1	discrete	numeric	Why did it take time for you to be treated once you arrived at this facility_I was treated immediately
V231	pg28_2	PG28_2	discrete	numeric	Why did it take time for you to be treated once you arrived at this facility_I did not have money at the time
V232	pg28_3	PG28_3	discrete	numeric	Why did it take time for you to be treated once you arrived at this facility_There was no bed for me
V233	pg28_4	PG28_4	discrete	numeric	Why did it take time for you to be treated once you arrived at this facility_No doctor/nurse was available
V234	pg28_5	PG28_5	discrete	numeric	Why did it take time for you to be treated once you arrived at this facility_There were many patients in line ahead of me
V235	pg28_6	PG28_6	discrete	numeric	Why did it take time for you to be treated once you arrived at this facility_Initially went to a wrong department
V236	pg28_7	PG28_7	discrete	numeric	Why did it take time for you to be treated once you arrived at this facility_Facility staff did not consider me a priority
V237	pg28_8	PG28_8	discrete	numeric	Why did it take time for you to be treated once you arrived at this facility_Would not treat me without my parent's consent
V238	pg28_9	PG28_9	discrete	numeric	Why did it take time for you to be treated once you arrived at this facility_Surgery room was busy
V239	pg28_10	PG28_10	discrete	numeric	Why did it take time for you to be treated once you arrived at this facility_No anesthesiologist was on duty
V240	pg28_11	PG28_11	discrete	numeric	Why did it take time for you to be treated once you arrived at this facility_Lack of supplies (i.e. blood, anesthesia)
V241	pg28_12	PG28_12	discrete	numeric	Why did it take time for you to be treated once you arrived at this facility_Problems with water/electricity
V242	pg28_99	PG28_99	discrete	numeric	Why did it take time for you to be treated once you arrived at this facility_Other (specify)
V243	pg28_0	PG28_0	discrete	numeric	Why did it take time for you to be treated once you arrived at this facility_Don't know
V244	pg28_sp	PG28. What are other reasons why it took time for you to be treated once you arr	discrete	character	What are other reasons why it took time for you to be treated once you arrived at the facility?
V245	pg29	PG29. Did you or any other members of your household lose income because of your	discrete	numeric	Did you or any other members of your household lose income because of your health problems between the time the problems started, and when you came to this facility for care?

V246	pg30	PG30. How much income did you, or your household, lose as a result of your health	contin	numeric	How much income did you, or your household, lose as a result of your health problems(NOT including cost of treatment or transportation)?
V247	pg30currency	Currency	discrete	numeric	Currency
V248	fp1	FP1. BEFORE you became pregnant this gone time (the pregnancy that resulted in y	discrete	numeric	BEFORE you became pregnant this gone time (the pregnancy that resulted in your seeking treatment in this facility), were you doing something or using any family planning to delay or avoid getting pregnant?
V249	fp2	FP2. Which methods were you using (or what were you doing) at the time you becam	discrete	numeric	Which methods were you using (or what were you doing) at the time you became pregnant?
V250	fp3	FP3. Please tell me the reasons why you were not using a method of family planni	discrete	character	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility.
V251	fp3_1	fp3_1	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _Fear of side-effects
V252	fp3_2	fp3_2	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _Health reasons
V253	fp3_3	fp3_3	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _Husband or partner opposed
V254	fp3_4	fp3_4	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _Other family members opposed
V255	fp3_5	fp3_5	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _Don't want to use it/don't like it
V256	fp3_6	fp3_6	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _Wanted more children
V257	fp3_7	fp3_7	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _ Didn't know where to get FP
V258	fp3_8	fp3_8	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _FP services too far away

V259	fp3_9	fp3_9	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _Against religious beliefs
V260	fp3_10	fp3_10	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _Couldn't afford family planning
V261	fp3_11	fp3_11	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _Didn't think I could get pregnant
V262	fp3_12	fp3_12	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _Didn't expect to have sex
V263	fp3_13	fp3_13	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _Didn't think about it
V264	fp3_14	fp3_14	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _Coerced into having sex
V265	fp3_15	fp3_15	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _I have never used family planning
V266	fp3_16	fp3_16	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _I have traveled away and didn't know where to get FP
V267	fp3_99	fp3_99	discrete	numeric	Please tell me the reasons why you were not using a method of family planning when you became pregnant this time? I am asking about this most recent pregnancy that resulted in your seeking treatment in this facility. _Other
V268	fp4	FP4. If you fear the side effects of family planning, please tell me which side	discrete	character	If you fear the side effects of family planning, please tell me which side effects were you concerned about?
V269	fp4_1	fp4_1	discrete	numeric	If you fear the side effects of family planning, please tell me which side effects were you concerned about_Loss of menstrual cycle
V270	fp4_2	fp4_2	discrete	numeric	If you fear the side effects of family planning, please tell me which side effects were you concerned about_Heavy periods
V271	fp4_3	fp4_3	discrete	numeric	If you fear the side effects of family planning, please tell me which side effects were you concerned about_Spotting (irregular bleeding)

V272	fp4_4	fp4_4	discrete	numeric	If you fear the side effects of family planning, please tell me which side effects were you concerned about_Infertility
V273	fp4_5	fp4_5	discrete	numeric	If you fear the side effects of family planning, please tell me which side effects were you concerned about_Weight gain
V274	fp4_6	fp4_6	discrete	numeric	If you fear the side effects of family planning, please tell me which side effects were you concerned about_Weight loss
V275	fp4_7	fp4_7	discrete	numeric	If you fear the side effects of family planning, please tell me which side effects were you concerned about_Mood swings
V276	fp4_8	fp4_8	discrete	numeric	If you fear the side effects of family planning, please tell me which side effects were you concerned about_Headaches
V277	fp4_9	fp4_9	discrete	numeric	If you fear the side effects of family planning, please tell me which side effects were you concerned about_Nausea
V278	fp4_10	fp4_10	discrete	numeric	If you fear the side effects of family planning, please tell me which side effects were you concerned about_Fatigue
V279	fp4_11	fp4_11	discrete	numeric	If you fear the side effects of family planning, please tell me which side effects were you concerned about_Contraindications (e.g. high blood pressure)
V280	fp4_99	fp4_99	discrete	numeric	If you fear the side effects of family planning, please tell me which side effects were you concerned about_Other (specify)
V281	fp4_sp	FP4. Please specify the other side effects you are concerned about.	discrete	character	Please specify the other side effects you are concerned about.
V282	fp5	FP5. If your husband or partner opposed for you to use family planning, what were their reasons?	discrete	character	If your husband or partner opposed for you to use family planning, what were their reasons?
V283	fp5_1	fp5_1	discrete	numeric	If your husband or partner opposed for you to use family planning, what were their reasons_Loss of menstrual cycle
V284	fp5_2	fp5_2	discrete	numeric	If your husband or partner opposed for you to use family planning, what were their reasons_Heavy periods
V285	fp5_3	fp5_3	discrete	numeric	If your husband or partner opposed for you to use family planning, what were their reasons_Spotting (irregular bleeding)
V286	fp5_4	fp5_4	discrete	numeric	If your husband or partner opposed for you to use family planning, what were their reasons_Fear of infertility
V287	fp5_5	fp5_5	discrete	numeric	If your husband or partner opposed for you to use family planning, what were their reasons_Fear of weight gain
V288	fp5_6	fp5_6	discrete	numeric	If your husband or partner opposed for you to use family planning, what were their reasons_Fear of weight loss
V289	fp5_7	fp5_7	discrete	numeric	If your husband or partner opposed for you to use family planning, what were their reasons_Mood swings
V290	fp5_8	fp5_8	discrete	numeric	If your husband or partner opposed for you to use family planning, what were their reasons_He wants more children
V291	fp5_9	fp5_9	discrete	numeric	If your husband or partner opposed for you to use family planning, what were their reasons_Against religious beliefs

V292	fp5_10	fp5_10	discrete	numeric	If your husband or partner opposed for you to use family planning, what were their reasons_He thinks I am or would be unfaithful
V293	fp5_99	fp5_99	discrete	numeric	If your husband or partner opposed for you to use family planning, what were their reasons_Other (specify)
V294	fp5_sp	FP5. Please specify the other reasons your husband or partner opposed to you usi	discrete	numeric	Please specify the other reasons your husband or partner opposed to you using family planning.
V295	fp6	FP6. If your family members opposed to your using family planning, what were the	discrete	character	If your family members opposed to your using family planning, what were their reasons?
V296	fp6_1	fp6_1	discrete	numeric	If your family members opposed to your using family planning, what were their reasons_They want me to abstain from sex
V297	fp6_2	fp6_2	discrete	numeric	If your family members opposed to your using family planning, what were their reasons_They want me to have more children
V298	fp6_3	fp6_3	discrete	numeric	If your family members opposed to your using family planning, what were their reasons_Fear that contraception will cause infertility
V299	fp6_4	fp6_4	discrete	numeric	If your family members opposed to your using family planning, what were their reasons_Fear of contraception's side effects
V300	fp6_5	fp6_5	discrete	numeric	If your family members opposed to your using family planning, what were their reasons_Fear that contraception may interfere with bodily processes
V301	fp6_6	fp6_6	discrete	numeric	If your family members opposed to your using family planning, what were their reasons_Against their religious beliefs
V302	fp6_99	fp6_99	discrete	numeric	If your family members opposed to your using family planning, what were their reasons_Other (specify)
V303	fp6_sp	FP6. Please specify the other reasons your family members opposed to you using f	discrete	character	Please specify the other reasons your family members opposed to you using family planning.
V304	fp7	FP7. Are you CURRENTLY using any family planning?	discrete	numeric	Are you CURRENTLY using any family planning?
V305	fp8	FP8. Do you intend to use family planning in the next 12 months?	discrete	numeric	Do you intend to use family planning in the next 12 months?
V306	fp9	FP9. Why do you not want to use family planning?	discrete	character	Why do you not want to use family planning?
V307	fp9_1	fp9_1	discrete	numeric	Why do you not want to use family planning_Loss of menstrual cycle
V308	fp9_2	fp9_2	discrete	numeric	Why do you not want to use family planning_Heavy periods
V309	fp9_3	fp9_3	discrete	numeric	Why do you not want to use family planning_Spotting (irregular bleeding)
V310	fp9_4	fp9_4	discrete	numeric	Why do you not want to use family planning_Fear of infertility
V311	fp9_5	fp9_5	discrete	numeric	Why do you not want to use family planning_Fear of weight gain
V312	fp9_6	fp9_6	discrete	numeric	Why do you not want to use family planning_Fear of weight loss
V313	fp9_7	fp9_7	discrete	numeric	Why do you not want to use family planning_Fear of mood swings
V314	fp9_8	fp9_8	discrete	numeric	Why do you not want to use family planning_Fear of headaches

V315	fp9_9	fp9_9	discrete	numeric	Why do you not want to use family planning_Fear of nausea
V316	fp9_10	fp9_10	discrete	numeric	Why do you not want to use family planning_Fear of fatigue
V317	fp9_11	fp9_11	discrete	numeric	Why do you not want to use family planning_Worried it won't work
V318	fp9_12	fp9_12	discrete	numeric	Why do you not want to use family planning_Inconvenient to use
V319	fp9_13	fp9_13	discrete	numeric	Why do you not want to use family planning_Inconvenient to obtain
V320	fp9_14	fp9_14	discrete	numeric	Why do you not want to use family planning_Worried family will find out
V321	fp9_15	fp9_15	discrete	numeric	Why do you not want to use family planning_My religion does not allow it
V322	fp9_16	fp9_16	discrete	numeric	Why do you not want to use family planning_Family planning is immoral
V323	fp9_99	fp9_99	discrete	numeric	Why do you not want to use family planning_Other (specify)
V324	fp10	FP10. Which family planning methods do you know are available to you, if you wan	discrete	character	Which family planning methods do you know are available to you, if you wanted to start using?
V325	fp10_1	fp10_1	discrete	numeric	Which family planning methods do you know are available to you, if you wanted to start using_Condom - male
V326	fp10_2	fp10_2	discrete	numeric	Which family planning methods do you know are available to you, if you wanted to start using_Condom - female
V327	fp10_3	fp10_3	discrete	numeric	Which family planning methods do you know are available to you, if you wanted to start using_Oral contraceptive pills (Microgynon or Microlut)
V328	fp10_4	fp10_4	discrete	numeric	Which family planning methods do you know are available to you, if you wanted to start using_Injectable - Depo-Provera / DMPA-IM
V329	fp10_5	fp10_5	discrete	numeric	Which family planning methods do you know are available to you, if you wanted to start using_Injectable - Sayana Press / DMPA-SC
V330	fp10_6	fp10_6	discrete	numeric	Which family planning methods do you know are available to you, if you wanted to start using_Implant - 2-rod (e.g. Jadelle)
V331	fp10_7	fp10_7	discrete	numeric	Which family planning methods do you know are available to you, if you wanted to start using_Intrauterine contraceptive device (IUD)
V332	fp10_8	fp10_8	discrete	numeric	Which family planning methods do you know are available to you, if you wanted to start using_Cycle beads for standard days method
V333	fp10_9	fp10_9	discrete	numeric	Which family planning methods do you know are available to you, if you wanted to start using_Vasectomy
V334	fp10_10	fp10_10	discrete	numeric	Which family planning methods do you know are available to you, if you wanted to start using_Bilateral Tubal Ligation (BTL)
V335	fp10_11	fp10_11	discrete	numeric	Which family planning methods do you know are available to you, if you wanted to start using_Withdrawal
V336	fp10_12	fp10_12	discrete	numeric	Which family planning methods do you know are available to you, if you wanted to start using_Other Traditional method
V337	fp10_99	fp10_99	discrete	numeric	Which family planning methods do you know are available to you, if you wanted to start using_Other (specify)

V338	pc1	PC1. How did you feel about the amount of time you waited on the first day you c	discrete	numeric	How did you feel about the amount of time you waited on the first day you came to the health facility?
V339	pc2	PC2. During your time admitted in the facility, did the doctors, nurses, or othe	discrete	numeric	During your time admitted in the facility, did the doctors, nurses, or other staff introduce themselves to you when they first came to see you?
V340	pc3	PC3. Did the doctors, nurses, or other staff refer to you with a name that you l	discrete	numeric	Did the doctors, nurses, or other staff refer to you with a name that you like?
V341	pc4	PC4. Did the doctors, nurses, or other staff at the facility treat you in a way	discrete	numeric	Did the doctors, nurses, or other staff at the facility treat you in a way that you felt was RESPECTFUL?
V342	pc5	PC5. Did the doctors, nurses, or other staff at the facility treat you in a way	discrete	numeric	Did the doctors, nurses, or other staff at the facility treat you in a way that you felt was FRIENDLY?
V343	pc6	PC6. Did you feel the doctors, nurses, or other health providers shouted at you,	discrete	numeric	Did you feel the doctors, nurses, or other health providers shouted at you, scolded, insulted, threatened, or talked to you rudely?
V344	pc7	PC7. During the period you were admitted in this facility, were you treated roug	discrete	numeric	During the period you were admitted in this facility, were you treated roughly, like pushed, beaten, slapped, pinched, physically restrained, or gagged?
V345	pc8	PC8. Were you kept in the facility against your will because you didn't have mon	discrete	numeric	Were you kept in the facility against your will because you didn't have money to pay for the services provided to you?
V346	pc9	PC9. When you were talking to the doctors, nurses, or other staff, did you feel	discrete	numeric	When you were talking to the doctors, nurses, or other staff, did you feel other people not involved in your care could hear what you were discussing?
V347	pc10	PC10. During examinations in the procedure room or in the ward, were you covered	discrete	numeric	During examinations in the procedure room or in the ward, were you covered up with a cloth or blanket or screened with a curtain so that you did not feel exposed?
V348	pc11	PC11. Do you feel that the information you give to the doctors, nurses, or other	discrete	numeric	Do you feel that the information you give to the doctors, nurses, or other staff about your situation was or will be kept confidential at this facility?
V349	pc12	PC12. Did the doctors, nurses, or other staff that were treating you talk to you	discrete	numeric	Did the doctors, nurses, or other staff that were treating you talk to you about what kind of treatment and care they were going to give you so that you agree or not before they do it ?
V350	pc13	PC13. Did the doctors, nurses, or other staff ask your permission/consent before	discrete	numeric	Did the doctors, nurses, or other staff ask your permission/consent before doing procedures and examinations on you?
V351	pc14	PC14. During the procedure, do you feel like the doctors, nurses or other staff	discrete	numeric	During the procedure, do you feel like the doctors, nurses or other staff were concerned about your comfort?
V352	pc15	PC15. Did the doctors, nurses, or other staff speak to you in a language you cou	discrete	numeric	Did the doctors, nurses, or other staff speak to you in a language you could understand?
V353	pc16	PC16. Did the doctors, nurses, or other staff explain to you clearly why they we	discrete	numeric	Did the doctors, nurses, or other staff explain to you clearly why they were doing examinations or procedures on you?
V354	pc17	PC17. Did the doctors, nurses, or other staff explain to you why they were givin	discrete	numeric	Did the doctors, nurses, or other staff explain to you why they were giving you any medicines?
V355	pc18	PC18. Did you feel free to ask the doctors, nurses or other staff any questions	discrete	numeric	Did you feel free to ask the doctors, nurses or other staff any questions you had?

V356	pc19	PC19. Were you allowed to have someone you wanted (outside of staff at the facil	discrete	numeric	Were you allowed to have someone you wanted (outside of staff at the facility, such as family or friends) to stay with you during the consultation/procedure/counseling/treatment?
V357	pc20	PC20. Did you feel the doctors, nurses, or other staff were doing everything the	discrete	numeric	Did you feel the doctors, nurses, or other staff were doing everything they could to help you whenever you were in pain or needed care?
V358	pc21	PC21. Did you feel the doctors, nurses or other staff took the best care of you?	discrete	numeric	Did you feel the doctors, nurses or other staff took the best care of you?
V359	pc22	PC22. Did you feel you could completely trust the doctors, nurses or other staff	discrete	numeric	Did you feel you could completely trust the doctors, nurses or other staff at the facility with regards to your care?
V360	pc23	PC23. During your time at this facility, did any staff at the facility ask you o	discrete	numeric	During your time at this facility, did any staff at the facility ask you or your family for "small thing" so that they could help you with your care?
V361	pc24	PC24. During your time at this facility, did you feel that you pay money for som	discrete	numeric	During your time at this facility, did you feel that you pay money for something that was UNNECESSARY to your care and treatment?
V362	pc25	PC25. During the time you spend in the facility, did you feel treated differentl	discrete	numeric	During the time you spend in the facility, did you feel treated differently because of any personal attribute ... like your age, marital status, number of children, your education, wealth, your connections with the facility, or something like that?
V363	pc26	PC26. Do you think you were at any point treated differently in the facility bec	discrete	numeric	Do you think you were at any point treated differently in the facility because your belly spoiled?
V364	pc27	PC27. Were you denied care and treatment in the facility because of the status o	discrete	numeric	Were you denied care and treatment in the facility because of the status of your belly?
V365	pc28	PC28. Were you ever asked questions or requested to make statements that embarra	discrete	numeric	Were you ever asked questions or requested to make statements that embarrassed you or make you feel uncomfortable?
V366	pc29	PC29. Do you think there were enough health staff in the facility to take care o	discrete	numeric	Do you think there were enough health staff in the facility to take care of you and the others?
V367	pc30	PC30. The ward in which you were treated, did you feel there were plenty people	discrete	numeric	The ward in which you were treated, did you feel there were plenty people jam-up there?
V368	pc31	PC31. The wards, washrooms, and the general environment of the health facility,	discrete	numeric	The wards, washrooms, and the general environment of the health facility, will you say the facility was very clean, dirty, or very dirty?
V369	pc32	PC32. Was there tap/running water in the facility?	discrete	numeric	Was there tap/running water in the facility?
V370	pc33	PC33. Was there electricity in the facility?	discrete	numeric	Was there electricity in the facility?
V371	pc34	PC34. In general, did you feel safe in the facility?	discrete	numeric	In general, did you feel safe in the facility?
V372	pc35	PC35. Did the health workers in the facility talk to you about taking family pla	discrete	numeric	Did the health workers in the facility talk to you about taking family planning after your belly spoil / you spoil the belly?
V373	pc36	PC36. What method of family planning did they recommend to you?	discrete	character	What method of family planning did they recommend to you?
V374	pc36_1	pc36_1	discrete	numeric	What method of family planning did they recommend to you_Condom - male

V375	pc36_2	pc36_2	discrete	numeric	What method of family planning did they recommend to you_Condom - female
V376	pc36_3	pc36_3	discrete	numeric	What method of family planning did they recommend to you_Oral contraceptive pills (Microgynon or Microlut)
V377	pc36_4	pc36_4	discrete	numeric	What method of family planning did they recommend to you_Injectable - Depo-Provera / DMPA-IM
V378	pc36_5	pc36_5	discrete	numeric	What method of family planning did they recommend to you_Injectable - Sayana Press / DMPA-SC
V379	pc36_6	pc36_6	discrete	numeric	What method of family planning did they recommend to you_Implant - 2-rod (e.g. Jadelle)
V380	pc36_7	pc36_7	discrete	numeric	What method of family planning did they recommend to you_Intrauterine contraceptive device (IUD)
V381	pc36_8	pc36_8	discrete	numeric	What method of family planning did they recommend to you_Cycle beads for standard days method
V382	pc36_9	pc36_9	discrete	numeric	What method of family planning did they recommend to you_Vasectomy
V383	pc36_10	pc36_10	discrete	numeric	What method of family planning did they recommend to you_Bilateral Tubal Ligation (BTL)
V384	pc37	PC37. Do you think it is a good idea to talk to women who belly spoil about fami	discrete	numeric	Do you think it is a good idea to talk to women who belly spoil about family planning?
V385	abortion_legal_knowledge_13	abortion_legal_knowledge_13	discrete	numeric	To your knowledge, under which circumstances is abortion LEGAL in Liberia?
V386	abortion_legal_opinion_13	abortion_legal_opinion_13	discrete	numeric	Under which situations/conditions should abortion be allowed in Liberia??
V387	abortion1	A3. Do you know anyone who spoil their belly by themselves?	discrete	numeric	Do you know anyone who spoil their belly by themselves? (i.e. induced abortion)
V388	abortion2	A4. Who is the person that you know spoil their belly? We do not need to know he	discrete	character	Who is the person that you know spoil their belly? We do not need to know her name, just their relationship to you.
V389	abortion2_1	abortion2_1	discrete	numeric	Who is the person that you know spoil their belly? We do not need to know her name, just their relationship to you_My friend
V390	abortion2_2	abortion2_2	discrete	numeric	Who is the person that you know spoil their belly? We do not need to know her name, just their relationship to you_My neighbour
V391	abortion2_3	abortion2_3	discrete	numeric	Who is the person that you know spoil their belly? We do not need to know her name, just their relationship to you_My Sister or Sister-in-law
V392	abortion2_4	abortion2_4	discrete	numeric	Who is the person that you know spoil their belly? We do not need to know her name, just their relationship to you_My Mother or Mother-in-law
V393	abortion2_99	abortion2_99	discrete	numeric	Who is the person that you know spoil their belly? We do not need to know her name, just their relationship to you_Other (specify)
V394	abortion2_sp	Please specify.	discrete	character	Please specify.
V395	abortion3	A5. Did you or someone else do anything to interfere with the continuation of thi	discrete	numeric	Did you or someone else do anything to interfere with the continuation of this pregnancy (the pregnancy that brought you to the facility)

V396	abortion4	A6. What was the reason(s) that made you to make the decision not to continue wi	discrete	character	What was the reason(s) that made you to make the decision not to continue with the pregnancy?
V397	abortion4_1	abortion4_1	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_Husband/partner did not want anymore children
V398	abortion4_2	abortion4_2	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_Have too many children
V399	abortion4_3	abortion4_3	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_Cannot afford anymore children
V400	abortion4_4	abortion4_4	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_Too soon after last pregnancy
V401	abortion4_5	abortion4_5	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_Would have to drop out of school
V402	abortion4_6	abortion4_6	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_Would have to leave job
V403	abortion4_7	abortion4_7	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_Too young
V404	abortion4_8	abortion4_8	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_Too old
V405	abortion4_9	abortion4_9	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_Not married
V406	abortion4_10	abortion4_10	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_The pregnancy was not with husband/partner
V407	abortion4_11	abortion4_11	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_The pregnancy was the result of rape/incest
V408	abortion4_12	abortion4_12	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_It endangered their health
V409	abortion4_13	abortion4_13	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_The fetus (baby) would have been handicapped/foetal anomaly
V410	abortion4_14	abortion4_14	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_Had HIV positive
V411	abortion4_99	abortion4_99	discrete	numeric	What was the reason(s) that made you to make the decision not to continue with the pregnancy_Other (specify)
V412	abortion4_sp	Please specify.	discrete	character	Please specify.
V413	abortion5_unit	A7 (a). How much time passed between the moment you realized you were pregnant t	discrete	character	How much time passed between the moment you realized you were pregnant to when you decided to spoil your belly? Select the time unit used by the patient
V414	abortion5_time	A7 (b). How many \${abortion5_unit} passed between the moment you realized you a	discrete	numeric	How many [abortion5_unit] passed between the moment you realized you are pregnant to when yo udecided to spoil your belly?

V415	abortion10	A8. Who made the final decision to spoil that pregnancy?	discrete	character	Who made the final decision to spoil that pregnancy?
V416	abortion10_1	abortion10_1	discrete	numeric	Who made the final decision to spoil that pregnancy_The person self
V417	abortion10_2	abortion10_2	discrete	numeric	Who made the final decision to spoil that pregnancy_Husband/partner
V418	abortion10_3	abortion10_3	discrete	numeric	Who made the final decision to spoil that pregnancy_The couple together
V419	abortion10_4	abortion10_4	discrete	numeric	Who made the final decision to spoil that pregnancy_Woman's parents
V420	abortion10_5	abortion10_5	discrete	numeric	Who made the final decision to spoil that pregnancy_Husband/partner's parents
V421	abortion10_6	abortion10_6	discrete	numeric	Who made the final decision to spoil that pregnancy_Other family member
V422	abortion10_99	abortion10_99	discrete	numeric	Who made the final decision to spoil that pregnancy_Other (specify)
V423	abortion10_sp	Please specify.	discrete	character	Please specify.
V424	abortion11	A9. Did you try more than once to spoil the belly?	discrete	numeric	Did you try more than once to spoil the belly?
V425	a9a	A9A. How many weeks pregnant were you when you spoiled the belly? ____	discrete	numeric	How many weeks pregnant were you when you spoiled the belly?
V426	a9b	A9B.What did you do to spoil the belly?	discrete	numeric	What did you do to spoil the belly?
V427	a9c	A9C.. Who provided the method that you used to spoil the belly? We do not need t	discrete	numeric	Who provided the method that you used to spoil the belly? We do not need to know the name of the person, just their position/relationship.
V428	abortion12	A10. How many weeks pregnant were you when you first tried to spoil the belly?	contin	numeric	How many weeks pregnant were you when you first tried to spoil the belly?
V429	abortion13	A11. What did you first do to spoil the belly?	discrete	numeric	What did you first do to spoil the belly?
V430	abortion13_sp	Please specify.	discrete	character	Please specify
V431	abortion14_unit	A12. How much time passed between the first attempt to spoil your belly and to t	discrete	character	How much time passed between the first attempt to spoil your belly and to the time you were able to finally spoil the belly? Select the unit used by the patient
V432	abortion14_time	A12. How many \${abortion14_unit} passed between the first attempt to spoil your	contin	numeric	How many [abortion14_unit] passed between the first attempt to spoil your belly and to the time you were able to finally spoil the belly? Select the unit used by the patient
V433	abortion15	A13. What was the last thing you did to spoil the belly?	discrete	numeric	What was the last thing you did to spoil the belly?
V434	abortion15_sp	Please specify.	discrete	character	Please specify.
V435	abortion15a	A14. If you used misoprostol, where did you get it from?	contin	numeric	If you used misoprostol, where did you get it from?
V436	abortion15a_1	abortion15a_1	discrete	numeric	If you used misoprostol, where did you get it from_Nurses' or clinical officers' private office
V437	abortion15a_2	abortion15a_2	discrete	numeric	If you used misoprostol, where did you get it from_Health facility (public)
V438	abortion15a_3	abortion15a_3	discrete	numeric	If you used misoprostol, where did you get it from_Health facility (private)
V439	abortion15a_4	abortion15a_4	discrete	numeric	If you used misoprostol, where did you get it from_NGO
V440	abortion15a_5	abortion15a_5	discrete	numeric	If you used misoprostol, where did you get it from_Traditional healer

V441	abortion15a_6	abortion15a_6	discrete	numeric	If you used misoprostol, where did you get it from_Pharmacy
V442	abortion15a_7	abortion15a_7	discrete	numeric	If you used misoprostol, where did you get it from_Ordered online
V443	abortion15a_8	abortion15a_8	discrete	numeric	If you used misoprostol, where did you get it from_Markets or street vendor
V444	abortion15a_99	abortion15a_99	discrete	numeric	If you used misoprostol, where did you get it from_Other (specify)
V445	abortion15a_0	abortion15a_0	discrete	numeric	If you used misoprostol, where did you get it from_I don't know
V446	abortion15a_sp	Please specify.	discrete	character	Please specify.
V447	abortion16	A15. Who provided the method that was finally able to spoil the belly? We do not	discrete	numeric	Who provided the method that was finally able to spoil the belly? We do not need to know the name of the person, just their position/relationship.
V448	abortion16_sp	Please specify.	discrete	character	Please specify.
V449	abortion17	A16. Who paid the cost to spoil the belly?	discrete	character	Who paid the cost to spoil the belly?
V450	abortion17_1	abortion17_1	discrete	numeric	Who paid the cost to spoil the belly_Women herself
V451	abortion17_2	abortion17_2	discrete	numeric	Who paid the cost to spoil the belly_Husband/boyfriend
V452	abortion17_3	abortion17_3	discrete	numeric	Who paid the cost to spoil the belly_Parent
V453	abortion17_4	abortion17_4	discrete	numeric	Who paid the cost to spoil the belly_Other family member
V454	abortion17_5	abortion17_5	discrete	numeric	Who paid the cost to spoil the belly_Friend
V455	abortion17_99	abortion17_99	discrete	numeric	Who paid the cost to spoil the belly_Other (specify)
V456	abortion17a	A17. What was the amount paid?	contin	numeric	What was the amount paid?
V457	abortion17acurrency	Currency	discrete	numeric	Currency
V458	comments1	INTERVIEWER'S COMMENT	discrete	character	INTERVIEWER'S COMMENT
V459	consentprovider	G5. Did the woman give consent to interview HER PROVIDER?	discrete	numeric	Did the woman give consent to interview HER PROVIDER?
V460	date_admission	G5. Date of admission (or date presented, if OPD patient)	discrete	character	Date of admission (or date presented, if OPD patient)
V461	discharged	G6. Has Patient been discharged	discrete	numeric	Has Patient been discharged
V462	date_discharge	G6. Date of discharge	discrete	character	Date of discharge
V463	nearmiss_yn	G7. Was the patient a Near Miss case?	discrete	numeric	Was the patient a Near Miss case?
V464	admission	P1. What type of admission was done for this patient?	discrete	numeric	What type of admission was done for this patient?
V465	admission_nights	P2. If inpatient, how many nights did the patient stay?	discrete	numeric	If inpatient, how many nights did the patient stay?
V466	presentation	P3. What type of complaint did the patient come with to the facility? SELECT ALL	discrete	character	What type of complaint did the patient come with to the facility?
V467	presentation_1	presentation_1	discrete	numeric	What type of complaint did the patient come with to the facility_Bleeding or blood loss
V468	presentation_2	presentation_2	discrete	numeric	What type of complaint did the patient come with to the facility_Fever
V469	presentation_3	presentation_3	discrete	numeric	What type of complaint did the patient come with to the facility_Abdominal pain

V470	presentation_99	presentation_99	discrete	numeric	What type of complaint did the patient come with to the facility_Other (specify)
V471	presentation_sp	P3. What other complaint did the patient come with?	discrete	character	What other complaint did the patient come with?
V472	fever_days	P4. Number of days fever before admission, if known.	contin	numeric	Number of days fever before admission, if known.
V473	gestation	P5. What was the patient's gestational age (in weeks) when she presented?	contin	numeric	What was the patient's gestational age (in weeks) when she presented?
V474	temp	P6. Body temperature	contin	numeric	Body temperature
V475	pulse	P7. Pulse rate	contin	numeric	Pulse rate
V476	bp_s	P8. Systolic blood pressure	contin	numeric	Systolic blood pressure
V477	bp_d	P9. Diastolic blood pressure	contin	numeric	Diastolic blood pressure
V478	foreignbody	P10. Was there any evidence of foreign body in vagina, cervix, or uterus?	discrete	numeric	Was there any evidence of foreign body in vagina, cervix, or uterus?
V479	injuries_label	P11. On examination, which of the following mechanical injuries did you detect?	discrete	character	On examination, which of the following mechanical injuries did you detect?
V480	injuries_label_1	injuries_label_1	discrete	numeric	On examination, which of the following mechanical injuries did you detect_Cervical laceration
V481	injuries_label_2	injuries_label_2	discrete	numeric	On examination, which of the following mechanical injuries did you detect_Cervical tears
V482	injuries_label_3	injuries_label_3	discrete	numeric	On examination, which of the following mechanical injuries did you detect_Tenaculum bites of the cervix
V483	injuries_label_4	injuries_label_4	discrete	numeric	On examination, which of the following mechanical injuries did you detect_Mechanical injury of uterus
V484	injuries_label_5	injuries_label_5	discrete	numeric	On examination, which of the following mechanical injuries did you detect_Intra-abdominal injury
V485	injuries_label_6	injuries_label_6	discrete	numeric	On examination, which of the following mechanical injuries did you detect_Puncture marks on cervix or vagina
V486	injuries_label_0	injuries_label_0	discrete	numeric	On examination, which of the following mechanical injuries did you detect_No sign of mechanical injury
V487	smell	P12. On vaginal examination, did you notice offensive or foul smelling products	discrete	numeric	On vaginal examination, did you notice offensive or foul smelling products of conception?
V488	infection	P13. Did you find any sign of infection on examination?	discrete	numeric	Did you find any sign of infection on examination?
V489	complications	P14. What complications did you find on examination and investigation?	discrete	character	What complications did you find on examination and investigation?
V490	complications_1	complications_1	discrete	numeric	What complications did you find on examination and investigation_Abdominal/uterine tenderness
V491	complications_2	complications_2	discrete	numeric	What complications did you find on examination and investigation_Pelvic abscess
V492	complications_3	complications_3	discrete	numeric	What complications did you find on examination and investigation_Pelvic peritonitis
V493	complications_4	complications_4	discrete	numeric	What complications did you find on examination and investigation_Generalized peritonitis

V494	complications_5	complications_5	discrete	numeric	What complications did you find on examination and investigation_Uterine perforation
V495	complications_6	complications_6	discrete	numeric	What complications did you find on examination and investigation_Sepsis/septicemia
V496	complications_7	complications_7	discrete	numeric	What complications did you find on examination and investigation_Hemorrhagic shock
V497	complications_8	complications_8	discrete	numeric	What complications did you find on examination and investigation_Hemorrhage
V498	complications_9	complications_9	discrete	numeric	What complications did you find on examination and investigation_Septic shock
V499	complications_10	complications_10	discrete	numeric	What complications did you find on examination and investigation_Purulent discharge
V500	complications_11	complications_11	discrete	numeric	What complications did you find on examination and investigation_Anemia
V501	complications_12	complications_12	discrete	numeric	What complications did you find on examination and investigation_Fever
V502	complications_0	complications_0	discrete	numeric	What complications did you find on examination and investigation_None
V503	complications_99	complications_99	discrete	numeric	What complications did you find on examination and investigation_Other (specify)
V504	complications_sp	P14. What other complications did you find?	discrete	character	What other complications did you find?
V505	failure	P15. What signs of organ/system failure did you find on examination and investig	discrete	character	What signs of organ/system failure did you find on examination and investigation?
V506	failure_1	failure_1	discrete	numeric	What signs of organ/system failure did you find on examination and investigation_Respiratory distress syndrome
V507	failure_2	failure_2	discrete	numeric	What signs of organ/system failure did you find on examination and investigation_Renal failure
V508	failure_3	failure_3	discrete	numeric	What signs of organ/system failure did you find on examination and investigation_Liver failure
V509	failure_4	failure_4	discrete	numeric	What signs of organ/system failure did you find on examination and investigation_Cardiac failure
V510	failure_5	failure_5	discrete	numeric	What signs of organ/system failure did you find on examination and investigation_Coma
V511	failure_6	failure_6	discrete	numeric	What signs of organ/system failure did you find on examination and investigation_Coagulation defect (DIC)
V512	failure_0	failure_0	discrete	numeric	What signs of organ/system failure did you find on examination and investigation_None
V513	failure_99	failure_99	discrete	numeric	What signs of organ/system failure did you find on examination and investigation_Other (specify)
V514	failure_sp	P.15 What other organ/system failure did you find?	discrete	character	What other organ/system failure did you find?
V515	abortion_type	P16. Based on your overall assessment of the client and your clinical examinatio	discrete	numeric	Based on your overall assessment of the client and your clinical examination findings, how would you classify the patient's abortion?
V516	dx	P17. What is the patient's final diagnosis?	discrete	numeric	What is the patient's final diagnosis?

V517	dx_sp	P17. What is the patient's final diagnosis?	discrete	character	What is the patient's final diagnosis?
V518	septic	P18. Was the abortion septic?	discrete	numeric	Was the abortion septic?
V519	procedure	P19. What was the MAIN EVACUATION PROCEDURE that was used in the management of t	discrete	numeric	What was the MAIN EVACUATION PROCEDURE that was used in the management of the patient's condition?
V520	procedure_sp	P19. What was the main evacuation procedure used?	discrete	character	What was the main evacuation procedure used?
V521	ward	P20. Where was the evacuation procedure performed?	discrete	numeric	Where was the evacuation procedure performed?
V522	cadre	P21. The evacuation procedure was performed primarily by which provider?	discrete	numeric	The evacuation procedure was performed primarily by which provider?
V523	medication_yn	P22. Was the client provided any pain medication during the evacuation procedure	discrete	numeric	Was the client provided any pain medication during the evacuation procedure?
V524	medication_sp	P23. What did the client receive? SELECT ALL THAT APPLY.	discrete	character	What did the client receive? SELECT ALL THAT APPLY.
V525	medication_sp_1	medication_sp_1	discrete	numeric	What did the client receive_Para-cervical block
V526	medication_sp_2	medication_sp_2	discrete	numeric	What did the client receive_Sedation
V527	medication_sp_3	medication_sp_3	discrete	numeric	What did the client receive_Analgesics
V528	medication_sp_99	medication_sp_99	discrete	numeric	What did the client receive_Other (specify)
V529	medication_other	P23. What other medication did the client receive?	discrete	character	What other medication did the client receive?
V530	antibiotics_yn	P24. Was the client administered antibiotics during her current visit at this fa	discrete	numeric	Was the client administered antibiotics during her current visit at this facility?
V531	antibiotics_sp	P25. If yes, what type of antibiotic was administered?	discrete	numeric	If yes, what type of antibiotic was administered?
V532	antibioticssupply	P26. Who supplied the antibiotic that was administered?	discrete	numeric	Who supplied the antibiotic that was administered?
V533	drugs_label	P27. During the patient's visit, was she given the following drug or product?	discrete	numeric	During the patient's visit, was she given the following drug or product?
V534	iv	Intravenous fluids	discrete	numeric	Intravenous fluids
V535	blood	Blood or blood products	discrete	numeric	Blood or blood products
V536	oxytocin	Oxytocin or ergometrine	discrete	numeric	Oxytocin or ergometrine
V537	miso	Misoprostol	discrete	numeric	Misoprostol
V538	surgery	P28. What surgical procedure(s) were performed on the client? SELECT ALL THAT AP	discrete	character	What surgical procedure(s) were performed on the client? SELECT ALL THAT APPLY.
V539	surgery_1	surgery_1	discrete	numeric	What surgical procedure(s) were performed on the client_Salpingectomy
V540	surgery_2	surgery_2	discrete	numeric	What surgical procedure(s) were performed on the client_Abscess drainage
V541	surgery_3	surgery_3	discrete	numeric	What surgical procedure(s) were performed on the client_Repair of cervical tear
V542	surgery_4	surgery_4	discrete	numeric	What surgical procedure(s) were performed on the client_Repair of vaginal tears

V543	surgery_5	surgery_5	discrete	numeric	What surgical procedure(s) were performed on the client_Repair of vulva/perineal tears
V544	surgery_6	surgery_6	discrete	numeric	What surgical procedure(s) were performed on the client_Repair of perforated uterus
V545	surgery_7	surgery_7	discrete	numeric	What surgical procedure(s) were performed on the client_Repair of gut perforation
V546	surgery_8	surgery_8	discrete	numeric	What surgical procedure(s) were performed on the client_Laparotomy
V547	surgery_99	surgery_99	discrete	numeric	What surgical procedure(s) were performed on the client_Other (specify)
V548	surgery_0	surgery_0	discrete	numeric	What surgical procedure(s) were performed on the client_None
V549	surger_sp	P28. What other surgical procedure(s) were performed?	discrete	character	What other surgical procedure(s) were performed?
V550	fp_counseled	P29. Was the patient counseled on family planning upon discharge?	discrete	numeric	Was the patient counseled on family planning upon discharge?
V551	fp_provided	P30. Was the patient given a modern method of family planning?	discrete	numeric	Was the patient given a modern method of family planning?
V552	fp_method	P31. If patient was given family planning, which method	discrete	numeric	If patient was given family planning, which method
V553	fp_method_sp	P31. What was the modern family planning method provided to the patient?	discrete	character	What was the modern family planning method provided to the patient?
V554	fp_refer	P32. If patient was NOT given family planning at this facility, was the patient	discrete	numeric	If patient was NOT given family planning at this facility, was the patient referred somewhere else for family planning?
V555	outcome	P33. What was the outcome from managing this patient?	discrete	numeric	What was the outcome from managing this patient?
V556	outcome_sp	P33. What was the outcome from managing this patient?	discrete	character	What was the outcome from managing this patient?
V558	respondentiddup		discrete	numeric	N/A
V559	merge		discrete	numeric	N/A
V560	strata		discrete	numeric	N/A
V561	fpc		contin	numeric	N/A
V562	wgt_noncasepms		contin	numeric	N/A

Documentation

Questionnaires

libera_abortion_2021_PMS and PEI Questionnaire.pdf

Title libera_abortion_2021_PMS and PEI Questionnaire.pdf

Author(s) African Population and Health Research Center

Date 0711/2025

Country LIBERIA

Language ENGLISH

Contributor(s) Kenneth Juma, Boniface Ushie

Publisher(s) African Population and Health Research Center (APHRC)

Unsafe abortion was one of the major causes of complications, leading to Liberia's high maternal mortality ratio (1,072 deaths per 100,000 live births). The Ministry of Health highly prioritized reducing the high rates of maternal and neonatal deaths in the country. Among national efforts to improve access to and quality of reproductive, maternal, neonatal, child, and adolescent health (RMNCAH) services was the prevention of unsafe abortion and morbidity and mortality from unsafe abortions because nearly 6 out of 10 girls were mothers before age 19. In addition, adolescent pregnancy contributed to high maternal mortality and high neonatal mortality. Nevertheless, there was little information available on abortion incidence, burden and costs of managing complications from unsafe abortions, and the quality of post-abortion care. Data were critical for government and civil society stakeholders to design effective policies and guidance to reduce maternal morbidity and mortality from unsafe abortions and to advocate for increased access to comprehensive abortion care (inclusive of safe abortion for legal indications and post-abortion care) in Liberia.

Abstract Objectives: The overall aim of the study was to determine the incidence of induced abortions, severity and magnitude of abortion-related complications, quality of PAC, and cost burden of unsafe abortion on the health systems in Liberia.

Methodology: A mixed-method cross-sectional design was applied to determine the incidence of abortion in Liberia. This research design was employed using the Abortion Incidence Complication Method (AICM). This widely applied indirect method had produced robust estimates of abortion incidence in a range of contexts. The study comprised five (5) different surveys, namely: 1) Health Facility Survey (HFS), 2) Prospective Morbidity Survey, 3) Knowledgeable Informant Survey, 4) Quality of PAC survey, and 5) Post Abortion Care (PAC) Costing Survey. The Health Facility Survey was implemented at sampled public facilities using a nationally representative, stratified, random sampling approach to determine the incidence of induced abortion and abortion complications in Liberia. The Health Facility Survey also included a quality survey to assess the quality of post-abortion care. The Prospective Morbidity Survey was about women seeking PAC in health facilities and providers, including a patient chart review to assess the severity of complications. It also collected data on decision-making, care-seeking pathways, and awareness of the country's abortion law. For the Knowledgeable Informant Survey, a sample of health sector stakeholders who were knowledgeable about abortion/PAC in Liberia were interviewed. Data from this component generated the multiplier to inform the incidence of abortion. The PAC costing study targeted health facility administrators to estimate the costs of PAC at facilities and the national level.

Filename libera_abortion_2021_PMS and PEI Questionnaire.pdf

Reports

Abortion-Incidence-Liberia-_Final.pdf

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Author(s) African Population and Health Research Center

Date 0711/2025

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Filename Abortion-Incidence-Liberia_Final.pdf

Other materials

Protocol - Abortion in Liberia_Final 21.docx

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