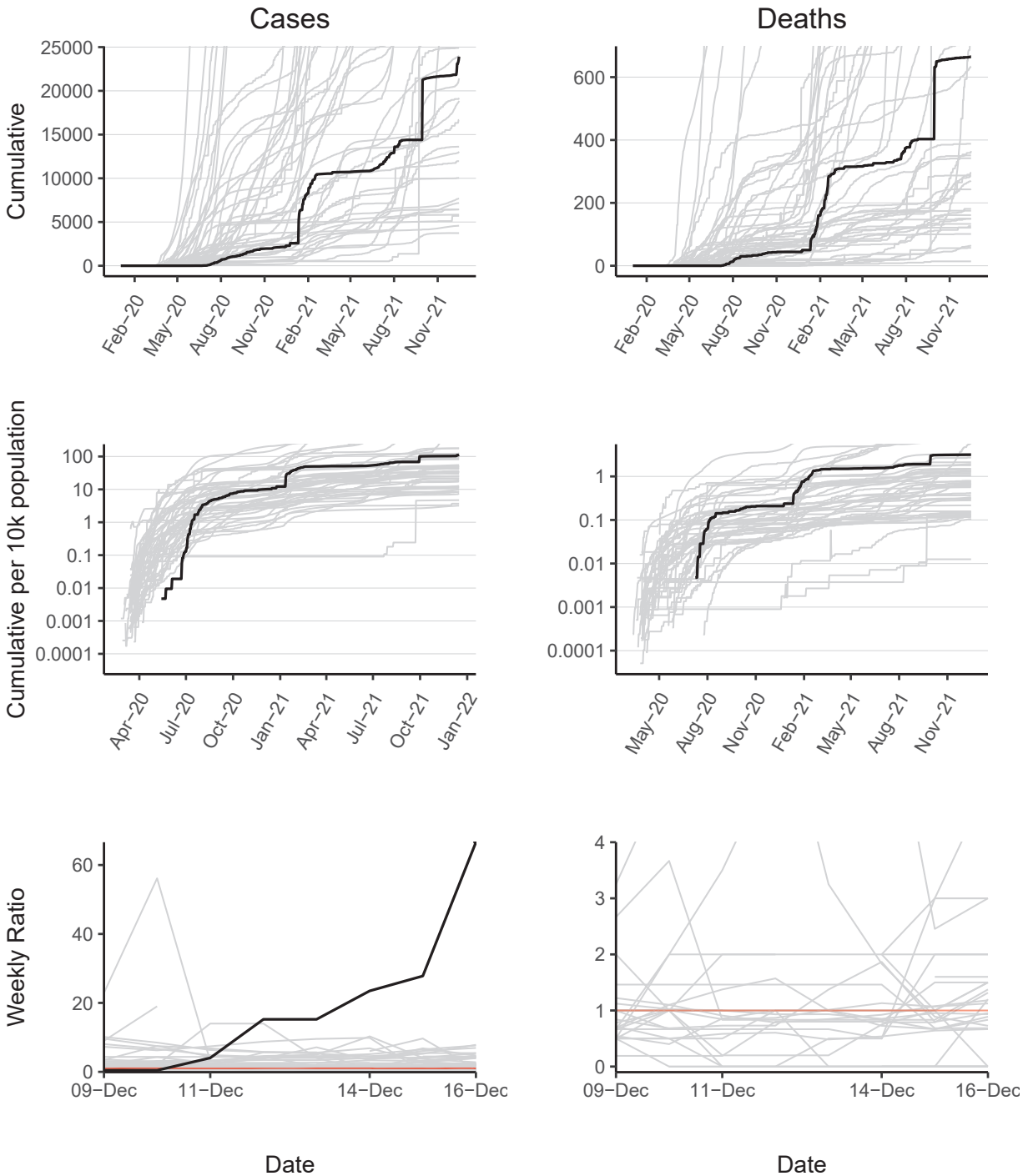
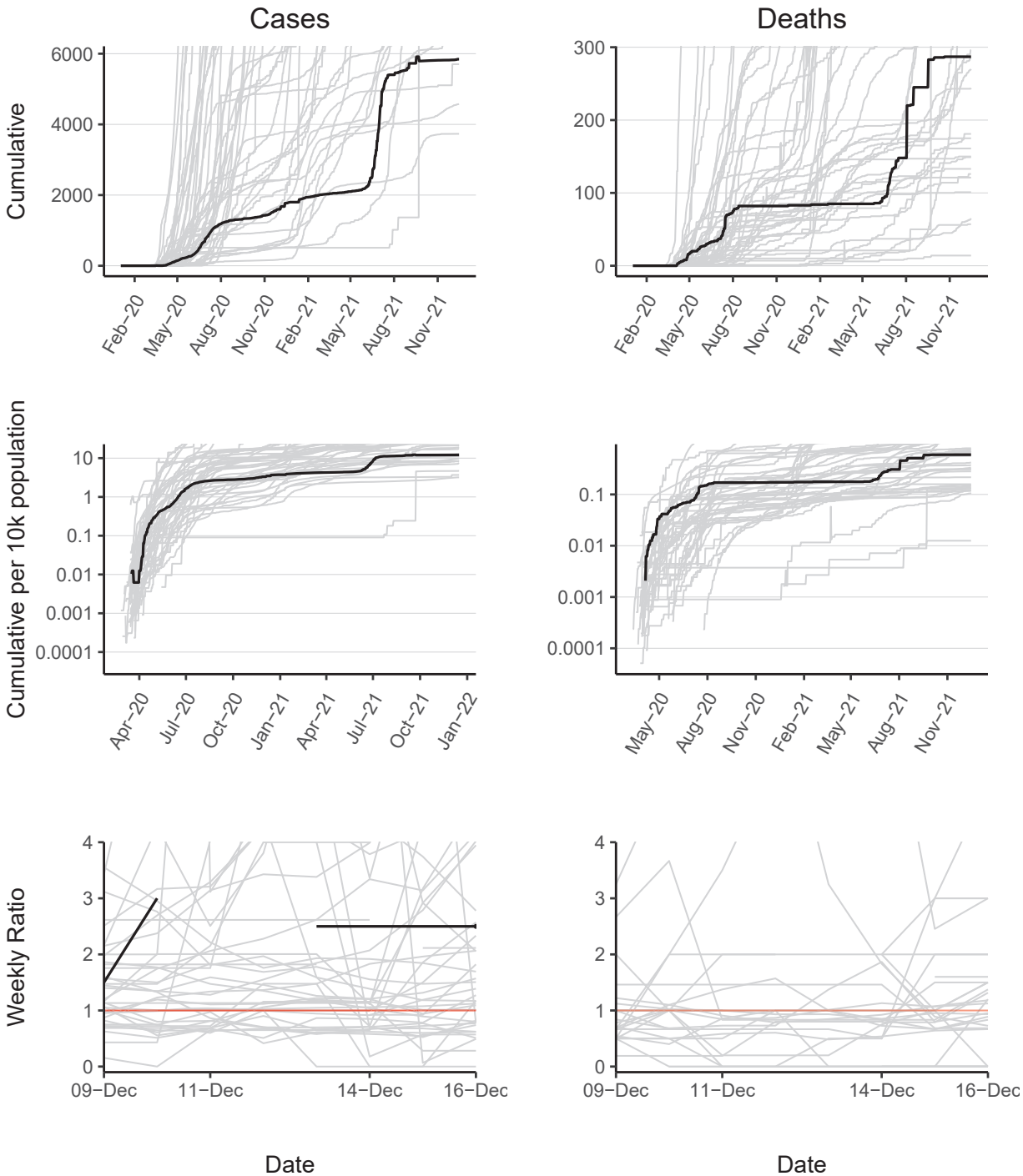
Lesotho



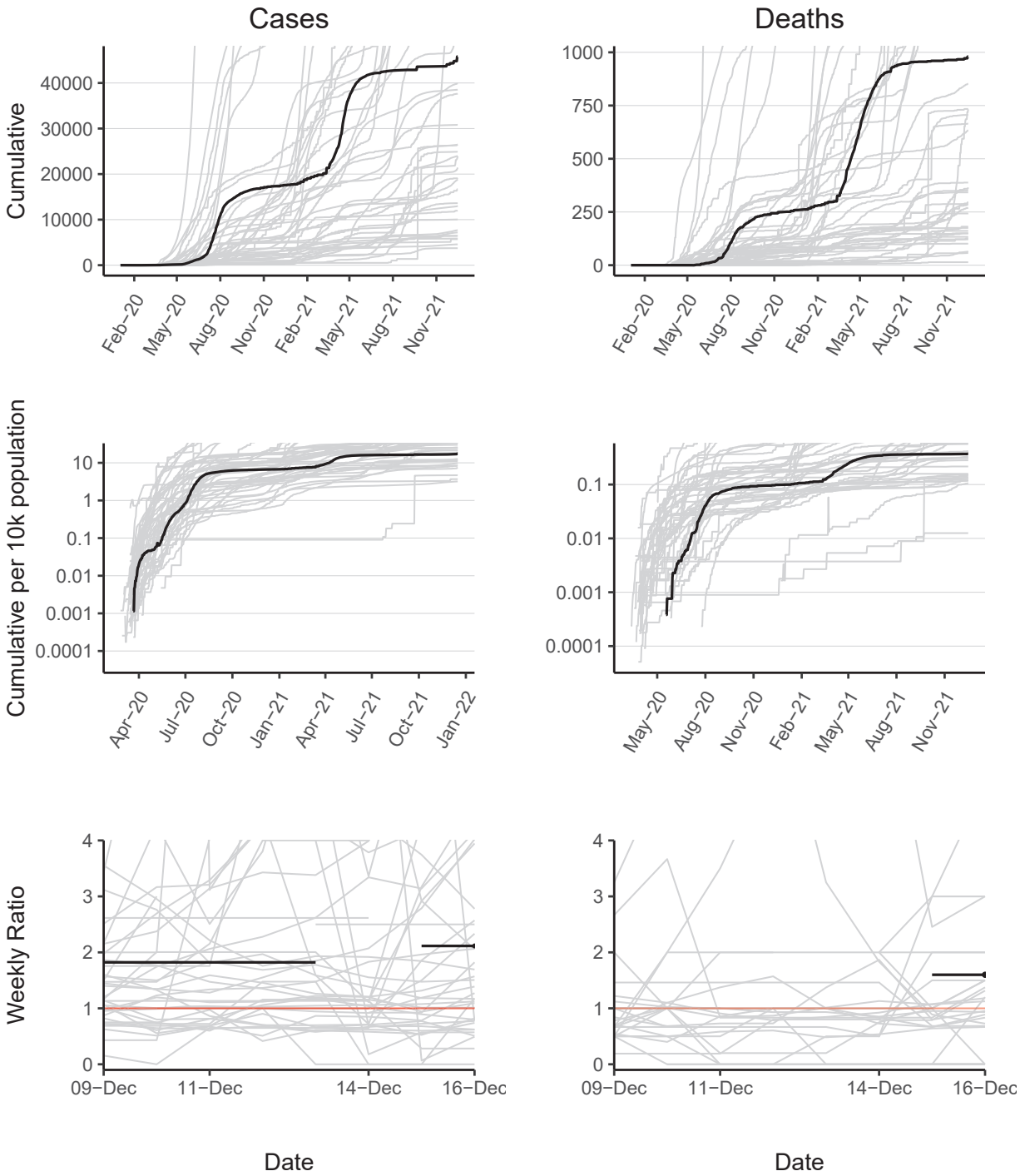
Lesotho has 23903 reported case(s) (31st in the region) and 665 reported death(s) (25th). Cumulative counts per 10,000 population of reported cases and deaths are 110 (12th) and 3.2 (9th) respectively. The weekly ratio of reported cases over the last 2 weeks is 67 (1st). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Liberia



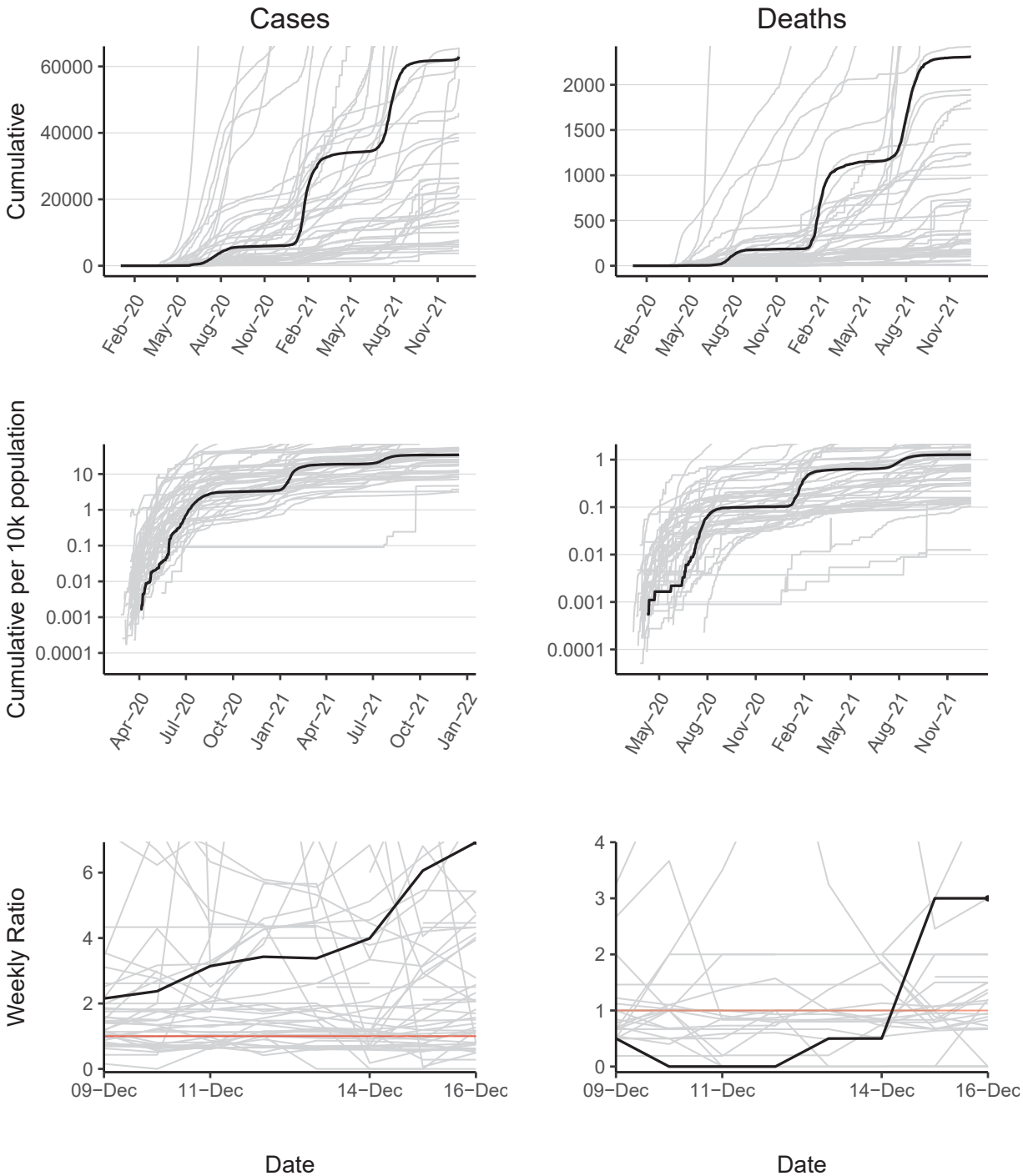
Liberia has 5844 reported case(s) (44th in the region) and 287 reported death(s) (32nd). Cumulative counts per 10,000 population of reported cases and deaths are 12 (38th) and 0.6 (28th) respectively. The weekly ratio of reported cases over the last 2 weeks is 2.5 (17th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Madagascar



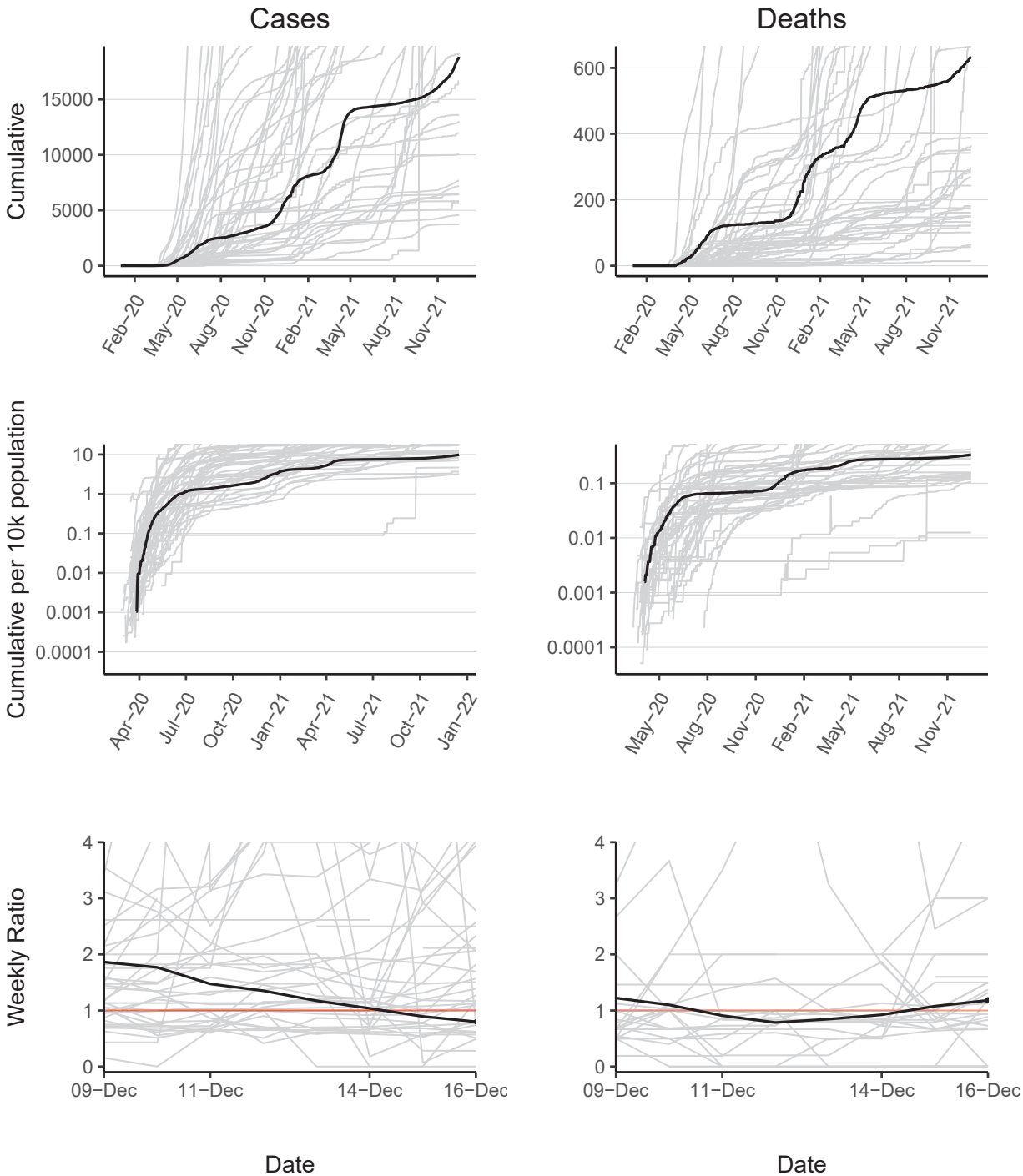
Madagascar has 45794 reported case(s) (22nd in the region) and 980 reported death(s) (20th). Cumulative counts per 10,000 population of reported cases and deaths are 17 (36th) and 0.37 (31st) respectively. The weekly ratio of reported cases over the last 2 weeks is 2.1 (19th). The weekly ratio of reported deaths over the last 2 weeks is 1.6 (8th).

Malawi



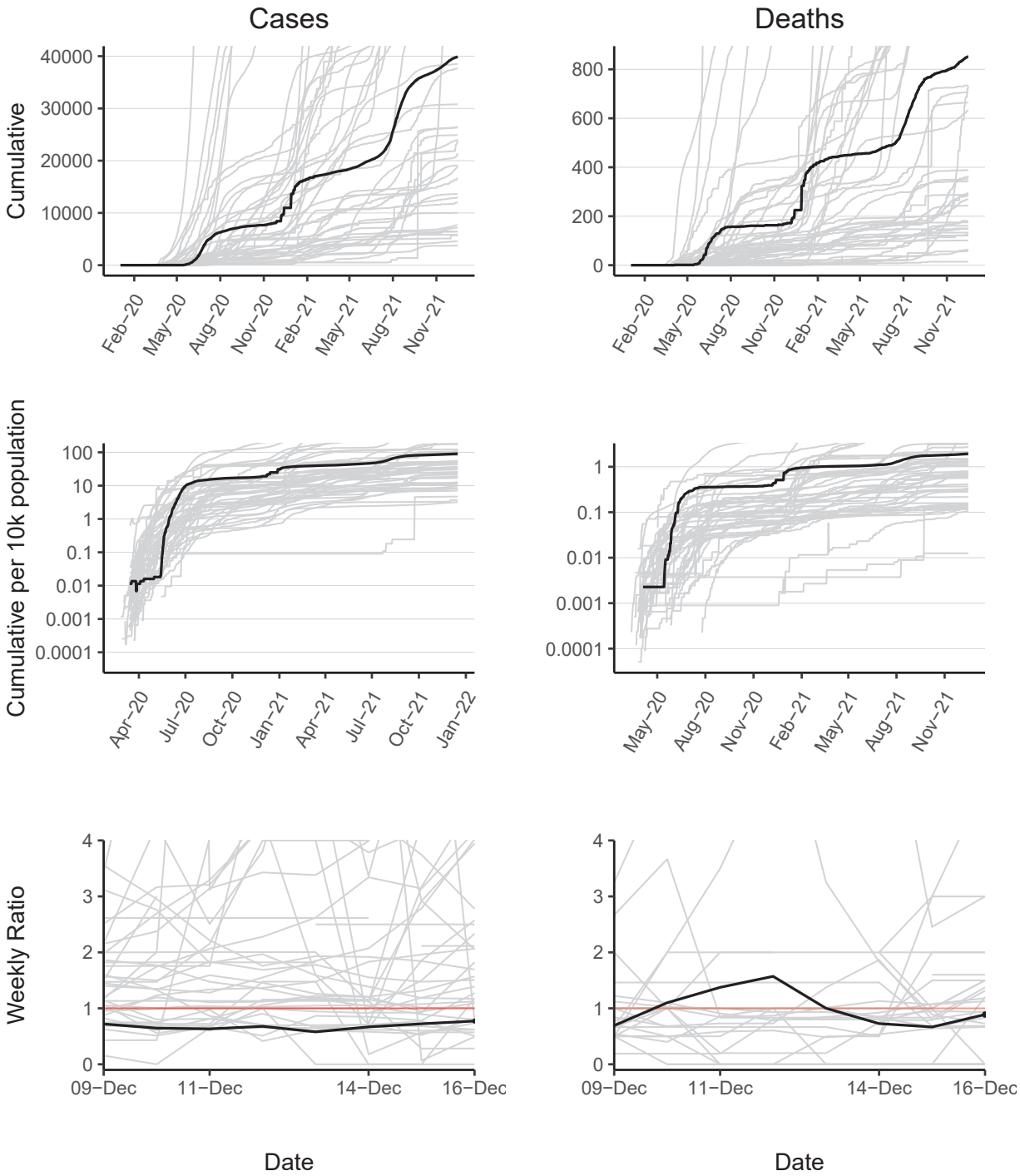
Malawi has 62933 reported case(s) (19th in the region) and 2310 reported death(s) (11th). Cumulative counts per 10,000 population of reported cases and deaths are 35 (25th) and 1.3 (18th) respectively. The weekly ratio of reported cases over the last 2 weeks is 6.9 (4th). The weekly ratio of reported deaths over the last 2 weeks is 3 (3rd).

Mali



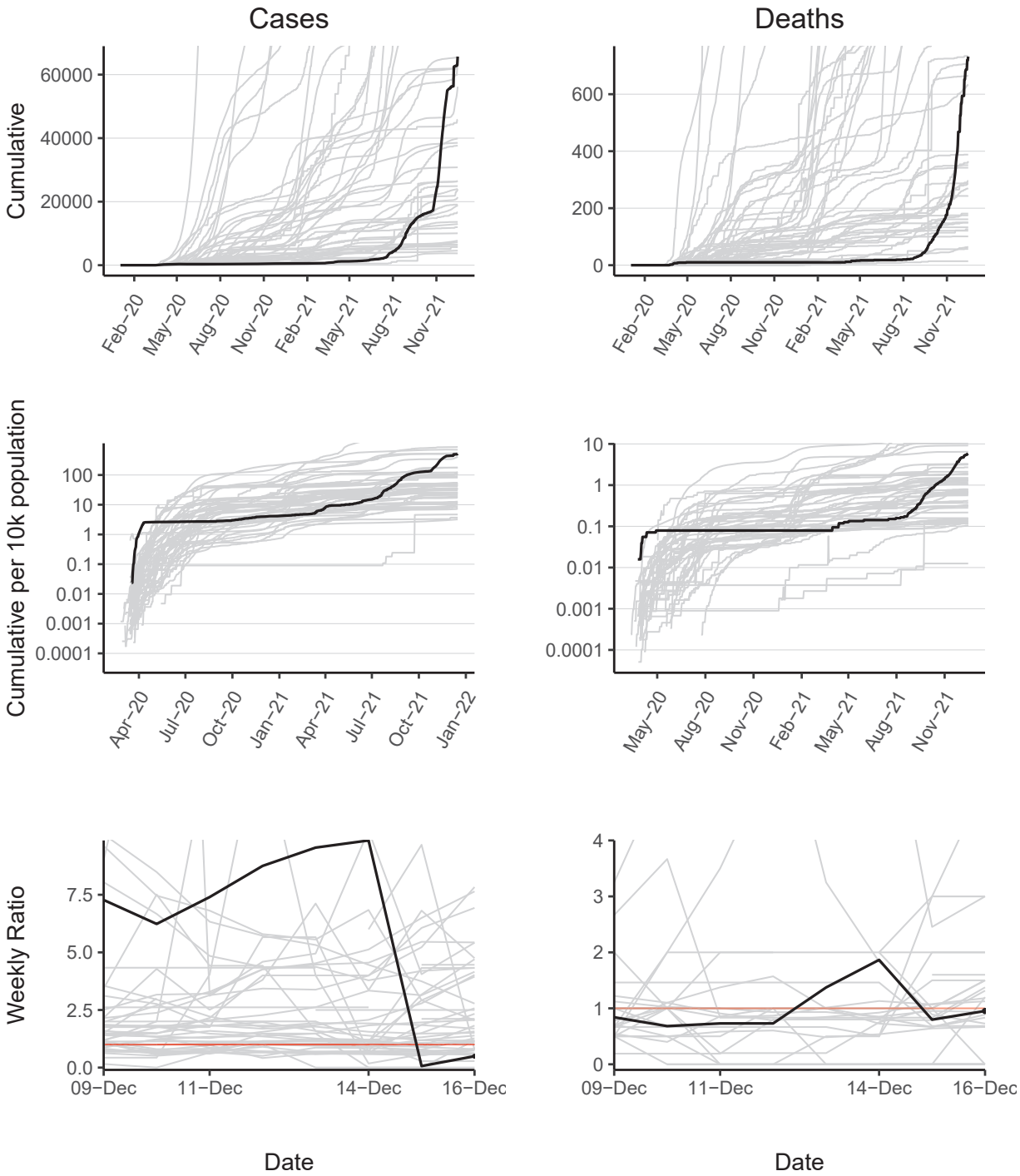
Mali has 18856 reported case(s) (34th in the region) and 634 reported death(s) (26th). Cumulative counts per 10,000 population of reported cases and deaths are 9.9 (41st) and 0.33 (32nd) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.8 (34th). The weekly ratio of reported deaths over the last 2 weeks is 1.2 (15th).

Mauritania



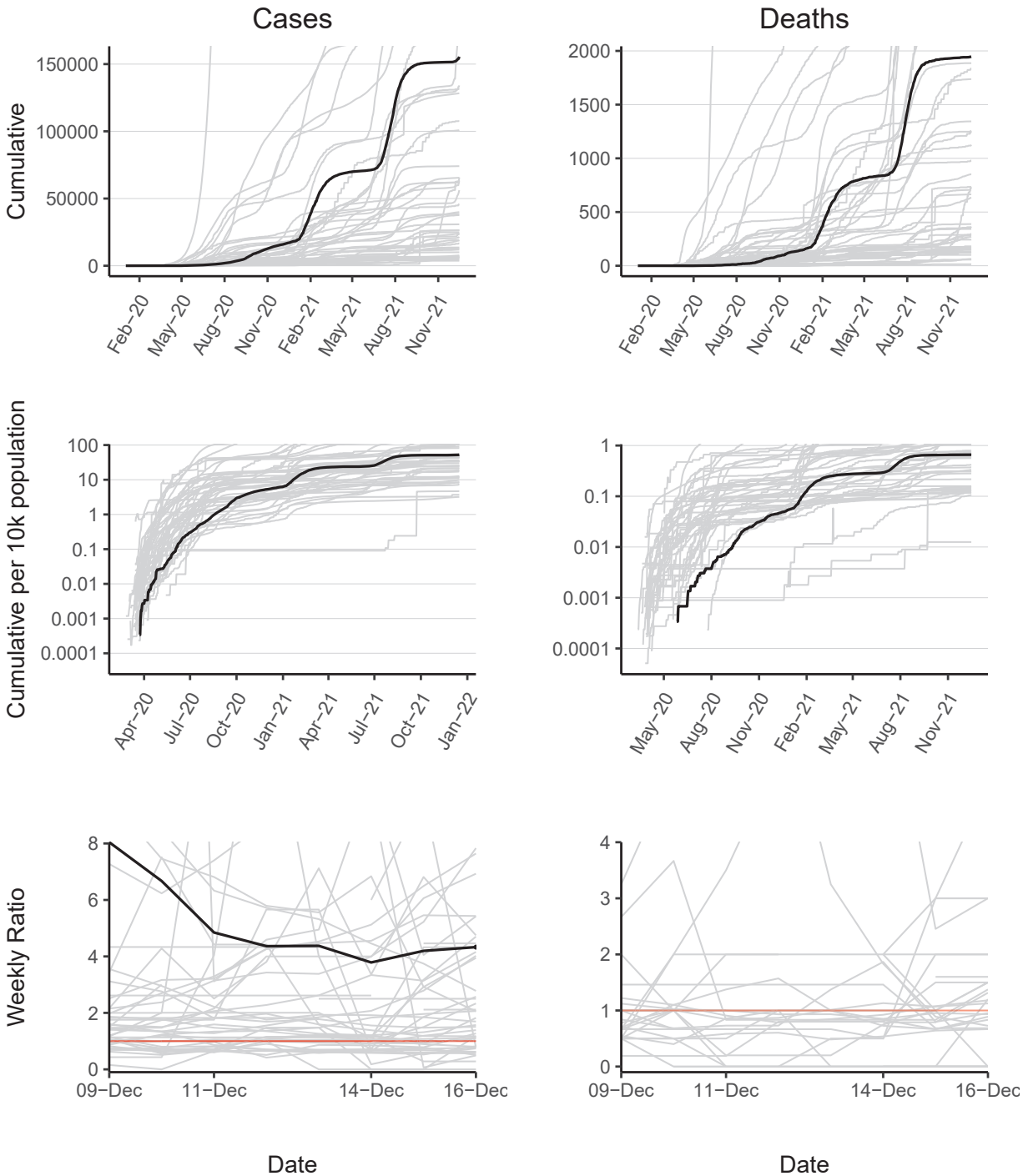
Mauritania has 39924 reported case(s) (23rd in the region) and 852 reported death(s) (21st). Cumulative counts per 10,000 population of reported cases and deaths are 91 (14th) and 1.9 (12th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.77 (36th). The weekly ratio of reported deaths over the last 2 weeks is 0.89 (19th).

Mauritius



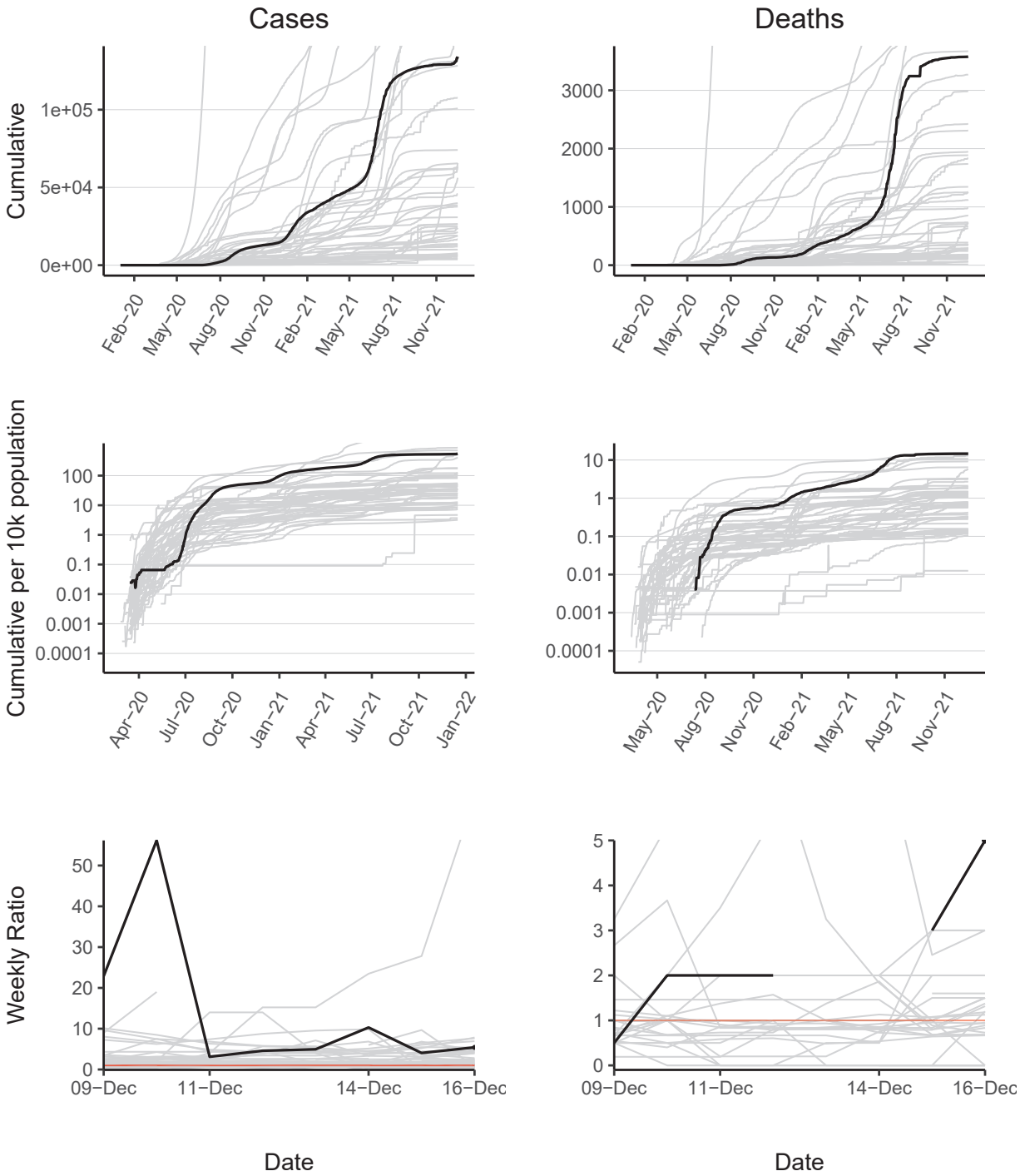
Mauritius has 65678 reported case(s) (16th in the region) and 732 reported death(s) (23rd). Cumulative counts per 10,000 population of reported cases and deaths are 520 (6th) and 5.8 (7th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.49 (42nd). The weekly ratio of reported deaths over the last 2 weeks is 0.95 (17th).

Mozambique



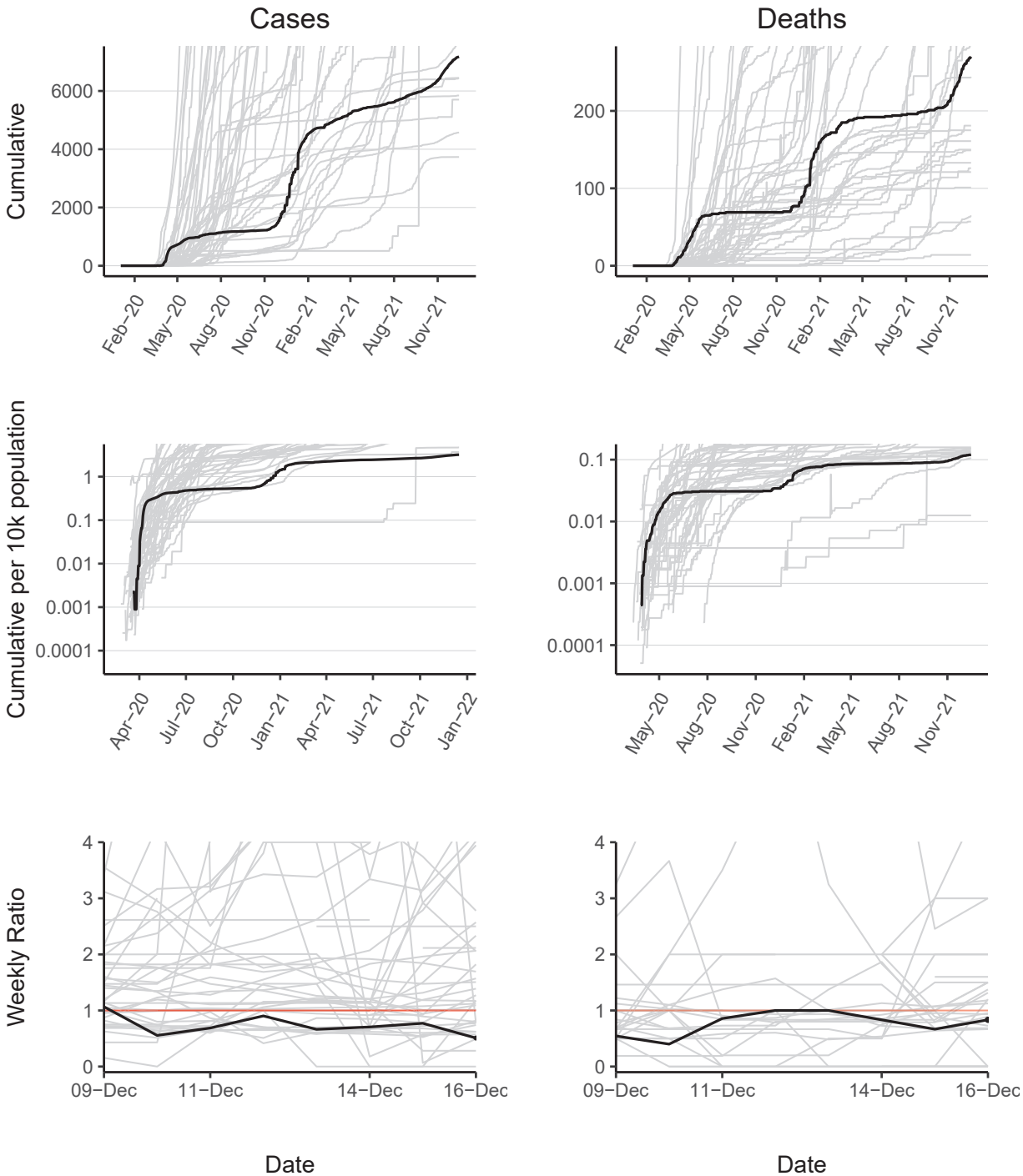
Mozambique has 155495 reported case(s) (9th in the region) and 1946 reported death(s) (12th). Cumulative counts per 10,000 population of reported cases and deaths are 53 (17th) and 0.66 (26th) respectively. The weekly ratio of reported cases over the last 2 weeks is 4.3 (10th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Namibia



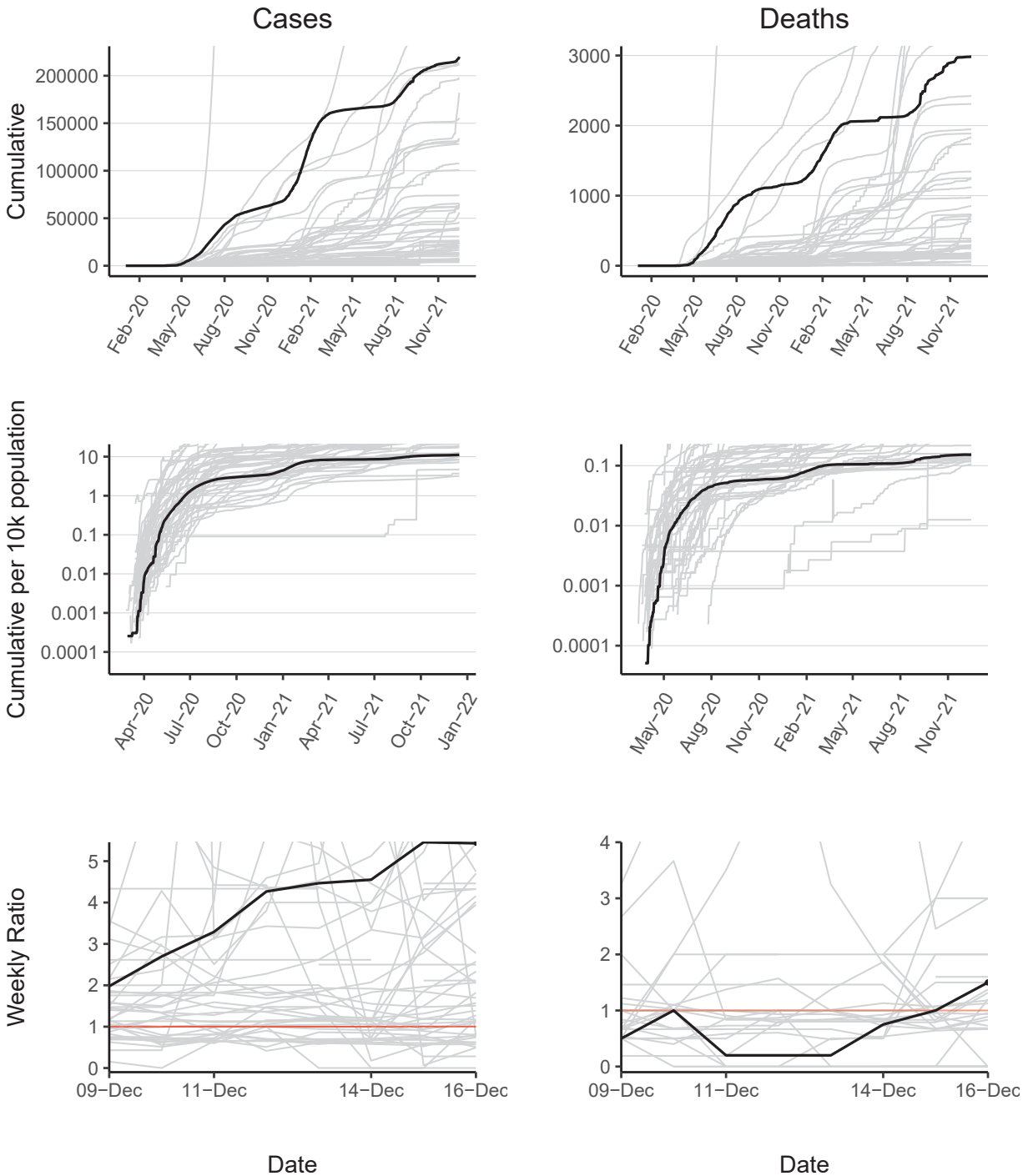
Namibia has 134154 reported case(s) (10th in the region) and 3579 reported death(s) (7th). Cumulative counts per 10,000 population of reported cases and deaths are 550 (5th) and 15 (2nd) respectively. The weekly ratio of reported cases over the last 2 weeks is 5.4 (6th). The weekly ratio of reported deaths over the last 2 weeks is 5 (2nd).

Niger



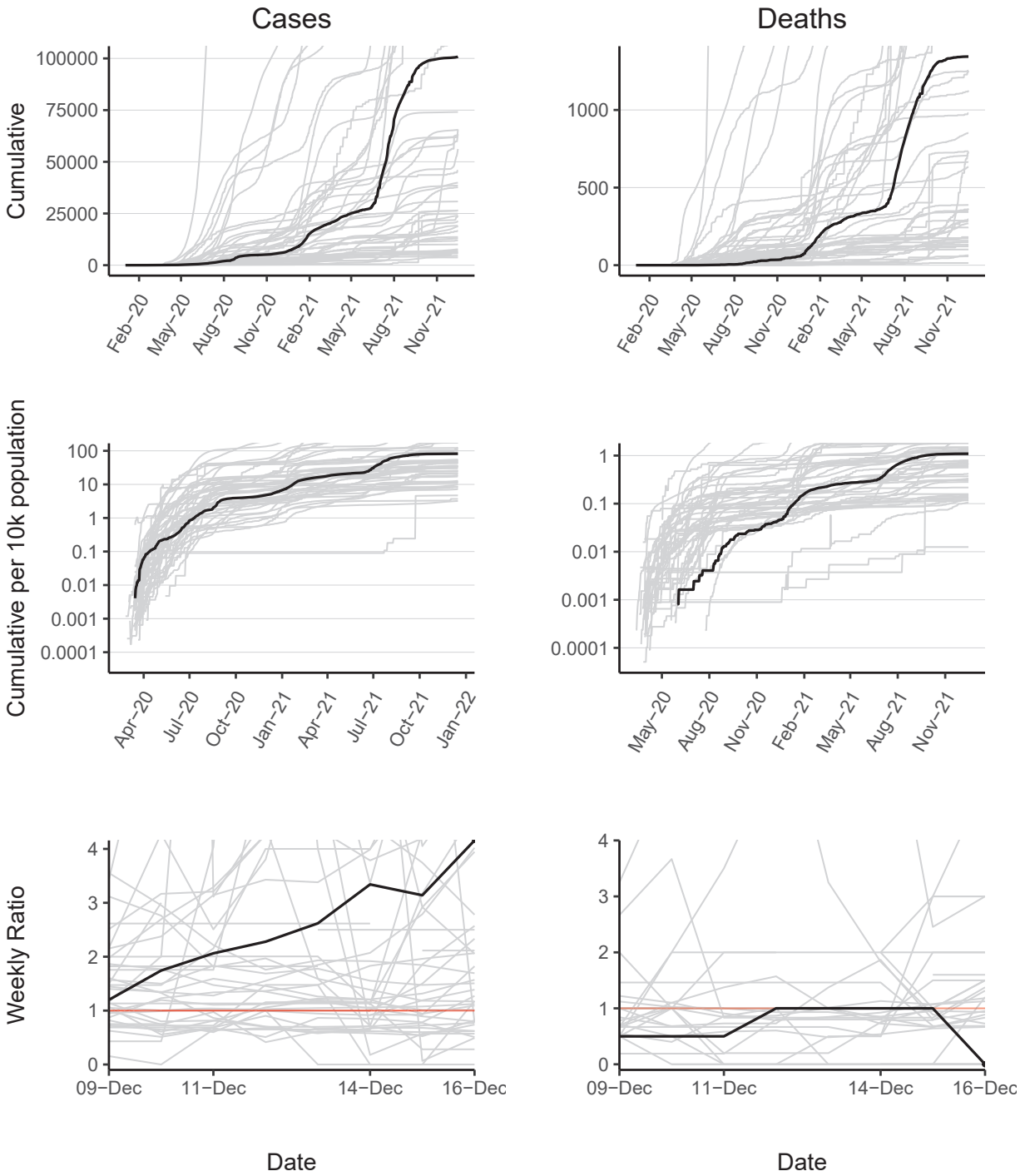
Niger has 7176 reported case(s) (41st in the region) and 270 reported death(s) (34th). Cumulative counts per 10,000 population of reported cases and deaths are 3.2 (47th) and 0.12 (44th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.51 (41st). The weekly ratio of reported deaths over the last 2 weeks is 0.83 (20th).

Nigeria



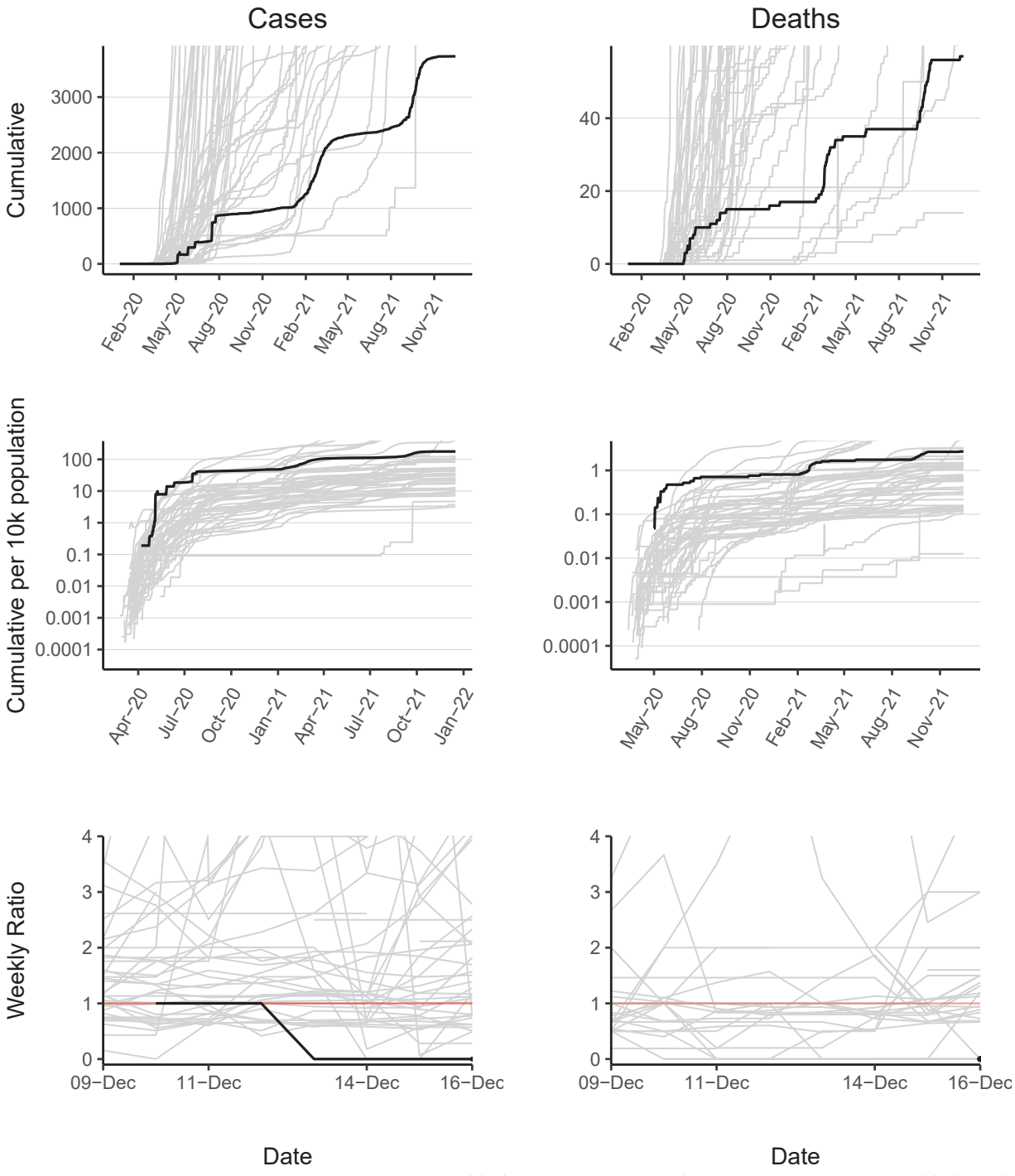
Nigeria has 220020 reported case(s) (4th in the region) and 2983 reported death(s) (9th). Cumulative counts per 10,000 population of reported cases and deaths are 11 (40th) and 0.15 (38th) respectively. The weekly ratio of reported cases over the last 2 weeks is 5.4 (5th). The weekly ratio of reported deaths over the last 2 weeks is 1.5 (11th).

Rwanda



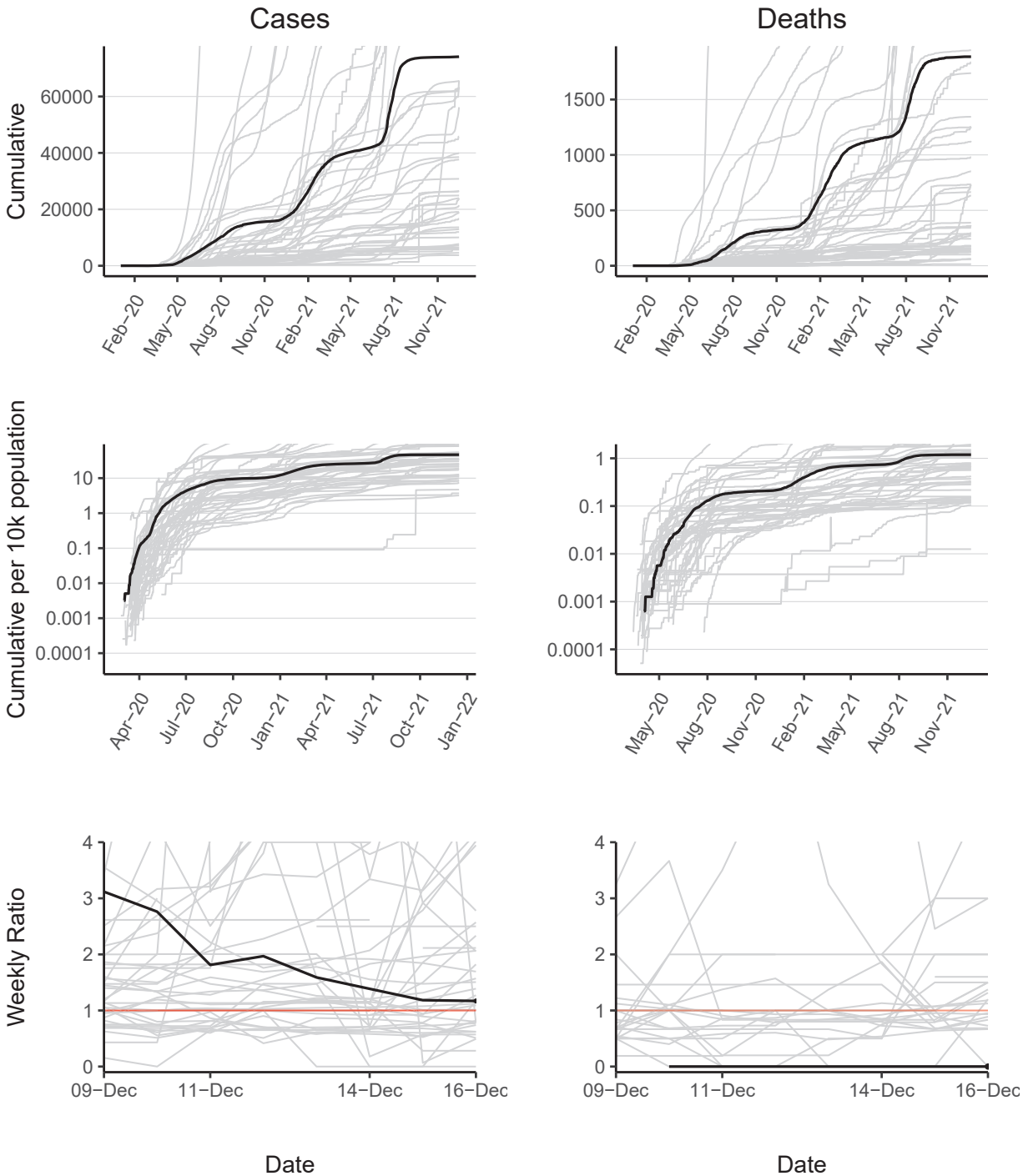
Rwanda has 100888 reported case(s) (14th in the region) and 1344 reported death(s) (16th). Cumulative counts per 10,000 population of reported cases and deaths are 82 (15th) and 1.1 (20th) respectively. The weekly ratio of reported cases over the last 2 weeks is 4.2 (12th). The weekly ratio of reported deaths over the last 2 weeks is 0 (28th).

Sao Tome and Principe



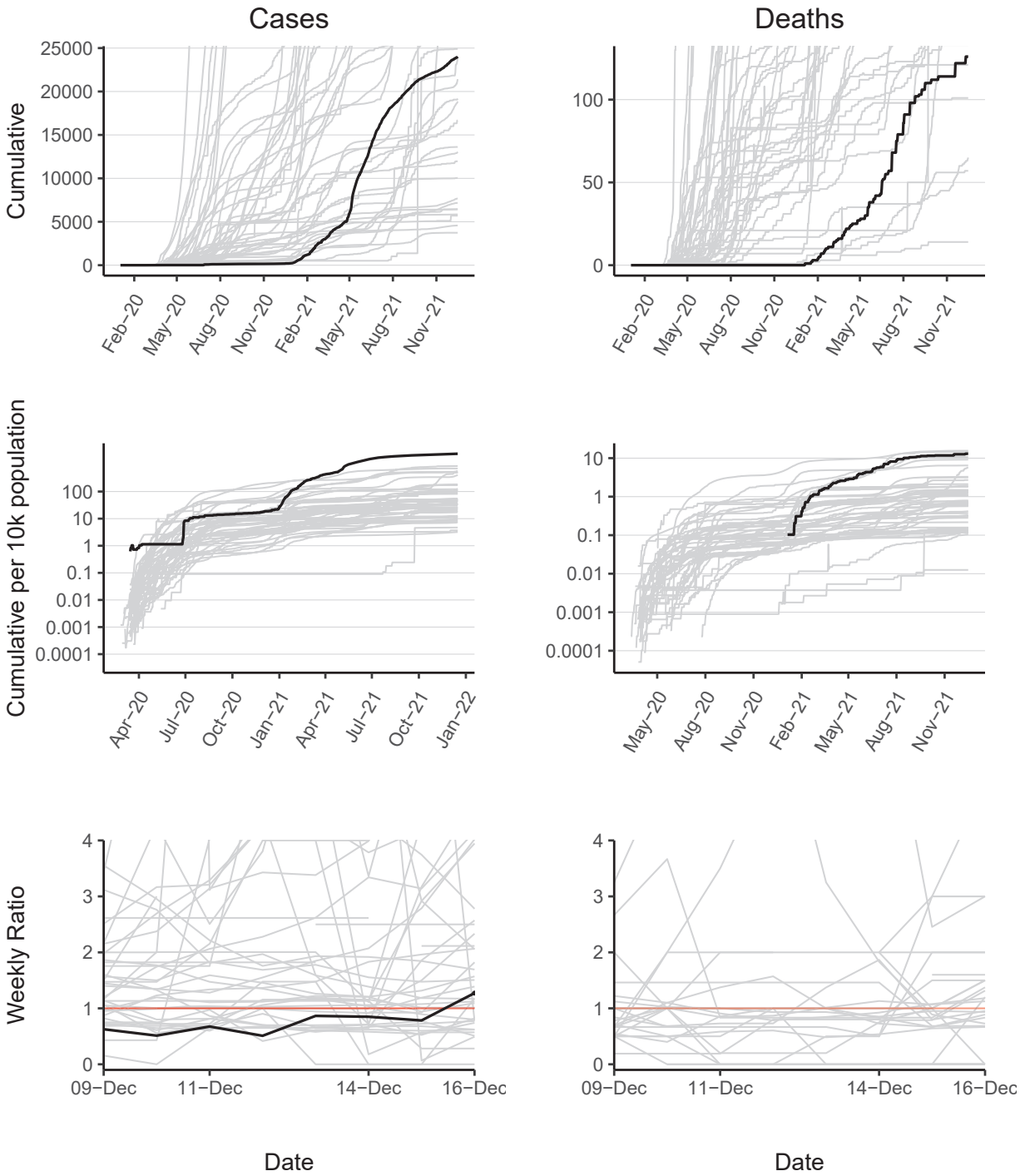
Sao Tome and Principe has 3733 reported case(s) (47th in the region) and 57 reported death(s) (46th). Cumulative counts per 10,000 population of reported cases and deaths are 180 (9th) and 2.7 (10th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0 (45th). The weekly ratio of reported deaths over the last 2 weeks is 0 (29th).

Senegal



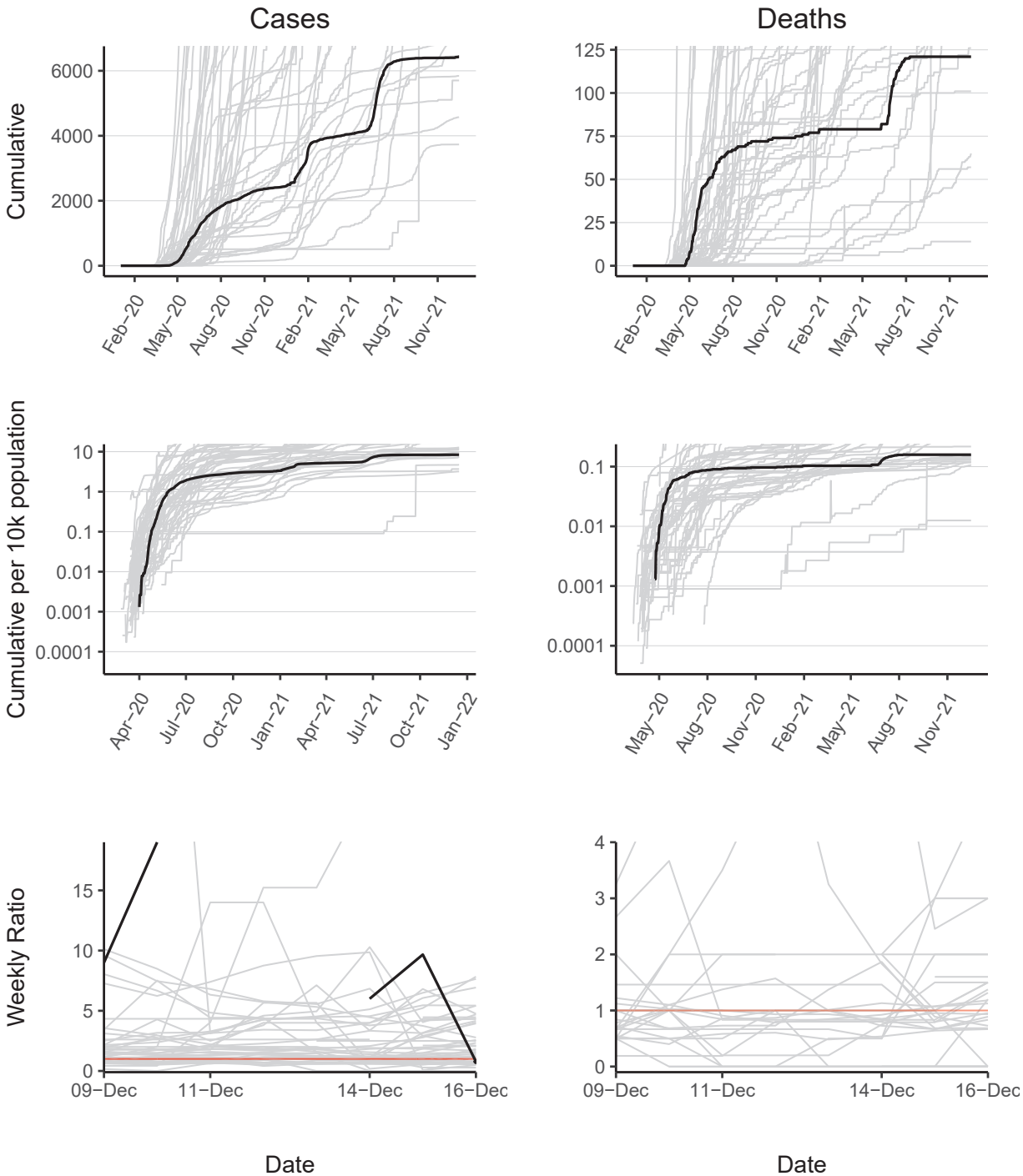
Senegal has 74105 reported case(s) (15th in the region) and 1886 reported death(s) (13th). Cumulative counts per 10,000 population of reported cases and deaths are 47 (20th) and 1.2 (19th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.2 (29th). The weekly ratio of reported deaths over the last 2 weeks is 0 (30th).

Seychelles



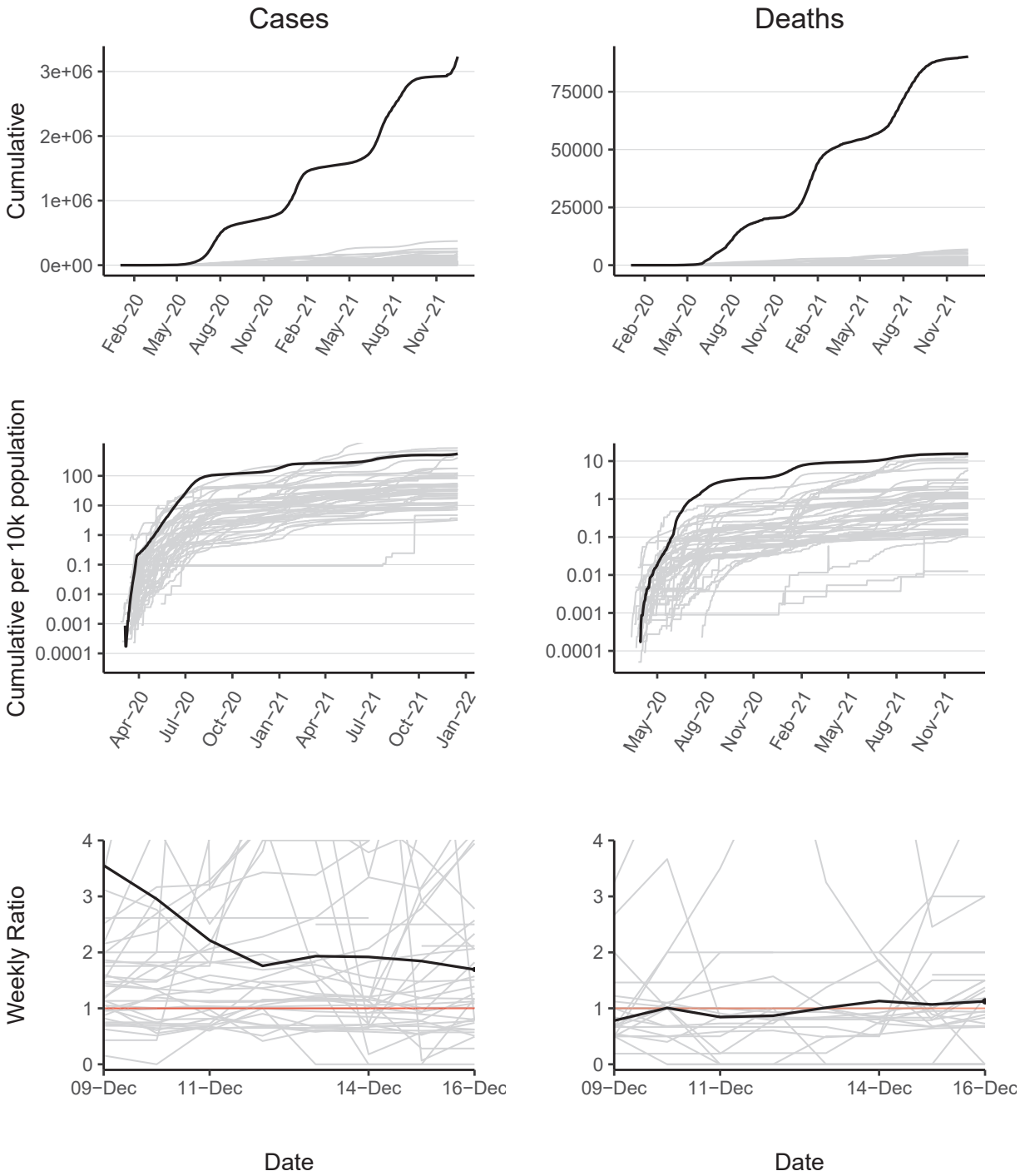
Seychelles has 24021 reported case(s) (30th in the region) and 126 reported death(s) (42nd). Cumulative counts per 10,000 population of reported cases and deaths are 2500 (1st) and 13 (3rd) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.3 (27th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Sierra Leone



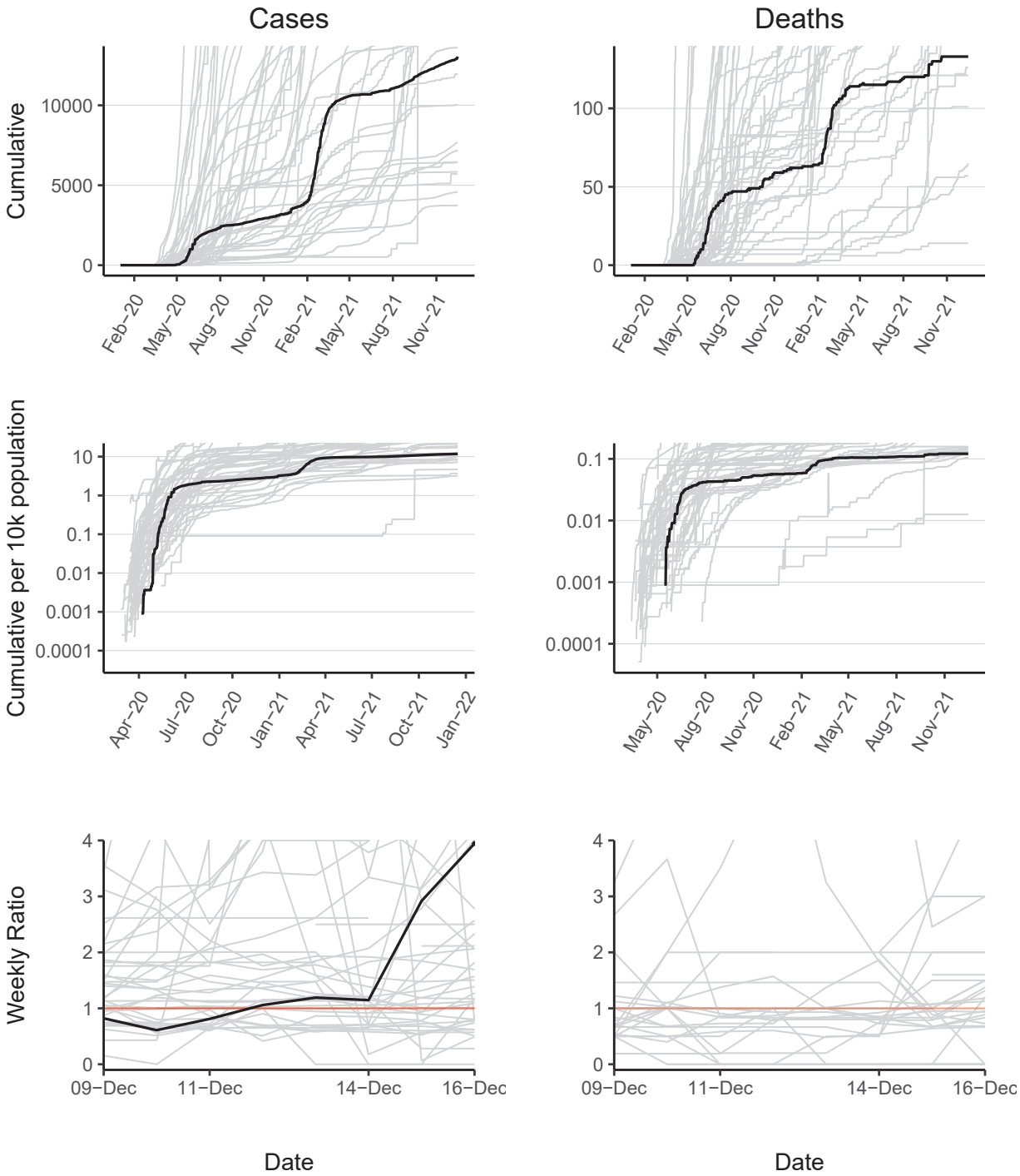
Sierra Leone has 6434 reported case(s) (43rd in the region) and 121 reported death(s) (43rd). Cumulative counts per 10,000 population of reported cases and deaths are 8.4 (43rd) and 0.16 (37th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.78 (35th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

South Africa



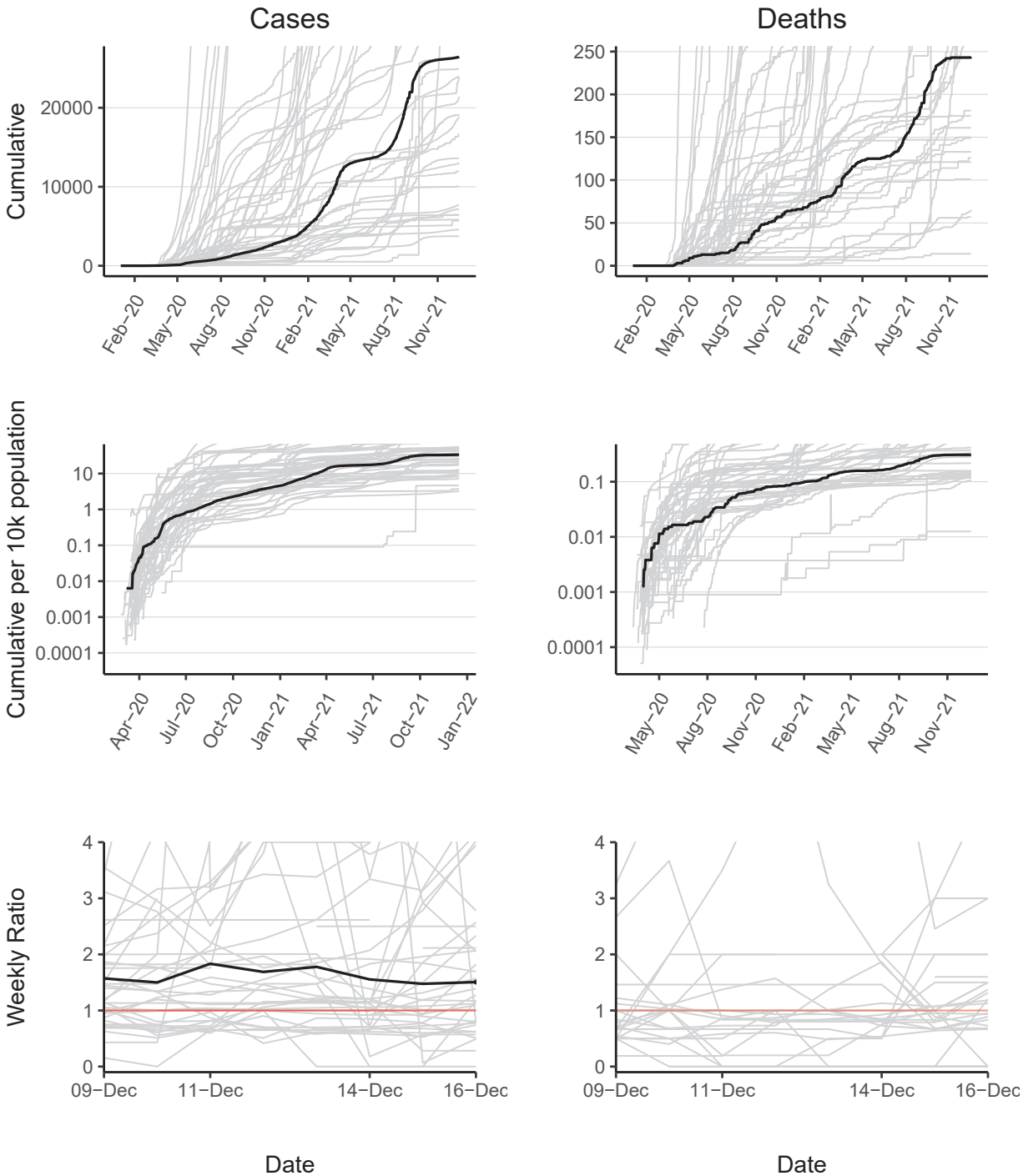
South Africa has 3231031 reported case(s) (1st in the region) and 90226 reported death(s) (1st). Cumulative counts per 10,000 population of reported cases and deaths are 560 (4th) and 16 (1st) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.7 (23rd). The weekly ratio of reported deaths over the last 2 weeks is 1.1 (16th).

South Sudan



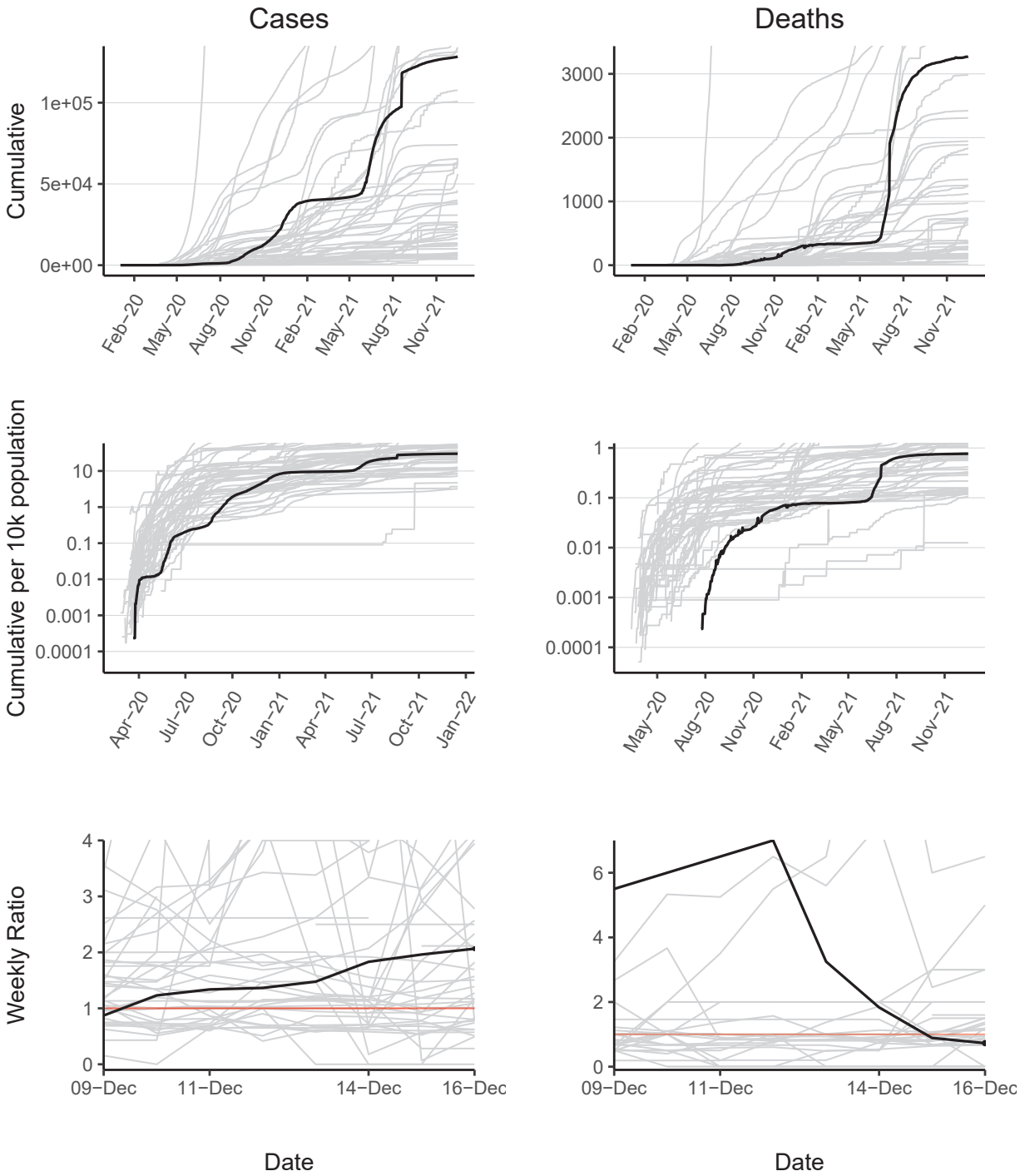
South Sudan has 13049 reported case(s) (37th in the region) and 133 reported death(s) (41st). Cumulative counts per 10,000 population of reported cases and deaths are 12 (39th) and 0.12 (43rd) respectively. The weekly ratio of reported cases over the last 2 weeks is 3.9 (14th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Togo



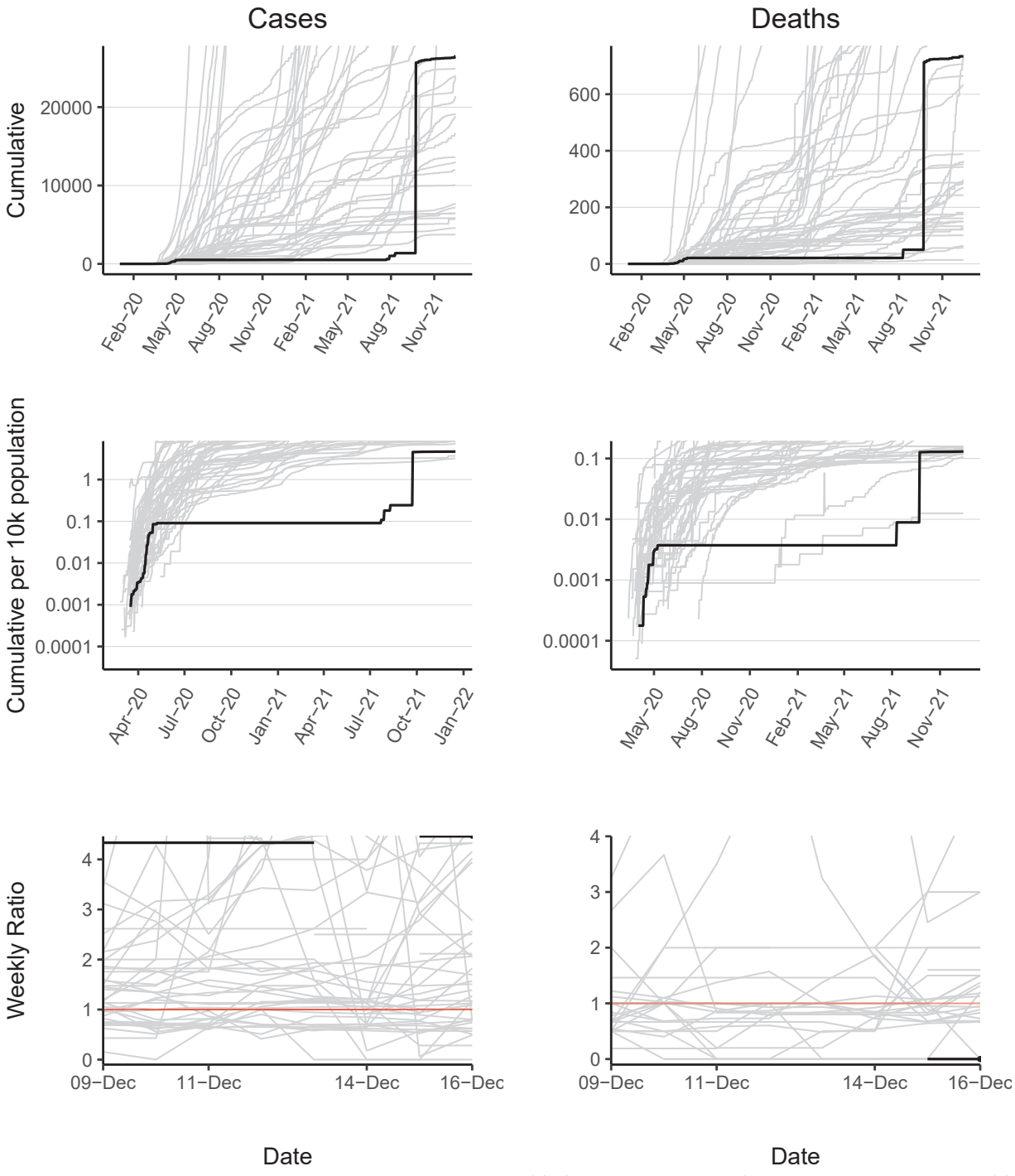
Togo has 26466 reported case(s) (28th in the region) and 244 reported death(s) (35th). Cumulative counts per 10,000 population of reported cases and deaths are 34 (28th) and 0.31 (34th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.5 (25th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Uganda



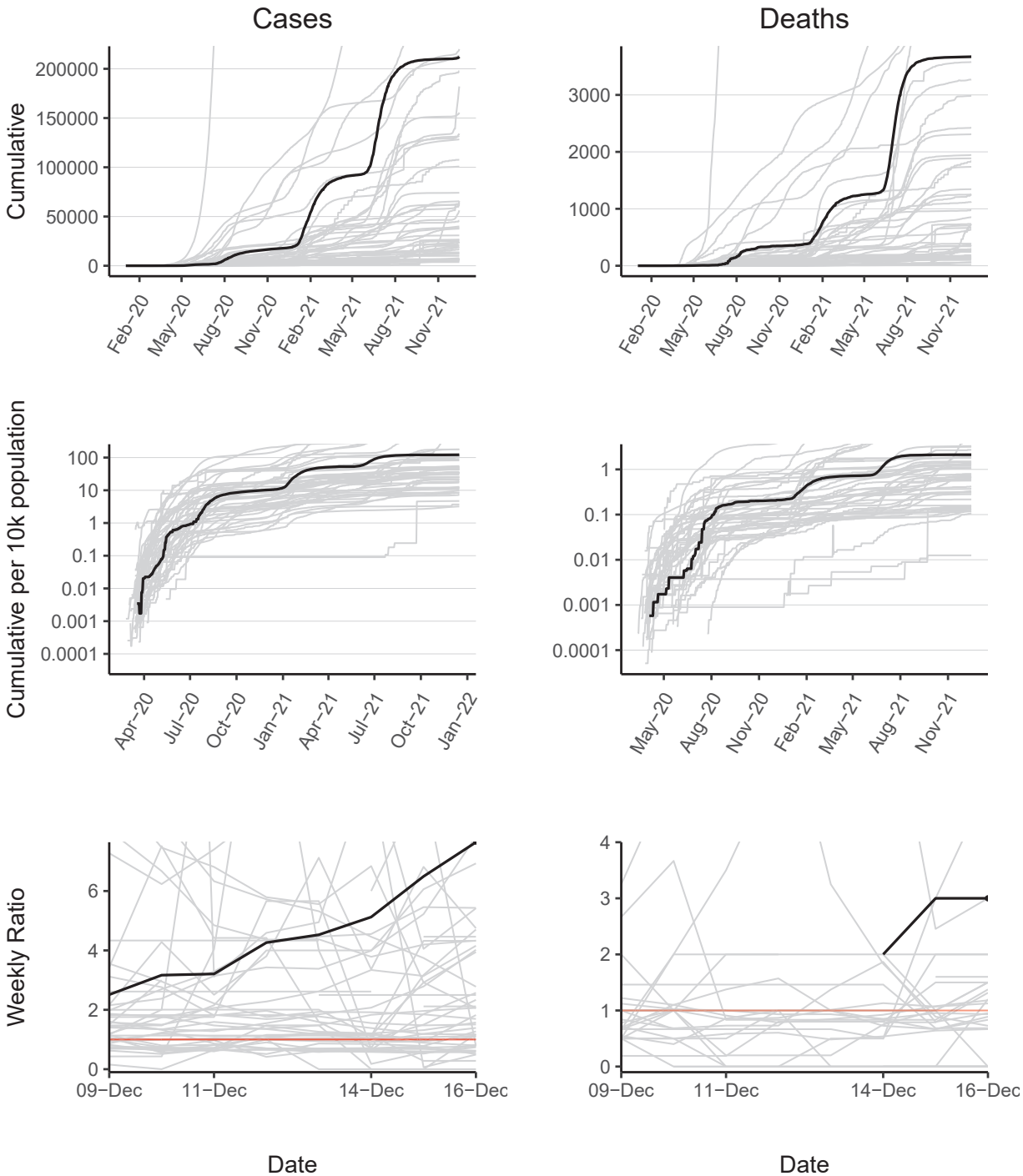
Uganda has 128369 reported case(s) (12th in the region) and 3271 reported death(s) (8th). Cumulative counts per 10,000 population of reported cases and deaths are 30 (29th) and 0.77 (23rd) respectively. The weekly ratio of reported cases over the last 2 weeks is 2.1 (20th). The weekly ratio of reported deaths over the last 2 weeks is 0.73 (21st).

United Republic of Tanzania



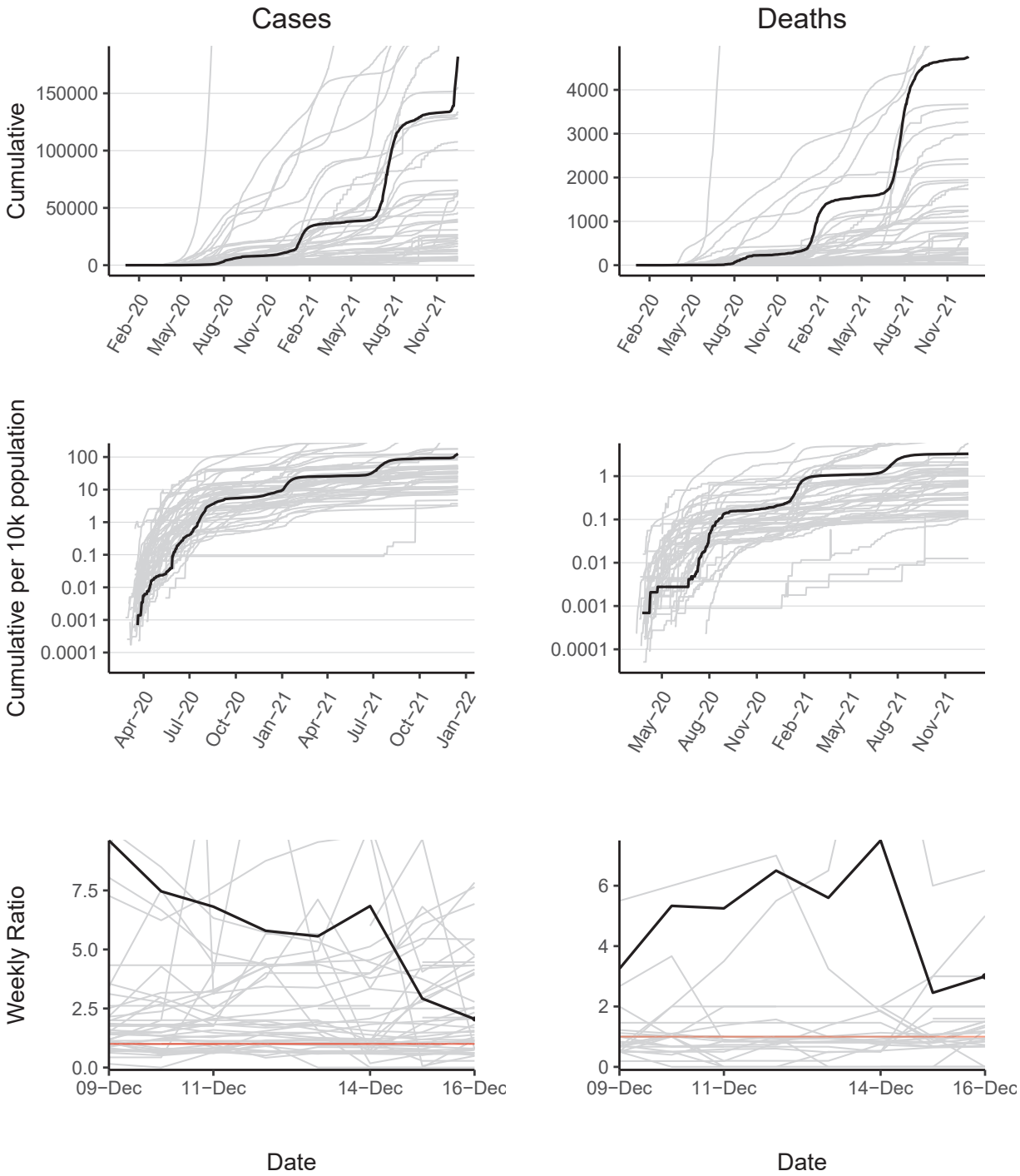
United Republic of Tanzania has 26483 reported case(s) (27th in the region) and 734 reported death(s) (22nd). Cumulative counts per 10,000 population of reported cases and deaths are 4.7 (45th) and 0.13 (42nd) respectively. The weekly ratio of reported cases over the last 2 weeks is 4.5 (9th). The weekly ratio of reported deaths over the last 2 weeks is 0 (31st).

Zambia



Zambia has 212278 reported case(s) (6th in the region) and 3671 reported death(s) (6th). Cumulative counts per 10,000 population of reported cases and deaths are 120 (11th) and 2.1 (11th) respectively. The weekly ratio of reported cases over the last 2 weeks is 7.6 (3rd). The weekly ratio of reported deaths over the last 2 weeks is 3 (4th).

Zimbabwe



Zimbabwe has 182057 reported case(s) (8th in the region) and 4759 reported death(s) (5th). Cumulative counts per 10,000 population of reported cases and deaths are 130 (10th) and 3.3 (8th) respectively. The weekly ratio of reported cases over the last 2 weeks is 2.1 (21st). The weekly ratio of reported deaths over the last 2 weeks is 3 (5th).

Appendix

Data

Sources and access

- Case counts for countries from WHO Coronavirus disease (COVID-2019) Dashboard https://covid19.who.int/table (accessed 2400 16/12/2021).
- Death counts for countries from WHO Coronavirus disease (COVID-2019) Dashboard https://covid19.who.int/table (accessed 2400 16/12/2021).
- Population counts from the World Bank (2018) https://data.worldbank.org/indicator/SP.POP.TOTL?locations=ZG (accessed 0900 30/03/2020).

Weekly Ratio calculations

Weekly ratios are calculated by dividing the sum of new cases or deaths over the past 7 days by their respective sums in the 7 days prior. The higher the weekly ratio, the faster an epidemic is growing. A weekly ratio of 1 represents stable growth (i.e. the number of cases or deaths in the past 7 days was the same as the 7 days before). A value between 1 and 0 indicates that an epidemic is in decline. A value of -1 has been assigned to countries which have removed cases or deaths from their cumulative counts. Doubling times have been replaced by weekly ratios because as countries move out of their exponential growth phases, doubling times become inappropriate and unreliable.

Confidence intervals calculated using bootstrapping of a simulated dataset with Poisson error structure.

Caveats

- Case count data are affected by any changes in testing strategy or testing effort over time and/or any variation in testing strategy or testing effort between regions.
- Case count data are likely a substantial under-representation of the true number of COVID-19 infections.
- Death data are considered more reliable but may lag behind case data by as much as 3 weeks.

Extended Data tables

Cumulative reported cases

Country	Cum. reported cases	95%CI lower	95%CI upper
South Africa	3231031	NA	NA
Ethiopia	373860	NA	NA
Kenya	257614	256703	258382
Nigeria	220020	NA	NA
Algeria	213533	212731	214257
Zambia	212278	NA	NA
Botswana	197644	196923	198366
Zimbabwe	182057	181373	182732
Mozambique	155495	154815	156156
Namibia	134154	NA	NA
Ghana	131840	131281	132420
Uganda	128369	127783	128948
Cameroon	107662	107139	108196
Rwanda	100888	NA	NA
Senegal	74105	73629	74564
Mauritius	65678	65270	66103
Angola	65566	NA	NA
Democratic Republic of the Congo	63388	62963	63782
Malawi	62933	62570	63345
Cote d'Ivoire	61943	61514	62380
Eswatini	56200	NA	NA
Madagascar	45794	NA	NA
Mauritania	39924	NA	NA
Cabo Verde	38527	38209	38861
Gabon	37681	37366	38007
Guinea	30814	NA	NA
United Republic of Tanzania	26483	26216	26731
Togo	26466	NA	NA
Benin	24907	NA	NA
Seychelles	24021	NA	NA
Lesotho	23903	23654	24166
Burundi	21422	NA	NA
Congo	19179	18955	19412
Mali	18856	18629	19085
Burkina Faso	16672	16453	16883
Equatorial Guinea	13617	NA	NA
South Sudan	13049	NA	NA
Central African Republic	11961	NA	NA
Gambia	10045	NA	NA
Eritrea	7686	7531	7829
Niger	7176	NA	NA
Guinea-Bissau	6452	6321	6582
Sierra Leone	6434	6302	6570
Liberia	5844	NA	NA
Chad	5703	NA	NA
Comoros	4576	NA	NA
Sao Tome and Principe	3733	NA	NA

Cumulative reported cases per 10,000 population

Country	Cum. reported cases per 10k pop	95%CI lower	95%CI upper
Seychelles	2482.483	NA	NA
Botswana	876.810	874	880
Cabo Verde	708.520	703	715
South Africa	559.199	NA	NA
Namibia	547.958	NA	NA
Mauritius	519.069	516	522
Eswatini	411.119	NA	NA
Gabon	177.801	176	179
Sao Tome and Principe	176.896	NA	NA
Zimbabwe	126.087	126	127
Zambia	122.338	NA	NA
Lesotho	113.385	112	115
Equatorial Guinea	104.028	NA	NA
Mauritania	90.668	NA	NA
Rwanda	82.010	NA	NA
Comoros	54.979	NA	NA
Mozambique	52.717	52	53
Algeria	50.566	50	51
Kenya	50.126	50	50
Senegal	46.741	46	47
Ghana	44.290	44	44
Gambia	44.055	NA	NA
Cameroon	42.696	42	43
Congo	36.571	36	37
Malawi	34.687	34	35
Guinea-Bissau	34.423	34	35
Ethiopia	34.229	NA	NA
Togo	33.548	NA	NA
Uganda	30.047	30	30
Central African Republic	25.632	NA	NA
Guinea	24.821	NA	NA
Cote d'Ivoire	24.709	25	25
Benin	21.686	NA	NA
Angola	21.281	NA	NA
Burundi	19.169	NA	NA
Madagascar	17.437	NA	NA
Eritrea	12.704	12	13
Liberia	12.127	NA	NA
South Sudan	11.889	NA	NA
Nigeria	11.233	NA	NA
Mali	9.884	10	10
Burkina Faso	8.441	8	9
Sierra Leone	8.410	8	9
Democratic Republic of the Congo	7.540	7	8
United Republic of Tanzania	4.702	5	5
Chad	3.685	NA	NA
Niger	3.197	NA	NA

Cumulative deaths

Country	Cum. reported deaths	95%CI lower	95%CI upper
South Africa	90226	89739	90721
Ethiopia	6846	6708	6984
Algeria	6165	NA	NA
Kenya	5350	5220	5467
Zimbabwe	4759	NA	NA
Zambia	3671	3573	3777
Namibia	3579	NA	NA
Uganda	3271	NA	NA
Nigeria	2983	NA	NA
Botswana	2424	2344	2507
Malawi	2310	2232	2394
Mozambique	1946	1874	2017
Senegal	1886	1810	1959
Cameroon	1836	1769	1909
Angola	1737	NA	NA
Rwanda	1344	1279	1404
Eswatini	1254	NA	NA
Ghana	1253	1197	1311
Democratic Republic of the Congo	1126	1069	1180
Madagascar	980	928	1031
Mauritania	852	800	898
United Republic of Tanzania	734	689	781
Mauritius	732	689	778
Cote d'Ivoire	706	662	753
Lesotho	665	NA	NA
Mali	634	NA	NA
Guinea	388	NA	NA
Congo	365	NA	NA
Cabo Verde	351	NA	NA
Gambia	342	313	372
Burkina Faso	296	NA	NA
Liberia	287	258	316
Gabon	285	258	313
Niger	270	245	299
Togo	244	219	270
Chad	181	159	203
Equatorial Guinea	175	154	196
Benin	161	139	182
Comoros	150	131	170
Guinea-Bissau	149	129	170
South Sudan	133	NA	NA
Seychelles	126	109	145
Sierra Leone	121	102	140
Central African Republic	101	85	118
Eritrea	65	NA	NA
Sao Tome and Principe	57	NA	NA
Burundi	14	8	20

Cumulative deaths per 10,000 populations

Country	Cum. reported deaths per 10k pop	95%CI lower	95%CI upper
South Africa	15.616	16	16
Namibia	14.619	NA	NA
Seychelles	13.022	11	15
Botswana	10.754	10	11
Eswatini	9.173	NA	NA
Cabo Verde	6.455	NA	NA
Mauritius	5.785	5	6
Zimbabwe	3.296	NA	NA
Lesotho	3.154	NA	NA
Sao Tome and Principe	2.701	NA	NA
Zambia	2.116	2	2
Mauritania	1.935	2	2
Comoros	1.802	2	2
Gambia	1.500	1	2
Algeria	1.460	NA	NA
Gabon	1.345	1	1
Equatorial Guinea	1.337	1	1
Malawi	1.273	1	1
Senegal	1.190	1	1
Rwanda	1.093	1	1
Kenya	1.041	1	1
Guinea-Bissau	0.795	1	1
Uganda	0.766	NA	NA
Cameroon	0.728	1	1
Congo	0.696	NA	NA
Mozambique	0.660	1	1
Ethiopia	0.627	1	1
Liberia	0.596	1	1
Angola	0.564	NA	NA
Ghana	0.421	0	0
Madagascar	0.373	0	0
Mali	0.332	NA	NA
Guinea	0.313	NA	NA
Togo	0.309	0	0
Cote d'Ivoire	0.282	0	0
Central African Republic	0.216	0	0
Sierra Leone	0.158	0	0
Nigeria	0.152	NA	NA
Burkina Faso	0.150	NA	NA
Benin	0.140	0	0
Democratic Republic of the Congo	0.134	0	0
United Republic of Tanzania	0.130	0	0
South Sudan	0.121	NA	NA
Niger	0.120	0	0
Chad	0.117	0	0
Eritrea	0.107	NA	NA
Burundi	0.013	0	0

Weekly Ratio (cases)

Country	Weekly Ratio	95%CI lower	95%CI upper
Lesotho	66.613	46.723	94.970
Gambia	7.833	3.349	18.322
Zambia	7.643	6.683	8.741
Malawi	6.929	5.753	8.346
Nigeria	5.432	5.058	5.833
Namibia	5.419	5.020	5.850
Burundi	4.749	4.027	5.600
Democratic Republic of the Congo	4.702	4.374	5.055
United Republic of Tanzania	4.462	3.153	6.314
Mozambique	4.329	3.995	4.692
Botswana	4.322	3.915	4.771
Rwanda	4.157	3.349	5.160
Kenya	4.020	3.641	4.440
South Sudan	3.945	2.935	5.304
Eswatini	2.779	2.655	2.909
Equatorial Guinea	2.571	1.074	6.157
Liberia	2.500	0.970	6.443
Guinea-Bissau	2.333	0.603	9.023
Madagascar	2.115	1.895	2.360
Uganda	2.065	1.773	2.406
Zimbabwe	2.055	2.016	2.095
Ghana	1.822	1.592	2.086
South Africa	1.694	1.680	1.707
Angola	1.570	1.279	1.929
Togo	1.506	1.129	2.010
Ethiopia	1.389	1.276	1.512
Seychelles	1.272	1.063	1.522
Congo	1.177	0.897	1.545
Senegal	1.170	0.811	1.688
Algeria	1.122	1.042	1.209
Eritrea	1.093	0.869	1.374
Burkina Faso	1.012	0.870	1.177
Cote d'Ivoire	0.819	0.616	1.089
Mali	0.799	0.718	0.890
Sierra Leone	0.778	0.387	1.564
Mauritania	0.773	0.656	0.910
Cabo Verde	0.740	0.526	1.043
Gabon	0.622	0.500	0.774
Comoros	0.619	0.380	1.010
Guinea	0.571	0.309	1.056
Niger	0.509	0.370	0.700
Mauritius	0.493	0.472	0.514
Benin	0.294	0.145	0.595
Cameroon	0.282	0.229	0.347
Sao Tome and Principe	0.000	0.000	NA
Central African Republic	NA	NA	NA
Chad	NA	NA	NA

Weekly Ratio (deaths)

Country	Weekly Ratio	95%CI lower	95%CI upper
Kenya	6.500	1.467	28.804
Namibia	5.000	0.584	42.799
Malawi	3.000	0.312	28.842
Zambia	3.000	0.312	28.842
Zimbabwe	3.000	1.601	5.620
Botswana	2.000	0.366	10.920
Gabon	2.000	0.366	10.920
Madagascar	1.600	0.523	4.891
Burkina Faso	1.500	0.423	5.316
Eritrea	1.500	0.251	8.977
Nigeria	1.500	0.251	8.977
Democratic Republic of the Congo	1.375	0.553	3.418
Ghana	1.316	0.725	2.389
Congo	1.200	0.366	3.932
Mali	1.182	0.529	2.638
South Africa	1.126	0.914	1.387
Mauritius	0.952	0.701	1.294
Algeria	0.935	0.617	1.417
Mauritania	0.889	0.343	2.304
Niger	0.833	0.254	2.731
Uganda	0.727	0.293	1.808
Cameroon	0.684	0.338	1.385
Ethiopia	0.667	0.420	1.058
Cabo Verde	0.000	0.000	NA
Cote d'Ivoire	0.000	0.000	NA
Guinea	0.000	0.000	NA
Guinea-Bissau	0.000	0.000	NA
Rwanda	0.000	0.000	NA
Sao Tome and Principe	0.000	0.000	NA
Senegal	0.000	0.000	NA
United Republic of Tanzania	0.000	0.000	NA
Angola	NA	NA	NA
Benin	NA	NA	NA
Burundi	NA	NA	NA
Central African Republic	NA	NA	NA
Chad	NA	NA	NA
Comoros	NA	NA	NA
Equatorial Guinea	NA	NA	NA
Eswatini	NA	NA	NA
Gambia	NA	NA	NA
Lesotho	NA	NA	NA
Liberia	NA	NA	NA
Mozambique	NA	NA	NA
Seychelles	NA	NA	NA
Sierra Leone	NA	NA	NA
South Sudan	NA	NA	NA
Togo	NA	NA	NA