

## **Supplementary material**

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**Table S1. Definition of indicators**

Indicator	Definition	Binary variable
Before and during pregnancy		
Contraceptive use in married or living with a partner	Percentage of women aged 15–49 years currently married or in union who are using (or whose partner is using) a modern contraceptive method.	1: If the woman currently married or in union are using (or whose partner is using) a modern contraceptive method 0: if doesn't
Antenatal care with a skilled provider	Percentage of women attended at least once during pregnancy by skilled health personnel for reasons related to the pregnancy. Bolivia: Doctor, nurse and auxiliary nurse. Guatemala: Doctor, nurse and skilled midwife Mexico: Doctor, nurse and skilled midwife Peru: Doctor, obstetrician and nurse	1: If the woman attended at least once during pregnancy by skilled health personnel for reasons related to the pregnancy. 0: if doesn't
First antenatal care visit in the first trimester	Percentage of women with the first antenatal care visit in the first trimester of pregnancy.	1: If the woman had the first antenatal care visit in the first trimester of pregnancy 0: if doesn't
Antenatal care visits	Percentage of women with four or more antenatal care visits.	1: If the woman had four or more antenatal care visits 0: if doesn't
Birth and postpartum period		
Skilled birth attendance	Percentage of livebirths attended by skilled health personnel. Bolivia, Guatemala, Mexico: Doctor and nurse Peru: Doctor, obstetrician and nurse	1: If the livebirths were attended by skilled health personnel 0: if doesn't
Postpartum care	Percentage of women with postpartum care by any provider or time of occurrence.	1: If the woman had a postpartum care by any provider or time of occurrence. 0: if doesn't

**Table S2. Spanish survey questions used to ethnic identification**

Ethnicity identification Questions		Categorizing	
		Indigenous	Reference Group
Self-identification (SI) / <i>Autoidentificación</i>		SI	Non-SI
Bolivia	<i>¿Se considera perteneciente a algún pueblo indígena / originario como quechua, aymara, guarani u otro?</i>	Quechua, aymara, guaraní, other	Ninguno
Guatemala	<i>Usted, ¿cómo se considera indígena o no indígena?</i>	Indígena	No indígena
	<i>Usted, ¿cómo se considera maya, ladina/mestiza, garífuna, xinca o de otra etnia?</i>	Maya, xinca or other ethnia	Ladina/mestiza, garifuna
Mexico	<i>De acuerdo con su cultura, ¿usted se considera indígena?</i>	Si	No
Peru	<i>Por sus antepasados y de acuerdo a sus costumbres usted se considera: ¿Quechua?, ¿Aymara?, ¿Nativo o Indígena de la Amazonía?, ¿Negro /Mulato /Zambo /Afro Peruano?, ¿Blanco?, ¿Mestizo?, ¿Otro?</i>	Quechua, aymara, Nativo o Indígena de la Amazonía	Negro, Mulato, Afro Peruano, Blanco, Mestizo
Spoken indigenous language (SIL) / <i>Habla lengua indígena</i>		SIL	Non-SIL
Bolivia	<i>¿Qué idiomas o lenguas habla?</i>	Quechua, Aymara, Guaraní, otro nativo	Castellano, extranjero
Guatemala	<i>Usted habitualmente, ¿qué idioma habla en su casa?</i>	Kaqchiquel, Q'eqchi, K'iche, Mam, Poqomchi', Tzu'utujil, Q'anjob'al, Ch'orti', Pocomam, Achi, Akateko, Awakateko, Chalchiteko, Chuj, Itza', Ixil, Jakatelteko (Popti'), Mopan, Sakapulteko, Sipakapense, Tektiteko, Usapanteko	Español
Mexico	<i>¿Usted habla alguna lengua indígena?</i>	Si	No
Peru	<i>¿Qué idioma o dialecto hablan habitualmente en su hogar?</i>	Quechua, Aymara, otra lengua aborigen	Castellano, idioma extranjero
Indigenous household (IH) / <i>Hogar indígena</i>		IH	Non-IH
Bolivia	<i>Si el jefe del hogar reporta hablar una lengua indígena</i>	Indigenous household: Quechua, Aymara, Guaraní, otro nativo	Non-indigenous household: Castellano, extranjero
Mexico	<i>Si el jefe del hogar reporta hablar una lengua indígena</i>	Indigenous household: Si	Non-indigenous household: No

### S3. Poisson regression model

When the Poisson regression is applied to binomial data, the association between exposure and outcome is estimated by means of prevalence ratios (PR). In cross-sectional studies, a value of one can be attributed to each participant's follow-up time, as a strategy to obtain PR point estimates, since there is no real follow-up for the participants in this type of studies. In our study since our outcomes are coverage indicators defined as binary variables, under the same approach, we obtained the coverage ratios.

With a Poisson model, we can predict a coverage based on the presence or absence of exposures. The Poisson model with an independent variable ( $X_1$ ):

$$\ln(C) = \beta_0 + \beta_1 X_1$$

Where  $\ln(C)$  is the natural logarithm of the coverage or number of events per unit of observation,  $X_1$  adopts the value of zero "0" in the unexposed group (non-indigenous) and the value of 1 in the exposed group (indigenous). With this formula we can estimate the predicted the coverage for each of the exposure groups:

$$\text{Non- Indigenous coverage: } (C_0) \rightarrow \ln(C_0) = \beta_0 + \beta_1 * 0 = \beta_0 \rightarrow C_0 = e^{\beta_0}$$

$$\text{Indigenous rate: } (C_1) \rightarrow \ln(C_1) = \beta_0 + \beta_1 * 1 = \beta_0 + \beta_1 \rightarrow C_1 = e^{(\beta_0 + \beta_1)}$$

The coverage ratio (CR) can be estimated as a ratio of functions having in the numerator the equation for the category of exposure considered and in the denominator the equation corresponding to the reference group (or not exposed). Thus, for example, the CR for a variable  $X_1$  ( $CR_{X_1}$ ) in multiple models would be estimated as follows:

$$RC_{X_1} = \frac{C_{indigenous}(X_1 = 1)}{C_{non-indigenous}(X_1 = 0)} = \frac{e^{\beta_0} e^{\beta_1(X_1=1)} e^{\beta_2 X_2} e^{\beta_3 X_3} \dots e^{\beta_k X_k}}{e^{\beta_0} e^{\beta_1(X_1=0)} e^{\beta_2 X_2} e^{\beta_3 X_3} \dots e^{\beta_k X_k}} = e^{\beta_1}$$

**Table S4. Maternal health care coverage and sociodemographic characteristics (95%CI) according indigenous identification criterion by country**

Bolivia								
Ethnicity Identification criterion (% indigenous women)	Self-identification 63.1%		Spoken indigenous language 37.7%		Indigenous Household 63.2%		Spoken or Self-identification or Indigenous Household 80.25 %	
Coverage maternal healthcare	SI	Non-SI	SIL	Non-SIL	IH	Non-IH	Indigenous	Non-indigenous
Before and during pregnancy								
Contraceptive use	27.29 (25.83;28.79)	47.23 (45.09;49.38)	25.99 (24.11;27.97)	38.31 (36.72;39.92)	25.40 (24.08;26.76)	49.37 (47.28;51.47)	30.33 (28.96;31.75)	51.71 (48.82;54.59)
Antenatal care (skilled provider)	86.53 (85.01;87.91)	96.34 (95.34;97.12)	87.21 (84.95;89.18)	91.40 (90.25;92.42)	86.25 (84.75;87.63)	96.82 (95.89;97.54)	88.43 (87.17;89.58)	97.10 (95.86;97.98)
First antenatal care visit in 1 <sup>st</sup> trimester	65.55 (63.59;67.45)	73.54 (71.43;75.54)	65.22 (62.12;68.20)	70.10 (68.46;71.69)	64.15 (62.22;66.04)	75.63 (73.37;77.75)	67.51 (65.85;69.13)	73.03 (69.72;76.11)
Four or more antenatal care visits	64.98 (62.82;67.08)	85.19 (83.44;86.78)	66.55 (63.37;69.59)	74.94 (73.16;76.64)	64.42 (62.29;66.51)	86.17 (84.46;87.72)	69.01 (67.19;70.78)	86.31 (83.82;88.47)
Birth and postpartum period								
Skilled birth attendant	65.58 (63.47;67.64)	91.22 (89.67;92.55)	65.79 (62.51;68.93)	78.98 (77.25;80.61)	64.95 (62.75;67.10)	92.35 (90.84;93.63)	70.82 (68.93;72.64)	92.14 (90.09;93.79)
Postpartum care	81.26 (79.54;82.87)	94.37 (93.20;95.34)	81.29 (78.53;83.77)	88.14 (86.83;89.34)	80.85 (79.12;82.47)	95.09 (93.98;96.00)	84.03 (82.56;85.40)	94.48 (92.79;95.78)
Sociodemographic characteristics								
Age								
15-19	6.64 (5.76;7.63)	9.69 (8.46;11.08)	7.20 (5.91;8.73)	8.00 (7.16;8.93)	7.23 (6.38;8.19)	8.67 (7.49;10.03)	6.92 (6.17;7.76)	11.17 (9.30;13.37)
20-24	18.83 (17.44;20.30)	25.73 (23.77;27.79)	20.91 (18.87;23.11)	21.57 (20.23;22.97)	20.74 (19.28;22.27)	22.46 (20.62;24.42)	20.18 (18.93;21.49)	26.20 (23.44;29.16)
25-29	25.62 (24.01;27.30)	26.48 (24.22;28.87)	23.80 (21.55;26.22)	26.85 (25.23;28.55)	25.17 (23.64;26.76)	27.26 (25.00;29.65)	25.94 (24.55;27.37)	29.95 (22.83;29.34)
30-34	20.70 (19.23;22.25)	19.39 (17.60;21.32)	20.53 (18.47;22.75)	20.08 (18.67;21.57)	19.56 (18.13;21.08)	21.34 (19.35;23.48)	20.45 (19.11;21.86)	19.26 (16.79;22.01)
35-39	15.99 (14.59;17.49)	12.63 (11.07;14.38)	16.30 (14.37;18.45)	14.09 (12.91;15.35)	15.10 (13.73;16.58)	14.15 (12.44;16.06)	15.51 (14.28;16.83)	11.68 (9.76;13.90)
40-44	9.26 (8.24;10.39)	4.80 (3.91;5.89)	8.66 (7.18;10.41)	7.17 (6.32;8.12)	9.10 (8.07;10.26)	5.06 (4.12;6.21)	8.30 (7.41;9.28)	4.85 (3.72;6.31)
45-49	2.97 (2.42;3.63)	1.27 (0.89;1.83)	2.60 (1.87;3.59)	2.23 (1.80;2.77)	3.09 (2.53;3.78)	1.05 (0.72;1.54)	2.70 (2.24;3.26)	0.88 (0.55;1.41)
Education level								
No education	8.11 (7.06;9.30)	1.56 (1.10;2.19)	6.67 (5.45;8.13)	5.28 (4.46;6.24)	8.51 (7.44;9.71)	0.87 (0.59;1.26)	6.89 (6.02;7.87)	0.84 (0.53;1.33)
Primary	56.99 (54.94;59.02)	38.17 (35.84;40.56)	61.61 (58.74;64.40)	45.12 (43.19;47.05)	59.29 (57.35;61.20)	34.21 (31.86;36.63)	53.36 (51.54;55.16)	36.66 (33.55;39.88)
Secondary	25.59 (23.92;27.34)	40.47 (38.10;42.89)	24.14 (21.62;26.85)	34.04 (32.27;35.87)	24.29 (22.67;26.00)	42.72 (40.33;45.15)	28.37 (26.84;29.96)	42.07 (38.78;45.43)
Higher	9.31 (8.32;10.40)	19.80 (17.69;22.08)	7.59 (6.27;9.15)	15.56 (14.26;16.96)	7.91 (7.03;8.90)	22.20 (19.92;24.67)	11.39 (10.39;12.46)	20.43 (17.57;23.63)
Wealth								
Q1 (poorest)	30.07 (27.77;32.47)	9.99 (8.64;11.51)	31.68 (28.02;35.58)	18.81 (17.27;20.46)	30.70 (28.35;33.14)	8.88 (7.59;10.36)	25.63 (23.65;27.72)	10.62 (8.93;12.58)
Q2	22.81 (21.06;24.66)	14.61 (12.73;16.72)	23.71 (20.96;26.71)	18.11 (16.66;19.65)	23.78 (21.98;25.67)	12.94 (11.26;14.83)	20.91 (19.38;22.52)	15.25 (12.69;18.22)
Q3	22.26 (20.41;24.23)	22.89 (20.76;25.17)	20.83 (18.33;23.58)	23.21 (21.62;24.87)	22.93 (21.10;24.87)	21.74 (19.74;23.89)	22.94 (21.34;24.63)	20.67 (17.91;23.74)
Q4	16.45 (15.03;17.98)	25.82 (23.53;28.26)	15.46 (13.17;18.06)	21.81 (20.30;23.40)	14.96 (13.59;16.43)	28.40 (26.05;30.89)	18.42 (17.07;19.86)	25.94 (22.73;29.42)
Q5 (richest)	8.41 (7.40;9.53)	26.69 (24.25;29.28)	8.32 (6.81;10.13)	18.06 (16.53;19.70)	7.63 (6.67;8.72)	28.03 (25.47;30.75)	12.10 (10.96;13.33)	27.52 (23.98;31.38)
Place of residence								
Urban	46.82 (44.15;49.50)	76.45 (73.89;78.82)	43.74 (39.58;47.99)	63.72 (61.39;66.00)	44.50 (41.80;47.23)	80.46 (78.16;82.58)	52.71 (50.23;55.18)	78.16 (75.03;80.99)
Rural	53.18 (50.50;55.85)	23.55 (21.18;26.11)	56.26 (52.01;60.42)	36.28 (34.00;38.61)	55.50 (52.77;58.20)	19.54 (17.42;21.84)	47.29 (44.82;49.77)	21.84 (19.01;24.97)
Marital status								
No married	13.17 (11.98;14.46)	17.83 (15.97;19.85)	10.43 (8.76;12.38)	16.79 (15.49;18.18)	14.47 (13.20;15.83)	15.60 (13.82;17.57)	13.78 (12.70;14.94)	19.38 (16.51;22.61)
Married or union	86.83 (85.54;88.02)	82.17 (80.15;84.03)	89.57 (87.62;91.24)	83.21 (81.82;84.51)	85.53 (84.17;86.80)	84.40 (82.43;86.18)	86.22 (85.06;87.30)	80.62 (77.39;83.49)
Health insurance								
No	85.61 (84.24;86.88)	73.85 (71.45;76.11)	86.24 (84.04;88.18)	79.15 (77.63;80.59)	86.69 (85.37;87.90)	71.99 (69.71;74.16)	83.82 (82.55;85.01)	70.94 (67.70;73.98)
Yes	14.39 (13.12;15.76)	26.15 (23.89;28.55)	13.76 (11.82;15.96)	20.85 (19.41;22.37)	13.31 (12.10;14.63)	28.01 (25.84;30.29)	16.18 (14.99;17.45)	29.06 (26.02;32.30)
Social program								
No	17.42 (15.85;19.11)	19.84 (17.67;22.20)	14.41 (12.31;16.81)	20.00 (18.40;21.71)	15.18 (13.70;16.79)	23.10 (20.72;25.66)	17.83 (16.43;19.34)	20.38 (17.20;23.98)
Yes	82.58 (80.89;84.15)	80.16 (77.80;82.33)	85.59 (83.19;87.69)	80.00 (78.29;81.60)	84.82 (83.21;86.30)	76.90 (74.34;79.28)	82.17 (80.66;83.57)	79.62 (76.02;82.80)

SI: Self-identification, SIL: Spoken indigenous language, IH: Indigenous household

Guatemala						
Ethnicity Identification criteria (% indigenous women)	Self-identification 49.7%		Spoken indigenous language 28.2%		Spoken or Self-identification 50.1%	
Coverage maternal healthcare	SI	Non-SI	SIL	Non-SIL	Indigenous	Non-indigenous
<b>Before and during pregnancy</b>						
Contraceptive use	40.24 (37.97;42.55)	59.69 (57.77;61.58)	31.44 (28.66;34.36)	57.53 (55.86;59.18)	40.11 (37.85;42.42)	59.98 (58.06;61.88)
Antenatal care (skilled provider)	88.82 (87.14;90.31)	93.78 (92.83;94.61)	86.15 (83.57;88.39)	93.35 (92.46;94.14)	88.82 (87.14;90.31)	93.82 (92.87;94.66)
First antenatal care visit in 1 <sup>st</sup> trimester	64.45 (62.56;66.30)	76.87 (75.16;78.51)	60.34 (57.93;62.70)	74.78 (73.27;76.24)	64.44 (62.54;66.29)	76.98 (75.26;78.60)
Four or more antenatal care visits	84.56 (82.99;86.01)	87.84 (86.52;89.05)	83.64 (81.48;85.60)	87.22 (86.04;88.31)	84.58 (83.02;86.02)	87.85 (86.52;89.06)
<b>Birth and postpartum period</b>						
Skilled birth attendant	56.87 (53.88;59.80)	86.74 (85.05;88.26)	40.47 (36.88;44.17)	84.05 (82.49;85.50)	56.71 (53.71;59.65)	87.13 (85.46;88.63)
<b>Sociodemographic characteristics</b>						
<b>Age</b>						
15-19	9.78 (8.84;10.80)	9.68 (8.73;10.72)	10.95 (9.69;12.36)	9.25 (8.46;10.10)	9.80 (8.87;10.82)	9.65 (8.70;10.70)
20-24	25.80 (24.24;27.43)	27.63 (26.13;29.17)	24.66 (22.62;26.81)	27.53 (26.24;28.87)	25.92 (24.34;27.56)	27.53 (26.04;29.06)
25-29	24.27 (22.94;25.64)	26.63 (25.23;28.09)	22.65 (20.94;24.47)	26.56 (25.34;27.82)	24.31 (22.98;25.70)	26.61 (25.19;28.07)
30-34	19.31 (18.10;20.58)	20.46 (19.20;21.78)	18.97 (17.41;20.64)	20.25 (19.20;21.34)	19.24 (18.04;20.51)	20.54 (19.27;21.86)
35-39	13.18 (12.21;14.20)	9.86 (9.00;10.80)	14.04 (12.79;15.38)	10.52 (9.75;11.34)	13.10 (12.14;14.13)	9.91 (9.04;10.86)
40-44	6.06 (5.36;6.84)	4.71 (4.03;5.50)	6.62 (5.70;7.67)	4.90 (4.34;5.52)	6.03 (5.33;6.81)	4.73 (4.04;5.52)
45-49	1.60 (1.25;2.05)	1.03 (0.75;1.42)	2.11 (1.57;2.83)	1.00 (0.77;1.30)	1.59 (1.24;2.04)	1.04 (0.75;1.43)
<b>Education level</b>						
No education	24.67 (22.74;26.70)	9.89 (8.75;11.16)	33.94 (31.35;36.63)	10.67 (9.63;11.81)	24.71 (22.79;26.74)	9.73 (8.60;10.99)
Primary	54.72 (52.78;56.65)	48.01 (45.91;50.12)	56.04 (53.32;58.72)	49.50 (47.81;51.19)	54.81 (52.89;56.72)	47.87 (45.75;50.00)
Secondary	18.75 (17.04;20.59)	35.77 (33.68;37.92)	9.76 (8.05;11.80)	34.21 (32.49;35.96)	18.63 (16.93;20.46)	36.02 (33.92;38.18)
Higher	1.86 (1.43;2.42)	6.33 (5.48;7.30)	0.26 (0.13;0.54)	5.62 (4.95;6.38)	1.85 (1.42;2.40)	6.38 (5.52;7.36)
<b>Wealth</b>						
Q1 (poorest)	34.74 (31.78;37.83)	13.58 (11.94;15.41)	50.65 (46.71;54.59)	13.66 (12.18;15.29)	34.86 (31.90;37.95)	13.30 (11.66;15.14)
Q2	25.30 (23.29;27.42)	17.53 (16.05;19.12)	29.07 (26.47;31.81)	18.37 (17.02;19.81)	25.27 (23.27;27.40)	17.49 (16.00;19.10)
Q3	19.02 (17.25;20.92)	21.29 (19.70;22.98)	14.40 (12.23;16.89)	22.42 (20.94;23.98)	19.05 (17.26;20.97)	21.28 (19.68;22.97)
Q4	13.17 (11.64;14.86)	24.83 (23.01;26.75)	4.66 (3.70;5.86)	24.68 (23.12;26.31)	13.08 (11.57;14.77)	25.00 (23.17;26.93)
Q5 (richest)	7.78 (6.57;9.18)	22.76 (20.86;24.78)	1.21 (0.78;1.88)	20.86 (19.19;22.63)	7.73 (6.53;9.13)	22.92 (21.01;24.96)
<b>Place of residence</b>						
Urban	29.83 (26.80;33.05)	45.92 (43.09;48.77)	18.45 (14.58;23.08)	45.57 (43.09;48.07)	29.67 (26.66;32.88)	46.20 (43.35;49.07)
Rural	70.17 (66.95;73.20)	54.08 (51.23;56.91)	81.55 (76.92;85.42)	54.43 (51.93;56.91)	70.33 (67.12;73.34)	53.80 (50.93;56.65)
<b>Marital status</b>						
No married	11.59 (10.54;12.73)	16.44 (15.23;17.72)	9.14 (7.81;10.67)	15.95 (14.94;17.02)	11.58 (10.54;12.71)	16.49 (15.27;17.77)
Married or union	88.41 (87.27;89.46)	83.56 (82.28;84.77)	90.86 (89.33;92.19)	84.05 (82.98;85.06)	88.42 (87.29;89.46)	83.51 (82.23;84.73)
<b>Health insurance</b>						
No	92.98 (91.89;93.93)	81.55 (79.73;83.25)	97.81 (97.02;98.39)	83.08 (81.64;84.43)	93.03 (91.95;93.98)	81.42 (79.58;83.12)
Yes	7.02 (6.07;8.11)	18.45 (16.75;20.27)	2.19 (1.61;2.98)	16.92 (15.57;18.36)	6.97 (6.02;8.05)	18.58 (16.88;20.42)

SI: Self-identification, SIL: Spoken indigenous language, IH: Indigenous household

Mexico									
Ethnicity Identification criteria (% indigenous women)	Self-identification 29.7%		Spoken indigenous language 6.9%		Indigenous Household	8.5%	Spoken or Self-identification or Indigenous Household		31.9%
	SI	Non-SI	SIL	Non-SIL			Indigenous	Non-indigenous	
<b>Coverage maternal healthcare</b>									
<b>Before and during pregnancy</b>									
Contraceptive use	64.61 (61.06;68.01)	69.22 (65.98;72.27)	57.03 (48.82;64.88)	68.72 (65.97;71.35)	60.90 (54.47;66.97)	68.55 (65.76;71.21)	65.48 (61.93;68.87)	68.98 (65.67;72.11)	
Antenatal care (skilled provider)	96.32 (92.68;98.19)	99.06 (98.53;99.40)	91.41 (81.66;96.22)	98.65 (97.66;99.23)	92.97 (84.73;96.93)	98.64 (97.63;99.22)	96.43 (93.07;98.19)	98.97 (98.25;99.39)	
First antenatal care visit in 1 <sup>st</sup> trimester	81.33 (76.31;85.48)	84.49 (81.19;87.29)	75.93 (68.56;82.03)	84.06 (81.20;86.56)	75.49 (67.06;82.33)	84.26 (81.30;86.83)	80.85 (76.19;84.79)	84.79 (81.23;87.77)	
Four or more antenatal care visits	91.38 (87.61;94.09)	95.72 (94.16;96.88)	78.80 (68.54;86.39)	95.45 (94.04;96.55)	82.28 (73.25;88.73)	95.44 (94.06;96.51)	90.81 (87.29;93.42)	95.96 (94.53;97.03)	
<b>Birth and postpartum period</b>									
Skilled birth attendant	94.72 (91.65;96.70)	99.09 (98.62;99.40)	84.00 (74.69;90.33)	98.74 (97.82;99.28)	87.92 (79.77;93.07)	98.65 (97.70;99.21)	94.94 (92.05;96.82)	99.04 (98.46;99.41)	
Postpartum care	93.85 (91.20;95.74)	96.74 (95.53;97.63)	86.51 (78.53;91.83)	96.59 (95.57;97.38)	89.56 (82.24;94.08)	96.49 (95.45;97.30)	93.98 (91.33;95.86)	96.79 (95.62;97.66)	
<b>Sociodemographic characteristics</b>									
<b>Age</b>									
15-19	12.41 (9.25;16.43)	13.58 (11.18;16.39)	9.25 (6.31;13.37)	13.52 (11.47;15.86)	11.17 (7.77;15.81)	13.41 (11.34;15.79)	12.50 (9.48;16.31)	13.56 (11.11;16.45)	
20-24	32.34 (27.70;37.35)	33.71 (29.43;38.29)	30.28 (23.18;38.46)	33.48 (29.83;37.35)	36.68 (25.89;49.00)	32.94 (29.41;36.66)	34.14 (28.76;39.97)	32.84 (28.68;37.28)	
25-29	24.98 (20.70;29.82)	23.10 (20.06;26.45)	19.87 (14.55;26.54)	23.94 (21.31;26.78)	19.20 (13.92;25.89)	24.07 (21.41;26.94)	24.31 (20.10;29.07)	23.35 (20.27;26.74)	
30-34	16.89 (13.59;20.80)	16.48 (13.98;19.32)	23.34 (16.33;32.21)	16.06 (14.08;18.26)	14.97 (10.24;21.35)	16.72 (14.64;19.04)	16.09 (12.93;19.86)	16.80 (14.25;19.70)	
35-39	8.34 (6.07;11.35)	9.58 (6.63;13.65)	8.59 (4.97;14.46)	9.32 (6.94;12.42)	11.12 (6.30;18.88)	9.10 (6.72;12.21)	8.27 (6.08;11.15)	9.74 (6.73;13.90)	
40-44	4.23 (2.42;7.28)	3.47 (2.16;5.52)	7.51 (3.99;13.71)	3.45 (2.29;5.16)	5.92 (2.97;11.43)	3.52 (2.35;5.26)	3.92 (2.24;6.78)	3.63 (2.29;5.73)	
45-49	0.82 (0.32;2.05)	0.07 (0.02;0.24)	1.15 (0.43;3.02)	0.23 (0.08;0.63)	0.94 (0.35;2.50)	0.23 (0.09;0.64)	0.76 (0.30;1.91)	0.08 (0.02;0.25)	
<b>Education level</b>									
No education	2.83 (1.69;4.71)	0.99 (0.63;1.56)	5.66 (3.03;10.36)	1.30 (0.84;1.99)	5.31 (2.88;9.62)	1.25 (0.80;1.94)	2.86 (1.74;4.66)	1.01 (0.58;1.73)	
Primary	25.44 (20.88;30.61)	13.33 (10.80;16.33)	44.17 (35.90;52.76)	14.88 (12.54;17.56)	33.42 (24.14;44.20)	15.34 (12.92;18.12)	24.98 (20.46;30.12)	13.09 (10.54;16.13)	
Secondary	43.46 (38.10;48.97)	40.42 (36.19;44.79)	35.20 (27.66;43.56)	41.83 (38.20;45.54)	44.19 (32.86;56.16)	41.12 (37.53;44.81)	43.83 (38.28;49.54)	40.24 (36.04;44.59)	
Higher	28.27 (23.45;33.65)	45.27 (40.90;49.71)	14.97 (8.61;24.75)	41.99 (38.16;45.92)	17.07 (11.65;24.31)	42.29 (38.44;46.23)	28.33 (23.59;33.60)	45.67 (41.32;50.08)	
<b>Wealth</b>									
Q1 (poorest)	45.80 (40.18;51.52)	14.85 (12.35;17.77)	70.48 (59.22;79.70)	20.69 (17.77;23.95)	62.04 (47.56;74.65)	20.58 (17.65;23.85)	44.34 (38.54;50.29)	14.64 (12.02;17.71)	
Q2	25.93 (21.57;30.82)	29.48 (25.67;33.60)	19.38 (11.94;29.88)	29.09 (25.89;32.51)	18.43 (12.36;26.58)	29.35 (26.10;32.82)	25.83 (21.67;30.49)	29.62 (25.66;33.92)	
Q3	15.34 (11.70;19.86)	23.47 (19.74;27.66)	5.50 (2.99;9.89)	22.23 (19.12;25.69)	15.63 (5.75;36.00)	21.59 (18.58;24.94)	16.79 (12.21;22.64)	23.10 (19.41;27.24)	
Q4	8.64 (6.06;12.18)	18.71 (15.87;21.92)	3.36 (1.45;7.59)	16.56 (14.29;19.11)	3.65 (1.84;7.10)	16.77 (14.48;19.35)	16.77 (6.41;12.14)	18.83 (15.95;22.11)	
Q5 (richest)	4.30 (2.92;6.29)	13.49 (10.30;17.47)	1.28 (0.49;3.31)	11.43 (8.98;14.44)	0.25 (0.03;1.77)	11.71 (9.22;14.77)	4.18 (2.87;6.05)	13.81 (10.55;17.86)	
<b>Place of residence</b>									
Urban	59.05 (53.07;64.77)	81.54 (77.17;85.23)	43.47 (30.01;57.96)	77.11 (72.71;80.98)	50.19 (36.35;63.99)	77.08 (72.66;80.97)	60.53 (54.42;66.32)	81.47 (76.98;85.24)	
Rural	40.95 (35.23;46.93)	18.46 (14.77;22.83)	56.53 (42.04;69.99)	22.89 (19.02;27.29)	49.81 (36.01;63.65)	22.92 (19.03;27.34)	39.47 (33.68;45.58)	18.53 (14.76;23.02)	
<b>Marital status</b>									
No married	17.01 (13.59;21.08)	20.28 (17.16;23.80)	12.57 (7.71;19.84)	19.83 (17.23;22.72)	13.77 (8.68;21.15)	19.85 (17.23;22.75)	16.81 (13.48;20.77)	20.51 (17.34;24.08)	
Married or union	82.99 (78.92;86.41)	79.72 (76.20;82.84)	87.43 (80.16;92.29)	80.17 (77.28;82.77)	86.23 (78.85;91.32)	80.15 (77.25;82.77)	83.19 (79.23;86.52)	79.49 (75.92;82.66)	
<b>Health insurance</b>									
No	9.76 (6.18;15.08)	10.67 (8.50;13.31)	7.33 (4.49;11.73)	10.65 (8.67;13.02)	6.59 (3.94;10.82)	10.78 (8.77;13.19)	9.44 (6.05;14.45)	10.88 (8.63;13.63)	
Yes	90.24 (84.92;93.82)	89.33 (86.69;91.50)	92.67 (88.27;95.51)	89.35 (86.98;91.33)	93.41 (89.18;96.06)	89.22 (86.81;91.23)	90.56 (85.55;93.95)	89.12 (86.37;91.37)	
<b>Social program</b>									
No	68.18 (63.05;72.91)	83.22 (80.01;85.99)	50.19 (39.48;60.88)	80.84 (77.94;83.43)	56.85 (45.24;67.76)	80.76 (77.81;83.40)	69.44 (64.31;74.13)	83.07 (79.79;85.91)	
Yes	31.82 (27.09;36.95)	16.78 (14.01;19.99)	49.81 (39.12;60.52)	19.16 (16.57;22.06)	43.15 (32.24;54.76)	19.24 (16.60;22.19)	30.56 (25.87;35.69)	16.93 (14.09;20.21)	

SI: Self-identification, SIL: Spoken indigenous language, IH: Indigenous household

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Ethnicity Identification criteria (% indigenous women)	Self-identification 34.0%		Spoken indigenous language 6.3%		Spoken or Self-identification 34.3%	
Coverage maternal healthcare	SI	Non-SI	SIL	Non-SIL	Indigenous	Non-indigenous
<b>Before and during pregnancy</b>						
Contraceptive use	50.16 (48.38;51.95)	56.49 (54.96;58.00)	37.56 (34.68;40.54)	55.53 (54.29;56.77)	50.12 (48.34;51.90)	56.54 (55.01;58.06)
Antenatal care (skilled provider)	96.97 (96.04;97.68)	97.86 (97.36;98.26)	89.36 (84.80;92.68)	98.10 (97.70;98.43)	96.78 (95.73;97.58)	97.96 (97.48;98.35)
First antenatal care visit in 1 <sup>st</sup> trimester	76.62 (75.13;78.04)	83.55 (82.60;84.46)	69.35 (66.20;72.32)	81.98 (81.16;82.77)	76.60 (75.13;78.01)	83.60 (82.65;84.50)
Four or more antenatal care visits	95.24 (94.39;95.97)	96.68 (96.16;97.13)	90.94 (88.56;92.85)	96.54 (96.09;96.94)	95.24 (94.39;95.96)	96.68 (96.16;97.14)
<b>Birth and postpartum period</b>						
Skilled birth attendant	93.26 (92.00;94.34)	94.11 (93.17;94.92)	79.79 (74.39;84.29)	94.76 (94.01;95.41)	92.96 (91.58;94.14)	94.27 (93.34;95.07)
Postpartum care	97.24 (96.45;97.86)	97.58 (96.92;98.10)	90.46 (86.55;93.32)	97.93 (97.42;98.34)	97.12 (96.23;97.80)	97.65 (96.99;98.16)
<b>Sociodemographic characteristics</b>						
<b>Age</b>						
15-19	5.44 (4.81;6.14)	5.04 (4.53;5.60)	8.65 (7.11;10.47)	4.94 (4.54;5.38)	5.60 (4.96;6.32)	4.95 (4.45;5.50)
20-24	18.89 (17.73;20.10)	19.07 (18.14;20.04)	21.70 (19.13;24.50)	18.83 (18.06;19.62)	18.94 (17.77;20.16)	19.04 (18.11;20.01)
25-29	23.46 (22.16;24.82)	23.50 (22.44;24.60)	20.62 (18.37;23.08)	23.68 (22.80;24.58)	23.36 (22.06;24.70)	23.56 (22.49;24.66)
30-34	24.15 (22.69;25.67)	22.75 (21.66;23.89)	16.86 (14.73;19.23)	23.65 (22.72;24.61)	24.02 (22.57;25.53)	22.81 (21.71;23.95)
35-39	16.19 (15.06;17.39)	18.26 (17.20;19.37)	17.10 (15.14;19.26)	17.59 (16.74;18.47)	16.23 (15.10;17.42)	18.25 (17.19;19.36)
40-44	9.47 (8.57;10.45)	9.05 (8.34;9.81)	11.57 (9.84;13.56)	9.03 (8.45;9.66)	9.46 (8.57;10.44)	9.05 (8.34;9.82)
45-49	2.41 (1.98;2.92)	2.33 (1.95;2.77)	3.50 (2.46;4.96)	2.28 (1.97;2.62)	2.40 (1.97;2.91)	2.33 (1.95;2.78)
<b>Education level</b>						
No education	2.51 (2.08;3.03)	1.03 (0.81;1.31)	6.76 (5.22;8.71)	1.19 (0.99;1.41)	2.60 (2.15;3.13)	0.98 (0.76;1.25)
Primary	24.20 (22.80;25.66)	18.64 (17.31;20.04)	54.34 (51.25;57.40)	18.27 (17.23;19.36)	24.39 (22.99;25.86)	18.50 (17.18;19.91)
Secondary	49.82 (48.06;51.58)	45.26 (43.75;46.77)	34.59 (31.48;37.84)	47.62 (46.35;48.90)	49.70 (47.93;51.47)	45.30 (43.79;46.81)
Higher	23.47 (21.88;25.13)	35.08 (33.41;36.77)	4.31 (3.08;6.00)	32.92 (31.57;34.30)	23.31 (21.73;24.97)	35.22 (33.55;36.93)
<b>Wealth</b>						
Q1 (poorest)	28.18 (26.28;30.15)	16.86 (15.30;18.55)	76.25 (72.50;79.64)	17.00 (15.80;18.27)	28.58 (26.65;30.60)	16.59 (15.02;18.29)
Q2	28.22 (26.47;30.03)	20.86 (19.52;22.27)	17.67 (14.96;20.76)	23.74 (22.52;25.01)	28.01 (26.27;29.82)	20.93 (19.59;22.34)
Q3	20.33 (18.83;21.91)	21.78 (20.53;23.09)	3.98 (2.48;6.33)	22.44 (21.37;23.55)	20.29 (18.81;21.86)	21.81 (20.56;23.12)
Q4	14.47 (13.12;15.93)	20.42 (19.18;21.71)	1.27 (0.63;2.52)	19.54 (18.49;20.63)	14.39 (13.05;15.84)	20.49 (19.25;21.79)
Q5 (richest)	8.81 (7.54;10.27)	20.08 (18.37;21.89)	0.83 (0.28;2.43)	17.28 (15.87;18.78)	8.73 (7.47;10.18)	20.18 (18.47;22.00)
<b>Place of residence</b>						
Urban	64.02 (61.74;66.23)	79.67 (77.73;81.48)	19.38 (15.93;23.36)	78.02 (76.58;79.39)	63.68 (61.38;65.91)	79.93 (77.97;81.75)
Rural	35.98 (33.77;38.26)	20.33 (18.52;22.27)	80.62 (76.64;84.07)	21.98 (20.61;23.42)	36.32 (34.09;38.62)	20.07 (18.25;22.03)
<b>Marital status</b>						
No married	13.01 (12.00;14.10)	16.70 (15.73;17.71)	12.76 (10.86;14.95)	15.62 (14.87;16.41)	13.09 (12.08;14.18)	16.67 (15.70;17.69)
Married or union	86.99 (85.90;88.00)	83.30 (82.29;84.27)	87.24 (85.05;89.14)	84.38 (83.59;85.13)	86.91 (85.82;87.92)	83.33 (82.31;84.30)
<b>Health insurance</b>						
No	14.94 (13.77;16.19)	16.07 (15.07;17.11)	8.45 (6.41;11.06)	16.17 (15.35;17.02)	14.99 (13.81;16.24)	16.05 (15.05;17.10)
Yes	85.06 (83.81;86.23)	83.93 (82.89;84.93)	91.55 (88.94;93.59)	83.83 (82.98;84.65)	85.01 (83.76;86.19)	83.95 (82.90;84.95)
<b>Social program</b>						
No	81.50 (79.94;82.97)	89.22 (87.95;90.37)	51.81 (47.54;56.04)	88.92 (87.93;89.83)	81.28 (79.68;82.77)	89.38 (88.10;90.53)
Yes	18.50 (17.03;20.06)	10.78 (9.63;12.05)	48.19 (43.96;52.46)	11.08 (10.17;12.07)	18.72 (17.23;20.32)	10.62 (9.47;11.90)

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