Codebook

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| --- | --- | --- | --- |
| **Variable name** | **Variable description** | **Questions used to measure each variable** | **Responses** |
| folio | Individual identifier | N/A | N/A |
| edad | Participants age | How old are you? | Age in years |
| a4\_ff | Date of the interview | Automatic register | Date |
| a5 | Time of the interview | Automatic register | Hours and minutes |
| delegacion | Mexican state and corresponding IMSS delegation | State of residence, registered by the interviewers | 1.Coahuila  2.CDMX sur  3.Aguascalientes  4.Jalisco  5.Nuevo León  6.Estado de México  7.Veracruz norte  8. Yucatán |
| region | Region | Region, registered by the researcher | 1.North  2.Central  3.West  4.Southeast |
| umf\_code | Family medicine clinic number | Consecutive number assigned by the researcher to anonymize real number of the family medicine clinic where the women were recruited and attended her first antenatal care visit | Number of the family medicine clinic |
| umf\_size | Size of the family medicine clinic | Size of the clinic based on the official IMSS register of the size of the IMSS clinics | 1. small  2. medium  3. large |
| p201 | Overall self-rated health | I would like to start by talking about your current health and how you have been feeling.  In general, how would you rate your overall health? | 1 Excellent  2 Very Good  3 Good  4 Fair  5 Poor  99 NR/RF |
|  |  | **BEFORE you got pregnant, did a health worker tell you that you had any of the following health conditions?** |  |
| p202a | Diabetes | Diabetes | 1 Yes  0 No  99 NR/RF |
| p202b | Hypertension | High blood pressure or hypertension | 1 Yes  0 No  99 NR/RF |
| p202c | Cardiac disease | A cardiac disease or problem with your heart | 1 Yes  0 No  99 NR/RF |
| p202d | Mental health disorder | A mental health disorder such as depression, anxiety, bipolar disorder, or schizophrenia | 1 Yes  0 No  99 NR/RF |
| p202e | HIV | HIV | 1 Yes  0 No  99 NR/RF |
| p202f | Seizures or epilepsy | Seizures or epilepsy | 1 Yes  0 No  99 NR/RF |
| p202g | Thyroid disease | Thyroid disease, such as hypothyroidism or hyperthyroidism | 1 Yes  0 No  99 NR/RF |
| p202h | Other chronic health problems | Before you got pregnant, were you diagnosed with any other chronic health problems? | 1 Yes  0 No  99 NR/RF |
| p202h\_1 | Other chronic health problems-specification | Specify what other health problems | Text response (string variable) |
| p203 | Currently medications | Are you currently taking any medications? | 1 Yes  0 No  99 NR/RF |
| p203a | Medication 1 | Specify what medication 1 you are taking | Text response (string variable) |
| p203b | Medication 2 | Specify what medication 2 you are taking | Text response (string variable) |
| p203c | Medication 3 | Specify what medication 3 you are taking | Text response (string variable) |
| p203d | Medication 4 | Specify what medication 4 you are taking | Text response (string variable) |
| drugs | Drugs | Variable generated by researcher based on the text responses to p203a-p203d | 1 Yes  0 No |
| suplement | Supplements | Variable generated by researcher based on the text responses to p203a-p203d | 1 Yes  0 No |
| hierro | Hierro | Variable generated by researcher based on the text responses to p203a-p203d | 1 Yes  0 No |
| p204a | EuroQol-5D: Ability to walk | I am going to read three statements about your mobility, by which I mean your ability to walk around. Please indicate which statement best describe your own health state today. | 1 I have no problems in walking about  2 I have some problems in walking about  3 I am confined to bed  99 NR/RF |
| p204b | EuroQol-5D: Ability to self-care | I am now going to read three statements regarding your ability to self-care, by which I mean whether you can wash and dress yourself without assistance. Please indicate which statement best describe your own health state today. | 1 I have no problems with washing or dressing myself  2 I have some problems washing or dressing myself  3 I am unable to wash or dress myself  99 NR/RF |
| p204c | EuroQol-5D: Ability to perform usual daily activities | I am going to read three statements regarding your ability to perform your usual daily activities, by which I mean your ability to work, take care of your family or perform leisure activities. Please indicate which statement best describe your own health state today. | 1 I have no problems with performing my usual activities  2 I have some problems with performing my usual activities  3 I am unable to perform my usual activities  99 NR/RF |
| p204d | EuroQol-5D: Experience with physical pain or discomfort | I am going to read three statements regarding your experience with physical pain or discomfort. Please indicate which statement best describe your own health state today. | 1 I have no pain or discomfort  2 I have moderate pain or discomfort  3 I have extreme pain or discomfort  99 NR/RF |
| p204e | EuroQol-5D: Experience with anxiety or depression | I am going to read three statements regarding your experience with anxiety or depression. Please indicate which statements best describe your own health state today. | 1 I am not anxious or depressed  2 I am moderately anxious or depressed  3 I am extremely anxious or depressed  99 NR/RF |
|  | **PHQ9: p205a-p205i** | Over the past 2 weeks, on how many days have you been bothered by any of the following problems? | 0 None of the days  1 Several days  2 More than 7 days  3 Nearly every day  99 NR/RF |
| p205a |  | Little interest or pleasure in doing things |
| p205b |  | Feeling down, depressed, or hopeless |
| p205c |  | Trouble falling or staying asleep, or sleeping too much |
| p205d |  | Feeling tired or having little energy |
| p205e |  | Poor appetite or overeating |
| p205f |  | Feeling bad about yourself — or that you are a failure or have let yourself or your family down? |
| p205g |  | Trouble concentrating on things, such as your work or home duties? |
| p205h |  | Moving or speaking so slowly that other people could have noticed? Or so fidgety or restless that you have been moving a lot more than usual? |
| p205i |  | Thoughts that you would be better off dead, or thoughts of hurting yourself in some way? |
| p206 | PHQ9 summary score | Sum of the p205a-p205i | Number of PHQ9 summary score |
| p301a | Overall quality of medical care at the Mexican Institute of Social Security (IMSS) | How would you rate the overall quality of medical care in IMSS? | 1 Excellent  2 Very good  3 Good  4 Fair  5 Poor  99 NR/RF |
| p301b | Reasons for the response that the quality of care at IMSS is fair or poor | Why did you rate the overall quality of medical care in IMSS as fair or poor? | Text response (string variable) |
| p302 | Overall view of the IMSS | Which of the following statements comes closest to expressing your overall view of the IMSS? | 1 On the whole, the IMSS works pretty well, and only minor changes are necessary to make it work better  2 There are some good things in the IMSS, but major changes are needed to make it work better  3 The IMSS has so much wrong with it that we need to completely rebuild it |
| p303 | Confidence in receiving good quality healthcare from the IMSS | How confident are you that if you became very sick tomorrow, you would receive good quality healthcare from the IMSS? | 1 Very confident  2 Somewhat confident  3 Not very confident  4 Not at all confident  99 NR/RF |
| p304 | Confidence in the IMSS providing the medical care women need without having to pay for the care or medications | How confident are you that  if you have a serious illness tomorrow, the IMSS will provide you with the medical care you need without having to pay for the care or medications out of your pocket? | 1 Very confident  2 Somewhat confident  3 Not very confident  4 Not at all confident  99 NR/RF |
| p401 | Reason for choosing the facility for the ANC visit today | Let’s now talk about the health facility we’re in today. What is the most important reason for choosing this facility for your antenatal care visit today? | 1. Closeness to home  2. Not having financial resources for care in private settings.  3. It is to request disability for your company.  4. Short waiting time  5. Good skills of doctors in examining and treating patients  6. The staff is respectful  7. Availability of medicines and medical equipment  8. Unit of affiliation in the IMSS/covered by your social security  9. Were referred or told to use this family medicine unit  10. Other, specify |
| p401\_1 | Other reasons | Other reasons | Text response (string variable) |
| p501 | indigenous language | Besides Spanish, do you speak any indigenous language? | 0.No  1. Nahuatl, Chol, Totonac, Mazatec, Mixtec, Zapotec, Otomi, Tzotzil, Tzeltal and Mayan  2. Other, please specify |
| p501\_1 | Other indigenous language | Other indigenous language specification | Text response (string variable) |
| p502 | schooling | Have you ever attended school? | 1 Yes  0 No |
| p503 | Primary school | Have you finished primary school | 1 Yes  0 No |
| p504 | Highest level of education | What is the highest level of education you have completed? | 1 Completed primary school  2 Completed secondary school  3 Complered Higher school  4 University  99 NR/RF [Do not read] |
| p505 | Marital status | What is your current marital status? | 1 Never married/single  2 Divorced/ Separated/Widowed  3 Currently married  4 Living with a partner as if married  99 NR/RF [Do not read] |
| p506 Occupation | Occupation | What is your occupation, that is, what kind of work do you mainly do? | 1 Government employee  2 Private employee /Non-government employee  3 Merchant/Trader  4Farmer/farmworker/pastoralist  5 Homemaker/housewife  6 Student  7 Laborer  8 Unemployed  9 Other, specify |
| p506\_1 | Other occupation | Other occupation specification | Text response (string variable) |
| p507 | Social support | How many people do you have near you that you can readily count on for help in times of difficulty such as to watch over children, bring you to the hospital, shop or market, or help you when you are sick? | Number of persons |
| p508a | Health beliefs/knowledge: VIH2 | Now I would like to talk about something else. Have you ever heard of an illness called HIV/AIDS? | 1 Yes  0 No |
| p508b | Health beliefs/knowledge: VIH2 | Do you think that people can get the HIV virus from mosquito bites? | 1 Yes  0 No |
| p509a | Health beliefs/knowledge:TB1 | Have you ever heard of an illness called tuberculosis or TB? | 1 Yes  0 No |
| p509b | Health beliefs/knowledge:TB2 | Do you think that TB can be treated using herbal or traditional medicine made from plants? | 1 Yes  0 No  99 Not knowing [Do not read] |
| p510 | Health beliefs/knowledge: diarrhea | When children have diarrhea, do you think that they should be given less to drink than usual, more to drink than usual, about the same or it doesn’t matter? | 1 Less than usual  2 More than usual  3 About the same  4 It doesn’t matter  99 Not knowing [Do not read] |
| p511 | Health beliefs/knowledge: wood burning traditional stove good | Is smoke from a wood burning traditional stove good for health, harmful for health or do you think it doesn’t really matter? | 1 Good  2 Harmful  3 Doesn’t matter |
| p601 | Overall quality of the first antenatal care visit | Overall, taking everything into account, how would you rate the quality of care you received today? | 1 Excellent  2 Very good  3 Good  4 Fair  5 Poor  99 Not remember/not knowing [Do not read] |
| p602 | Willing to recommend health facility | How likely are you to recommend this facility or provider to a family member or friend to receive care for their pregnancy? | 1 Very likely  2 Somewhat likely  3 Not too likely  4 Not at all likely  99 NR/RF [Do not read] |
| p603 | Visit duration, minutes | How long in minutes did you spend with the health provider today? | [minutes] |
| p604 | Waiting time, minutes | How long in minutes did you wait between the time you arrived at this facility and the time you were able to see a provider for the consultation? | [minutes] |
|  | p605a- p605h | Thinking about the visit today, how would you rate the following aspects of your care? | 1 Poor  2 Fair  3 Good  4 Very good  5 Excellent  99 Not remember/not know [Do not read] |
| p605a | Knowledge and skills of provider | The knowledge and skills of your provider |
| p605b | Equipment and supplies | The equipment and supplies that the provider had available such as medical equipment or access to lab tests |
| p605c | Respect | The level of respect the provider showed you |
| p605d | Clarity of explanations | The clarity of the provider’s explanations |
| p605e | Involvement in decision about healthcare | The degree to which the provider involved you as much as you wanted to be in decisions about your care |
| p605f | Time spent with women | The amount of time the provider spent with you |
| p605g | Waiting tiime | The amount of time you waited before being seen |
| p605h | Courtesy and helpfulness of facility staff | The courtesy and helpfulness of the healthcare facility staff, other than your provider |
|  | p700-p709 | I want to talk about specific elements of the visit today. During the visit, did a healthcare provider do each of the following, or not, did they: |  |
| p700 | Blood pressure measurement | Measure your blood pressure? | 1 Yes  0 No  99 Not remember/not know [Do not read] |
| p701 | Weight measurement | Measure your weight? |
| p702 | Height measurement | Measure your height? |
| p703 | Fetal heartbeat measurement | Listen to the heart rate of the baby (that is, where the provider places a listening device against your belly to hear the baby’s heart beating) |
| p704a | Referral to a glucose measurement for diabetes screening | Were you referred to Preventive Medicine for diabetes screening, where they took a drop of blood from your finger? |
| p704b | Information about the results of diabetes screening | In Preventive Medicine, were you notified/told the result of the blood sugar measurement? What was this? | 1. Blood sugar was high/elevated  2. Blood sugar was normal  99. Not remember/not know [Do not read] |
| p704c | Follow-up of the high blood sugar | Did your family doctor order new blood tests or refer you to a gynecologist or other specialist after you had high blood sugar? | 1 Yes  0 No |
| p705a | HIV screening | Were you referred to Preventive Medicine and/or a laboratory to perform a rapid HIV test? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p705b | Information about the results of HIV screening | What was the result of the HIV test? Please remember that this information will remain confidential. | 1. Positive  2. Negative  3. Not having the result yet  99. Not remember/not know [Do not read] |
| p705c | Follow-up after testing positive for HIV | Did the doctor refer you to the hospital for a follow-up after testing positive for HIV? | 1 Yes  0 No  99. Not remember [Do not read] |
| p706 | Referral to a general urine test | Did the doctor refer you to have a general urine test within the next 7 days? | 1 Yes  0 No  99. Not remember [Do not read] |
| p707 | Referral to a full blood count testing for anemia screening | Did the doctor refer you to have a full blood count within the next 7 days? | 1 Yes  0 No  99. Not remember [Do not read] |
| p708 | Referral to a syphilis testing | Did the doctor refer you to have a syphilis test called VDRL within the next 7 days? | 1 Yes  0 No  99. Not remember [Do not read] |
| p709 | Ultrasound scan before 24 weeks | Did the doctor refer you to do an ultrasound before 24 weeks (that is, when a probe is moved on your belly to produce a video of the baby on a screen)? | 1 Yes  0 No  99. Not remember [Do not read] |
|  | p710a- p710h | I am now going to read a list of medications and supplements that some women get when they are pregnant, and some do not. For each medication or supplement, please tell me if the provider today gave it to you directly, gave you a prescription or told you to get it somewhere else, or neither? | 1 Provider gave a prescription for this medication  2. The doctor told to get it somewhere else  3. The doctor did not prescribe it  4 Other (Please specify)  99 Not remember/not know [Do not read] |
| p710a | Iron | Iron pills or iron injection |
| p710b | Folic acid | Folic acid pills |
| p710c | Calcium | Calcium pills |
| p710d | Supplements | Food supplements (which are products that provide nutrients such as proteins, fats, carbohydrates, vitamins and minerals, including multivitamins). |
| p710e | Medicine for intestinal worms | Medicine for intestinal worms |
| p710f | Antibiotics | Antibiotics for an infection |
| p710g | Medicine for hypertension | Medicine for hypertension |
| p710h | Medicine for diabetes | Medicine for diabetes, including injections of insulin |
| p710i | Other medicine | Other medicine, please specify | Text response (string variable) |
| p711a | Refer to tetanus vaccination | Did the doctor refer you to Preventive Medicine for a tetanus vaccination evaluation to prevent the baby from having tetanus, that is, seizures after birth (Only applicable up to 20 weeks of gestation)? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p711b | Previous tetanus injections | At any time BEFORE the visit today, did you receive any tetanus injections? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p711c | Number of previous tetanus injections | Before today, how many times did you receive a tetanus injection? | Number |
| p711d | Years since the last tetanus injections | How many years ago did you receive the last tetanus injection? | Number of years |
|  | p712a- p712d | During the visit today, did you and the healthcare provider discuss each of the following, or not? Did you discuss: | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p712a | Nutrition counseling | Nutrition or what is good for you to be eating during your pregnancy? |
| p712b | Physical activity counseling | Exercise or physical activity during your pregnancy? |
| p712c | Counseling about things that cause stress | Things in your life that worry you or cause you stress? |
| p712d | Warning signs counseling | Signs of pregnancy complications that would require you to go to the health facility? |
| p713 | Taking medical history about mood  PS. Only analyze women who reported feeling depressed (PHQ≥ 6 points) | During the visit today, did you and the healthcare provider talk that you were feeling down or depressed, or had little interest in doing things? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p714 | Taking medical history regarding diabetes  PS. Only analyze women with diabetes | During the visit today, did you and the healthcare provider discuss your diabetes, or not? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p715 | Taking medical history regarding hypertension  PS. Only analyze women with hypertension | During the visit today, did you and the healthcare provider discuss your high blood pressure or hypertension, or not? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p716 | Taking medical history regarding cardiac problems  PS. Only analyze women with cardiac problems | During the visit today, did you and the healthcare provider discuss your *cardiac problems or problems with your heart*, or not? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p717 | Taking medical history regarding mental health disorder  PS. Only analyze women with a previous diagnosis of depression | During the visit today, did you and the healthcare provider discuss your *mental health disorder, such as depression*, or not? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p718 | Taking medical history regarding HIV | During the visit today, did you and the healthcare provider discuss your *HIV*, or not? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p719 | Taking medical history regarding pharmacological treatment | During the visit today, did you and the healthcare provider discuss *the medications* you are currently taking, or not? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p720a | Scheduling the next antenatal appointment | During the visit, did the healthcare provider tell you:  That you should come back for another antenatal care visit at this facility? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p720b |  | When did he tell you to come back? In how many weeks? | [number of weeks] |
| p720c | Referral to a consultation with a specialist in obstetrics and gynecology | During the visit, did the healthcare provider tell you:  To go see a specialist like an obstetrician or a gynecologist? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p720d | Referral to a follow-up with a specialist in obstetrics and gynecology at the second care level | During the visit, did the healthcare provider tell you:  To go to the hospital for follow-up antenatal care with a specialist like an obstetrician or a gynecologist | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p802 |  | During the visit today, did the healthcare provider tell you the estimated date of delivery, or not? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p803 | Estimated date of delivery | What is the estimated date of delivery the provider told you? | [Date] |
| SDG | Weeks of gestation | Interviewer calculated the gestational age based on estimated due date or on number of weeks/months pregnant women reported | [weeks of gestation] |
| trimestre | Trimestre | Interviewer calculated the trimester based on estimated gestational age | 1 First trimester  2 Second trimester  3 Third trimester |
| p805a | Information about number of babies | During the visit today, did the healthcare provider tell you how many babies you are pregnant with? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p805b | Number of babies | How many babies are you pregnant with? | 1. One baby  2. Two babies (twins)  3. Three or more babies (triplets or more)  99. Not remember/not know [Do not read] |
| p806 | Obstetric history regarding the first day of the last menstrual period | During the visit today, did the healthcare provider ask when you had your last period, or not? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p807 | Planned pregnancy | When you got pregnant, did you want to get pregnant at that time? Was your pregnancy planned? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
|  | p808a-p808o | There are many reasons why some women may not get antenatal care earlier in their pregnancy. Which, if any, of the following, are reasons you did not receive care earlier in your pregnancy? |  |
| p808a | Reasons for not receiving antenatal care (ANC) earlier | Didn’t realize you were pregnant | 0 Didn’t realize you were pregnant |
| p808b | Reasons for not receiving ANC earlier | Tried to come earlier, but there were no appointments available | 1 Tried to come earlier but there were no appointments available |
| p808c | Reasons for not receiving ANC earlier | Received care at home | 2 Received care at home |
| p808d | Reasons for not receiving ANC earlier | Did not have social security | 3. Did not have social security |
| p808e | Reasons for not receiving ANC earlier | Far distance | 4 Far distance (e.g., too far to walk or drive, transport not readily available) |
| p808f | Reasons for not receiving ANC earlier | Long waiting time | 5 Long waiting time (e.g., long line to access facility, long wait for the provider) |
| p808g | Reasons for not receiving ANC earlier | Poor healthcare provider skills | 6. Poor healthcare provider skills (e.g., spent too little time with patient, did not conduct a thorough exam) |
| p808h | Reasons for not receiving ANC earlier | Disrespectful health personnel | 7. Disrespectful health personnel (e.g., staff is rude, impolite, dismissive) |
| p808i | Reasons for not receiving ANC earlier | Medicines are not available | 8 Medicines are not available (e.g., medicines frequently are out of stock) |
| p808j | Reasons for not receiving ANC earlier | Some services are not available | 9. Some services are not available (equipment such as X-ray machines broken or not working) |
| p808k | Reasons for not receiving ANC earlier | COVID-19 restrictions | 10 COVID-19 restrictions (e.g., lockdowns, travel restrictions, curfews) |
| p808l | Reasons for not receiving ANC earlier | COVID-19 fear | 11 COVID-19 fear |
| p808m | Reasons for not receiving ANC earlier | Don’t know where to go | **12** Don’t know where to go(e.g., too complicated) |
| p808n | Reasons for not receiving ANC earlier | Fear of discovering serious disease | 13 Fear of discovering serious disease |
| p808o | Reasons for not receiving ANC earlier | Other, specify | 14 Other, specify |
| p808o\_1 | Reasons for not receiving ANC earlier | Other reasons | Text response (string variable) |
| p809 | Information on a delivery plan | During the visit today, did you and the provider discuss your birth plan, that is, where you will deliver, how you will get there, and how you need to prepare, or didn’t you? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p810 | Place where woman plan to give birth | Where do you plan to give birth? What type of facility is it? | 1. In an IMSS hospital  2. In a hospital of the health department  3. In a private hospital  4. Other. Please specify  99. Not remember/not know [Do not read] |
| p810\_1 | Another place |  | Text response (string variable) |
| p811 | Possibility of having a cesarean section | During the visit today, did the provider tell you that you might need a C-section? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p812 | Reasons for possible cesarea | What were you told about why you might need a C-section? | 1 I was not told why  2 Because I had a c-section before  3 Because I am pregnant with more than one baby  4 Because of the baby’s position  5 Because of the position of the placenta  6 Because I have health problems  96 Other, specify  99. Not remember/not know [Do not read] |
| p812\_1 | Other reasons for cesarea | Other reasons for cesarea | Text response (string variable) |
| p813a | Common pregnancy discomforts | Some women experience common health problems/discomforts during pregnancy, like nausea, heartburn, leg cramps, or back pain. Did you experience any of these in your pregnancy so far, or not? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p813b | Counseling about common pregnancy discomforts | During the visit today did the provider give you a treatment or advice for addressing these kinds of problems/discomforts? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
|  | p814a-p814h  Warning signs/Signs of emergency (red flags) | Could you please tell me if you have experienced any of the following symptoms in your pregnancy so far, or not? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p814a | Severe or persistent headaches | Severe or persistent headaches |
| p814b | Vaginal bleeding of any amount | Vaginal bleeding of any amount |
| p814c | A fever | A fever |
| p814d | Severe abdominal pain, not just discomfort | Severe abdominal pain, not just discomfort |
| p814e | A lot of difficulty breathing even when you are resting | A lot of difficulty breathing even when you are resting |
| p814f | Convulsions or seizures | Convulsions or seizures |
| p814g | Repeated fainting or loss of consciousness | Repeated fainting or loss of consciousness |
| p814h | Noticing that the baby has completely stopped moving | Noticing that the baby has completely stopped moving (third trimester only) |
| p815 | Counseling about warning signs | During the visit today, what did the provider tell you to do regarding the [symptom(s) experienced in 814a-814h]? | 0 Nothing we did not discuss this  1 Told me to come back to this health facility  2 Told me to get a lab test or imaging (e.g., blood tests, ultrasound, x-ray, heart echo)  3 Told me to go to hospital or see a specialist like an obstetrician or gynecologist  4 Told me to take painkillers like acetaminophen  5 Told me to wait and see  6 Other (specify)  99. Not remember/not know [Do not read] |
| p815a | Counseling about warning signs | Other | Text response (string variable) |
| p816 | History taking about warning signs | You said that you did not have any of the symptoms I just listed. Did the health provider ask you whether or not you had these symptoms, or did this topic not come up today? | 1 Yes they asked me  0 No they did not ask me  99. Not remember/not know [Do not read] |
| p901 | Risky health behaviors: Tobacco consumption | How often do you currently smoke cigarettes or use any other type of tobacco? Is it every day, some days, or not at all? | 1. Every day  2. Some days  3. Never |
| p902 | Counseling about tobacco consumption | During the visit today, did the health provider advise you to stop smoking or using tobacco products? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p903 | Risky health behaviors: alcohol consumption | Have you consumed an alcoholic drink within the past 30 days? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p904 | Risky health behaviors: alcohol consumption | When you do drink alcohol, how many drinks do you consume on average? | Number of drinks |
| p905 | Counseling about alcohol consumption | During the visit today, did the health provider advise you to stop drinking alcohol? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p1001 | Number of pregnancies | Over the course of your life, how many pregnancies have you had, including the current pregnancy and regardless of whether you gave birth or not? | [Number] |
| p1002 | Number of pregnancies that come to term | Over the course of your life, how many of your pregnancies have come to term, meaning they ended at 9 months (37 weeks) (including live or stillborn babies)? | [Number] |
| p1003 | Number of pregnancies with baby born alive | In how many of the births was the baby born alive?  (Any baby who cried, made any movement, sound, or effort to breathe, or showed any other signs of life, even for a very short time? If you had twins, count this as one birth.) | [Number] |
| p1004 | History of lost a pregnancy after 22 weeks | Have you ever lost a pregnancy after 22 weeks of being pregnant?  That would mean losing the baby after approximately 5 months of being pregnant. | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p1005 | History of preterm birth | Have you ever had a baby that came too early, more than 3 weeks before the due date (or before 8 months)? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p1006 | History of excessive bleeding | Have you ever bled so much in a previous pregnancy or delivery that you needed to be given blood or go back to the delivery room for an operation? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p1007 | History of C-section | Have you ever had cesarean section (that is an operation to remove the baby through your abdomen)? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p1008 | History of neonatal death | Have you ever had a baby die within the first month of their life? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
|  | p1009a- p1009f | During the visit today, did you and the healthcare provider discuss: | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p1009a | Taking obstetric history | ASK: Women with previous pregnancies  your previous pregnancies, or not? |
| p1009b | Taking obstetric history | ASK: Women with a late miscarriage  that you lost a baby after 5 months of pregnancy, or not? |
| p1009c | Taking obstetric history | ASK: Women with a previous stillbirth  that you had a baby who was born dead, or not? |
| p1009d | Taking obstetric history | ASK: Women with a preterm birth  that you had a baby born early before 9 months, or not? |
| p1009e | Taking obstetric history | ASK: Women with a previous c-section  that you had a C-section before, or not? |
| p1009f | Taking obstetric history | ASK: Women with a previous neonatal death  That you had a baby die within their first month of life? |
|  | p1101a- p1101s | At any point during your current pregnancy, has your current husband/partner/boyfriend or another family member: |  |
| p1101a | Violence | Demanded sex with you? | 0. Never  1. Sometimes  2. Several times  3. Many times  99. Not answer [Do not read] |
| p1101b | Violence | Burned you with a cigarette or other substance? |
| p1101c | Violence | Kicked you? |
| p1101d | Violence | Threatened you with a gun or rifle? |
| p1101e | Violence | Intentionally pushed you? |
| p1101f | Violence | Hit you with his fist or hand? |
| p1101g | Violence | Shot you with a gun or rifle? |
| p1101h | Violence | Told you that you are unattractive or ugly? |
| p1101i | Violence | Became jealous or suspicious of your friends? |
| p1101j | Violence | Threatened you with a gun, knife, or machete? |
| p1101k | Violence | Tried to choke or suffocate you? |
| p1101l | Violence | Put you down or belittle you? |
| p1101m | Violence | Twisted your arm? |
| p1101n | Violence | Used physical force to have sex? |
| p1101o | Violence | Insulted you? |
| p1101p | Violence | Attacked you with a knife, razor, or machete? |
| p1101q | Violence | Belittled or belittled you in front of other people? |
| p1101r | Violence | Threatened to go with other women if you don't agree to have sex? |
| p1101s | Violence | Shaken, jostled, or pulled you? |
| p1102 | Canceling about violence | ASK: women who report violence  During the visit today, did the health provider discuss with you where you can seek support for these things? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p1201 | Satisfaction with care | Overall, tell me how satisfied you are with the care you received at this Family Medicine Unit during your first antenatal visit? | 1. Very satisfied  2. Satisfied  3. Neither satisfied nor dissatisfied  4. Dissatisfied  5. Very dissatisfied |
| p1301a | Height measurement | Did they measure your height without shoes during this visit? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p1301b | Height in centimeters | Do you know how tall you are?  Interviewer, please write down your height in CENTIMETERS (for those who were not measured) | Number in centimeters |
| p1301c | Height in centimeters | The interviewer reviews the height record in the woman's health card from the day of recruitment (first ANC) or asks woman to do it and records in the questionnaire woman's height recorded for the day of recruitment in CENTIMETERS (For those who were measured) | Number in centimeters |
| p1302a | Weight measurement | Was your weight measured this visit without a jacket, sweaters, or other heavy clothing? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p1302b | Current weight in KILOGRAMS | The interviewer reviews the weight record in the woman's health card from the day of recruitment (first ANC) or asks woman to do it and records in the questionnaire the weight of the woman registered at this visit in KILOGRAMS | number in kilograms |
| p1302c | weight before pregnancy in KILOGRAMS | Do you remember how much you weighed before pregnancy?  What was your weight before pregnancy in KILOGRAMS? | number in kilograms |
| p1303a | Blood pressure measurement | Was your blood pressure measured during this first ANC visit? | 1 Yes  0 No  99. Not remember/not know [Do not read] |
| p1303b\_1 | systolic blood pressure | The interviewer reviews the lood pressure record in the woman's health card from the day of recruitment (first ANC) or asks woman to do it and records in the questionnaire the systolic blood pressure | mmHg |
|  |  |  |  |
| p1303b\_2 | diastolic blood pressure | and diastolic blood pressure | mmHg |
| p1303b\_2 | Do not remember, and there is no blood pressure register on the health card | Do not remember, and there is no blood pressure register on the health card | 99 Do not remember, and there is no blood pressure register on the health card |

\*Variables generated by the researchers

**Table 1.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the variable** | **Variable description** | **Variable categories** | **STATA code** |
| edad\_2gr | Age groups | 0. 18-34 years  1. ≥35 years | gen edad\_2gr =1 if edad>=35  replace edad\_2gr =0 if edad<=34  replace edad\_2gr =. if edad==0  label define edad\_2gr 0 "Edad<=34" 1 "Edad >=35"  label values edad\_2gr edad\_2gr  order edad\_2gr, after (p1303b\_3)  tab edad\_2gr |
| escolaridad4gr | Education | 1. Primary school degree or lower  2.Complete secondary school  3.High school with or without university degree  99.Did not answer | gen escolaridad=1 if p502==0  replace escolaridad=1 if p503==0  replace escolaridad=1 if p504==1  replace escolaridad=2 if p504==2  replace escolaridad=3 if p504==3  replace escolaridad=4 if p504==4  replace escolaridad=99 if p504==99  replace escolaridad=99 if escolaridad ==.  label define escolaridad 1 "Primaria o menos" 2 "Secundaria" 3 "Preparatoria o bachillerato" 4 "Educación superior" 99 "No contesta"  label values escolaridad escolaridad  tab escolaridad  gen escolaridad4gr =1 if escolaridad==1  replace escolaridad4gr=2 if escolaridad==2  replace escolaridad4gr=3 if escolaridad==3  replace escolaridad4gr=3 if escolaridad==4  replace escolaridad4gr=99 if escolaridad==99  label define escolaridad4gr 1 "Primaria o menos" 2 "Secundaria " 3 "Preparatoria o bachillerato con o sin Educación superior" 99 "No contesta"  label values escolaridad4gr escolaridad4gr  tab escolaridad4gr |
| trabajo\_remunerado | Occupation | 0.Without remunerated job (Housewife/unemployed/student)  1. Remunerated job | gen trabajo\_remunerado=1 if p506==1  replace trabajo\_remunerado=1 if p506==2  replace trabajo\_remunerado=1 if p506==3  replace trabajo\_remunerado=1 if p506==4  replace trabajo\_remunerado=1 if p506==7  replace trabajo\_remunerado=0 if p506==5  replace trabajo\_remunerado=0 if p506==6  replace trabajo\_remunerado=0 if p506==8  replace trabajo\_remunerado=1 if p506==9  label define trabajo\_remunerado 0 "Sin trabajo remunerado" 1 "Con trabajo remunerado"  label values trabajo\_remunerado trabajo\_remunerado  tab trabajo\_remunerado |
| bebidas\_alcoholicas | Alcohol consumption | 0. No  1. Yes  99. Without response | gen bebidas\_alcoholicas=0 if p903==0  replace bebidas\_alcoholicas=1 if p903==1  replace bebidas\_alcoholicas=99 if p903 ==.  label define bebidas\_alcoholicas 0"No" 1 "Si" 99"No contesta"  label values bebidas\_alcoholicas bebidas\_alcoholicas  tab bebidas\_alcoholicas |
| fumar | Tobacco consumption | 0. No  1. Yes  99. Without response | gen fumar=1 if p901==1  replace fumar=1 if p901==2  replace fumar= 0 if p901==3  replace fumar=99 if p901 ==.  label define fumar 1 "Si, fuma" 0 "No fuma"99"No contesta"  label values fumar fumar  tab fumar |
| risk\_conduct | Alcohol and/or tobacco consumption | 0. No  1. Yes | gen risk\_conduct=1 if bebidas\_alcoholicas==1  replace risk\_conduct=1 if fumar==1  replace risk\_conduct=0 if risk\_conduct==.  label define risk\_conduct 1 "Si" 0 "No"  label values risk\_conduct risk\_conduct  tab risk\_conduct |
| ecivil | Marital status | 0. Married or partnered  1. Single/divorced /separated/widow  99.Did not answer | gen ecivil=0 if p505 ==3  replace ecivil=0 if p505 ==4  replace ecivil=1 if p505 ==1  replace ecivil=1 if p505 ==2  replace ecivil=99 if p505 ==99  label define ecivil 0 "Casada/Unión libre" 1 "Soltera/Viuda/Divorciada/Separada" 99 "No contesta"  label values ecivil ecivil  tab ecivil |
|  | **Suffering some type of intimate partner violence** | To analyze violence, we need to weigh the variables that constitute the violence scale | gen vponder\_a=0 if p1101a==0  replace vponder\_a=6 if p1101a==1  replace vponder\_a=12 if p1101a==2  replace vponder\_a=18 if p1101a==3  tab vponder\_a  gen vponder\_b=0 if p1101b==0  replace vponder\_b=6 if p1101b==1  replace vponder\_b=12 if p1101b==2  replace vponder\_b=18 if p1101b==3  tab vponder\_b  gen vponder\_c=0 if p1101c==0  replace vponder\_c=8 if p1101c==1  replace vponder\_c=16 if p1101c==2  replace vponder\_c=24 if p1101c==3  tab vponder\_c  gen vponder\_d=0 if p1101d==0  replace vponder\_d=6 if p1101d==1  replace vponder\_d=12 if p1101d==2  replace vponder\_d=18 if p1101d==3  tab vponder\_d  gen vponder\_e=0 if p1101e==0  replace vponder\_e=5 if p1101e==1  replace vponder\_e=10 if p1101e==2  replace vponder\_e=15 if p1101e==3  replace vponder\_e=0 if vponder\_e ==.  tab vponder\_e  gen vponder\_f=0 if p1101f==0  replace vponder\_f=7 if p1101f==1  replace vponder\_f=14 if p1101f==2  replace vponder\_f=21 if p1101f==3  replace vponder\_f=0 if vponder\_f ==.  tab vponder\_f  gen vponder\_g=0 if p1101g==0  replace vponder\_g=9 if p1101g==1  replace vponder\_g=18 if p1101g==2  replace vponder\_g=27 if p1101g==3  tab vponder\_g  gen vponder\_h=0 if p1101h==0  replace vponder\_h=4 if p1101h==1  replace vponder\_h=8 if p1101h==2  replace vponder\_h=12 if p1101h==3  tab vponder\_h  gen vponder\_i=0 if p1101i==0  replace vponder\_i=4 if p1101i==1  replace vponder\_i=8 if p1101i==2  replace vponder\_i=12 if p1101i==3  tab vponder\_i  gen vponder\_j=0 if p1101j==0  replace vponder\_j=7 if p1101j==1  replace vponder\_j=14 if p1101j==2  replace vponder\_j=21 if p1101j==3  tab vponder\_j  gen vponder\_k=0 if p1101k==0  replace vponder\_k=9 if p1101k==1  replace vponder\_k=18 if p1101k==2  replace vponder\_k=27 if p1101k==3  tab vponder\_k  gen vponder\_l=0 if p1101l==0  replace vponder\_l=5 if p1101l==1  replace vponder\_l=10 if p1101l==2  replace vponder\_l=15 if p1101l==3  tab vponder\_l  gen vponder\_m=0 if p1101m==0  replace vponder\_m=6 if p1101m==1  replace vponder\_m=12 if p1101m==2  replace vponder\_m=18 if p1101m==3  tab vponder\_m  gen vponder\_n=0 if p1101n==0  replace vponder\_n=9 if p1101n==1  replace vponder\_n=18 if p1101n==2  replace vponder\_n=27 if p1101n==3  tab vponder\_n  gen vponder\_o=0 if p1101o==0  replace vponder\_o=4 if p1101o==1  replace vponder\_o=8 if p1101o==2  replace vponder\_o=12 if p1101o==3  tab vponder\_o  gen vponder\_p=0 if p1101p==0  replace vponder\_p=9 if p1101p==1  replace vponder\_p=18 if p1101p==2  replace vponder\_p=27 if p1101p==3  tab vponder\_p  gen vponder\_q=0 if p1101q==0  replace vponder\_q=5 if p1101q==1  replace vponder\_q=10 if p1101q==2  replace vponder\_q=15 if p1101q==3  replace vponder\_q=0 if vponder\_q==.  tab vponder\_q  gen vponder\_r=0 if p1101r==0  replace vponder\_r=4 if p1101r==1  replace vponder\_r=8 if p1101r==2  replace vponder\_r=12 if p1101r==3  tab vponder\_r  gen vponder\_s=0 if p1101s==0  replace vponder\_s=5 if p1101s==1  replace vponder\_s=10 if p1101s==2  replace vponder\_s=15 if p1101s==3  tab vponder\_s |
| SVP2gr | Psychological violence | 1.Yes  0. No | gen SVP= vponder\_o + vponder\_q + vponder\_l + vponder\_h + vponder\_i  tab SVP  gen SVP2gr=1 if SVP>=1  replace SVP2gr=0 if SVP==0  tab SVP2gr |
| SVF2gr | Physical violence | 1.Yes  0. No | gen SVF= vponder\_b + vponder\_c + vponder\_d + vponder\_e + vponder\_f + vponder\_g + vponder\_j + vponder\_k + vponder\_m + vponder\_p+ vponder\_s  tab SVF  gen SVF2gr=1 if SVF>=1  replace SVF2gr=0 if SVF==0  tab SVF2gr |
| SVS2gr | Sexual violence | 1.Yes  0. No | gen SVS= vponder\_a + vponder\_n + vponder\_r  tab SVS  gen SVS2gr=1 if SVS>=1  replace SVS2gr=0 if SVS==0  tab SVS2gr |
| violencia | Suffering some type of intimate partner violence | 1.Yes  0. No | gen violencia= SVF2g +SVP2gr + SVS2gr  tab violencia  replace violencia=1 if violencia >=1  tab violencia |

Table 1

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the variable** | **Variable description** | **Variable categories** | **STATA code** |
| grupo\_nembaraz | Number of pregnancies groups | 1. P rimigravida  2. 2-3 pregnancies  3. ≥4 pregnancies | gen grupo\_nembaraz=1 if p1001==1  replace grupo\_nembaraz=2 if p1001==2  replace grupo\_nembaraz=2 if p1001==3  replace grupo\_nembaraz=3 if p1001>=4  label define grupo\_nembaraz 1 "Primer embarazo" 2 "2-3 embarazos" 3"≥4"  label values grupo\_nembaraz grupo\_nembaraz  tab grupo\_nembaraz |
| primigesta | Primigravida | 0. Primigravida  1. Multigravida | gen primigesta=0 if grupo\_nembaraz ==1  replace primigesta=1 if grupo\_nembaraz ==2  replace primigesta=1 if grupo\_nembaraz ==3  label define primigesta 0 "Primegesta" 1 "Multigesta"  label values primigesta primigesta  tab primigesta |
| obitos | History of miscarriage/stillborn baby | 1.Yes  0. No | gen obitos=0 if p1004==0  replace obitos=1 if p1004==1  replace obitos=. if grupo\_nembaraz ==1  replace obitos=0 if p1004==0 & grupo\_nembaraz >=2  label define obitos 0"No" 1 "Si"  label values obitos obitos  tab obitos |
| hijos\_prematuros | History of premature birth (<37 weeks of gestation) | 1.Yes  0. No | gen hijos\_prematuros=0 if p1005==0  replace hijos\_prematuros=1 if p1005==1  replace hijos\_prematuros=. if grupo\_nembaraz ==1  label define hijos\_prematuros 0"No" 1 "Si"  label values hijos\_prematuros hijos\_prematuros  tab hijos\_prematuros |
| hemorragia\_obstetrica | History of obstetric hemorrhage | 1.Yes  0. No | gen hemorragia\_obstetrica=0 if p1006==0  replace hemorragia\_obstetrica=1 if p1006==1  replace hemorragia\_obstetrica=. if grupo\_nembaraz ==1  label define hemorragia\_obstetrica 0"No" 1 "Si"  label values hemorragia\_obstetrica hemorragia\_obstetrica  tab hemorragia\_obstetrica |
| cesarea | History of cesarean section | 1.Yes  0. No | gen cesarea=0 if p1007==0  replace cesarea= 1 if p1007==1  replace cesarea=. if grupo\_nembaraz ==1  label define cesarea 0"No" 1 "Si"  label values cesarea cesarea  tab cesarea |
| p1008 | History of neonatal death | 1.Yes  0. No | tab p1008 |
| depression\_ansiedad | Medical history of depression/anxiety | 1.Yes  0. No | gen depression\_ansiedad=0 if p202d==0  replace depression\_ansiedad=1 if p202d==1  replace depression\_ansiedad=. if p202d==.  label define depression\_ansiedad 0"No" 1 "Si"  label values depression\_ansiedad depression\_ansiedad  tab depression\_ansiedad |
| hta\_cardiovasc | Medical history of hypertension and/or cardiovascular disease | 1.Yes  0. No | gen hipertension=0 if p202b==0  replace hipertension= 1 if p202b==1  replace hipertension= 1 if id==1586  replace hipertension=. if p202b==.  label define hipertension 0"No" 1 "Si"  label values hipertension hipertension  tab hipertension  gen enf\_cardiovascular=0 if p202c==0  replace enf\_cardiovascular=1 if p202c==1  replace enf\_cardiovascular=. if p202c==.  replace enf\_cardiovascular =1 if id==1259  label define enf\_cardiovascular 0"No" 1 "Si"  label values enf\_cardiovascular enf\_cardiovascular  tab enf\_cardiovascular  gen hta\_cardiovasc=1 if hipertension==1  replace hta\_cardiovasc=1 if enf\_cardiovascular ==1  replace hta\_cardiovasc=1 if id ==1248  replace hta\_cardiovasc =0 if hta\_cardiovasc ==.  label define hta\_cardiovasc 0"No" 1 "Si"  label values hta\_cardiovasc hta\_cardiovasc  tab hta\_cardiovasc |
| enf\_tiroides | Thyroid disease | 1.Yes  0. No | gen enf\_tiroides=0 if p202g==0  replace enf\_tiroides=1 if p202g==1  replace enf\_tiroides=. if p202g==.  label define enf\_tiroides 0"No" 1 "Si"  label values enf\_tiroides enf\_tiroides  tab enf\_tiroides |
| predm\_dm | Diabetes/prediabetes/insulin resistance | 1.Yes  0. No | *\*We generated prediabetes variable based on p202h\_1 text responses*  gen prediabetes=1 if folio==21060  replace prediabetes=1 if folio==21088  replace prediabetes=1 if folio==22010  replace prediabetes=1 if folio==22065  replace prediabetes=1 if folio==30023  replace prediabetes=1 if folio==42059  replace prediabetes=1 if folio==65019  replace prediabetes=1 if folio==65032  replace prediabetes=0 if prediabetes==.  tab prediabetes  gen predm\_dm=0 if p202a==0  replace predm\_dm=1 if p202a==1  replace predm\_dm=1 if prediabetes==1  tab predm\_dm |
| enf\_ginec | Gynecological disease | 1.Yes  0. No | *\*We generated “*Gynecological disease” *variable based on p202h\_1 text responses*  gen enf\_ginec=1 if folio==11063  replace enf\_ginec =1 if folio== 21007  replace enf\_ginec =1 if folio== 21065  replace enf\_ginec =1 if folio== 21067  replace enf\_ginec =1 if folio== 22028  replace enf\_ginec =1 if folio== 31027  replace enf\_ginec =1 if folio== 31073  replace enf\_ginec =1 if folio== 32018  replace enf\_ginec =1 if folio== 41055  replace enf\_ginec =1 if folio== 42035  replace enf\_ginec =1 if folio== 44020  replace enf\_ginec =1 if folio== 52020  replace enf\_ginec =1 if folio== 61024  replace enf\_ginec =1 if folio== 63001  replace enf\_ginec =1 if folio== 65030  replace enf\_ginec =1 if folio== 71003  replace enf\_ginec =1 if folio== 71011  replace enf\_ginec =1 if folio== 71078  replace enf\_ginec =1 if folio== 71091  replace enf\_ginec =1 if folio== 72005  replace enf\_ginec =1 if folio== 72012  replace enf\_ginec =1 if folio== 72051  replace enf\_ginec =1 if folio== 72058  replace enf\_ginec =1 if folio== 72067  replace enf\_ginec =1 if folio== 72074  replace enf\_ginec =1 if folio== 72079  replace enf\_ginec =1 if folio== 81023  replace enf\_ginec =1 if folio== 81045  replace enf\_ginec =1 if folio== 81061  replace enf\_ginec =1 if folio== 82017  replace enf\_ginec =0 if enf\_ginec ==.  tab enf\_ginec |
| miomas | Uterus fibroids | 1.Yes  0. No | gen miomas=1 if folio==21065  replace miomas=1 if folio==31073  replace miomas=1 if folio==32018  replace miomas=1 if folio==41055  replace miomas=1 if folio==42035  replace miomas=1 if folio==63001  replace miomas=1 if folio==71091  replace miomas=1 if folio==72074  replace miomas=1 if folio==81045  replace miomas=0 if miomas==.  tab miomas |
| enferm\_resp | Respiratory diseases | 1.Yes  0. No | *\*We generated “*Respiratory diseases” *variable based on p202h\_1 text responses*  gen enferm\_resp=1 if folio==11055  replace enferm\_resp=1 if folio==13009  replace enferm\_resp=1 if folio==21003  replace enferm\_resp=1 if folio==21059  replace enferm\_resp=1 if folio==21088  replace enferm\_resp=1 if folio==21090  replace enferm\_resp=1 if folio==22001  replace enferm\_resp=1 if folio==22059  replace enferm\_resp=1 if folio==31033  replace enferm\_resp=1 if folio==31063  replace enferm\_resp=1 if folio==33012  replace enferm\_resp=1 if folio==46003  replace enferm\_resp=1 if folio==46023  replace enferm\_resp=1 if folio==61029  replace enferm\_resp=1 if folio==62012  replace enferm\_resp=1 if folio==71056  replace enferm\_resp=1 if folio==82009  replace enferm\_resp=1 if folio==83002  replace enferm\_resp=0 if enferm\_resp==.  tab enferm\_resp |
| enferm\_gastro | Gastrointestinal diseases | 1.Yes  0. No | *\*We generated “*Gastrointestinal diseases” *variable based on p202h\_1 text responses*  gen enferm\_gastro=1 if folio==26013  replace enferm\_gastro=1 if folio==31099  replace enferm\_gastro=1 if folio==32003  replace enferm\_gastro=1 if folio==32005  replace enferm\_gastro=1 if folio==32043  replace enferm\_gastro=1 if folio==41010  replace enferm\_gastro=1 if folio==61021  replace enferm\_gastro=1 if folio==62016  replace enferm\_gastro=1 if folio==64003  replace enferm\_gastro=1 if folio==72008  replace enferm\_gastro=1 if folio==81006  replace enferm\_gastro=1 if folio==81050  replace enferm\_gastro=0 if enferm\_gastro==.  tab enferm\_gastro |
|  | Anemia | 1.Yes  0. No | *\*We generated “*Anemia” *variable based on p202h\_1 text responses*  gen anemia= 1 if folio==14010  replace anemia= 1 if folio==21028  replace anemia= 1 if folio==42034  replace anemia= 1 if folio==42064  replace anemia= 1 if folio==46018  replace anemia= 1 if folio==52019  replace anemia= 1 if folio==52021  replace anemia= 1 if folio==52030  replace anemia= 1 if folio==63009  replace anemia= 1 if folio==81081  replace anemia= 1 if folio==83004  replace anemia=0 if anemia==.  tab anemia |
| p202f | Epilepsy | 1.Yes  0. No | tab p202f |
| enferm\_risk | high-risk chronic diseases | 1.Yes  0. No | We generated the variable of high-risk chronic diseases for pregnancy complications: lupus, leukemia, purpura, thrombophilia, antiphospholipid syndrome, arrhythmia, renal failure. This variable was based on based on p202h\_1 text responses  gen enferm\_risk=1 if folio==21032  replace enferm\_risk=1 if folio==33008  replace enferm\_risk=1 if folio==52011  replace enferm\_risk=1 if folio==52014  replace enferm\_risk=1 if folio==52095  replace enferm\_risk=1 if folio==63002  replace enferm\_risk=1 if folio==71096  replace enferm\_risk=1 if folio==72042  replace enferm\_risk=1 if folio==81047  replace enferm\_risk=0 if enferm\_risk==.  tab enferm\_risk |
| VIH | VIH | 1.Yes  0. No | gen VIH=0 if p202e==0  replace VIH=1 if p202e==1  replace VIH=. if p202e==.  label define VIH 0"No" 1 "Si"  label values VIH VIH  tab VIH |
| otra\_enfermedad | Other pre-gestational chronic disease(s) including HIV | 1.Yes  0. No | gen otra\_enfermedad= p202h  replace otra\_enfermedad=1 if VIH ==1  replace otra\_enfermedad=0 if anemia ==1  replace otra\_enfermedad=0 if prediabetes ==1  replace otra\_enfermedad=0 if enf\_ginec ==1  replace otra\_enfermedad=0 if enferm\_resp ==1  replace otra\_enfermedad=0 if enferm\_gastro ==1  replace otra\_enfermedad=0 if enferm\_risk ==1  replace otra\_enfermedad=0 if epilepsia==1  replace otra\_enfermedad=1 if enferm\_risk==1  label define otra\_enfermedad 0"No" 1 "Si"  label values otra\_enfermedad otra\_enfermedad  tab otra\_enfermedad |
| con\_enfermcronica | History of any of the below pre-gestational chronic disease(s) | 1.Yes  0. No | gen num\_enfcronicas= depression\_ansiedad + hta\_cardiovasc + diabetes + enf\_tiroides + anemia + prediabetes + enf\_ginec + enferm\_resp + enferm\_gastro + otra\_enfermedad  tab num\_enfcronicas  gen con\_enfermcronica= num\_enfcronicas  replace con\_enfermcronica=1 if num\_enfcronicas2==2  replace con\_enfermcronica=1 if num\_enfcronicas2==3  tab con\_enfermcronica |
| p203 | Consumption of medicines and supplements | 1.Yes  0. No | tab p203 |

Table 2

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the variable** | **Variable description** | **Variable categories** | **STATA code** |
| trimestre | Initiation of antenatal care | 1.First trimester  2.Second trimester  3.Third trimester | tab trimestre |
| no\_saber\_emb | Reasons for not seeking/receiving antenatal care in the first trimester among those who sought care in the second or third trimester  Did not know she was pregnant | 1 " Did not know she was pregnant"  0. Another reason | gen no\_saber\_emb=1 if p808a==0  replace no\_saber\_emb=0 if p808a==.  replace no\_saber\_emb =. if trimestre==1  label define no\_saber\_emb 1 "No sabia que estaba embarazada"  label values no\_saber\_emb no\_saber\_emb  tab no\_saber\_emb |
| sin\_ss | Didn't have social security | 1. Didn't have social security  0. Another reason | gen sin\_ss=1 if p808d==3  replace sin\_ss =0 if p808d==.  replace sin\_ss =. if trimestre==1  label define sin\_ss 1 "No contaba con seguro social"  label values sin\_ss sin\_ss  tab sin\_ss |
| intento | Tried to come earlier, but no appointments were available, or another problem for getting the appointment | 1.Tried to come earlier, but no appointments were available, or another problem for getting the appointment  0. Another reason | gen intento=1 if p808b==1  replace intento =0 if p808b==.  replace intento =. if trimestre==1  label define intento 1 "Intenté venir antes, pero no había citas disponibles "  label values intento intento  tab intento |
| larga\_espera | Long waiting time | 1. Long waiting time  0. Another reason | gen larga\_espera=1 if p808f==5  replace larga\_espera =1 if id==1687  replace larga\_espera =0 if p808f==.  replace larga\_espera =. if trimestre==1  label define larga\_espera 1 " Tiempos de espera largos "  label values larga\_espera larga\_espera  tab larga\_espera |
| particular | Had ANC with private or other provide who is not IMSS family doctor | 1 "Private healthcare"  2 "Care at a health center of the Ministry of Health"  3 "Health care at the hospital with a gynecologist at IMSS"  0 "Other reason" | *\*We generated “*Particular” *variable based on p808o\_1 text responses*  gen particular=1 if folio==52057  replace particular=1 if folio==42064  replace particular=1 if folio==41079  replace particular=1 if folio==22070  replace particular=1 if folio==22075  replace particular=1 if folio==12010  replace particular=1 if folio==52072  replace particular=1 if folio==12005  replace particular=1 if folio==22071  replace particular=1 if folio==15041  replace particular=1 if folio==12034  replace particular=1 if folio==81077  replace particular=1 if folio==81083  replace particular=1 if folio==81034  replace particular=1 if folio==32055  replace particular=1 if folio==52015  replace particular=1 if folio==31070  replace particular=1 if folio==22038  replace particular=1 if folio==41092  replace particular=1 if folio==74005  replace particular=1 if folio==44010  replace particular=1 if folio==52099  replace particular=1 if folio==42057  replace particular=1 if folio==81015  replace particular=1 if folio==52100  replace particular=1 if folio==74003  replace particular=1 if folio==52070  replace particular=1 if folio==84065  replace particular=1 if folio==41095  replace particular=1 if folio==22073  replace particular=1 if folio==43004  replace particular=1 if folio==12027  replace particular=1 if folio==81081  replace particular=1 if folio==81079  replace particular=1 if folio==41068  replace particular=1 if folio==34003  replace particular=2 if folio==62039  replace particular=2 if folio==22072  replace particular=3 if folio==22065  replace particular=3 if folio==22062  replace particular=0 if particular ==.  replace particula=. if trimestre==1  label define particular 1 "Atencion com med privado" 2 "Atencion en Centro de salud" 3 "Atencion en gineco 4 u otro gineco del IMSS" 0 "Otra razon"  label values particular particular  tab particular |
| otro\_noasistir | Other reasons for not seeking/receiving antenatal care in the first trimester | 1. Other reasons  0.No | *\*We generated “*Other reasons” *variable based on p808o\_1 text responses and p808e-p808n*  gen otro\_noasistir=1 if p808e==4  replace otro\_noasistir=1 if p808g==6  replace otro\_noasistir=1 if p808h==7  replace otro\_noasistir=1 if p808i==8  replace otro\_noasistir=1 if p808j==9  replace otro\_noasistir=1 if p808k==10  replace otro\_noasistir=1 if p808l==11  replace otro\_noasistir=1 if p808m==12  replace otro\_noasistir=1 if p808n==13  replace otro\_noasistir=1 if particular==1  replace otro\_noasistir=1 if particular==2  replace otro\_noasistir=1 if particular==3  replace otro\_noasistir =1 if folio==52046  replace otro\_noasistir =1 if folio==31097  replace otro\_noasistir =1 if folio==15003  replace otro\_noasistir =1 if folio==72083  replace otro\_noasistir =1 if folio==52054  replace otro\_noasistir =1 if folio==81020  replace otro\_noasistir =1 if folio==23004  replace otro\_noasistir =1 if folio==72049  replace otro\_noasistir =1 if folio==65015  replace otro\_noasistir =1 if folio==41099  replace otro\_noasistir =1 if folio==71097  replace otro\_noasistir =1 if folio==81076  replace otro\_noasistir =0 if otro\_noasistir ==.  replace otro\_noasistir =. if trimestre==1  label define otro\_noasistir 1 "Otra razón para no asistir a la consulta prenatal en el primer trimestre "  label values otro\_noasistir otro\_noasistir  tab otro\_noasistir |
| embarazo\_planeado | Planned pregnancy | 1.Yes  0. No | gen embarazo\_planeado=0 if p807==0  replace embarazo\_planeado=1 if p807==1  replace embarazo\_planeado=0 if embarazo\_planeado==.  label define embarazo\_planeado 0 "No" 1"Si"  label values embarazo\_planeado embarazo\_planeado  tab embarazo\_planeado |
| embarazo\_multiple | Multiple pregnancy | 1.Yes  0. No | gen embarazo\_multiple=1 if p805b==2  replace embarazo\_multiple=0 if p805b==3  replace embarazo\_multiple=0 if embarazo\_multiple ==.  tab embarazo\_multiple |
| molestias\_embarazo | Common pregnancy discomforts (dizziness, nausea, etc.) | 1.Yes  0. No | gen molestias\_embarazo=0 if p813a==0  replace molestias\_embarazo=1 if p813a==1  replace molestias\_embarazo=. if p813a==.  label define molestias\_embarazo 0 "No" 1"Si"  label values molestias\_embarazo molestias\_embarazo  tab molestias\_embarazo |
| cefalea | **Types of warning signs** Severe headache | 1.Yes  0. No | gen cefalea=0 if p814a==0  replace cefalea=1 if p814a==1  replace cefalea=0 if p814a==99  label define cefalea 0 "No" 1"Si"  label values cefalea cefalea  tab cefalea |
| sangrado\_vaginal | Vaginal bleeding | 1.Yes  0. No | gen sangrado\_vaginal=0 if p814b==0  replace sangrado\_vaginal=1 if p814b==1  replace sangrado\_vaginal=0 if p814b==99  label define sangrado\_vaginal 0 "No" 1"Si"  label values sangrado\_vaginal sangrado\_vaginal  tab sangrado\_vaginal |
| dolor\_abdominal | Severe abdominal pain | 1.Yes  0. No | gen dolor\_abdominal=0 if p814d==0  replace dolor\_abdominal=1 if p814d==1  replace dolor\_abdominal=0 if p814d==99  label define dolor\_abdominal 0 "No" 1"Si"  label values dolor\_abdominal dolor\_abdominal  tab dolor\_abdominal |
| dificult\_respir | Difficulty breathing | 1.Yes  0. No | gen dificult\_respir=0 if p814e==0  replace dificult\_respir =1 if p814e==1  replace dificult\_respir =0 if p814e==99  label define dificult\_respir 0 "No" 1"Si"  label values dificult\_respir dificult\_respir  tab dificult\_respir |
| fiebre | Fever | 1.Yes  0. No | gen fiebre=0 if p814c==0  replace fiebre=1 if p814c==1  replace fiebre=0 if p814c==99  label define fiebre 0 "No" 1"Si"  label values fiebre fiebre  tab fiebre |
| otrossimptom | Others (seizures, repeated fainting or loss of consciousness) | 1.Yes  0. No | gen convulsiones=0 if p814f==0  replace convulsiones=1 if p814f==1  replace convulsiones=0 if p814f==99  label define convulsiones 0 "No" 1"Si"  label values convulsiones convulsiones  gen desmayos=0 if p814g==0  replace desmayos=1 if p814g==1  replace desmayos=0 if p814g==99  label define desmayos 0 "No" 1"Si"  label values desmayos desmayos  gen otrossimptom=1 if desmayos==1  replace otrossimptom=1 if convulsiones==1  replace otrossimptom=0 if otrossimptom==.  label define otrossimptom 0 "No" 1"Si"  label values otrossimptom otrossimptom  tab otrossimptom |
| no\_mueve | Stopped fetal movement (among women in the second/ third trimester of pregnancy n=753) | 1.Yes  0. No | gen no\_mueve=0 if p814h==0  replace no\_mueve =1 if p814h==1  replace no\_mueve =0 if p814h==99  replace no\_mueve =0 if no\_mueve ==.  replace no\_mueve =. if trimestre==1  label define no\_mueve 0 "No" 1"Si"  label values no\_mueve no\_mueve  tab no\_mueve |
| signos\_totgr | Number of emergency warning signs | 0.No signs  1 One Sign  2 Two signs  3>=Three signs | gen no\_mueve\_todos= no\_mueve  replace no\_mueve\_todos=0 if no\_mueve\_todos==.  tab no\_mueve\_todos  gen signos\_total= no\_mueve\_todos + otrossimptom + dificult\_respir + dolor\_abdominal + fiebre + sangrado\_vaginal + cefalea  tab signos\_total  drop no\_mueve\_todos  gen signos\_totgr=0 if signos\_total==0  replace signos\_totgr=1 if signos\_total==1  replace signos\_totgr=2 if signos\_total==2  replace signos\_totgr=3 if signos\_total>=3  tab signos\_totgr |
| conalarm | With warning signs | 1. With warning signs  0. No | gen conalarm= signos\_totgr  replace conalarm=1 if signos\_totgr==1  replace conalarm=1 if signos\_totgr ==2  replace conalarm=1 if signos\_totgr ==3  label define conalarm 0 "No" 1"con signos de alarma"  label values conalarm conalarm  tab conalarm |
| pa\_elevada | High blood pressure (>140/>90mmHg) (among women with register of the blood pressure in their health card n=800) | 0.Normal blood pressure  1. High blood pressure | sort p1303b\_1  gen pa\_sistol= p1303b\_1  sum pa\_sistol, detail  sort p1303b\_2  gen pa\_diastol= p1303b\_2  sum pa\_diastol, detail  gen pa\_elevada=0 if pa\_sistol<140  replace pa\_elevada=0 if pa\_diastol<90  replace pa\_elevada =1 if pa\_sistol>=140  replace pa\_elevada=1 if pa\_diastol>=90  replace pa\_elevada =. if pa\_sistol==.  replace pa\_elevada=. if pa\_diastol==.  label define pa\_elevada 0 "PA normal" 1 " PA elevada"  label values pa\_elevada pa\_elevada  tab pa\_elevada |
|  | Presence of one or more obstetric risk factors according to the institutional guideline: age≥ 35 years old, history of fetal death, pre-term birth, pre-gestational diabetes, high blood pressure, current multiple pregnancy, decreased/stopped fetal movements. | 1.Yes  0. No | gen risk\_factorobstetr=1 if edad>=35  replace risk\_factorobstetr =1 if obitos ==1  replace risk\_factorobstetr =1 if hijos\_prematuros==1  replace risk\_factorobstetr =1 if diabetes==1  replace risk\_factorobstetr =1 if pa\_elevada==1  replace risk\_factorobstetr =1 if num\_bebes\_espera==2  replace risk\_factorobstetr =1 if no\_mueve==1  replace risk\_factorobstetr =0 if risk\_factorobstetr ==.  label define risk\_factorobstetr 0 "No" 1 "Yes"  label values risk\_factorobstetr risk\_factorobstetr  tab risk\_factorobstetr |
| salud | Self-rated health | 0.Excellent/ Very Good/Good  1.Fair/Poor | gen salud =0 if p201==1  replace salud =0 if p201==2  replace salud =0 if p201==3  replace salud =1 if p201==4  replace salud=1 if p201==5  replace salud =. if p201==0  label define salud 0"Excelente/Muy buena/" 1 "Regular/Mala"  label values salud salud  tab salud |
| depress\_risk3gr | Risk of depression | 0. Without risk of depression  1.Minimal risk 0-4  2.Mild risk 5-9  3.Moderate to severe ≥10 | gen depress\_risk3gr =1 if p206 <=4  replace depress\_risk3gr =2 if p206>4 & p206<10  replace depress\_risk3gr =3 if p206>=10 & p206<20  replace depress\_risk3gr =3 if p206>=20  replace depress\_risk3gr =. if p206==.  label define depress\_risk3gr 1 "Riesgo minimo" 2 " Riesgo leve" 3 " Riesgo moderado o severo”  label values depress\_risk3gr depress\_risk3gr  tab depress\_risk3gr |
| condepres | Risk of depression | 0. Without risk of depression  1.With risk of depression | gen condepres =0 if depress\_risk3gr ==1  replace condepres =1 if depress\_risk3gr ==2  replace condepres =1 if depress\_risk3gr ==3  label define condepres 0 "Sin depresion" 1 " Con riesgo de depresion"  label values condepres condepres  tab condepres |

Table 3

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the variable** | **Variable description** | **Variable categories** | **STATA code** |
| time\_espera | **Waiting time** | minutes | gen time\_espera =p604 |
| espera | Waiting time groups | <15 minutes  15-29 minutes  30-60 minutes  >60minutes | gen espera=1 if time\_espera<=14  replace espera=2 if time\_espera>=15 & time\_espera<=29  replace espera=3 if time\_espera>=30 & time\_espera<=60  replace espera=4 if time\_espera>=61  label define espera 1 "<15 minutos" 2 "Entre 15 y 29 minutos" 3 "Entre 30 y 60 minutos" 4 ">60minutos"  label values espera espera  tab espera |
| dur\_prenatal1 | Visit duration | minutes | gen dur\_prenatal1=p603 |
| tconsulta | Visit duration groups | 1. <15 minutes  2.15-19 minutes  3.20-29 minutes  4. ≥30 minutes | gen tconsulta=1 if dur\_prenatal1<=14  replace tconsulta=2 if dur\_prenatal1>=15 & dur\_prenatal1<=19  replace tconsulta=3 if dur\_prenatal1>=20 & dur\_prenatal1<=29  replace tconsulta=4 if dur\_prenatal1>=30  label define tconsulta 1 "<15 minutos" 2 "Entre 15 y 19 minutos" 3 "Entre 20 y 29 minutos" 4 "≥30minutos"  label values tconsulta tconsulta  tab tconsulta |
| fecha\_menstruacion | Obstetric history taking regarding the first day of the last menstrual period | 1.Yes  0. No | gen fecha\_menstruacion=0 if p806==0  replace fecha\_menstruacion=1 if p806==1  replace fecha\_menstruacion=0 if fecha\_menstruacion==.  label define fecha\_menstruacion 0 "No" 1"Si"  label values fecha\_menstruacion fecha\_menstruacion  tab fecha\_menstruacion |
| embarazos\_previos | Obstetric history taking regarding previous pregnancies | 1.Yes  0. No | gen embarazos\_previos=0 if p1009a==0  replace embarazos\_previos=1 if p1009a==1  replace embarazos\_previos=0 if p1009a==99  replace embarazos\_previos=. if total\_embarazos ==1  label define embarazos\_previos 0 "No" 1"Si"  label values embarazos\_previos embarazos\_previos  tab embarazos\_previos |
| antecedente\_obitos | Obstetric history taking regarding miscarriage or stillborn baby | 1.Yes  0. No | gen antecedente\_obitos=0 if obitos==1  replace antecedente\_obitos=1 if p1009b==1  replace antecedente\_obitos=1 if p1009c==1  replace antecedente\_obitos=. if total\_embarazos ==1  replace antecedente\_obitos=. if obitos==0  label define antecedente\_obitos 0 "No" 1"Si"  label values antecedente\_obitos antecedente\_obitos  tab antecedente\_obitos |
| antecedente\_parto\_  pretermino | Obstetric history taking regarding preterm birth | 1.Yes  0. No | gen antecedente\_parto\_pretermino=0 if hijos\_prematuros==1  replace antecedente\_parto\_pretermino=1 if p1009d==1  label define antecedente\_parto\_pretermino 0 "No" 1"Si"  label values antecedente\_parto\_pretermino antecedente\_parto\_pretermino  tab antecedente\_parto\_pretermino |
| antecedente\_cesareas | Obstetric history taking regarding previous cesarean sections | 1.Yes  0. No | gen antecedente\_cesareas=0 if p1009e==0  replace antecedente\_cesareas=1 if p1009e==1  replace antecedente\_cesareas=. if total\_embarazos ==1  replace antecedente\_cesareas=. if cesarea ==0  label define antecedente\_cesareas 0 "No" 1"Si"  label values antecedente\_cesareas antecedente\_cesareas  tab antecedente\_cesareas |
| antecedente\_muerte\_  neonatal | Obstetric history taking regarding Neonatal death | 1.Yes  0. No | gen antecedente\_muerte\_neonatal=0 if p1009e==0  replace antecedente\_muerte\_neonatal=1 if p1009e==1  replace antecedente\_muerte\_neonatal=. if total\_embarazos ==1  replace antecedente\_muerte\_neonatal=. if muerte\_neonatal ==0  label define antecedente\_muerte\_neonatal 0 "No" 1"Si"  label values antecedente\_muerte\_neonatal antecedente\_muerte\_neonatal  tab antecedente\_muerte\_neonatal |
| manejo\_signos | Warning signs managment | 0 Nothing we did not discuss this  1 Told me to come back to this health facility  2 Told me to get a lab test or imaging (e.g., blood tests, ultrasound, x-ray, heart echo)  3 Told me to go to hospital or see a specialist like an obstetrician or gynecologist  4 Told me to take painkillers like acetaminophen  5 Told me to wait and see  96 Other  99. Not remember/not know | gen manejo\_signos =0 if p815==0  replace manejo\_signos =1 if p815==1  replace manejo\_signos =2 if p815==2  replace manejo\_signos =3 if p815==3  replace manejo\_signos =4 if p815==4  replace manejo\_signos =5 if p815==5  replace manejo\_signos =96 if p815==6  replace manejo\_signos =0 if p815==99  replace manejo\_signos =. if p815==.  label define manejo\_signos 0 "Nada, no hablaron de eso" 1 "Le dijo que volviera a su clinica" 2 "Le dijo que se hiciera una o más pruebas de laboratorio" 3 "Le dijo que fuera al hospital o que viera a un especialista en Ginecología y Obstetricia" 4 "Le dijo que tomara analgésicos" 5 "Le dijo que esperara y viera qué pasa" 96 "Otro" 99 "No recuerda/No contesta"  label values manejo\_signos manejo\_signos  tab manejo\_signos |
| interogsign\_alarma | History taking regarding warning symptoms of the current pregnancy | 1.Yes  0. No | gen interogsign\_alarma =0 if p816==0  replace interogsign\_alarma =1 if p816==1  replace interogsign\_alarma =0 if p816==99  replace interogsign\_alarma =0 if manejo\_signos==0  replace interogsign\_alarma =1 if manejo\_signos==1  replace interogsign\_alarma =1 if manejo\_signos==2  replace interogsign\_alarma =1 if manejo\_signos==3  replace interogsign\_alarma =1 if manejo\_signos==4  replace interogsign\_alarma =1 if manejo\_signos==5  replace interogsign\_alarma =1 if manejo\_signos==96  replace interogsign\_alarma =0 if p816==99  label define interogsign\_alarma 0 “No” 1"Si"  label values interogsign\_alarma interogsign\_alarma  tab interogsign\_alarma |
| interrog\_DM | Taking medical history regarding diabetes | 1.Yes  0. No | gen interrog\_DM=0 if p714==0  replace interrog\_DM =1 if p714==1  replace interrog\_DM =. if p714==.  replace interrog\_DM =. if diabetes==0  label define interrog\_DM 0 “No” 1"Si"  label values interrog\_DM interrog\_DM  tab interrog\_DM |
| interrog\_htacardio | Taking medical history regarding hypertension and/or cardiovascular diseases | 1.Yes  0. No | gen interrog\_HTA=0 if p715==0  replace interrog\_HTA =1 if p715==1  replace interrog\_HTA =. if p715==.  replace interrog\_HTA =. if hipertension==0  label define interrog\_HTA 0 “No” 1"Si"  label values interrog\_HTA interrog\_HTA  tab interrog\_HTA  gen interrog\_cardio=0 if p716==0  replace interrog\_cardio =1 if p716==1  replace interrog\_cardio =. if p716==.  label define interrog\_cardio 0 “No” 1"Si"  label values interrog\_cardio interrog\_cardio  replace interrog\_cardio =. if enf\_cardiovascular==0  tab interrog\_cardio  gen interrog\_htacardio= 0 if interrog\_HTA==0  replace interrog\_htacardio= 0 if interrog\_cardio==0  replace interrog\_htacardio= 1 if interrog\_HTA==1  replace interrog\_htacardio= 1 if interrog\_cardio==1  tab interrog\_htacardio |
| interrog\_mental | Taking medical history regarding mental health disorders in women with a previous diagnosis of depression | 1.Yes  0. No | gen interrog\_mental=0 if p717==0  replace interrog\_mental =1 if p717==1  replace interrog\_mental =. if p717==.  replace interrog\_mental =. if depression\_ansiedad==0  label define interrog\_mental 0 “No” 1"Si"  label values interrog\_mental interrog\_mental  tab interrog\_mental |
| interrog\_animo | Taking medical history regarding mood in women who reported feeling depressed (PHQ≥ 6 points) | 1.Yes  0. No | gen interrog\_animo=0 if p713==0  replace interrog\_animo =1 if p713==1  replace interrog\_animo =. if p713==.  replace interrog\_animo =. if p206<6  label define interrog\_animo 0 “No” 1"Si"  label values interrog\_animo interrog\_animo  tab interrog\_animo |
| iterrog\_medicina | Taking medical history regarding medications | 1.Yes  0. No | gen iterrog\_medicina =1 if p719==1  replace iterrog\_medicina =0 if p719==0  replace iterrog\_medicina =. if p203 ==0  label define iterrog\_medicina 0 “No” 1"Si"  label values iterrog\_medicina iterrog\_medicina  tab iterrog\_medicina |
| medir\_pa | Blood pressure measurement | 1.Yes  0. No | gen medir\_pa=0 if p700==0  replace medir\_pa =1 if p700==1  replace medir\_pa =1 if p700==2  replace medir\_pa =0 if medir\_pa ==.  label define medir\_pa 0"No" 1 "Si"  label values medir\_pa medir\_pa  tab medir\_pa |
| pa\_carnet | Blood pressure recorded in a personal health card | 1.Yes  0. No | gen pa\_carnet= pa\_elevada  replace pa\_carnet =1 if pa\_elevada==0  replace pa\_carnet =0 if pa\_elevada==.  label define pa\_carnet 0"No" 1 "Sic, PA esta registrada en el carnet"  tab pa\_carnet |
| medir\_peso | Weight measurement | 1.Yes  0. No | gen medir\_peso=0 if p701==0  replace medir\_peso=1 if p701==1  replace medir\_peso=1 if p701==2  replace medir\_peso=0 if medir\_peso==.  label define medir\_peso 0"No" 1 "Si"  label values medir\_peso medir\_peso  tab medir\_peso |
| medir\_altura | Height measurement | 1.Yes  0. No | gen medir\_altura=0 if p702==0  replace medir\_altura=1 if p702==1  replace medir\_altura=1 if p702==2  replace medir\_altura=0 if medir\_altura ==.  label define medir\_altura 0"No" 1 "Si"  label values medir\_altura medir\_altura  tab medir\_altura |
| medir\_frecfeto | Fetal heartbeat measurement in women with ≥12 weeks of gestation) | 1.Yes  0. No | gen medir\_frecfeto=0 if p703==0  replace medir\_frecfeto =1 if p703==1  replace medir\_frecfeto =. if p703==.  replace medir\_frecfeto =. if SDG <12  label define medir\_frecfeto 0"No" 1 "Si"  label values medir\_frecfeto medir\_frecfeto  tab medir\_frecfeto |
| EGO | Referral to a general urine test | 1.Yes  0. No | gen EGO=0 if p706==0  replace EGO=1 if p706==1  replace EGO=0 if EGO ==.  label define EGO 0"No" 1 "Si"  label values EGO EGO  tab EGO |
| estudios\_sangre | Referral to a full blood count testing for anemia screening | 1.Yes  0. No | gen estudios\_sangre=0 if p707==0  replace estudios\_sangre=1 if p707==1  replace estudios\_sangre=0 if estudios\_sangre==.  label define estudios\_sangre 0"No" 1 "Si"  label values estudios\_sangre estudios\_sangre  tab estudios\_sangre |
| envio\_glucosa | Referral to a glucose measurement for DM screening | 1.Yes  0. No | gen envio\_glucosa=0 if p704a==0  replace envio\_glucosa =1 if p704a==1  replace envio\_glucosa =0 if envio\_glucosa ==.  label define envio\_glucosa 0"No" 1 "Si"  label values envio\_glucosa envio\_glucosa  tab envio\_glucosa |
| envio\_VIH | Referral to a rapid HIV screening | 1.Yes  0. No | gen envio\_VIH=0 if p705a==0  replace envio\_VIH=1 if p705a==1  replace envio\_VIH=0 if envio\_VIH ==.  label define envio\_VIH 0"No" 1 "Si"  label values envio\_VIH envio\_VIH  tab envio\_VIH |
| VDRL | Referral to a syphilis testing | 1.Yes  0. No | gen VDRL=0 if p708==0  replace VDRL=1 if p708==1  replace VDRL=99 if VDRL==.  label define VDRL 0"No" 1 "Si" 99 "Desconoce/No recuerda"  label values VDRL VDRL  tab VDRL |
| USG\_24weeks | Ultrasound scan before 24 weeks | 1.Yes  0. No | gen USG\_24weeks=0 if p709==0  replace USG\_24weeks =1 if p709==1  replace USG\_24weeks =. if p709==.  replace USG\_24weeks =. if SDG>=24  label define USG\_24weeks 0"No" 1 "Si"  label values USG\_24weeks USG\_24weeks  tab USG\_24weeks |
| bebes\_espera | **Information on n**umber of babies expected, (in women after 8 weeks of gestation) | 1.Yes  0. No | gen bebes\_espera=0 if p805a==0  replace bebes\_espera=1 if p805a==1  replace bebes\_espera=0 if bebes\_espera==.  replace bebes\_espera=. if SDG <8  label define bebes\_espera 0 "No" 1"Si"  label values bebes\_espera bebes\_espera  tab bebes\_espera |
| fecha\_parto | **Information on d**elivery date | 1.Yes  0. No | gen fecha\_parto=0 if p802==0  replace fecha\_parto=1 if p802==1  replace fecha\_parto=0 if fecha\_parto ==.  label define fecha\_parto 0"No" 1 "Si"  label values fecha\_parto fecha\_parto  tab fecha\_parto |
| plan\_parto | **Information on d**elivery plan | 1.Yes  0. No | gen plan\_parto=0 if p809==0  replace plan\_parto=1 if p809==1  replace plan\_parto=0 if plan\_parto ==.  label define plan\_parto 0 "No" 1"Si"  label values plan\_parto plan\_parto  tab plan\_parto |
| plan\_cesarea | **Information on p**ossibility of having a cesarean section | 1.Yes  0. No | gen plan\_cesarea=0 if p811==0  replace plan\_cesarea=1 if p811==1  replace plan\_cesarea =0 if plan\_cesarea ==.  label define plan\_cesarea 0 "No" 1"Si"  label values plan\_cesarea plan\_cesarea  tab plan\_cesarea |
| nutricion | Counseling about Nutrition | 1.Yes  0. No | gen nutricion=0 if p712a==0  replace nutricion=1 if p712a==1  replace nutricion=0 if p712a==99  label define nutricion 0 "No" 1"Si"  label values nutricion nutricion  tab nutricion |
| ejercicio | Counseling about Physical exercise during pregnancy | 1.Yes  0. No | gen ejercicio=0 if p712b==0  replace ejercicio=1 if p712b==1  replace ejercicio=. if p712b==.  replace ejercicio=0 if p712b==99  label define ejercicio 0 “No” 1"Si"  label values ejercicio ejercicio  tab ejercicio |
| consej\_alrm | Counseling about Warning signs | 1.Yes  0. No | gen consej\_alrm=1 if p712d==1  replace consej\_alrm=0 if consej\_alrm ==.  label define consej\_alrm 0 “No” 1"Si"  label values consej\_alrm consej\_alrm  tab consej\_alrm |
| quit\_risk | Counseling about Quitting risky health behaviors (smoking and/or drinking alcohol | 1.Yes  0. No | gen quit\_risk=0  replace quit\_risk=1 if p902==1  replace quit\_risk=1 if p905==1  replace quit\_risk=. if risk\_conduct==0  label define quit\_risk 0 "No" 1"Si"  label values quit |
| treat\_molestias | Counseling about Common pregnancy discomforts | 1.Yes  0. No | gen treat\_molestias=0 if p813b==0  replace treat\_molestias =1 if p813b==1  replace treat\_molestias =0 if p813b==99  replace treat\_molestias =. if p813a==0  label define treat\_molestias 0 "No" 1"Si"  label values treat\_molestias treat\_molestias  tab treat\_molestias |
| consej\_violencia | Counseling about where to seek help in case of intimate partner violence | 1.Yes  0. No | gen consej\_violencia=0 if p1102==0  replace consej\_violencia =1 if p1102==1  replace consej\_violencia =. if p1102==.  replace consej\_violencia =. if ISVP==.  label define consej\_violencia 0 “No” 1"Si"  label values consej\_violencia consej\_violencia  tab consej\_violencia |
| hablar\_estres | Counseling about things that cause stress | 1.Yes  0. No | gen hablar\_estres=0 if p712c==0  replace hablar\_estres =1 if p712c==1  replace hablar\_estres =0 if p712c==99  label define hablar\_estres 0 “No” 1"Si"  label values hablar\_estres hablar\_estres  tab hablar\_estres |
| envio\_2niv\_gin\_otro | Referral to a consultation or follow-up with a specialist in obstetrics and gynecology at the second care level | 1.Yes  0. No | gen envio\_gine=0 if p720c==0  replace envio\_gine=1 if p720c==1  replace envio\_gine=0 if p720c==99  replace envio\_gine=. if p720c==.  label define envio\_gine 0 "No" 1"Si" 99"No contesta"  label values envio\_gine envio\_gine  tab envio\_gine  gen envio\_2nivel=0 if p720d==0  replace envio\_2nivel=1 if p720d==1  replace envio\_2nivel=0 if p720d==99  replace envio\_2nivel=. if p720d==.  label define envio\_2nivel 0 "No" 1"Si" 99"No contesta"  label values envio\_2nivel envio\_2nivel  tab envio\_2nivel  gen envio\_2niv\_gin\_otro= 1 if envio\_2nivel==1  replace envio\_2niv\_gin\_otro= 1 if envio\_gine ==1  replace envio\_2niv\_gin\_otro= 0 if envio\_2niv\_gin\_otro ==.  label define envio\_2niv\_gin\_otro 0 "No" 1"Si"  label values envio\_2niv\_gin\_otro envio\_2niv\_gin\_otro  tab envio\_2niv\_gin\_otro |
| prox\_cita | Scheduling the next antenatal appointment | 1.Yes  0. No | gen prox\_cita=0 if p720a==0  replace prox\_cita=1 if p720a==1  replace prox\_cita=0 if p720a==99  replace prox\_cita=0 if p720a==.  label define prox\_cita 0 "No" 1"Si"  label values prox\_cita prox\_cita  tab prox\_cita |
| propactivcumplidas | Healthcare competence | percentage | **\*Number of activities of the doctor and the health team carried out during the first ANC**  egen actividadessum1s = anycount (embarazos\_previos antecedente\_obitos antecedente\_parto\_pretermino antecedente\_cesareas antecedente\_muerte\_neonatal medir\_pa medir\_peso medir\_altura medir\_frecfeto envio\_glucosa envio\_VIH EGO estudios\_sangre VDRL USG\_24weeks envio\_tetanos fecha\_menstruacion fecha\_parto bebes\_espera plan\_parto nutricion ejercicio hablar\_estres quit\_risk consej\_violencia interrog\_DM interrog\_htacardio interrog\_animo interrog\_mental iterrog\_medicina interogsign\_alarma consej\_alrm treat\_molestias prox\_cita), value(1)  **\*Number of activities of the doctor and the health team** NOT **carried out during the first ANC**  egen actividades0s = anycount (embarazos\_previos antecedente\_obitos antecedente\_parto\_pretermino antecedente\_cesareas antecedente\_muerte\_neonatal medir\_pa medir\_peso medir\_altura medir\_frecfeto envio\_glucosa envio\_VIH EGO estudios\_sangre VDRL USG\_24weeks envio\_tetanos fecha\_menstruacion fecha\_parto bebes\_espera plan\_parto nutricion ejercicio hablar\_estres quit\_risk consej\_violencia interrog\_DM interrog\_htacardio interrog\_animo interrog\_mental iterrog\_medicina consej\_alrm treat\_molestias prox\_cita), value(0)  **\*We sum the activities carried out and not carried out to calculate the denominator and then the percentage of activities carried out in relation to the total number of activities required by the woman.**  gen denom\_actividad= actividadessum1s+ actividades0  **\*Percentage of activities carried out in relation to the total number of activities that the woman required according to her medical and gynecological-obstetric history**.  gen propactivcumplidas= (actividadessum1s \* 100) / denom\_actividad |