

## Appendix -1

## Summary of DHIS2 data quality 2017-2020 using tracer indicators (ANC, delivery, vaccination and OPD)

Country	Data quality metric	2017	2018	2019	2020
Burkina Faso	% of expected monthly facility reports (mean, national) *	97	98	81	93
Burkina Faso	% of districts with completeness of facility reporting $\geq 90\%$ *	90	93	53	79
Burkina Faso	% of districts with no missing monthly values in the year *	100	100	100	100
Burkina Faso	% of monthly values that are not extreme outliers (mean, national) *	100	100	78	100
Burkina Faso	% of districts with no extreme outliers in the year *	100	100	46	95
Burkina Faso	% of districts with ANC1-penta1 ratio between 1.0 and 1.5	63	67	51	60
Burkina Faso	% of districts with penta1-penta3 ratio between 1.0 and 1.5	66	90	66	90
<b>Burkina Faso</b>	<b>Annual data quality score (mean, %)</b>	<b>88</b>	<b>93</b>	<b>68</b>	<b>88</b>
Cote d'Ivoire	% of expected monthly facility reports (mean, national) *	90	94	97	98
Cote d'Ivoire	% of districts with completeness of facility reporting $\geq 90\%$ *	59	88	96	98
Cote d'Ivoire	% of districts with no missing monthly values in the year *	98	99	99	69
Cote d'Ivoire	% of monthly values that are not extreme outliers (mean, national) *	99	100	99	100
Cote d'Ivoire	% of districts with no extreme outliers in the year *	94	97	97	98
Cote d'Ivoire	% of districts with ANC1-penta1 ratio between 1.0 and 1.5	51	44	36	18
Cote d'Ivoire	% of districts with penta1-penta3 ratio between 1.0 and 1.5	74	79	90	91
<b>Cote d'Ivoire</b>	<b>Annual data quality score (mean, %)</b>	<b>81</b>	<b>86</b>	<b>88</b>	<b>82</b>
Ethiopia	% of expected monthly facility reports (mean, national) *	-	-	84	81
Ethiopia	% of districts with completeness of facility reporting $\geq 90\%$ *	-	-	94	94
Ethiopia	% of districts with no missing monthly values in the year *	-	-	100	100
Ethiopia	% of monthly values that are not extreme outliers (mean, national) *	-	-	94	94
Ethiopia	% of districts with no extreme outliers in the year *	-	-	92	84
Ethiopia	% of districts with ANC1-penta1 ratio between 1.0 and 1.5	-	-	92	75
Ethiopia	% of districts with penta1-penta3 ratio between 1.0 and 1.5	-	-	100	100
<b>Ethiopia</b>	<b>Annual data quality score (mean, %)</b>	<b>-</b>	<b>-</b>	<b>94</b>	<b>90</b>
Ghana	% of expected monthly facility reports (mean, national) *	93	94	95	98
Ghana	% of districts with completeness of facility reporting $\geq 90\%$ *	77	80	87	96
Ghana	% of districts with no missing monthly values in the year *	100	100	100	100
Ghana	% of monthly values that are not extreme outliers (mean, national) *	100	100	100	99
Ghana	% of districts with no extreme outliers in the year *	97	97	97	94
Ghana	% of districts with ANC1-penta1 ratio between 1.0 and 1.5	30	27	22	29
Ghana	% of districts with penta1-penta3 ratio between 1.0 and 1.5	47	49	44	46
<b>Ghana</b>	<b>Annual data quality score (mean, %)</b>	<b>77</b>	<b>78</b>	<b>78</b>	<b>80</b>

Country	Data quality metric	2017	2018	2019	2020
Kenya	% of expected monthly facility reports (mean, national) *	-	92	94	95
Kenya	% of districts with completeness of facility reporting >= 90% *	-	75	79	89
Kenya	% of districts with no missing monthly values in the year *	-	100	100	100
Kenya	% of monthly values that are not extreme outliers (mean, national) *	-	100	100	99
Kenya	% of districts with no extreme outliers in the year *	-	98	98	94
Kenya	% of districts with ANC1-penta1 ratio between 1.0 and 1.5	-	70	70	96
Kenya	% of districts with penta1-penta3 ratio between 1.0 and 1.5	-	91	94	91
<b>Kenya</b>	<b>Annual data quality score (mean, %)</b>	-	<b>90</b>	<b>91</b>	<b>95</b>
Liberia	% of expected monthly facility reports (mean, national) *	-	95	95	96
Liberia	% of districts with completeness of facility reporting >= 90% *	-	90	88	92
Liberia	% of districts with no missing monthly values in the year *	-	100	100	100
Liberia	% of monthly values that are not extreme outliers (mean, national) *	-	100	100	98
Liberia	% of districts with no extreme outliers in the year *	-	98	98	88
Liberia	% of districts with ANC1-penta1 ratio between 1.0 and 1.5	-	27	67	67
Liberia	% of districts with penta1-penta3 ratio between 1.0 and 1.5	-	93	100	100
<b>Liberia</b>	<b>Annual data quality score (mean, %)</b>	-	<b>86</b>	<b>93</b>	<b>92</b>
Mali	% of expected monthly facility reports (mean, national) *	92	95	99	99
Mali	% of districts with completeness of facility reporting >= 90% *	85	90	99	97
Mali	% of districts with no missing monthly values in the year *	96	94	100	98
Mali	% of monthly values that are not extreme outliers (mean, national) *	99	99	98	96
Mali	% of districts with no extreme outliers in the year *	92	93	89	86
Mali	% of districts with ANC1-penta1 ratio between 1.0 and 1.5	30	21	15	27
Mali	% of districts with penta1-penta3 ratio between 1.0 and 1.5	86	84	92	91
<b>Mali</b>	<b>Annual data quality score (mean, %)</b>	<b>83</b>	<b>82</b>	<b>85</b>	<b>85</b>
Niger	% of expected monthly facility reports (mean, national) *	89	92	87	84
Niger	% of districts with completeness of facility reporting >= 90% *	69	73	68	53
Niger	% of districts with no missing monthly values in the year *	100	100	100	100
Niger	% of monthly values that are not extreme outliers (mean, national) *	99	100	99	98
Niger	% of districts with no extreme outliers in the year *	92	96	93	87
Niger	% of districts with ANC1-penta1 ratio between 1.0 and 1.5	19	21	21	31
Niger	% of districts with penta1-penta3 ratio between 1.0 and 1.5	93	93	92	97
<b>Niger</b>	<b>Annual data quality score (mean, %)</b>	<b>80</b>	<b>82</b>	<b>80</b>	<b>79</b>
Nigeria	% of expected monthly facility reports (mean, national) *	74	79	79	68
Nigeria	% of districts with completeness of facility reporting >= 90% *	19	27	27	16

Country	Data quality metric	2017	2018	2019	2020
Nigeria	% of districts with no missing monthly values in the year *	100	100	100	59
Nigeria	% of monthly values that are not extreme outliers (mean, national) *	99	99	100	96
Nigeria	% of districts with no extreme outliers in the year *	95	89	92	78
Nigeria	% of districts with ANC1-penta1 ratio between 1.0 and 1.5	19	27	22	5
Nigeria	% of districts with penta1-penta3 ratio between 1.0 and 1.5	100	100	97	100
<b>Nigeria</b>	<b>Annual data quality score (mean, %)</b>	<b>72</b>	<b>74</b>	<b>74</b>	<b>60</b>
Tanzania	% of expected monthly facility reports (mean, national) *	96	97	97	98
Tanzania	% of districts with completeness of facility reporting >= 90% *	87	92	95	98
Tanzania	% of districts with no missing monthly values in the year *	100	100	100	100
Tanzania	% of monthly values that are not extreme outliers (mean, national) *	100	100	100	99
Tanzania	% of districts with no extreme outliers in the year *	96	97	96	92
Tanzania	% of districts with ANC1-penta1 ratio between 1.0 and 1.5	88	90	78	76
Tanzania	% of districts with penta1-penta3 ratio between 1.0 and 1.5	89	94	86	89
<b>Tanzania</b>	<b>Annual data quality score (mean, %)</b>	<b>94</b>	<b>96</b>	<b>93</b>	<b>93</b>
Uganda	% of expected monthly facility reports (mean, national) *	88	89	89	84
Uganda	% of districts with completeness of facility reporting >= 90% *	59	61	62	74
Uganda	% of districts with no missing monthly values in the year *	100	100	100	100
Uganda	% of monthly values that are not extreme outliers (mean, national) *	99	100	100	99
Uganda	% of districts with no extreme outliers in the year *	95	97	98	92
Uganda	% of districts with ANC1-penta1 ratio between 1.0 and 1.5	58	68	60	78
Uganda	% of districts with penta1-penta3 ratio between 1.0 and 1.5	94	88	91	88
<b>Uganda</b>	<b>Annual data quality score (mean, %)</b>	<b>85</b>	<b>86</b>	<b>86</b>	<b>88</b>
Zambia	% of expected monthly facility reports (mean, national) *	95	96	93	96
Zambia	% of districts with completeness of facility reporting >= 90% *	100	98	75	87
Zambia	% of districts with no missing monthly values in the year *	100	100	99	100
Zambia	% of monthly values that are not extreme outliers (mean, national) *	100	100	100	99
Zambia	% of districts with no extreme outliers in the year *	99	97	98	94
Zambia	% of districts with ANC1-penta1 ratio between 1.0 and 1.5	78	92	89	91
Zambia	% of districts with penta1-penta3 ratio between 1.0 and 1.5	83	83	87	79
<b>Zambia</b>	<b>Annual data quality score (mean, %)</b>	<b>94</b>	<b>95</b>	<b>92</b>	<b>92</b>

\*Mean for ANC, delivery, immunization and OPD services



## COTE D'IVOIRE

Indicator	Month/Period	National			Urban			Mixed urban-rural		
		%change	Lower bound	Upper bound	%change	Lower bound	Upper bound	%change	Lower bound	Upper bound
ANC1	Mar 2020	-5.8	-11.1	-0.6	-2.0	-3.9	-0.2	-7.1	-13.5	-0.7
ANC1	Apr 2020	10.5	5.1	15.9	3.7	1.8	5.5	12.8	6.2	19.4
ANC1	May 2020	-5.5	-10.8	-0.2	-1.9	-3.8	-0.1	-6.7	-13.1	-0.3
ANC1	Jun 2020	7.5	2.2	12.8	2.6	0.7	4.5	9.1	2.6	15.6
ANC1	Jul 2020	-7.6	-12.9	-2.3	-2.6	-4.5	-0.8	-9.2	-15.7	-2.7
ANC1	Aug 2020	-4.3	-9.6	1.0	-1.5	-3.3	0.3	-5.2	-11.6	1.2
ANC1	Sep 2020	6.7	1.4	12.1	2.3	0.5	4.2	8.2	1.7	14.7
ANC1	Oct 2020	-2.9	-8.2	2.4	-1.0	-2.9	0.8	-3.6	-10.0	2.9
ANC1	Nov 2020	3.9	-1.4	9.2	1.3	-0.5	3.2	4.7	-1.8	11.1
ANC1	Dec 2020	1.5	-3.8	6.8	0.5	-1.3	2.4	1.8	-4.6	8.2
<b>ANC1</b>	<b>Total Covid Period</b>	<b>0.4</b>	<b>-2.0</b>	<b>2.7</b>	<b>0.1</b>	<b>-0.7</b>	<b>1.0</b>	<b>0.5</b>	<b>-2.4</b>	<b>3.3</b>
ANC4	Mar 2020	-10.3	-14.6	-5.9	-4.1	-5.8	-2.3	-12.0	-17.1	-6.8
ANC4	Apr 2020	-4.1	-8.4	0.2	-1.6	-3.3	0.1	-4.8	-9.8	0.2
ANC4	May 2020	-7.9	-12.2	-3.6	-3.1	-4.9	-1.4	-9.2	-14.3	-4.1
ANC4	Jun 2020	-1.8	-6.1	2.5	-0.7	-2.4	1.0	-2.1	-7.1	2.9
ANC4	Jul 2020	-4.6	-9.0	-0.3	-1.8	-3.5	-0.1	-5.4	-10.5	-0.4
ANC4	Aug 2020	-5.6	-10.0	-1.3	-2.2	-3.9	-0.5	-6.6	-11.7	-1.5
ANC4	Sep 2020	2.8	-1.5	7.1	1.1	-0.6	2.8	3.3	-1.8	8.4
ANC4	Oct 2020	-3.5	-7.8	0.8	-1.4	-3.1	0.3	-4.1	-9.1	1.0
ANC4	Nov 2020	-1.5	-5.8	2.8	-0.6	-2.3	1.1	-1.7	-6.8	3.3
ANC4	Dec 2020	1.2	-3.1	5.5	0.5	-1.2	2.2	1.4	-3.6	6.5
<b>ANC4</b>	<b>Total Covid Period</b>	<b>-3.6</b>	<b>-5.5</b>	<b>-1.6</b>	<b>-1.4</b>	<b>-2.2</b>	<b>-0.6</b>	<b>-4.2</b>	<b>-6.4</b>	<b>-1.9</b>
Deliveries	Mar 2020	-2.5	-6.2	1.3	-1.2	-2.9	0.6	-2.8	-7.0	1.5
Deliveries	Apr 2020	0.5	-3.2	4.3	0.3	-1.5	2.0	0.6	-3.6	4.8
Deliveries	May 2020	-4.3	-8.1	-0.5	-2.0	-3.8	-0.2	-4.8	-9.1	-0.6
Deliveries	Jun 2020	-6.0	-9.8	-2.2	-2.8	-4.7	-1.0	-6.8	-11.0	-2.5
Deliveries	Jul 2020	1.0	-2.7	4.8	0.5	-1.3	2.3	1.2	-3.1	5.4
Deliveries	Aug 2020	-4.5	-8.3	-0.7	-2.1	-3.9	-0.3	-5.1	-9.3	-0.8
Deliveries	Sep 2020	-1.5	-5.3	2.2	-0.7	-2.5	1.1	-1.7	-5.9	2.5
Deliveries	Oct 2020	-0.3	-4.1	3.5	-0.2	-1.9	1.6	-0.4	-4.6	3.9
Deliveries	Nov 2020	2.1	-1.6	5.9	1.0	-0.8	2.8	2.4	-1.8	6.7
Deliveries	Dec 2020	-5.1	-8.9	-1.3	-2.4	-4.2	-0.6	-5.7	-10.0	-1.4
<b>Deliveries</b>	<b>Total Covid Period</b>	<b>-2.1</b>	<b>-3.7</b>	<b>-0.4</b>	<b>-1.0</b>	<b>-1.8</b>	<b>-0.2</b>	<b>-2.3</b>	<b>-4.2</b>	<b>-0.4</b>
C-section	Mar 2020	-1.2	-12.0	9.6	-0.4	-3.9	3.1	-1.5	-14.9	12.0
C-section	Apr 2020	-11.4	-22.8	0.0	-3.7	-7.4	0.0	-14.1	-28.7	0.4
C-section	May 2020	-6.8	-17.8	4.2	-2.2	-5.7	1.4	-8.4	-22.2	5.4
C-section	Jun 2020	-6.4	-17.4	4.6	-2.1	-5.6	1.5	-7.9	-21.7	5.9
C-section	Jul 2020	-7.4	-18.4	3.7	-2.4	-6.0	1.2	-9.1	-23.1	4.8
C-section	Aug 2020	0.9	-9.9	11.8	0.3	-3.2	3.8	1.2	-12.3	14.6
C-section	Sep 2020	-8.0	-19.1	3.1	-2.6	-6.2	1.0	-9.9	-24.0	4.1
C-section	Oct 2020	-3.3	-14.2	7.6	-1.1	-4.6	2.4	-4.1	-17.7	9.5
C-section	Nov 2020	0.7	-10.2	11.6	0.2	-3.3	3.7	0.9	-12.7	14.4
C-section	Dec 2020	-6.8	-17.9	4.3	-2.2	-5.8	1.4	-8.4	-22.4	5.5
<b>C-section</b>	<b>Total Covid Period</b>	<b>-4.9</b>	<b>-10.0</b>	<b>0.1</b>	<b>-1.6</b>	<b>-3.3</b>	<b>0.1</b>	<b>-6.1</b>	<b>-12.6</b>	<b>0.3</b>
OPD	Mar 2020	-20.0	-24.0	-16.0	-9.3	-11.4	-7.2	-22.5	-27.1	-17.9
OPD	Apr 2020	-7.0	-10.6	-3.3	-3.2	-5.0	-1.5	-7.8	-12.0	-3.7
OPD	May 2020	-13.8	-17.6	-9.9	-6.4	-8.3	-4.5	-15.4	-19.8	-11.1
OPD	Jun 2020	-18.3	-22.2	-14.3	-8.5	-10.5	-6.4	-20.5	-25.0	-15.9
OPD	Jul 2020	-10.9	-14.7	-7.2	-5.1	-6.9	-3.3	-12.3	-16.5	-8.0
OPD	Aug 2020	-26.6	-30.8	-22.3	-12.3	-14.7	-10.0	-29.8	-34.8	-24.8
OPD	Sep 2020	-4.7	-8.4	-1.1	-2.2	-3.9	-0.5	-5.3	-9.5	-1.2
OPD	Oct 2020	-6.8	-10.5	-3.1	-3.1	-4.9	-1.4	-7.6	-11.8	-3.5
OPD	Nov 2020	-7.9	-11.6	-4.2	-3.7	-5.4	-1.9	-8.9	-13.0	-4.7
OPD	Dec 2020	-10.4	-14.1	-6.6	-4.8	-6.6	-3.0	-11.6	-15.9	-7.4
<b>OPD</b>	<b>Total Covid Period</b>	<b>-12.4</b>	<b>-14.2</b>	<b>-10.5</b>	<b>-5.8</b>	<b>-6.9</b>	<b>-4.8</b>	<b>-13.8</b>	<b>-16.0</b>	<b>-11.6</b>
IPD	Mar 2020	-9.7	-20.1	0.7	-7.2	-15.7	1.3	-10.0	-20.7	0.8
IPD	Apr 2020	6.2	-4.1	16.6	4.6	-3.4	12.6	6.4	-4.3	17.1
IPD	May 2020	-7.1	-17.5	3.2	-5.3	-13.4	2.8	-7.4	-18.0	3.3
IPD	Jun 2020	-5.7	-16.0	4.6	-4.2	-12.2	3.7	-5.9	-16.5	4.7
IPD	Jul 2020	-0.9	-11.2	9.3	-0.7	-8.3	6.9	-0.9	-11.5	9.6
IPD	Aug 2020	-17.7	-28.6	-6.8	-13.2	-23.6	-2.7	-18.3	-29.6	-6.9
IPD	Sep 2020	3.5	-6.8	13.9	2.6	-5.1	10.4	3.7	-7.0	14.3
IPD	Oct 2020	2.6	-7.7	12.9	1.9	-5.8	9.6	2.6	-8.0	13.3
IPD	Nov 2020	3.7	-6.6	14.0	2.7	-5.0	10.5	3.8	-6.9	14.5
IPD	Dec 2020	-2.4	-12.7	7.9	-1.8	-9.5	5.9	-2.5	-13.1	8.2
<b>IPD</b>	<b>Total Covid Period</b>	<b>-2.8</b>	<b>-7.4</b>	<b>1.8</b>	<b>-2.1</b>	<b>-5.6</b>	<b>1.5</b>	<b>-2.9</b>	<b>-7.6</b>	<b>1.8</b>

		ETHIOPIA								
indicator	Month/period	National			Ethiopia without Addis			Addis Ababa Only		
		Drop (%)	lb_drop	ub_drop	Drop (%)	lb_drop	ub_drop	Drop (%)	lb_drop	ub_drop
ANC1	Mar-20	-13.0	-24.3	-1.7	-12.5	-23.3	-1.7	-24.9	-46.5	-3.3
ANC1	Apr-20	-17.2	-28.5	-6.0	-16.5	-27.3	-5.7	-32.9	-54.4	-11.4
ANC1	May-20	-1.1	-12.5	10.3	-1.0	-12.0	9.9	-2.1	-24.0	19.9
ANC1	Jun-20	-2.4	-13.8	9.0	-2.3	-13.2	8.6	-4.6	-26.5	17.3
ANC1	Jul-20	-9.2	-20.5	2.1	-8.8	-19.7	2.0	-17.6	-39.3	4.0
ANC1	Aug-20	-3.5	-14.8	7.9	-3.3	-14.2	7.6	-6.6	-28.5	15.2
ANC1	Sep-20	-4.5	-15.9	6.8	-4.3	-15.2	6.6	-8.7	-30.5	13.1
<b>ANC1</b>	<b>Total Covid Period</b>	<b>-7.1</b>	<b>-14.2</b>	<b>-0.1</b>	<b>-6.8</b>	<b>-13.6</b>	<b>-0.1</b>	<b>-13.4</b>	<b>-26.5</b>	<b>-0.4</b>
ANC4	Mar-20	-5.5	-13.5	2.5	-5.4	-13.1	2.4	-8.7	-21.2	3.9
ANC4	Apr-20	-10.9	-18.8	-2.9	-10.5	-18.2	-2.8	-17.0	-29.5	-4.5
ANC4	May-20	-3.6	-11.7	4.4	-3.5	-11.3	4.3	-5.7	-18.3	6.9
ANC4	Jun-20	-4.7	-12.8	3.3	-4.6	-12.4	3.2	-7.4	-20.0	5.1
ANC4	Jul-20	-5.2	-13.2	2.8	-5.0	-12.8	2.7	-8.2	-20.7	4.4
ANC4	Aug-20	-2.1	-10.1	5.9	-2.0	-9.8	5.7	-3.3	-15.9	9.3
ANC4	Sep-20	-1.8	-9.8	6.2	-1.7	-9.5	6.0	-2.8	-15.4	9.8
<b>ANC4</b>	<b>Total Covid Period</b>	<b>-4.8</b>	<b>-9.8</b>	<b>0.2</b>	<b>-4.6</b>	<b>-9.5</b>	<b>0.2</b>	<b>-7.4</b>	<b>-15.1</b>	<b>0.3</b>
Deliveries	Mar-20	0.8	-4.9	6.4	0.8	-4.8	6.3	1.0	-6.3	8.3
Deliveries	Apr-20	-3.3	-8.9	2.3	-3.3	-8.8	2.2	-4.3	-11.6	2.9
Deliveries	May-20	0.6	-5.0	6.2	0.6	-4.9	6.1	0.8	-6.5	8.1
Deliveries	Jun-20	2.2	-3.4	7.9	2.2	-3.3	7.7	2.9	-4.4	10.2
Deliveries	Jul-20	-1.3	-6.9	4.3	-1.3	-6.8	4.2	-1.7	-9.0	5.6
Deliveries	Aug-20	-0.5	-6.1	5.2	-0.5	-6.0	5.0	-0.6	-7.9	6.7
Deliveries	Sep-20	-8.2	-13.8	-2.7	-8.1	-13.5	-2.6	-10.7	-17.9	-3.4
<b>Deliveries</b>	<b>Total Covid Period</b>	<b>-1.4</b>	<b>-5.0</b>	<b>2.2</b>	<b>-1.4</b>	<b>-4.9</b>	<b>2.2</b>	<b>-1.8</b>	<b>-6.5</b>	<b>2.9</b>
Penta1	Mar-20	-11.4	-18.6	-4.2	-10.9	-17.8	-4.0	-22.3	-36.5	-8.0
Penta1	Apr-20	-7.7	-14.9	-0.4	-7.4	-14.3	-0.4	-15.0	-29.3	-0.8
Penta1	May-20	1.8	-5.5	9.1	1.7	-5.3	8.7	3.6	-10.8	18.0
Penta1	Jun-20	-2.7	-9.9	4.6	-2.5	-9.5	4.4	-5.2	-19.5	9.1
Penta1	Jul-20	-3.2	-10.5	4.0	-3.1	-10.1	3.9	-6.4	-20.6	7.9
Penta1	Aug-20	-2.0	-9.3	5.3	-1.9	-8.9	5.0	-4.0	-18.3	10.3
Penta1	Sep-20	-6.5	-13.7	0.8	-6.2	-13.2	0.8	-12.7	-26.9	1.6
<b>Penta1</b>	<b>Total Covid Period</b>	<b>-4.5</b>	<b>-9.1</b>	<b>0.2</b>	<b>-4.3</b>	<b>-8.7</b>	<b>0.1</b>	<b>-8.7</b>	<b>-17.5</b>	<b>0.2</b>
Penta3	Mar-20	-7.7	-15.0	-0.3	-7.4	-14.4	-0.3	-14.1	-27.8	-0.5
Penta3	Apr-20	-10.0	-17.4	-2.6	-9.6	-16.7	-2.5	-18.4	-32.1	-4.8
Penta3	May-20	-3.1	-10.5	4.3	-3.0	-10.1	4.1	-5.7	-19.4	7.9
Penta3	Jun-20	-3.1	-10.5	4.3	-2.9	-10.1	4.2	-5.7	-19.3	8.0
Penta3	Jul-20	-2.5	-9.9	4.9	-2.4	-9.5	4.7	-4.6	-18.3	9.0
Penta3	Aug-20	-1.1	-8.5	6.3	-1.1	-8.2	6.1	-2.1	-15.8	11.7
Penta3	Sep-20	-3.9	-11.3	3.5	-3.8	-10.9	3.4	-7.2	-20.9	6.4
<b>Penta3</b>	<b>Total Covid Period</b>	<b>-4.4</b>	<b>-9.1</b>	<b>0.2</b>	<b>-4.3</b>	<b>-8.7</b>	<b>0.2</b>	<b>-8.1</b>	<b>-16.5</b>	<b>0.3</b>
C-section	Mar-20	7.2	-3.5	18.0	8.9	-4.3	22.1	2.4	-1.1	5.9
C-section	Apr-20	3.0	-7.7	13.7	3.7	-9.4	16.8	1.0	-2.5	4.5
C-section	May-20	4.5	-6.2	15.2	5.5	-7.6	18.6	1.5	-2.0	5.0
C-section	Jun-20	10.6	-0.2	21.4	13.0	-0.2	26.3	3.5	0.0	7.0
C-section	Jul-20	4.7	-6.0	15.4	5.7	-7.4	18.9	1.5	-2.0	5.0
C-section	Aug-20	-5.9	-16.5	4.7	-7.3	-20.3	5.7	-2.0	-5.4	1.5
C-section	Sep-20	2.1	-8.5	12.8	2.6	-10.5	15.7	0.7	-2.8	4.2
<b>C-section</b>	<b>Total Covid Period</b>	<b>3.8</b>	<b>-3.3</b>	<b>10.8</b>	<b>4.6</b>	<b>-4.1</b>	<b>13.3</b>	<b>1.2</b>	<b>-1.0</b>	<b>3.5</b>
Measles vaccination	Mar-20	-14.8	-26.4	-3.2	-14.2	-25.3	-3.0	-28.0	-50.1	-5.9
Measles vaccination	Apr-20	-8.0	-19.7	3.7	-7.7	-18.9	3.5	-15.3	-37.5	7.0
Measles vaccination	May-20	6.2	-5.7	18.1	5.9	-5.4	17.3	11.9	-10.9	34.7
Measles vaccination	Jun-20	-0.2	-12.0	11.6	-0.2	-11.5	11.1	-0.3	-22.8	22.2
Measles vaccination	Jul-20	-5.9	-17.6	5.8	-5.7	-16.9	5.6	-11.2	-33.5	11.1
Measles vaccination	Aug-20	2.5	-9.3	14.4	2.4	-8.9	13.8	4.8	-17.8	27.5
Measles vaccination	Sep-20	-2.4	-14.2	9.4	-2.3	-13.6	9.0	-4.6	-27.0	17.8
<b>Measles vaccination</b>	<b>Total Covid Period</b>	<b>-3.2</b>	<b>-10.7</b>	<b>4.3</b>	<b>-3.1</b>	<b>-10.3</b>	<b>4.1</b>	<b>-6.1</b>	<b>-20.1</b>	<b>8.0</b>
OPD	Mar-20	-13.6	-25.7	-1.6	-13.6	-25.7	-1.6	-13.5	-25.6	-1.5
OPD	Apr-20	-32.6	-44.6	-20.6	-32.6	-44.6	-20.6	-32.4	-44.7	-20.1
OPD	May-20	-26.7	-38.7	-14.7	-26.7	-38.7	-14.8	-26.6	-38.8	-14.4
OPD	Jun-20	-19.9	-31.9	-7.9	-19.9	-31.9	-7.9	-19.8	-31.9	-7.7
OPD	Jul-20	-25.9	-37.9	-14.0	-26.0	-37.9	-14.0	-25.8	-38.0	-13.6
OPD	Aug-20	-26.2	-38.2	-14.2	-26.2	-38.2	-14.2	-26.0	-38.2	-13.9
OPD	Sep-20	-25.9	-37.8	-13.9	-25.9	-37.9	-13.9	-25.7	-37.9	-13.5
<b>OPD</b>	<b>Total Covid Period</b>	<b>-22.8</b>	<b>-29.7</b>	<b>-16.0</b>	<b>-22.8</b>	<b>-29.7</b>	<b>-16.0</b>	<b>-22.7</b>	<b>-29.9</b>	<b>-15.6</b>
IPD	Mar-20	-17.4	-34.5	-0.2	-18.0	-35.8	-0.2	-12.4	-24.6	-0.1
IPD	Apr-20	-38.4	-55.2	-21.6	-39.8	-57.2	-22.4	-27.4	-39.5	-15.3
IPD	May-20	-17.6	-34.7	-0.5	-18.3	-36.0	-0.5	-12.5	-24.8	-0.3
IPD	Jun-20	-28.9	-45.9	-12.0	-30.0	-47.6	-12.5	-20.7	-32.8	-8.5
IPD	Jul-20	-24.8	-41.8	-7.8	-25.8	-43.4	-8.1	-17.7	-29.9	-5.5
IPD	Aug-20	-31.2	-48.1	-14.3	-32.4	-49.9	-14.9	-22.3	-34.4	-10.1
IPD	Sep-20	-31.2	-48.1	-14.3	-32.4	-49.9	-14.8	-22.3	-34.4	-10.1
<b>IPD</b>	<b>Total Covid Period</b>	<b>-25.1</b>	<b>-34.6</b>	<b>-15.7</b>	<b>-26.0</b>	<b>-35.7</b>	<b>-16.3</b>	<b>-18.3</b>	<b>-25.4</b>	<b>-11.2</b>







Indicator	Month/Period	National			Rural			Urban		
		%change	Lower bound	Upper bound	%change	Lower bound	Upper bound	%change	Lower bound	Upper bound
ANC1	Mar 2020	-14.7	-28.1	-1.2	-21.3	-43.3	0.8	-4.9	-9.3	-0.5
ANC1	Apr 2020	-19.8	-34.3	-5.3	-28.7	-53.8	-3.6	-6.6	-11.2	-1.9
ANC1	May 2020	-8.9	-21.5	3.7	-12.9	-32.3	6.4	-2.9	-7.1	1.2
ANC1	Jun 2020	9.2	-3.6	22.0	13.3	-6.4	33.1	3.0	-1.1	7.2
ANC1	Jul 2020	-6.7	-19.2	5.7	-9.8	-28.4	8.8	-2.2	-6.3	1.9
ANC1	Aug 2020	-1.2	-13.4	10.9	-1.8	-19.4	15.9	-0.4	-4.4	3.6
ANC1	Sep 2020	-2.8	-15.0	9.3	-4.1	-21.9	13.7	-0.9	-5.0	3.1
ANC1	Oct 2020	-17.0	-30.9	-3.1	-24.6	-48.0	-1.2	-5.6	-10.1	-1.1
ANC1	Nov 2020	-1.9	-14.1	10.2	-2.8	-20.5	14.9	-0.6	-4.7	3.4
ANC1	Dec 2020	9.3	-3.5	22.1	13.6	-6.2	33.3	3.1	-1.1	7.3
<b>ANC1</b>	<b>Total Covid Period</b>	<b>-5.4</b>	<b>-11.6</b>	<b>0.8</b>	<b>-7.8</b>	<b>-17.4</b>	<b>1.8</b>	<b>-1.8</b>	<b>-3.9</b>	<b>0.3</b>
ANC4	Mar 2020	-7.9	-21.7	5.9	-10.1	-28.1	7.9	-3.3	-9.0	2.5
ANC4	Apr 2020	-20.8	-36.3	-5.2	-26.5	-48.4	-4.6	-8.6	-15.3	-2.0
ANC4	May 2020	-10.8	-24.9	3.3	-13.8	-32.4	4.9	-4.5	-10.4	1.4
ANC4	Jun 2020	7.6	-6.3	21.6	9.8	-8.4	27.9	3.2	-2.6	8.9
ANC4	Jul 2020	5.7	-8.1	19.5	7.3	-10.5	25.1	2.3	-3.4	8.1
ANC4	Aug 2020	-3.4	-17.0	10.2	-4.4	-21.8	13.1	-1.4	-7.1	4.2
ANC4	Sep 2020	-5.5	-19.2	8.2	-7.1	-24.7	10.6	-2.3	-8.0	3.4
ANC4	Oct 2020	-21.6	-37.3	-5.9	-27.5	-49.8	-5.3	-9.0	-15.7	-2.3
ANC4	Nov 2020	-5.1	-18.8	8.6	-6.5	-24.1	11.1	-2.1	-7.8	3.6
ANC4	Dec 2020	-1.4	-15.0	12.1	-1.8	-19.2	15.5	-0.6	-6.2	5.0
<b>ANC4</b>	<b>Total Covid Period</b>	<b>-6.2</b>	<b>-13.0</b>	<b>0.6</b>	<b>-7.9</b>	<b>-17.0</b>	<b>1.1</b>	<b>-2.6</b>	<b>-5.5</b>	<b>0.3</b>
Deliveries	Mar 2020	1.9	-7.0	10.7	2.1	-8.0	12.2	1.0	-3.9	5.9
Deliveries	Apr 2020	-9.0	-18.0	0.0	-10.3	-20.7	0.2	-5.0	-10.1	0.2
Deliveries	May 2020	-4.1	-13.0	4.7	-4.7	-14.9	5.4	-2.3	-7.2	2.7
Deliveries	Jun 2020	3.2	-5.7	12.1	3.7	-6.5	13.9	1.8	-3.1	6.7
Deliveries	Jul 2020	-4.9	-13.8	4.0	-5.6	-15.8	4.6	-2.7	-7.7	2.2
Deliveries	Aug 2020	-2.4	-11.2	6.5	-2.7	-12.8	7.4	-1.3	-6.2	3.6
Deliveries	Sep 2020	-3.7	-12.5	5.2	-4.2	-14.3	6.0	-2.0	-7.0	2.9
Deliveries	Oct 2020	-9.6	-18.7	-0.6	-11.0	-21.4	-0.5	-5.3	-10.5	-0.1
Deliveries	Nov 2020	-7.3	-16.3	1.6	-8.4	-18.7	2.0	-4.0	-9.1	1.0
Deliveries	Dec 2020	-13.0	-22.2	-3.7	-14.8	-25.6	-4.0	-7.2	-12.6	-1.8
<b>Deliveries</b>	<b>Total Covid Period</b>	<b>-4.8</b>	<b>-9.1</b>	<b>-0.5</b>	<b>-5.5</b>	<b>-10.5</b>	<b>-0.5</b>	<b>-2.7</b>	<b>-5.2</b>	<b>-0.2</b>
Penta1	Mar 2020	-3.6	-14.9	7.7	-5.1	-21.3	11.1	-1.2	-5.1	2.6
Penta1	Apr 2020	-26.3	-41.0	-11.5	-37.3	-63.5	-11.0	-9.0	-13.9	-4.1
Penta1	May 2020	6.2	-5.2	17.7	8.9	-7.9	25.7	2.1	-1.8	6.0
Penta1	Jun 2020	4.8	-6.6	16.2	6.8	-9.7	23.3	1.6	-2.2	5.5
Penta1	Jul 2020	2.6	-8.7	13.9	3.7	-12.4	19.8	0.9	-3.0	4.7
Penta1	Aug 2020	5.4	-6.0	16.8	7.7	-8.9	24.3	1.8	-2.0	5.7
Penta1	Sep 2020	28.1	12.5	43.6	40.1	11.7	68.5	9.5	4.5	14.5
Penta1	Oct 2020	-1.4	-12.6	9.8	-2.0	-18.0	14.0	-0.5	-4.3	3.3
Penta1	Nov 2020	20.9	7.1	34.7	29.8	6.2	53.4	7.1	2.6	11.6
Penta1	Dec 2020	-4.4	-15.7	6.9	-6.3	-22.6	10.0	-1.5	-5.4	2.3
<b>Penta1</b>	<b>Total Covid Period</b>	<b>3.2</b>	<b>-2.7</b>	<b>9.1</b>	<b>4.6</b>	<b>-4.2</b>	<b>13.3</b>	<b>1.1</b>	<b>-0.9</b>	<b>3.1</b>
Penta3	Mar 2020	-2.0	-13.6	9.6	-2.8	-19.3	13.7	-0.7	-4.6	3.3
Penta3	Apr 2020	-29.4	-45.4	-13.4	-41.7	-70.7	-12.7	-10.1	-15.4	-4.8
Penta3	May 2020	3.4	-8.3	15.1	4.8	-11.9	21.6	1.2	-2.8	5.1
Penta3	Jun 2020	-2.6	-14.2	9.0	-3.7	-20.2	12.9	-0.9	-4.8	3.1
Penta3	Jul 2020	1.8	-9.8	13.4	2.5	-14.0	19.1	0.6	-3.3	4.6
Penta3	Aug 2020	6.9	-5.0	18.8	9.8	-7.7	27.3	2.3	-1.7	6.4
Penta3	Sep 2020	24.0	9.0	38.9	34.2	7.9	60.4	8.1	3.3	13.0
Penta3	Oct 2020	6.5	-5.3	18.4	9.3	-8.1	26.7	2.2	-1.8	6.3
Penta3	Nov 2020	27.8	11.8	43.7	39.6	10.7	68.5	9.4	4.3	14.6
Penta3	Dec 2020	0.0	-11.6	11.5	-0.1	-16.5	16.4	0.0	-4.0	3.9
<b>Penta3</b>	<b>Total Covid Period</b>	<b>3.6</b>	<b>-2.6</b>	<b>9.8</b>	<b>5.1</b>	<b>-4.0</b>	<b>14.3</b>	<b>1.2</b>	<b>-0.9</b>	<b>3.3</b>
C-section	Mar 2020	-22.7	-50.8	5.5	-37.5	-91.4	16.5	-6.3	-14.0	1.3
C-section	Apr 2020	-1.4	-27.5	24.7	-2.3	-45.7	41.1	-0.4	-7.7	6.9
C-section	May 2020	18.6	-9.4	46.7	31.1	-21.3	83.4	5.2	-2.4	12.7
C-section	Jun 2020	1.0	-25.1	27.2	1.7	-41.7	45.2	0.3	-7.0	7.6
C-section	Jul 2020	1.7	-24.5	27.9	2.8	-40.7	46.4	0.5	-6.8	7.8
C-section	Aug 2020	-9.9	-36.4	16.5	-16.5	-61.9	29.0	-2.8	-10.1	4.6
C-section	Sep 2020	-12.3	-39.0	14.3	-20.5	-67.1	26.2	-3.5	-10.8	3.9
C-section	Oct 2020	-11.0	-37.6	15.5	-18.3	-64.2	27.7	-3.1	-10.4	4.3
C-section	Nov 2020	-5.4	-31.6	20.8	-8.9	-52.8	35.0	-1.5	-8.8	5.8
C-section	Dec 2020	1.0	-25.2	27.1	1.6	-41.8	45.1	0.3	-7.0	7.6
<b>C-section</b>	<b>Total Covid Period</b>	<b>-4.0</b>	<b>-16.5</b>	<b>8.4</b>	<b>-6.6</b>	<b>-27.6</b>	<b>14.3</b>	<b>-1.1</b>	<b>-4.6</b>	<b>2.4</b>
Measles vaccination	Mar 2020	-14.1	-28.6	0.4	-21.1	-45.7	3.5	-4.5	-8.9	0.0
Measles vaccination	Apr 2020	-44.0	-67.5	-20.6	-65.6	-115.7	-15.4	-14.0	-20.7	-7.4
Measles vaccination	May 2020	-1.4	-14.5	11.7	-2.1	-21.8	17.6	-0.4	-4.6	3.7
Measles vaccination	Jun 2020	-5.3	-18.6	8.0	-7.9	-28.3	12.5	-1.7	-5.9	2.5
Measles vaccination	Jul 2020	-4.5	-17.7	8.8	-6.7	-26.9	13.4	-1.4	-5.6	2.8
Measles vaccination	Aug 2020	-3.6	-16.8	9.6	-5.4	-25.4	14.5	-1.1	-5.3	3.0
Measles vaccination	Sep 2020	2.5	-10.7	15.7	3.7	-16.1	23.6	0.8	-3.4	4.9
Measles vaccination	Oct 2020	-2.1	-15.2	11.0	-3.2	-22.9	16.6	-0.7	-4.8	3.5
Measles vaccination	Nov 2020	23.3	6.3	40.3	35.1	2.6	67.5	7.3	2.4	12.3
Measles vaccination	Dec 2020	19.6	3.6	35.6	29.4	0.2	58.7	6.2	1.4	10.9
<b>Measles vaccination</b>	<b>Total Covid Period</b>	<b>-3.0</b>	<b>-9.8</b>	<b>3.7</b>	<b>-4.5</b>	<b>-14.9</b>	<b>5.8</b>	<b>-1.0</b>	<b>-3.1</b>	<b>1.2</b>
OPD	Mar 2020	-6.3	-17.5	4.9	-9.5	-27.2	8.2	-2.0	-5.5	1.5
OPD	Apr 2020	-28.4	-44.8	-12.0	-42.6	-76.5	-8.7	-9.0	-13.7	-4.2
OPD	May 2020	-21.6	-35.9	-7.3	-32.4	-60.4	-4.5	-6.8	-11.1	-2.6
OPD	Jun 2020	7.1	-4.2	18.5	10.8	-7.4	29.0	2.2	-1.3	5.8
OPD	Jul 2020	-6.2	-17.5	5.0	-9.4	-27.0	8.2	-2.0	-5.5	1.5
OPD	Aug 2020	-2.6	-13.6	8.3	-4.0	-20.6	12.7	-0.8	-4.3	2.6
OPD	Sep 2020	-0.4	-11.3	10.5	-0.5	-17.0	15.9	-0.1	-3.5	3.3
OPD	Oct 2020	-17.9	-31.3	-4.6	-26.9	-51.9	-2.0	-5.6	-9.7	-1.6
OPD	Nov 2020	-5.3	-16.4	5.8	-8.0	-25.3	9.3	-1.7	-5.1	1.8
OPD	Dec 2020	9.4	-2.3	21.1	14.2	-5.2	33.6	3.0	-0.6	6.6
<b>OPD</b>	<b>Total Covid Period</b>	<b>-7.1</b>	<b>-13.2</b>	<b>-1.0</b>	<b>-10.6</b>	<b>-21.3</b>	<b>0.0</b>	<b>-2.3</b>	<b>-4.2</b>	<b>-0.4</b>



NIGER										
Indicator	Month/Period	National			Rural			Urban		
		%change	Lower bound	Upper bound	%change	Lower bound	Upper bound	%change	Lower bound	Upper bound
ANC1	Mar 2020	-14.2	-19.4	-9.0	-25.9	-37.8	-14.0	-11.4	-15.6	-7.3
ANC1	Apr 2020	9.7	4.6	14.8	17.8	7.1	28.5	7.8	-3.7	11.9
ANC1	May 2020	8.3	3.2	13.4	15.1	4.8	25.4	6.7	2.6	10.8
ANC1	Jun 2020	28.8	23.0	34.7	53.0	34.3	71.6	23.2	18.5	27.9
ANC1	Jul 2020	-11.2	-16.3	-6.1	-20.4	-31.4	-9.5	-9.0	-13.1	-4.9
ANC1	Aug 2020	-4.1	-9.1	0.9	-7.5	-16.9	1.9	-3.3	-7.3	0.8
ANC1	Sep 2020	0.5	-4.5	5.5	1.0	-8.2	10.1	0.4	-3.6	4.5
ANC1	Oct 2020	-6.9	-12.0	-1.9	-12.7	-22.5	-2.8	-5.6	-9.6	-1.5
ANC1	Nov 2020	-5.4	-10.4	-0.3	-9.8	-19.4	-0.2	-4.3	-8.4	-0.3
ANC1	Dec 2020	-4.9	-10.0	0.1	-9.0	-18.5	0.5	-4.0	-8.0	0.1
ANC1	Total Covid Period	0.0	-2.2	2.2	0.1	-4.0	4.1	0.0	-1.8	1.8
ANC4	Mar 2020	-5.8	-11.8	0.3	-10.5	-21.8	0.9	-4.6	-9.5	0.2
ANC4	Apr 2020	-1.0	-6.9	5.0	-1.7	-12.6	9.2	-0.8	-5.6	4.1
ANC4	May 2020	18.7	12.4	25.1	34.2	18.6	49.8	15.1	10.0	20.2
ANC4	Jun 2020	7.8	1.7	13.9	14.3	2.4	26.1	6.3	1.4	11.2
ANC4	Jul 2020	-5.3	-11.3	0.7	-9.7	-21.0	1.6	-4.3	-9.1	0.6
ANC4	Aug 2020	3.1	-2.9	9.1	5.7	-5.4	16.8	2.5	-2.3	7.4
ANC4	Sep 2020	4.2	-1.8	10.2	7.6	-3.6	18.8	3.4	-1.5	8.2
ANC4	Oct 2020	-1.7	-7.7	4.3	-3.1	-14.0	7.8	-1.4	-6.2	3.5
ANC4	Nov 2020	-7.5	-13.5	-1.5	-13.7	-25.4	-2.0	-6.1	-10.9	-1.2
ANC4	Dec 2020	-7.1	-13.1	-1.1	-12.9	-24.5	-1.3	-5.7	-10.6	-0.9
ANC4	Total Covid Period	0.5	-2.1	3.1	1.0	-3.8	5.7	0.4	-1.7	2.5
Deliveries	Mar 2020	0.3	-5.4	6.0	0.6	-11.2	12.3	0.2	-4.3	4.7
Deliveries	Apr 2020	-10.2	-16.0	-4.5	-21.0	-34.7	-7.4	-8.0	-12.6	-3.5
Deliveries	May 2020	5.9	0.1	11.6	12.1	-0.4	24.6	4.6	0.1	9.1
Deliveries	Jun 2020	-9.4	-15.2	-3.7	-19.4	-32.7	-6.0	-7.4	-11.9	-2.9
Deliveries	Jul 2020	-17.6	-23.5	-11.6	-36.1	-52.8	-19.4	-13.8	-18.4	-9.2
Deliveries	Aug 2020	2.0	-3.7	7.7	4.0	-7.8	15.9	1.5	-2.9	6.0
Deliveries	Sep 2020	-4.9	-10.7	0.8	-10.2	-22.4	2.0	-3.9	-8.4	0.6
Deliveries	Oct 2020	-0.9	-6.6	4.8	-1.9	-13.7	9.8	-0.7	-5.2	3.7
Deliveries	Nov 2020	-10.9	-16.7	-5.2	-22.5	-36.4	-8.6	-8.6	-13.1	-4.1
Deliveries	Dec 2020	-11.4	-17.2	-5.7	-23.5	-37.6	-9.5	-9.0	-13.5	-4.5
Deliveries	Total Covid Period	-5.7	-8.2	-3.2	-11.6	-17.7	-5.4	-4.5	-6.4	-2.5
Penta1	Mar 2020	-3.8	-7.8	0.3	-7.3	-15.6	1.0	-3.0	-6.2	0.2
Penta1	Apr 2020	1.2	-2.8	5.3	2.3	-5.6	10.3	1.0	-2.3	4.2
Penta1	May 2020	4.9	0.8	9.0	9.5	0.9	18.1	3.9	0.6	7.1
Penta1	Jun 2020	9.2	5.0	13.4	17.8	7.6	28.1	7.3	4.0	10.6
Penta1	Jul 2020	-4.6	-8.6	-0.5	-8.8	-17.3	-0.4	-3.6	-6.9	-0.4
Penta1	Aug 2020	-3.1	-7.2	0.9	-6.0	-14.2	2.1	-2.5	-5.7	0.8
Penta1	Sep 2020	-0.5	-4.6	3.5	-1.0	-8.9	6.9	-0.4	-3.6	2.8
Penta1	Oct 2020	-1.7	-5.8	2.3	-3.3	-11.3	4.6	-1.4	-4.6	1.9
Penta1	Nov 2020	-2.7	-6.8	1.3	-5.3	-13.4	2.7	-2.2	-5.4	1.0
Penta1	Dec 2020	-1.8	-5.8	2.3	-3.4	-11.4	4.5	-1.4	-4.6	1.8
Penta1	Total Covid Period	-0.3	-2.0	1.4	-0.6	-4.0	2.8	-0.2	-1.6	1.1
Penta3	Mar 2020	-3.6	-7.8	0.7	-7.0	-15.7	1.6	-2.8	-6.2	0.5
Penta3	Apr 2020	1.3	-2.9	5.5	2.5	-5.8	10.9	1.0	-2.3	4.4
Penta3	May 2020	4.5	0.3	8.8	8.9	0.0	17.9	3.6	0.2	7.0
Penta3	Jun 2020	2.9	-1.3	7.2	5.8	-2.8	14.4	2.3	-1.0	5.7
Penta3	Jul 2020	-3.5	-7.8	0.7	-7.0	-15.6	1.7	-2.8	-6.2	0.5
Penta3	Aug 2020	-3.3	-7.6	0.9	-6.6	-15.2	2.1	-2.6	-6.0	0.7
Penta3	Sep 2020	-2.1	-6.3	2.1	-4.1	-12.6	4.3	-1.7	-5.0	1.7
Penta3	Oct 2020	-1.1	-5.3	3.1	-2.2	-10.6	6.1	-0.9	-4.2	2.4
Penta3	Nov 2020	-3.7	-7.9	0.6	-7.2	-15.9	1.5	-2.9	-6.3	0.4
Penta3	Dec 2020	-3.2	-7.5	1.0	-6.4	-15.0	2.2	-2.6	-5.9	0.8
Penta3	Total Covid Period	-1.2	-3.0	0.6	-2.3	-5.9	1.3	-0.9	-2.4	0.5
C-section	Mar 2020	-17.6	-51.1	15.9						
C-section	Apr 2020	-5.0	-36.3	26.3						
C-section	May 2020	-10.1	-42.0	21.8						
C-section	Jun 2020	-3.5	-34.7	27.7						
C-section	Jul 2020	-7.1	-38.6	24.4						
C-section	Aug 2020	-22.9	-58.0	12.2						
C-section	Sep 2020	8.6	-23.2	40.5						
C-section	Oct 2020	-10.3	-42.2	21.6						
C-section	Nov 2020	-11.3	-43.4	20.8						
C-section	Dec 2020	-29.2	-66.6	8.2						
C-section	Total Covid Period	-10.6	-25.6	4.3						
Measles vaccination	Mar 2020	-4.6	-9.3	0.1	-8.8	-18.4	0.7	-3.7	-7.4	0.1
Measles vaccination	Apr 2020	0.7	-4.0	5.4	1.4	-7.6	10.4	0.6	-3.2	4.3
Measles vaccination	May 2020	3.9	-0.8	8.6	7.5	-1.9	17.0	3.1	-0.6	6.9
Measles vaccination	Jun 2020	7.5	2.7	12.3	14.4	3.9	24.9	6.0	2.1	9.8
Measles vaccination	Jul 2020	-3.1	-7.8	1.6	-6.0	-15.3	3.2	-2.5	-6.2	1.3
Measles vaccination	Aug 2020	-6.3	-11.1	-1.6	-12.2	-22.2	-2.2	-5.1	-8.8	-1.3
Measles vaccination	Sep 2020	-0.5	-5.2	4.2	-1.0	-10.0	8.0	-0.4	-4.1	3.3
Measles vaccination	Oct 2020	-0.8	-5.5	3.9	-1.5	-10.5	7.5	-0.6	-4.3	3.1
Measles vaccination	Nov 2020	-5.4	-10.1	-0.7	-10.3	-20.1	-0.6	-4.3	-8.0	-0.5
Measles vaccination	Dec 2020	-5.8	-10.5	-1.0	-11.1	-20.9	-1.2	-4.6	-8.4	-0.8
Measles vaccination	Total Covid Period	-1.4	-3.4	0.6	-2.8	-6.7	1.2	-1.1	-2.8	0.5
OPD	Mar 2020	-8.2	-18.7	2.4	-14.4	-33.6	4.7	-6.6	-15.2	2.0
OPD	Apr 2020	9.4	-1.3	20.1	16.7	-2.9	36.3	7.6	-1.0	16.3
OPD	May 2020	1.0	-9.6	11.6	1.8	-17.0	20.5	0.8	-7.8	9.4
OPD	Jun 2020	-5.5	-16.0	5.1	-9.7	-28.6	9.2	-4.4	-13.0	4.1
OPD	Jul 2020	-17.6	-28.3	-7.0	-31.2	-52.2	-10.2	-14.3	-23.0	-5.7
OPD	Aug 2020	-7.4	-17.9	3.2	-13.0	-32.1	6.0	-6.0	-14.6	2.6
OPD	Sep 2020	0.7	-9.9	11.3	1.2	-17.5	20.0	0.6	-8.0	9.1
OPD	Oct 2020	8.1	-2.6	18.7	14.3	-5.1	33.7	6.5	-2.1	15.2
OPD	Nov 2020	14.7	4.0	25.5	26.2	5.4	46.9	12.0	3.2	20.7
OPD	Dec 2020	22.0	11.0	33.0	39.1	16.2	62.0	17.8	9.0	26.7
OPD	Total Covid Period	1.7	-2.9	6.3	3.0	-5.2	11.2	1.4	-2.3	5.1
IPD	Mar 2020	-24.9	-62.6	12.7	-96.5	-388.2	195.3	-17.7	-44.3	8.8
IPD	Apr 2020	-47.4	-88.4	-6.4	-180.9	-673.0	311.1	-33.8	-62.1	-5.4
IPD	May 2020	-19.0	-56.1	18.1	-73.9	-315.7	168.0	-13.5	-39.8	12.7
IPD	Jun 2020	-10.1	-46.7	26.4	-39.6	-216.5	137.3	-7.2	-33.2	18.8
IPD	Jul 2020	-27.9	-65.9	10.1	-107.7	-425.4	210.0	-19.9	-46.6	6.9
IPD	Aug 2020	-40.7	-80.5	-0.8	-155.9	-587.9	276.1	-29.0	-56.7	-1.3
IPD	Sep 2020	-38.2	-77.6	1.2	-146.5	-556.0	263.0	-27.2	-54.7	0.3
IPD	Oct 2020	-42.1	-82.1	-2.0	-161.1	-605.4	283.3	-30.0	-57.8	-2.1
IPD	Nov 2020	-8.4	-44.9	28.2	-32.7	-199.5	134.1	-6.0	-31.9	20.0
IPD	Dec 2020	17.6	-19.9	55.1	69.8	-172.6	312.1	12.5	-14.0	38.9
IPD	Total Covid Period	-23.2	-40.3	-6.1	-79.8	-266.3	106.7	-16.7	-28.7	-4.7

**TANZANIA**

Indicator	Month/Period	National			Rural			Urban		
		%change	Lower bound	Upper bound	%change	Lower bound	Upper bound	%change	Lower bound	Upper bound
ANC1	Mar 2020	5.6	3.5	7.7	5.6	3.5	7.8	5.4	3.3	7.5
ANC1	Apr 2020	1.6	-0.5	3.6	1.6	-0.5	3.7	1.5	-0.5	3.5
ANC1	May 2020	-15.6	-17.9	-13.3	-15.8	-18.2	-13.4	-15.1	-17.8	-12.4
ANC1	Jun 2020	5.8	3.7	7.9	5.9	3.7	8.0	5.6	3.5	7.7
ANC1	Jul 2020	-9.3	-11.4	-7.1	-9.4	-11.6	-7.2	-9.0	-11.2	-6.7
ANC1	Aug 2020	-3.8	-5.9	-1.7	-3.9	-6.0	-1.7	-3.7	-5.7	-1.6
ANC1	Sep 2020	2.7	0.6	4.8	2.8	0.7	4.9	2.6	0.6	4.7
ANC1	Oct 2020	-12.8	-15.0	-10.5	-12.9	-15.2	-10.6	-12.4	-14.8	-9.9
ANC1	Nov 2020	-1.1	-3.2	0.9	-1.2	-3.3	0.9	-1.1	-3.1	0.9
ANC1	Dec 2020	1.4	-0.7	3.4	1.4	-0.7	3.5	1.3	-0.7	3.3
<b>ANC1</b>	<b>Total Covid Period</b>	<b>-2.6</b>	<b>-3.5</b>	<b>-1.6</b>	<b>-2.6</b>	<b>-3.5</b>	<b>-1.6</b>	<b>-2.5</b>	<b>-3.4</b>	<b>-1.5</b>
ANC4	Mar 2020	-5.5	-8.9	-2.1	-5.6	-9.1	-2.1	-5.2	-8.4	-1.9
ANC4	Apr 2020	-3.1	-6.5	0.3	-3.1	-6.6	0.3	-2.9	-6.1	0.3
ANC4	May 2020	-6.5	-9.9	-3.1	-6.7	-10.2	-3.2	-6.2	-9.4	-2.9
ANC4	Jun 2020	-1.8	-5.2	1.6	-1.9	-5.3	1.6	-1.7	-4.9	1.5
ANC4	Jul 2020	-8.2	-11.6	-4.8	-8.4	-11.9	-4.9	-7.7	-11.0	-4.4
ANC4	Aug 2020	-10.2	-13.6	-6.7	-10.4	-14.0	-6.8	-9.6	-12.9	-6.2
ANC4	Sep 2020	-7.8	-11.2	-4.3	-7.9	-11.4	-4.4	-7.3	-10.6	-4.0
ANC4	Oct 2020	-16.0	-19.6	-12.4	-16.4	-20.1	-12.7	-15.1	-18.7	-11.5
ANC4	Nov 2020	-11.6	-15.1	-8.1	-11.9	-15.5	-8.3	-10.9	-14.3	-7.6
ANC4	Dec 2020	-12.7	-16.2	-9.2	-13.0	-16.6	-9.3	-11.9	-15.3	-8.5
<b>ANC4</b>	<b>Total Covid Period</b>	<b>-8.2</b>	<b>-9.8</b>	<b>-6.7</b>	<b>-8.4</b>	<b>-10.0</b>	<b>-6.8</b>	<b>-7.7</b>	<b>-9.3</b>	<b>-6.2</b>
Deliveries	Mar 2020	-2.0	-4.5	0.6	-2.2	-5.0	0.7	-1.5	-3.5	0.5
Deliveries	Apr 2020	-2.1	-4.6	0.5	-2.3	-5.1	0.5	-1.6	-3.6	0.4
Deliveries	May 2020	-1.3	-3.9	1.2	-1.5	-4.3	1.4	-1.0	-3.0	1.0
Deliveries	Jun 2020	-0.1	-2.7	2.4	-0.1	-3.0	2.7	-0.1	-2.1	1.9
Deliveries	Jul 2020	-3.0	-5.5	-0.4	-3.3	-6.2	-0.5	-2.3	-4.3	-0.3
Deliveries	Aug 2020	-6.9	-9.5	-4.3	-7.6	-10.5	-4.7	-5.4	-7.4	-3.3
Deliveries	Sep 2020	-9.4	-12.1	-6.8	-10.5	-13.4	-7.5	-7.4	-9.5	-5.3
Deliveries	Oct 2020	-15.6	-18.3	-12.8	-17.2	-20.4	-14.1	-12.2	-14.5	-9.9
Deliveries	Nov 2020	-14.6	-17.4	-11.9	-16.2	-19.3	-13.1	-11.5	-13.7	-9.2
Deliveries	Dec 2020	-14.1	-16.8	-11.4	-15.6	-18.7	-12.5	-11.0	-13.3	-8.8
<b>Deliveries</b>	<b>Total Covid Period</b>	<b>-6.8</b>	<b>-8.0</b>	<b>-5.7</b>	<b>-7.5</b>	<b>-8.9</b>	<b>-6.2</b>	<b>-5.4</b>	<b>-6.4</b>	<b>-4.4</b>
Penta1	Mar 2020	-3.4	-5.9	-0.8	-3.3	-5.8	-0.8	-3.5	-6.1	-0.8
Penta1	Apr 2020	-4.6	-7.2	-2.1	-4.6	-7.1	-2.0	-4.8	-7.4	-2.1
Penta1	May 2020	-6.2	-8.8	-3.7	-6.1	-8.7	-3.6	-6.4	-9.1	-3.7
Penta1	Jun 2020	5.0	2.5	7.6	5.0	2.5	7.5	5.2	2.5	7.9
Penta1	Jul 2020	-4.9	-7.4	-2.3	-4.8	-7.3	-2.3	-5.0	-7.7	-2.3
Penta1	Aug 2020	-2.8	-5.4	-0.3	-2.8	-5.3	-0.3	-2.9	-5.5	-0.3
Penta1	Sep 2020	4.4	1.9	7.0	4.4	1.9	6.9	4.6	1.9	7.3
Penta1	Oct 2020	-8.7	-11.3	-6.2	-8.6	-11.2	-6.1	-9.0	-11.8	-6.2
Penta1	Nov 2020	-7.9	-10.4	-5.3	-7.8	-10.3	-5.2	-8.1	-10.9	-5.4
Penta1	Dec 2020	-10.2	-12.8	-7.6	-10.1	-12.7	-7.5	-10.6	-13.4	-7.7
<b>Penta1</b>	<b>Total Covid Period</b>	<b>-3.9</b>	<b>-5.0</b>	<b>-2.8</b>	<b>-3.9</b>	<b>-4.9</b>	<b>-2.8</b>	<b>-4.0</b>	<b>-5.2</b>	<b>-2.8</b>
Penta3	Mar 2020	-2.8	-5.8	0.2	-2.8	-5.7	0.2	-2.8	-5.9	0.2
Penta3	Apr 2020	-5.2	-8.2	-2.2	-5.2	-8.2	-2.2	-5.3	-8.4	-2.2
Penta3	May 2020	-7.5	-10.5	-4.5	-7.4	-10.4	-4.4	-7.6	-10.8	-4.5
Penta3	Jun 2020	-1.3	-4.3	1.6	-1.3	-4.3	1.6	-1.4	-4.4	1.7
Penta3	Jul 2020	-9.1	-12.2	-6.1	-9.1	-12.1	-6.1	-9.3	-12.5	-6.1
Penta3	Aug 2020	-5.2	-8.2	-2.2	-5.2	-8.1	-2.2	-5.3	-8.4	-2.2
Penta3	Sep 2020	0.3	-2.7	3.3	0.3	-2.7	3.3	0.3	-2.7	3.3
Penta3	Oct 2020	-7.5	-10.5	-4.5	-7.4	-10.4	-4.4	-7.6	-10.7	-4.5
Penta3	Nov 2020	-7.7	-10.7	-4.7	-7.7	-10.7	-4.7	-7.9	-11.0	-4.7
Penta3	Dec 2020	-11.6	-14.6	-8.6	-11.5	-14.6	-8.5	-11.8	-15.1	-8.5
<b>Penta3</b>	<b>Total Covid Period</b>	<b>-5.7</b>	<b>-7.0</b>	<b>-4.4</b>	<b>-5.7</b>	<b>-7.0</b>	<b>-4.4</b>	<b>-5.8</b>	<b>-7.2</b>	<b>-4.4</b>
C-section	Mar 2020	-0.3	-5.5	4.9	-0.4	-8.4	7.6	-0.1	-2.8	2.5
C-section	Apr 2020	0.2	-5.0	5.4	0.4	-7.6	8.4	0.1	-2.5	2.7
C-section	May 2020	-1.3	-6.5	3.9	-2.0	-10.1	6.0	-0.7	-3.3	2.0
C-section	Jun 2020	4.2	-1.0	9.5	6.5	-1.6	14.7	2.1	-0.5	4.8
C-section	Jul 2020	1.4	-3.8	6.6	2.1	-5.9	10.2	0.7	-1.9	3.3
C-section	Aug 2020	-0.6	-5.8	4.6	-0.9	-8.9	7.1	-0.3	-2.9	2.3
C-section	Sep 2020	0.8	-4.4	6.0	1.3	-6.8	9.3	0.4	-2.2	3.0
C-section	Oct 2020	-7.3	-12.6	-2.1	-11.3	-19.7	-2.9	-3.7	-6.4	-1.0
C-section	Nov 2020	-2.3	-7.5	2.9	-3.6	-11.7	4.4	-1.2	-3.8	1.4
C-section	Dec 2020	-2.7	-7.9	2.5	-4.2	-12.3	3.9	-1.4	-4.0	1.3
<b>C-section</b>	<b>Total Covid Period</b>	<b>-0.8</b>	<b>-3.0</b>	<b>1.4</b>	<b>-1.2</b>	<b>-4.6</b>	<b>2.2</b>	<b>-0.4</b>	<b>-1.5</b>	<b>0.7</b>
Measles vaccination	Mar 2020	5.0	1.8	8.1	4.9	1.8	8.1	5.1	1.8	8.3
Measles vaccination	Apr 2020	-6.6	-9.7	-3.4	-6.5	-9.7	-3.4	-6.7	-10.0	-3.4
Measles vaccination	May 2020	0.4	-2.8	3.5	0.4	-2.7	3.5	0.4	-2.8	3.6
Measles vaccination	Jun 2020	4.3	1.2	7.5	4.3	1.1	7.4	4.4	1.1	7.6
Measles vaccination	Jul 2020	-11.8	-15.0	-8.6	-11.7	-14.9	-8.5	-12.0	-15.5	-8.5
Measles vaccination	Aug 2020	-11.9	-15.2	-8.7	-11.9	-15.1	-8.7	-12.2	-15.7	-8.7
Measles vaccination	Sep 2020	7.6	4.4	10.7	7.5	4.3	10.7	7.7	4.4	11.0
Measles vaccination	Oct 2020	-0.2	-3.3	3.0	-0.2	-3.3	2.9	-0.2	-3.4	3.0
Measles vaccination	Nov 2020	-5.1	-8.2	-1.9	-5.0	-8.2	-1.9	-5.2	-8.4	-1.9
Measles vaccination	Dec 2020	-7.5	-10.7	-4.3	-7.5	-10.6	-4.3	-7.7	-11.0	-4.3
<b>Measles vaccination</b>	<b>Total Covid Period</b>	<b>-2.6</b>	<b>-3.9</b>	<b>-1.2</b>	<b>-2.6</b>	<b>-3.9</b>	<b>-1.2</b>	<b>-2.6</b>	<b>-4.0</b>	<b>-1.2</b>
OPD	Mar 2020	12.7	8.0	17.4	16.1	9.8	22.3	8.0	5.0	11.0
OPD	Apr 2020	-5.5	-10.0	-1.0	-6.9	-12.7	-1.2	-3.5	-6.3	-0.6
OPD	May 2020	-22.3	-27.4	-17.3	-28.1	-35.3	-21.0	-14.1	-17.5	-10.7
OPD	Jun 2020	-3.0	-7.5	1.5	-3.8	-9.4	1.9	-1.9	-4.7	0.9
OPD	Jul 2020	-4.6	-9.1	-0.1	-5.8	-11.5	-0.1	-2.9	-5.8	-0.1
OPD	Aug 2020	-3.0	-7.5	1.5	-3.8	-9.4	1.9	-1.9	-4.7	0.9
OPD	Sep 2020	3.1	-1.4	7.6	3.9	-1.8	9.6	1.9	-0.9	4.8
OPD	Oct 2020	-6.0	-10.5	-1.5	-7.6	-13.4	-1.9	-3.8	-6.7	-1.0
OPD	Nov 2020	-2.9	-7.4	1.6	-3.6	-9.3	2.0	-1.8	-4.6	1.0
OPD	Dec 2020	-1.6	-6.1	2.8	-2.1	-7.7	3.6	-1.0	-3.8	1.8
<b>OPD</b>	<b>Total Covid Period</b>	<b>-3.3</b>	<b>-5.2</b>	<b>-1.4</b>	<b>-4.2</b>	<b>-6.6</b>	<b>-1.7</b>	<b>-2.1</b>	<b>-3.3</b>	<b>-0.9</b>
IPD	Mar 2020	-4.6	-8.8	-0.3	-5.8	-11.2	-0.4	-2.9	-5.5	-0.2
IPD	Apr 2020	-19.2	-23.9	-14.5	-24.3	-30.9	-17.8	-12.0	-15.0	-9.0
IPD	May 2020	-28.6	-33.8	-23.4	-36.3	-44.0	-28.5	-17.9	-21.4	-14.5
IPD	Jun 2020	-16.3	-20.8	-11.7	-20.6	-26.8	-14.4	-10.2	-13.1	-7.2
IPD	Jul 2020	-12.5	-16.9	-8.1	-15.9	-21.8	-10.0	-7.8	-10.6	-5.0
IPD	Aug 2020	-11.1	-15.4	-6.7	-14.1	-19.8	-8.3	-6.9	-9.7	-4.2
IPD	Sep 2020	-4.9	-9.2	-0.7	-6.2	-11.7	-0.8	-3.1	-5.7	-0.4
IPD	Oct 2020	-6.7	-10.9	-2.4	-8.4	-13.9	-3.0	-4.2	-6.8	-1.5
IPD	Nov 2020	-4.5	-8.8	-0.3	-5.7	-11.1	-0.3	-2.8	-5.5	-0.2
IPD	Dec 2020	-4.8	-9.0	-0.6	-6.1	-11.5	-0.7	-3.0	-5.6	-0.3
<b>IPD</b>	<b>Total Covid Period</b>	<b>-11.1</b>	<b>-13.2</b>	<b>-9.0</b>	<b>-14.0</b>	<b>-17.0</b>	<b>-10.9</b>	<b>-7.0</b>	<b>-8.4</b>	<b>-5.6</b>



		ZAMBIA								
Indicator	Month/Period	National			Rural			Urban		
		%change	Lower bound	Upper bound	%change	Lower bound	Upper bound	%change	Lower bound	Upper bound
ANC1	Mar 2020	-2.0	-6.4	2.3	-2.5	-7.7	2.8	-0.9	-2.8	1.0
ANC1	Apr 2020	-9.4	-13.8	-5.0	-11.3	-16.6	-6.1	-4.2	-6.1	-2.2
ANC1	May 2020	-21.9	-26.2	-17.5	-26.4	-31.7	-21.0	-9.7	-11.7	-7.8
ANC1	Jun 2020	6.5	2.1	10.9	7.9	2.6	13.2	2.9	1.0	4.8
ANC1	Jul 2020	-8.8	-13.1	-4.4	-10.6	-15.9	-5.3	-3.9	-5.9	-2.0
ANC1	Aug 2020	-6.1	-10.4	-1.7	-7.3	-12.6	-2.1	-2.7	-4.6	-0.8
ANC1	Sep 2020	2.7	-1.7	7.1	3.3	-2.0	8.5	1.2	-0.7	3.1
ANC1	Oct 2020	-10.1	-14.4	-5.7	-12.1	-17.4	-6.9	-4.5	-6.4	-2.5
ANC1	Nov 2020	-1.5	-5.9	2.8	-1.9	-7.1	3.4	-0.7	-2.6	1.3
ANC1	Dec 2020	3.6	-0.8	8.0	4.4	-0.9	9.6	1.6	-0.3	3.5
<b>ANC1</b>	<b>Total Covid Period</b>	<b>-4.7</b>	<b>-6.5</b>	<b>-2.8</b>	<b>-5.6</b>	<b>-7.9</b>	<b>-3.4</b>	<b>-2.1</b>	<b>-2.9</b>	<b>-1.2</b>
ANC4	Mar 2020	-15.8	-22.4	-9.2	-18.4	-26.2	-10.6	-7.8	-11.0	-4.5
ANC4	Apr 2020	-5.9	-12.5	0.6	-6.9	-14.6	0.8	-2.9	-6.2	0.3
ANC4	May 2020	-22.4	-29.1	-15.7	-26.1	-34.0	-18.2	-11.0	-14.3	-7.7
ANC4	Jun 2020	-13.2	-19.8	-6.5	-15.3	-23.1	-7.6	-6.5	-9.7	-3.2
ANC4	Jul 2020	-15.3	-21.9	-8.7	-17.8	-25.6	-10.1	-7.5	-10.8	-4.3
ANC4	Aug 2020	-26.2	-32.9	-19.4	-30.5	-38.5	-22.5	-12.9	-16.2	-9.6
ANC4	Sep 2020	-17.8	-24.5	-11.2	-20.8	-28.6	-13.0	-8.8	-12.0	-5.5
ANC4	Oct 2020	-22.1	-28.8	-15.4	-25.8	-33.7	-17.9	-10.9	-14.2	-7.6
ANC4	Nov 2020	-20.9	-27.6	-14.2	-24.4	-32.2	-16.5	-10.3	-13.6	-7.0
ANC4	Dec 2020	-21.7	-28.4	-15.0	-25.3	-33.2	-17.4	-10.7	-14.0	-7.4
<b>ANC4</b>	<b>Total Covid Period</b>	<b>-17.5</b>	<b>-20.4</b>	<b>-14.7</b>	<b>-20.3</b>	<b>-23.8</b>	<b>-16.9</b>	<b>-8.8</b>	<b>-10.2</b>	<b>-7.3</b>
Deliveries	Mar 2020	-13.7	-18.9	-8.5	-16.8	-23.3	-10.4	-5.8	-8.0	-3.6
Deliveries	Apr 2020	-16.4	-21.6	-11.2	-20.2	-26.6	-13.7	-7.0	-9.2	-4.8
Deliveries	May 2020	-17.5	-22.7	-12.3	-21.5	-28.0	-15.0	-7.4	-9.6	-5.2
Deliveries	Jun 2020	-16.4	-21.6	-11.2	-20.1	-26.6	-13.7	-7.0	-9.2	-4.8
Deliveries	Jul 2020	-16.0	-21.2	-10.8	-19.7	-26.1	-13.2	-6.8	-9.0	-4.6
Deliveries	Aug 2020	-13.0	-18.2	-7.9	-16.0	-22.4	-9.6	-5.5	-7.7	-3.3
Deliveries	Sep 2020	-14.2	-19.4	-9.1	-17.5	-23.9	-11.1	-6.0	-8.2	-3.9
Deliveries	Oct 2020	-13.8	-19.0	-8.6	-16.9	-23.4	-10.5	-5.9	-8.0	-3.7
Deliveries	Nov 2020	-14.3	-19.5	-9.1	-17.6	-24.0	-11.2	-6.1	-8.3	-3.9
Deliveries	Dec 2020	-11.6	-16.8	-6.4	-14.2	-20.6	-7.9	-4.9	-7.1	-2.7
<b>Deliveries</b>	<b>Total Covid Period</b>	<b>-14.3</b>	<b>-16.5</b>	<b>-12.1</b>	<b>-17.5</b>	<b>-20.3</b>	<b>-14.7</b>	<b>-6.2</b>	<b>-7.1</b>	<b>-5.2</b>
Penta1	Mar 2020	-5.5	-10.0	-0.9	-6.8	-12.5	-1.1	-2.3	-4.2	-0.4
Penta1	Apr 2020	-5.1	-9.7	-0.5	-6.3	-12.0	-0.7	-2.1	-4.0	-0.2
Penta1	May 2020	-3.0	-7.6	1.6	-3.7	-9.4	2.0	-1.2	-3.1	0.7
Penta1	Jun 2020	7.0	2.4	11.6	8.7	3.0	14.4	2.9	1.0	4.8
Penta1	Jul 2020	-6.0	-10.5	-1.4	-7.4	-13.1	-1.7	-2.5	-4.4	-0.6
Penta1	Aug 2020	-3.0	-7.6	1.6	-3.7	-9.4	1.9	-1.3	-3.1	0.6
Penta1	Sep 2020	2.7	-1.9	7.3	3.3	-2.4	9.0	1.1	-0.8	3.0
Penta1	Oct 2020	6.4	1.8	11.0	7.9	2.2	13.6	2.6	0.7	4.5
Penta1	Nov 2020	0.9	-3.6	5.5	1.2	-4.5	6.8	0.4	-1.5	2.3
Penta1	Dec 2020	-0.4	-5.0	4.2	-0.5	-6.2	5.2	-0.2	-2.1	1.7
<b>Penta1</b>	<b>Total Covid Period</b>	<b>-0.6</b>	<b>-2.6</b>	<b>1.4</b>	<b>-0.7</b>	<b>-3.2</b>	<b>1.7</b>	<b>-0.2</b>	<b>-1.1</b>	<b>0.6</b>
Penta3	Mar 2020	-4.9	-9.4	-0.3	-6.0	-11.7	-0.4	-2.0	-3.9	-0.1
Penta3	Apr 2020	-7.0	-11.5	-2.4	-8.6	-14.3	-3.0	-2.9	-4.8	-1.0
Penta3	May 2020	-2.1	-6.7	2.4	-2.7	-8.3	3.0	-0.9	-2.8	1.0
Penta3	Jun 2020	14.0	9.3	18.6	17.3	11.5	23.0	5.8	3.9	7.7
Penta3	Jul 2020	-2.6	-7.2	1.9	-3.2	-8.9	2.4	-1.1	-3.0	0.8
Penta3	Aug 2020	-0.9	-5.4	3.7	-1.1	-6.7	4.6	-0.4	-2.3	1.5
Penta3	Sep 2020	3.0	-1.6	7.6	3.7	-1.9	9.4	1.3	-0.6	3.2
Penta3	Oct 2020	6.2	1.6	10.8	7.7	2.0	13.4	2.6	0.7	4.5
Penta3	Nov 2020	4.0	-0.5	8.6	5.0	-0.7	10.7	1.7	-0.2	3.6
Penta3	Dec 2020	3.1	-1.4	7.7	3.9	-1.8	9.5	1.3	-0.6	3.2
<b>Penta3</b>	<b>Total Covid Period</b>	<b>1.3</b>	<b>-0.7</b>	<b>3.3</b>	<b>1.6</b>	<b>-0.8</b>	<b>4.0</b>	<b>0.5</b>	<b>-0.3</b>	<b>1.4</b>
C-section	Mar 2020	-20.0	-38.1	-1.9	-28.2	-55.2	-1.2	-6.5	-12.0	-0.9
C-section	Apr 2020	-23.1	-41.5	-4.7	-32.6	-60.5	-4.7	-7.4	-13.0	-1.8
C-section	May 2020	-22.0	-40.3	-3.7	-31.0	-58.6	-3.5	-7.1	-12.7	-1.5
C-section	Jun 2020	-16.8	-34.6	1.0	-23.7	-49.8	2.5	-5.4	-10.9	0.1
C-section	Jul 2020	-19.6	-37.7	-1.6	-27.7	-54.6	-0.8	-6.3	-11.9	-0.8
C-section	Aug 2020	-23.0	-41.4	-4.6	-32.4	-60.2	-4.5	-7.4	-13.0	-1.8
C-section	Sep 2020	-20.4	-38.5	-2.2	-28.7	-55.8	-1.6	-6.6	-12.1	-1.0
C-section	Oct 2020	-18.5	-36.4	-0.5	-26.0	-52.6	0.6	-5.9	-11.5	-0.4
C-section	Nov 2020	-27.4	-46.4	-8.4	-38.6	-67.9	-9.3	-8.8	-14.5	-3.2
C-section	Dec 2020	-18.6	-36.6	-0.7	-26.3	-52.9	0.3	-6.0	-11.6	-0.4
<b>C-section</b>	<b>Total Covid Period</b>	<b>-20.2</b>	<b>-29.2</b>	<b>-11.1</b>	<b>-28.0</b>	<b>-43.0</b>	<b>-13.0</b>	<b>-6.7</b>	<b>-9.2</b>	<b>-4.2</b>
Measles vaccination	Mar 2020	-12.5	-18.2	-6.8	-15.8	-23.1	-8.6	-4.9	-7.1	-2.6
Measles vaccination	Apr 2020	-13.6	-19.3	-7.9	-17.3	-24.6	-10.0	-5.3	-7.6	-3.1
Measles vaccination	May 2020	-7.3	-13.0	-1.6	-9.3	-16.6	-2.1	-2.9	-5.1	-0.6
Measles vaccination	Jun 2020	1.7	-4.0	7.5	2.2	-5.1	9.5	0.7	-1.6	2.9
Measles vaccination	Jul 2020	-16.5	-22.2	-10.7	-20.9	-28.2	-13.6	-6.5	-8.7	-4.2
Measles vaccination	Aug 2020	-2.4	-8.1	3.3	-3.0	-10.3	4.3	-0.9	-3.2	1.3
Measles vaccination	Sep 2020	-5.3	-11.0	0.4	-6.7	-13.9	0.6	-2.1	-4.3	0.2
Measles vaccination	Oct 2020	4.7	-1.0	10.5	6.0	-1.3	13.3	1.9	-0.4	4.1
Measles vaccination	Nov 2020	5.5	-0.3	11.2	7.0	-0.4	14.3	2.1	-0.1	4.4
Measles vaccination	Dec 2020	-9.1	-14.8	-3.4	-11.6	-18.9	-4.3	-3.6	-5.8	-1.3
<b>Measles vaccination</b>	<b>Total Covid Period</b>	<b>-5.4</b>	<b>-7.8</b>	<b>-3.0</b>	<b>-6.9</b>	<b>-9.9</b>	<b>-3.8</b>	<b>-2.1</b>	<b>-3.1</b>	<b>-1.2</b>
OPD	Mar 2020	10.7	5.0	16.4	13.3	6.1	20.5	4.4	2.0	6.7
OPD	Apr 2020	5.0	-0.7	10.6	6.2	-0.8	13.2	2.0	-0.3	4.4
OPD	May 2020	-7.5	-13.1	-1.8	-9.3	-16.3	-2.2	-3.1	-5.4	-0.7
OPD	Jun 2020	-10.0	-15.6	-4.3	-12.4	-19.5	-5.3	-4.1	-6.4	-1.8
OPD	Jul 2020	-11.9	-17.6	-6.2	-14.8	-21.9	-7.7	-4.9	-7.2	-2.6
OPD	Aug 2020	-14.9	-20.6	-9.2	-18.5	-25.8	-11.3	-6.1	-8.5	-3.8
OPD	Sep 2020	-3.6	-9.2	2.0	-4.5	-11.5	2.5	-1.5	-3.8	0.8
OPD	Oct 2020	1.4	-4.2	7.0	1.7	-5.3	8.7	0.6	-1.7	2.9
OPD	Nov 2020	6.9	1.2	12.5	8.5	1.5	15.6	2.8	0.5	5.1
OPD	Dec 2020	9.0	3.3	14.7	11.2	4.1	18.3	3.7	1.4	6.0
<b>OPD</b>	<b>Total Covid Period</b>	<b>-1.5</b>	<b>-3.9</b>	<b>0.9</b>	<b>-1.9</b>	<b>-4.9</b>	<b>1.1</b>	<b>-0.6</b>	<b>-1.6</b>	<b>0.4</b>

**% CHANGE IN HOSPITAL ADMISSION OVER MARCH-DECEMBER  
2020 BY FIRST LEVEL SUBNATIONAL AREA**

Country and region	Indicator	%change	Lower bound	Upper bound
<b>BURKINA FASO</b>				
Boucle du Mouhoun	ipd	2.7	-3.8	9.2
Cascades	ipd	1.7	-2.4	5.8
Centre	ipd	1.0	-1.3	3.2
Centre Est	ipd	3.0	-4.2	10.2
Centre Nord	ipd	3.9	-5.9	13.8
Centre Ouest	ipd	3.3	-4.7	11.2
Centre Sud	ipd	5.4	-9.9	20.7
Est	ipd	2.1	-2.9	7.1
Hauts Bassins	ipd	2.7	-3.8	9.3
Nord	ipd	2.8	-4.0	9.6
Plateau central	ipd	2.5	-3.7	8.8
Sahel	ipd	2.0	-2.7	6.7
Sud Ouest	ipd	2.4	-3.3	8.1
<b>COTE D'IVOIRE</b>				
Abidjan 1	ipd	-1.5	-4.1	1.1
Abidjan 2	ipd	-3.8	-11.9	4.3
Agneby-Tiassa	ipd	-2.2	-6.5	2.0
Bafing	ipd	-8.6	-46.1	28.9
Bagoue	ipd	-11.3	-72.9	50.3
Belier	ipd	-2.6	-7.4	2.3
Bere	ipd	-11.8	-80.3	56.6
Bounkani	ipd	-13.4	-88.7	61.9
Cavally	ipd	-4.3	-14.2	5.7
Folon	ipd	-31.5	-597.6	534.7
Gbeke	ipd	-16.6	-110.1	76.8
Gbokle	ipd	-3.5	-12.3	5.3
Gontougo	ipd	-3.9	-12.4	4.6
Grands Ponts	ipd	-2.2	-6.3	2.0
Guemon	ipd	-2.3	-6.7	2.1
Gôh	ipd	-1.7	-4.9	1.4
Hambol	ipd	-2.2	-6.3	1.9
Hautassandra	ipd	-0.9	-2.4	0.6
Iffou	ipd	-3.2	-10.3	3.8
Indenie-Duablin	ipd	-2.8	-8.5	2.9
Kabadougou	ipd	-3.5	-12.5	5.5
Lôh-Djiboua	ipd	-1.9	-5.3	1.5
Marahoue	ipd	-2.7	-8.1	2.7
Me	ipd	-3.7	-11.6	4.3
Moronou	ipd	-3.4	-11.0	4.3
N'zi	ipd	-3.6	-11.9	4.7
Nawa	ipd	-3.5	-10.8	3.9
Poro	ipd	-2.4	-6.8	2.0
San Pedro	ipd	-1.3	-3.6	1.0
Sud-Comoe	ipd	-2.3	-6.7	2.0
Tchologo	ipd	-4.5	-16.5	7.5
Tonkpi	ipd	-2.8	-8.4	2.7
Worodougou	ipd	-5.0	-26.2	16.2

**% CHANGE IN HOSPITAL ADMISSION OVER MARCH-DECEMBER  
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Country and region	Indicator	%change	Lower bound	Upper bound
<b>GHANA</b>				
Ahafo	ipd	-20.2	-39.1	-1.3
Ashanti	ipd	-14.5	-18.5	-10.6
Bono	ipd	-13.8	-20.3	-7.4
Bono East	ipd	-15.3	-23.5	-7.1
Central	ipd	-17.8	-25.9	-9.8
Eastern	ipd	-20.7	-29.7	-11.7
Greater Accra	ipd	-22.2	-33.0	-11.5
North East	ipd	-21.4	-42.7	-0.1
Northern	ipd	-13.3	-18.4	-8.1
Oti	ipd	-23.7	-46.3	-1.1
Savannah	ipd	-33.1	-80.1	13.9
Upper East	ipd	-18.1	-27.8	-8.3
Upper West	ipd	-14.9	-22.7	-7.2
Volta	ipd	-16.3	-23.6	-9.0
Western	ipd	-13.0	-18.4	-7.7
Western North	ipd	-19.8	-34.8	-4.8
<b>KENYA</b>				
Baringo	ipd	-41.4	-54.1	-28.7
Bomet	ipd	-49.9	-67.8	-31.9
Bungoma	ipd	-10.9	-12.6	-9.2
Busia	ipd	-21.5	-25.7	-17.3
Elgeyo Marakwet	ipd	-49.7	-67.6	-31.9
Embu	ipd	-44.2	-58.5	-29.8
Garissa	ipd	-46.1	-62.3	-29.8
Homa Bay	ipd	-25.1	-30.4	-19.7
Isiolo	ipd	-95.1	-157.6	-32.7
Kajiado	ipd	-27.2	-33.4	-21.0
Kakamega	ipd	-10.8	-12.5	-9.2
Kericho	ipd	-18.1	-21.4	-14.8
Kiambu	ipd	-8.7	-10.0	-7.4
Kilifi	ipd	-22.8	-27.4	-18.1
Kirinyaga	ipd	-20.5	-24.4	-16.6
Kisii	ipd	-15.2	-17.8	-12.7
Kisumu	ipd	-10.7	-12.4	-9.1
Kitui	ipd	-26.9	-32.9	-20.8
Kwale	ipd	-49.7	-67.6	-31.9
Laikipia	ipd	-71.1	-106.4	-35.8
Lamu	ipd	-124.2	-229.6	-18.8
Machakos	ipd	-18.1	-21.4	-14.8
Makueni	ipd	-33.0	-41.7	-24.4
Mandera	ipd	-144.2	-290.3	1.9
Marsabit	ipd	-87.6	-140.9	-34.3
Meru	ipd	-16.2	-19.0	-13.4
Migori	ipd	-16.6	-19.5	-13.7
Mombasa	ipd	-14.7	-17.2	-12.3
Muranga	ipd	-34.3	-43.3	-25.2
Nairobi	ipd	-5.4	-6.2	-4.6
Nakuru	ipd	-9.7	-11.1	-8.2
Nandi	ipd	-35.2	-44.7	-25.7
Narok	ipd	-41.9	-55.0	-28.9
Nyamira	ipd	-80.6	-125.6	-35.5
Nyandarua	ipd	-51.1	-69.8	-32.3
Nyeri	ipd	-21.5	-25.7	-17.3
Samburu	ipd	-103.3	-176.5	-30.1
Siaya	ipd	-23.8	-28.7	-18.8
Taita Taveta	ipd	-80.3	-125.0	-35.6
Tana River	ipd	-224.9	-568.9	119.0
Tharaka Nithi	ipd	-53.6	-74.1	-33.1
Trans Nzoia	ipd	-32.2	-40.3	-24.0
Turkana	ipd	-50.8	-69.5	-32.2
Uasin Gishu	ipd	-52.0	-71.4	-32.6
Vihiga	ipd	-34.4	-43.5	-25.2
Wajir	ipd	-98.4	-165.0	-31.9
West Pokot	ipd	-43.5	-57.4	-29.6



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Country and region	Indicator	%change	Lower bound	Upper bound
<b>MALI</b>				
Bamako	ipd	-7.7	-17.7	2.3
Gao	ipd	-9.4	-22.5	3.7
Kayes	ipd	-8.9	-20.5	2.6
Kidal	ipd	-10.7	-25.4	4.1
Koulikoro	ipd	-5.4	-12.2	1.5
Menaka	ipd	-10.0	-24.2	4.3
Mopti	ipd	-8.4	-19.2	2.5
Segou	ipd	-8.4	-19.3	2.5
Sikasso	ipd	-10.1	-23.2	3.1
Taoudenit	ipd	-12.4	-29.3	4.6
Tombouctou	ipd	-6.2	-14.3	1.8
<b>NIGER</b>				
Agadez	ipd	-31.7	-88.9	25.6
Diffa	ipd	-40.8	-140.0	58.4
Dosso	ipd	-16.6	-33.8	0.5
Maradi	ipd	-30.4	-77.2	16.5
Niamey	ipd	-7.7	-13.8	-1.5
Tahoua	ipd	-25.2	-54.2	3.9
Tillaberi	ipd	-43.2	-120.2	33.8
Zinder	ipd	-21.9	-46.3	2.5
<b>TANZANIA</b>				
Arusha	ipd	-10.4	-15.6	-5.1
Dar Es Salaam	ipd	-3.9	-5.0	-2.9
Dodoma	ipd	-11.2	-16.9	-5.5
Geita	ipd	-17.9	-34.3	-1.6
Iringa	ipd	-13.9	-24.6	-3.1
Kagera	ipd	-6.5	-8.6	-4.4
Katavi	ipd	-30.1	-80.0	19.7
Kigoma	ipd	-8.6	-12.0	-5.1
Kilimanjaro	ipd	-8.8	-12.6	-5.0
Lindi	ipd	-14.4	-25.0	-3.8
Manyara	ipd	-12.7	-20.4	-5.0
Mara	ipd	-11.2	-16.6	-5.8
Mbeya	ipd	-10.5	-15.9	-5.1
Morogoro	ipd	-9.4	-13.2	-5.5
Mtwara	ipd	-16.4	-27.6	-5.1
Mwanza	ipd	-10.4	-15.3	-5.4
Njombe	ipd	-11.1	-17.5	-4.7
Pwani	ipd	-18.4	-32.4	-4.3
Rukwa	ipd	-13.0	-23.6	-2.5
Ruvuma	ipd	-8.2	-11.3	-5.0
Shinyanga	ipd	-11.9	-19.3	-4.6
Simiyu	ipd	-22.3	-47.5	2.8
Singida	ipd	-13.5	-22.1	-4.8
Songwe	ipd	-17.3	-34.0	-0.7
Tabora	ipd	-12.6	-19.7	-5.5
Tanga	ipd	-12.9	-19.3	-6.4
<b>UGANDA</b>				
Central	ipd	-13.4	-17.9	-8.9
Eastern	ipd	-21.5	-31.0	-12.0
Northern	ipd	-20.5	-29.0	-12.0
Western	ipd	-17.3	-23.6	-10.9