

Supplementary Table 1: Influence of the COVID-19 pandemic on utilization of primary maternal and child health services in sub-Saharan Africa

Author, year, Country	ANC visits	Facility delivery	Postpartum care	Childhood vaccination	Services for other childhood diseases
Mariama Baissa al., 2021, Niger	<p>Decline in antenatal care visits (for 10 health centers) in quarter 2 2020 compared to quarter 2 2019.</p> <ul style="list-style-type: none"> Varied from -131 to -2191 women from a health center to another (for 10 health centers) [p value not reported] <p>Increase in antenatal care visits (for 7 health centers) in quarter 2 2020 compared to quarter 2 2019.</p> <ul style="list-style-type: none"> Up to 30% [p value not reported] 	[Not reported]	[Not reported]	<p>Decline in vaccination</p> <ul style="list-style-type: none"> -49% (95% CI: -58% to -40%) of children vaccinated with pentavalent 1 over the first 6 months of 2020, compared to 2019 [p value not reported] -48% (95% CI: -57% to -39%) for pentavalent 2 over the first 6 months of 2020, compared to 2019 [p value not reported] -35% (95% CI: -44% to -26%) for measles vaccine over the first 6 months of 2020, compared to 2019 <p>-80% in health centers of Niamey districts 2 and 5 in quarter 2 2020 compared to quarter 2 2019. [p value not reported]</p>	[Not reported]

Ayele et al., 2021, Ethiopia	<p>Decline in antenatal care visits in April-June 2020 compared to December 2019 - February 2020</p> <ul style="list-style-type: none"> • -1.1 visits (95% CI: -7.2 to 5.0; p=0.6841) on average per health center for ANC1 • -4.6 visits (95% CI: -20.3 to 11.2; p= 0.5233) on average per health center for ANC4 	<p>Increase in facility deliveries in April-June 2020 compared to December 2019 - February 2020</p> <ul style="list-style-type: none"> • 4 health center-based deliveries (95% CI: -1.5 to 9.5; p=0.1347) on average per health center 	[Not reported]	<p>Decline in vaccination in April-June 2020 compared to December 2019 - February 2020</p> <ul style="list-style-type: none"> • -4,9 children (95% CI: -3.8 to 13.6; p=0.2320) on average per health center for pentavalent 1 • -1 child (95% IC: -9.6 to 7.6; p= 0.7498) on average per health center for pentavalent 4 	<p>Decline in pneumonia cases presenting at health centers in April-June 2020 compared to December 2019 - February 2020</p> <ul style="list-style-type: none"> • -22.6 cases (95% IC: -43.9 to 1.2; p=0.0407) on average per health center
Kouyaté et al., 2021, Guinea	<p>Decline in antenatal care visits in March 2020 as compared to the monthly mean number of the March 2019 – February 2020 period</p> <ul style="list-style-type: none"> • -702 women (95% CI: -885 to -520; p = 0.001) attending ANC1 in associative health centers • -64 women (95% CI: -137 to 9; p = 0.082) attending ANC1 in public health centers • $\beta = -1.015$ (95% CI: -1.146 à -883; p = 0.001) as immediate effect for ANC4 in associative health centers 	<p>Decline in facility deliveries for associative health centers in March 2020 as compared to the monthly mean number of the March 2019 – February 2020 period</p> <ul style="list-style-type: none"> • -596 women (95% CI: -677 to -516 ; p = 0.001) giving birth in health centers <p>Increase in facility deliveries for public health centers in March 2020 as compared to the</p>	[Not reported]	[Not reported]	[Not reported]

- $\beta = -794$ (95% CI: -909 to -678 ; $p = 0.001$) as immediate effect for ANC4 in public health centers
- monthly mean number of the March 2019 – February 2020 period
- 36 women (95% CI: -56 à 133 ; $p = 0.413$) giving birth in health centers

Henrique et al., 2021, Mozambique

Decline in antenatal care visits (1st visits) in March-May 2020 compared to March-May 2019:

- -4% [p value not reported]
- -12% [p value not reported] for ANC 1 occurring over the 1st trimester of pregnancy

Increase in antenatal care visits (4th visits) in March-May 2020 compared to March-May 2019:

- 125% [p value not reported]

[Not reported]

Decline in postpartum visits in March-May 2020 compared to March-May 2019

- -1% (from 2795 to 2761) [p value not reported]

Decline in vaccination in March-May 2020 compared to March-May 2019

- -2% [p value not reported] of children who received at least a vaccine dose in 25 September health center
- -20% ($p=0.197$) of children who received at least a vaccine dose in Marrere health center
- -16% [p value not reported] of children who received complete vaccine doses in 25 September health center
- -18% ($p=0.544$) of children who received complete vaccine doses in Marrere health center

[Not reported]