

Additional file 1

COVID-19 disruptions to maternal, child and adolescent health services in Latin America and the Caribbean

This appendix shows the impact (positive, neutral or negative) of the indicators after the outbreak of the Covid-19 pandemic. The analysis is available in the report.

Covid-19 pandemic and policies impact*

	Argentina	Brazil	Chile	Colombia	Dominican Republic	Ecuador	Guatemala	Mexico	Peru	Suriname
Antenatal service use and attendance										
In-person antenatal appointment	-			-	-	-		-	-	-
Ultrasound scans	-		-	-	-	-	-	-	-	-
Emergency / unplanned hospital attendances or admissions rate	-	-		-	-	-		-	-	-
Antenatal classes (in-person or remote)	✓	-	✓	-	✓	-	-	✓	-	-
Reproductive choice: termination rates	✓	-		✓	-	-		-	✗	✗
Oral contraceptive use			-							

- There was no sufficient information available during the research period for the analysis.

✓ Existing plan or mitigation measure ✗ Absence of plan or mitigation measure

 - Negative Impact  - Neutral Impact  - Positive Impact

Covid-19 pandemic and policies impact*

	Argentina	Brazil	Chile	Colombia	Dominican Republic	Ecuador	Guatemala	Mexico	Peru	Suriname
Antenatal screening and monitoring										
Number of pregnant women tested for HIV infection (e.g., HIV, hepatitis)	-	-	-							-
Number of pregnant women living with HIV who have received antiretroviral medicine to reduce the risk of mother-to-child transmission of HIV		-	-							-
Mental health support (including effects from covid e.g., loss income)	✓	✓	✗	-	✓	✓	✓	✓	-	-
Antenatal lifestyle and nutritional support and advice										
Health diet advice: food safety and nutrition		✓	✓	-		-	✓		✓	✓
Smoking, alcohol and substance advice	✓	✓	✓	-	-	✓	✓	✓	-	-
Provision of supplements, e.g., folic acid, vitamin D, iron	-	✓	✓	-		✓		✓	-	-

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 - Negative Impact  - Neutral Impact  - Positive Impact

Covid-19 pandemic and policies impact*

	Argentina	Brazil	Chile	Colombia	Dominican Republic	Ecuador	Guatemala	Mexico	Peru	Suriname
Intrapartum indicators										
Caesareans rates	-	-	 Emergency caesareans rate	-	-	-	-	-	-	-
Maternal birth choice available e.g.: birth partner(s) present, location of birth (e.g., home, water etc.)	-	-	✓	✓	-	✓	-	✓	✓	-
Neonatal special care admission/intensive care admissions/duration of admission	-	-		-	-	-	-	-	-	-
Early initiation of breastfeeding of new-borns	-	-	-	-	-	-				-

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 - Negative Impact  - Neutral Impact  - Positive Impact

Covid-19 pandemic and policies impact*

	Argentina	Brazil	Chile	Colombia	Dominican Republic	Ecuador	Guatemala	Mexico	Peru	Suriname
Intrapartum indicators										
Postnatal care for women	-	-	●	-	-	-	●	-	-	-
Postnatal care for new-borns	-	-	●	-	-	-	-	-	-	-
Coverage of kangaroo mother care for low-birth weight new-borns	-	-	✓	-	-	-	-	-	-	-
Violence against women and children reported to a health facility	●	●	●	-	-	-	-	●	-	-
In-person home visit	-	-	✓	-	-	-	-	●	-	-
Number of children screened for severe wasting and bilateral pitting oedema	-	-	●	-	-	-	●	-	-	-

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● - Negative Impact ● - Neutral Impact ● - Positive Impact

Covid-19 pandemic and policies impact*

	Argentina	Brazil	Chile	Colombia	Dominican Republic	Ecuador	Guatemala	Mexico	Peru	Suriname
Immunizations										
MCV1 (Measles containing vaccine first dose immunisation coverage)										
DTP3 (Diphtheria-tetanus-pertussis)										
HPV (population who received the last dose)							-		-	
Child health and development checks										
Number of maternal and infant consultations by child health workers	-	-		-	-	-	-	-	-	-
Replacement of child health checks with virtual or parent monitoring	✓	✓	✗	-	-	-	✓	-	-	-
Treatment for children with diarrhoea	-	-	-	-	-	-		-	-	-
Treatment for children with Malaria	-	-	-	-	-	-		-	-	-

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 - Negative Impact  - Neutral Impact  - Positive Impact

Covid-19 pandemic and policies impact*

	Argentina	Brazil	Chile	Colombia	Dominican Republic	Ecuador	Guatemala	Mexico	Peru	Suriname
Child/adolescent nutrition and oral health										
Nutritionist assessments of malnutrition	-	-	-	-		-		-	-	-
Specific food provision/support programs for deprivation	✓	✓	✓	✓	-	-	✓	✓	-	✓
Infection prevention (including sexual health)										
Health promotion, educational programs	✓	✓	✓	✓	✓	-	-	✓	✓	✓
Contraception access					-				-	-
Other healthcare services										
Hospital beds available	-	-		-	-	-	-		-	-
Prescriptions/drug access	✓	✓			✓	✓		✓	-	
Waiting list numbers	-	-		-	-	-	-	-	-	-

- There was no sufficient information available during the research period for the analysis.

✓ Existing plan or mitigation measure ✕ Absence of plan or mitigation measure

- Negative Impact - Neutral Impact - Positive Impact

Covid-19 pandemic and policies impact*

	Argentina	Brazil	Chile	Colombia	Dominican Republic	Ecuador	Guatemala	Mexico	Peru	Suriname
Mortality Rates										
Maternal	-	-	-	-	-	-	-		-	-
Fetal (miscarriage and stillbirth)	-	-	-		-			-	-	-
Neonatal										
Child (Under five)										
Infant (Under one)					-					
Other outcomes										
Low birth weight (<2500 g)	-	-		-	-	-	-	-	-	-
Measles cases	-	-	-	-					-	

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 - Negative Impact  - Neutral Impact  - Positive Impact

Covid-19 pandemic and policies impact*

	Argentina	Brazil	Chile	Colombia	Dominican Republic	Ecuador	Guatemala	Mexico	Peru	Suriname
Covid-19 mitigations										
Provision of telehealth/virtual appointments/online support platforms for all maternal, child and adolescent health	✓	✓	✓	✓	✓	✓	✓	✓	✓	×
Additional staffing/hiring	-	✓	✓	✓	×	✓	✓	✓	-	×
Redirection of services (including more home-based, or paediatricians reallocated to adult care)	✓	-	✓	-	✓	-	-	-	-	-
Restricting or prioritising in-person appointments	✓	✓	✓	-	✓	-	✓	✓	-	-
Emergency funding allocation	✓	✓	✓	✓	✓	✓	✓	✓	-	×

- There was no sufficient information available during the research period for the analysis.

✓ Existing plan or mitigation measure × Absence of plan or mitigation measure

References

The analysis was based on information made available by: National governments; Health and Social Affairs Ministries; Social Security Institutes; Statistic Institutes; Government portals for official COVID-19 information; UNICEF Delivery Care Data; UNICEF Data Warehouse; UNICEF Antenatal Care Data: Maternal and Newborn Health Coverage Database; World Health Organization: Maternal, Newborn, Child, and Adolescent Health and Ageing Data Portal; OECD Stats; United Nations Population Division Data Portal; Global AIDS Monitoring; UNICEF HIV/AIDS Database; PAHO Databases; UNICEF Immunization coverage; WHO The Global Health Observatory; WHO Vaccine-Preventable Diseases Monitoring System; UN IGME; and peer-reviewed literature in each market of focus. Full references are available upon request.