CEMA
Center for Epidemiological Modelling and Analysis

University of Nairobi

tiba

COVID-19 situation report for WHO Africa Region

23/12/2021

Produced by the Centre for Epidemiological Modelling and Analysis, University of Nairobi



NIHR Global Health Research Unit Tackling Infections to Benefit Africa at the University of Edinburgh

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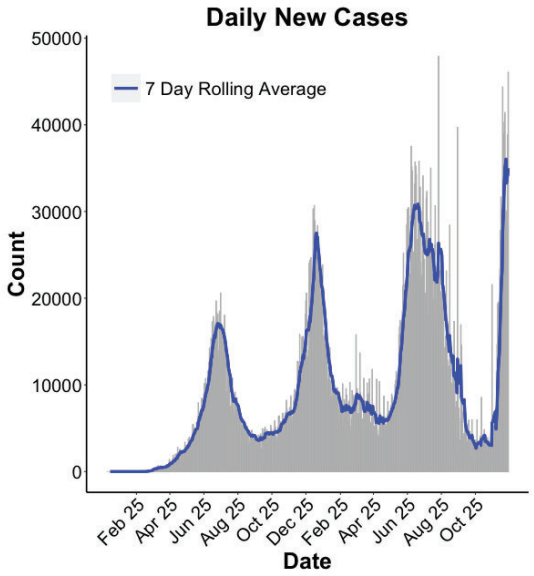
Section 1: Overview of WHO Africa Region 23/12/2021

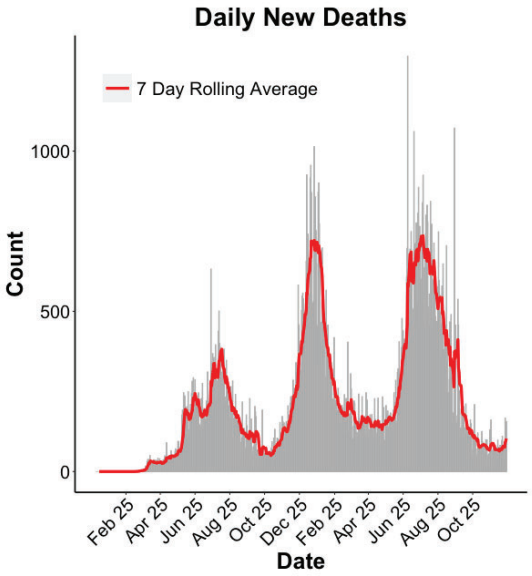
Overview



Total Reported Cases
6,831,758

Total Reported Deaths
154,251





Methods

We compare the size and rate of increase of the COVID-19 epidemic across the countries included in WHO Africa Region.

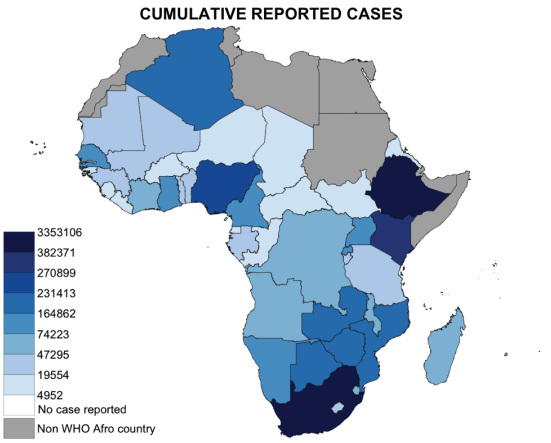
The maps below summarise the in-country situations:

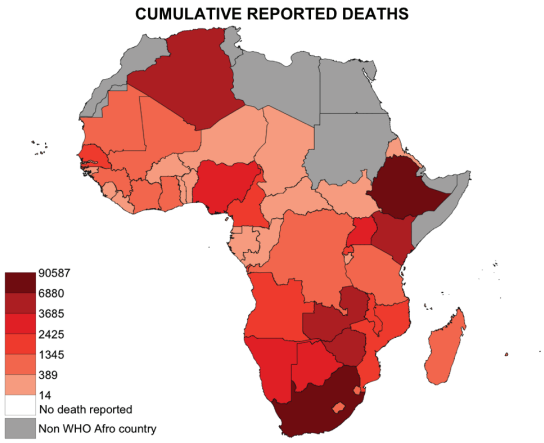
- Top row: cumulative reported cases (left) and deaths (right).
- Middle row: cumulative reported cases (left) and deaths (right) per 10,000 population on a log10 scale.
- Bottom row: weekly ratios for new cases and new deaths. The higher the weekly ratio, the faster an epidemic is growing. A weekly 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. These maps show weekly rations on a single date and may not be indicative of long term trends. See methods for more details.

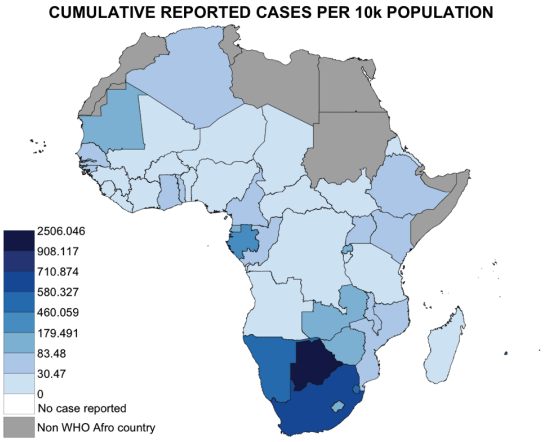
Caveats:

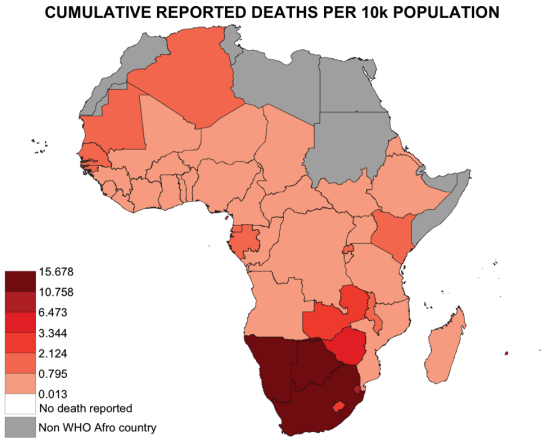
- Colour scales are non-linear and are re-calibrated every week.
- WHO African region countries shaded in white either have no reported deaths/cases or, for weekly ratio calculations, have reduced their cumulative total cases/deaths in the last 14 days due to retrospective changes in reporting procedures.
- Doubling times have been replaced by weekly ratios because some countries are moving out of the exponential phase of the epidemic.

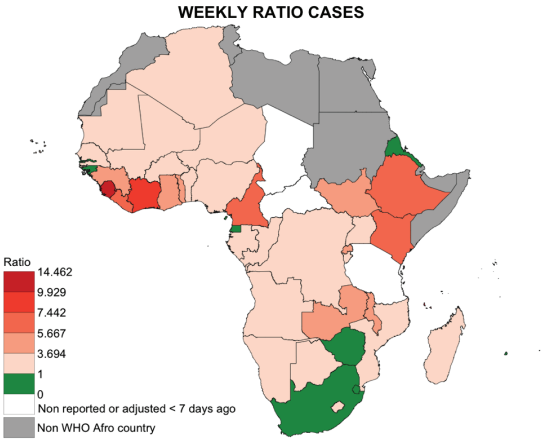
Summary maps

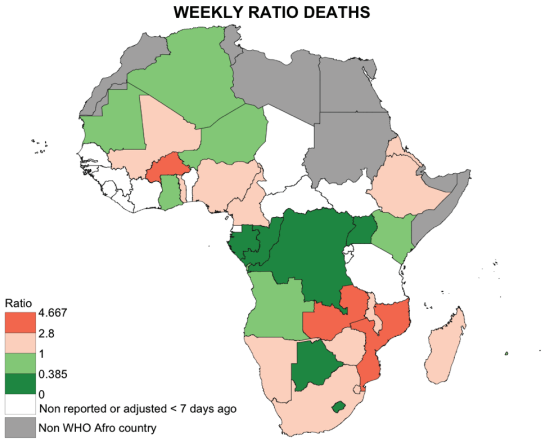












Section 2: Individual country situations

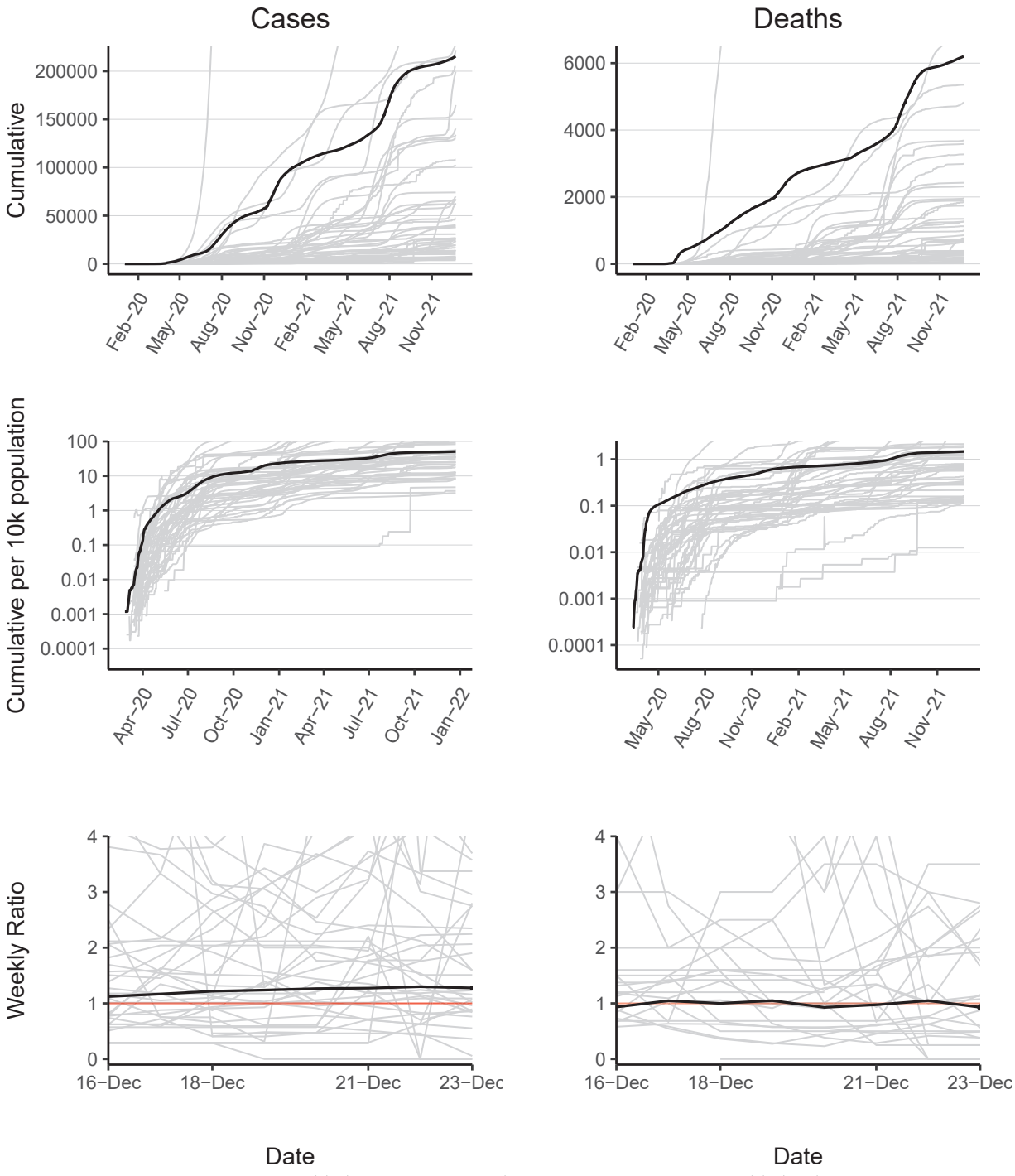
As of 23/12/2021, each panel below shows for each country:

- Top row: cumulative reported cases (left) and deaths (right).
- Middle row: cumulative reported cases (left) and deaths (right) per 10,000 population on a log10 scale.
- Bottom row: weekly ratio of the number of new cases (left) and deaths (right) calculated for each of the past 7 days leading up to 23/12/2021. Gaps in the plotted data indicate values that could not be calculated.

Caveats;

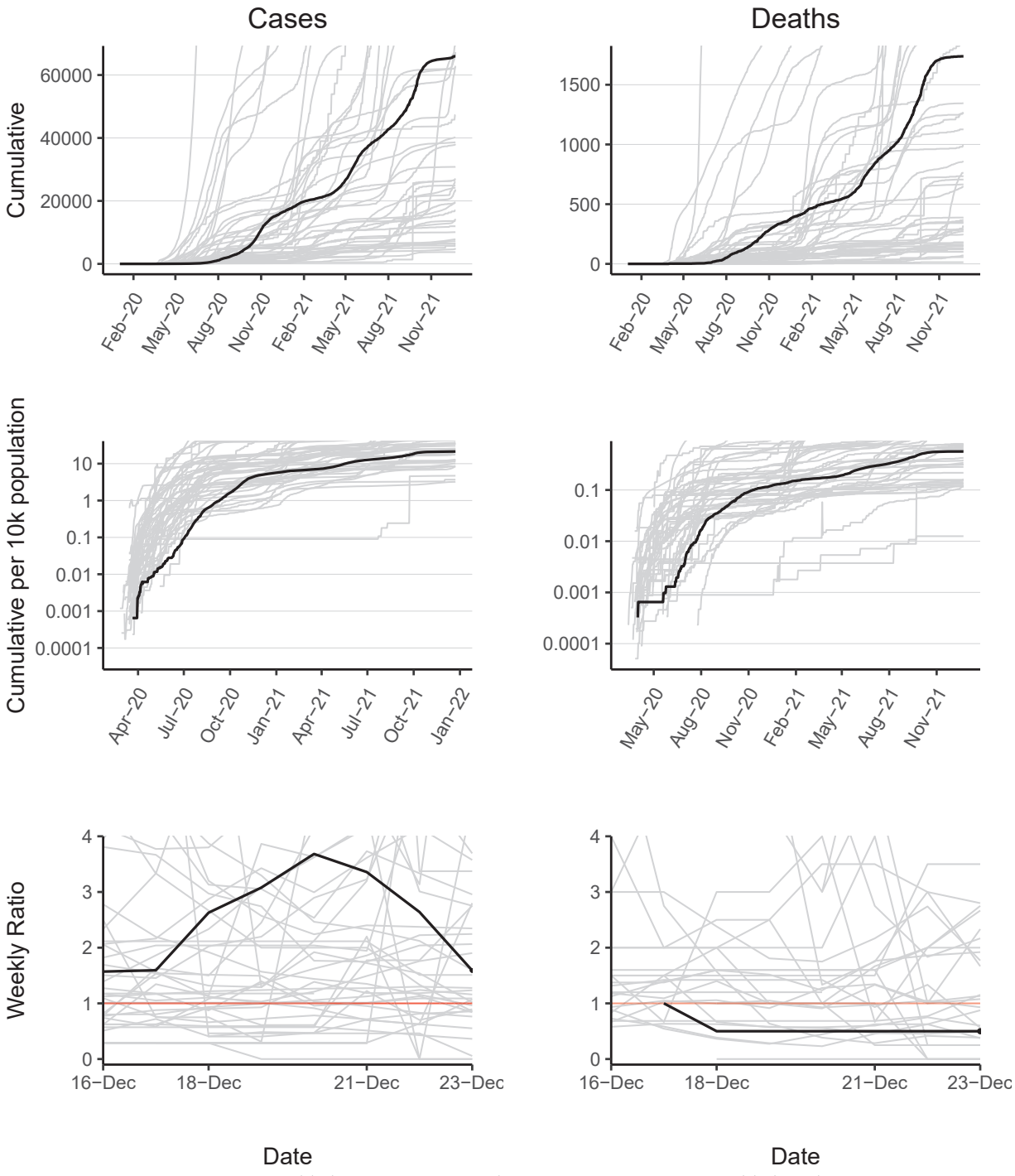
- Retrospective changes in reporting policy may cause cumulative deaths/cases counts to drop as described in WHO Sit Rep Number 105, published on 04/05/2020.

Algeria



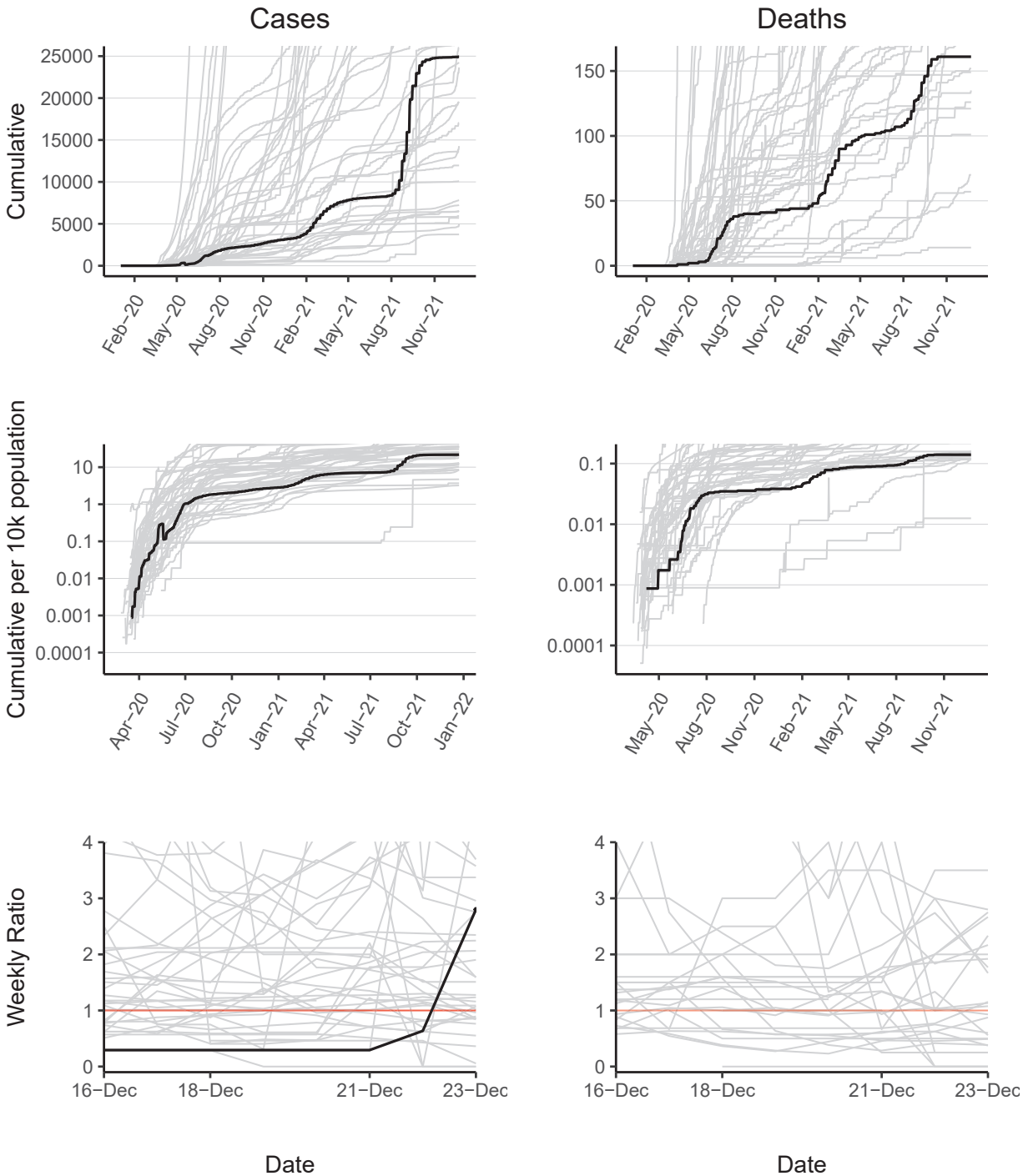
Algeria has 215430 reported case(s) (6th in the region) and 6205 reported death(s) (3rd). Cumulative counts per 10,000 population of reported cases and deaths are 51 (19th) and 1.5 (15th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.3 (29th). The weekly ratio of reported deaths over the last 2 weeks is 0.93 (16th).

Angola



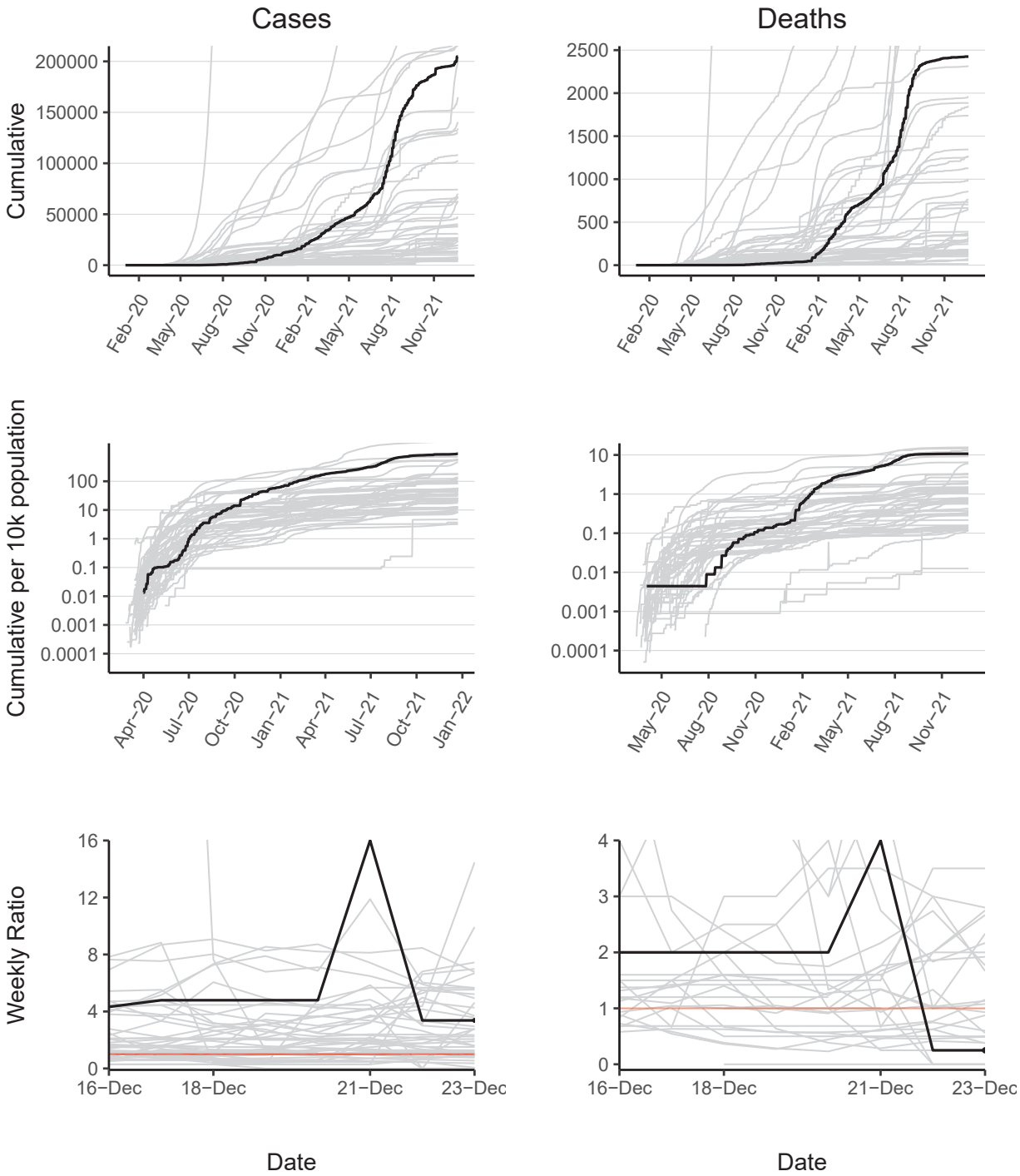
Angola has 65938 reported case(s) (19th in the region) and 1738 reported death(s) (15th). Cumulative counts per 10,000 population of reported cases and deaths are 21 (34th) and 0.56 (29th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.6 (27th). The weekly ratio of reported deaths over the last 2 weeks is 0.5 (20th).

Benin



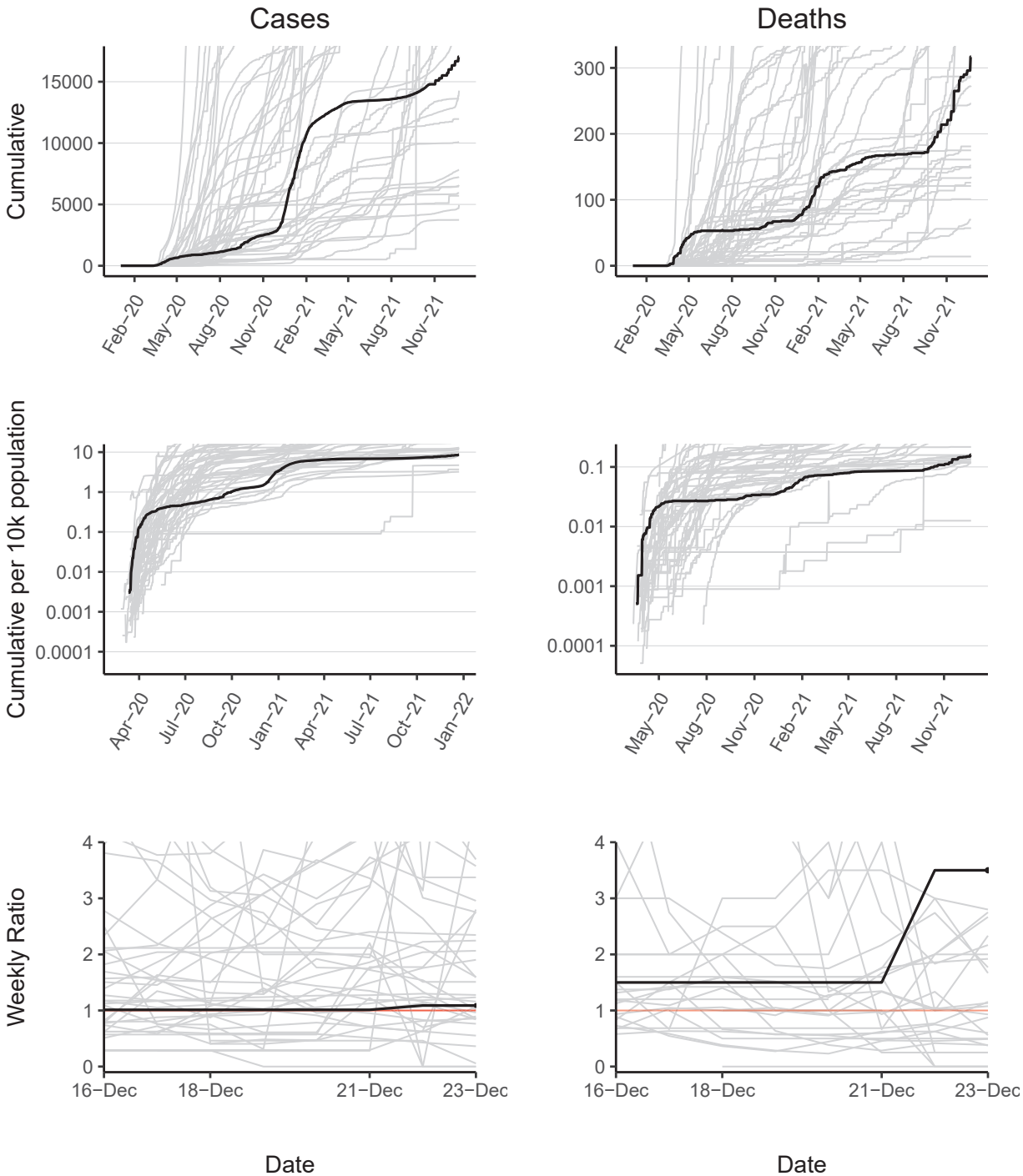
Benin has 24935 reported case(s) (30th in the region) and 161 reported death(s) (38th). Cumulative counts per 10,000 population of reported cases and deaths are 22 (33rd) and 0.14 (40th) respectively. The weekly ratio of reported cases over the last 2 weeks is 2.8 (18th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Botswana



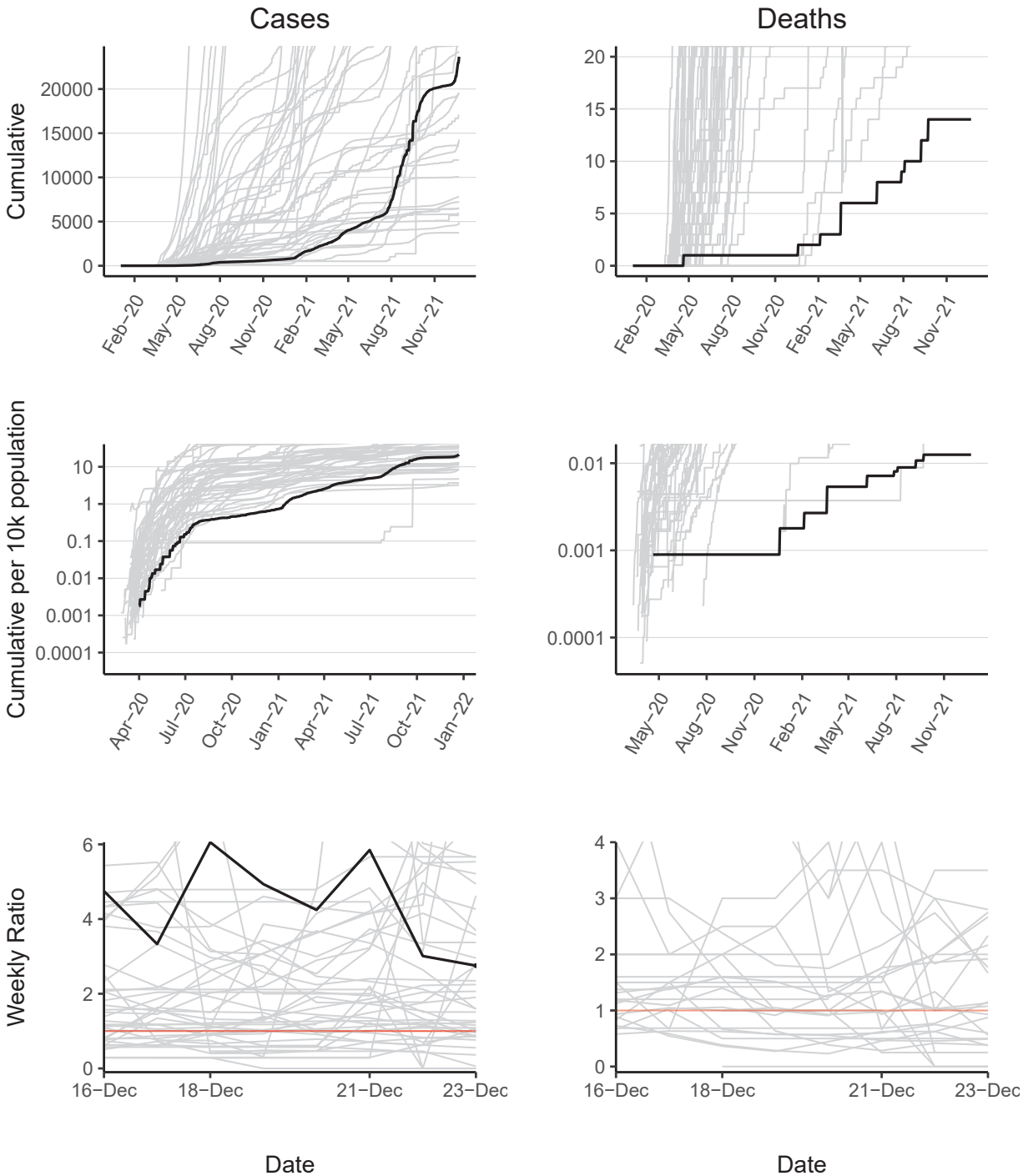
Botswana has 204701 reported case(s) (7th in the region) and 2425 reported death(s) (10th). Cumulative counts per 10,000 population of reported cases and deaths are 910 (2nd) and 11 (4th) respectively. The weekly ratio of reported cases over the last 2 weeks is 3.4 (16th). The weekly ratio of reported deaths over the last 2 weeks is 0.25 (25th).

Burkina Faso



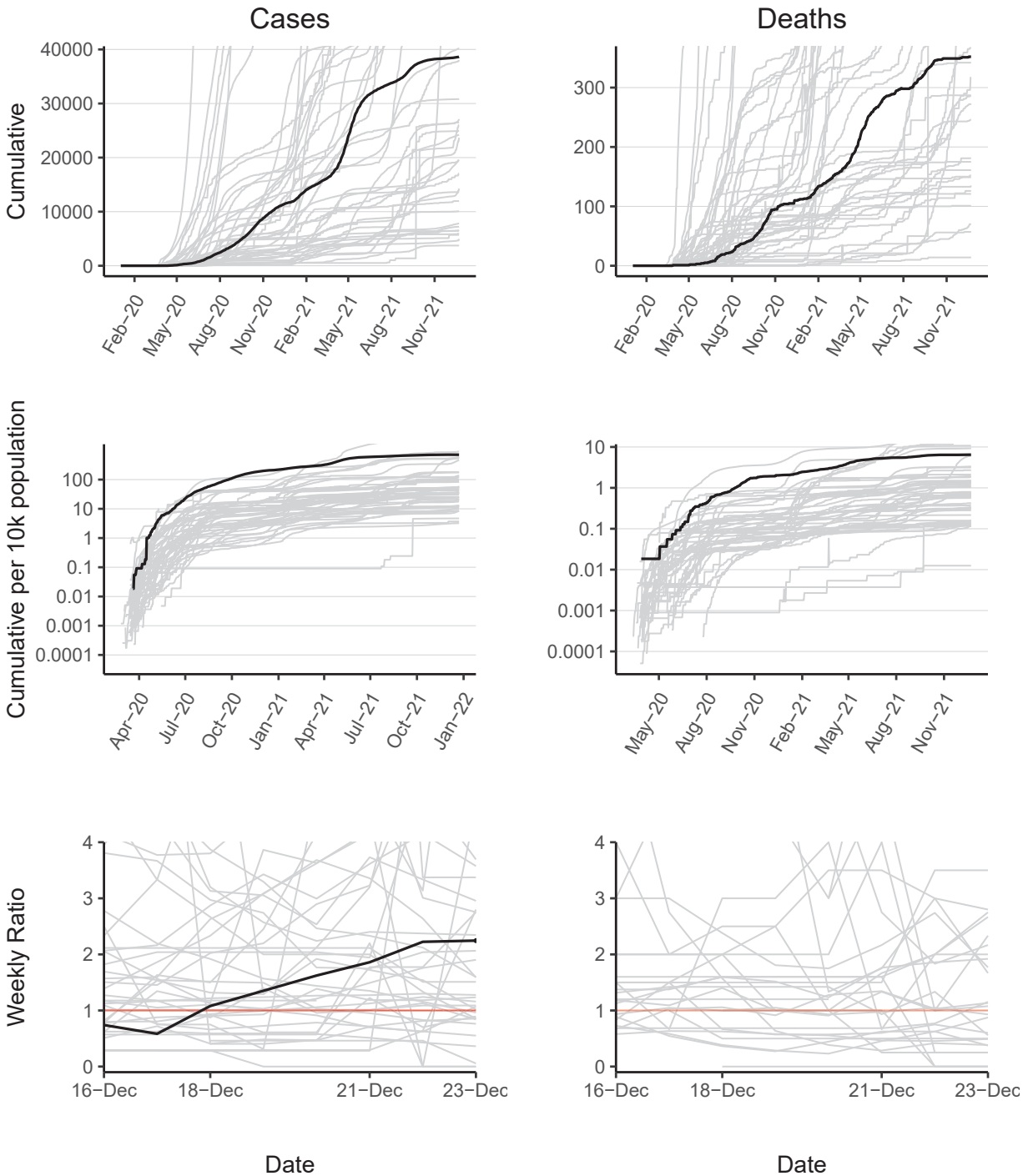
Burkina Faso has 17040 reported case(s) (35th in the region) and 317 reported death(s) (31st). Cumulative counts per 10,000 population of reported cases and deaths are 8.6 (42nd) and 0.16 (37th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.1 (32nd). The weekly ratio of reported deaths over the last 2 weeks is 3.5 (2nd).

Burundi



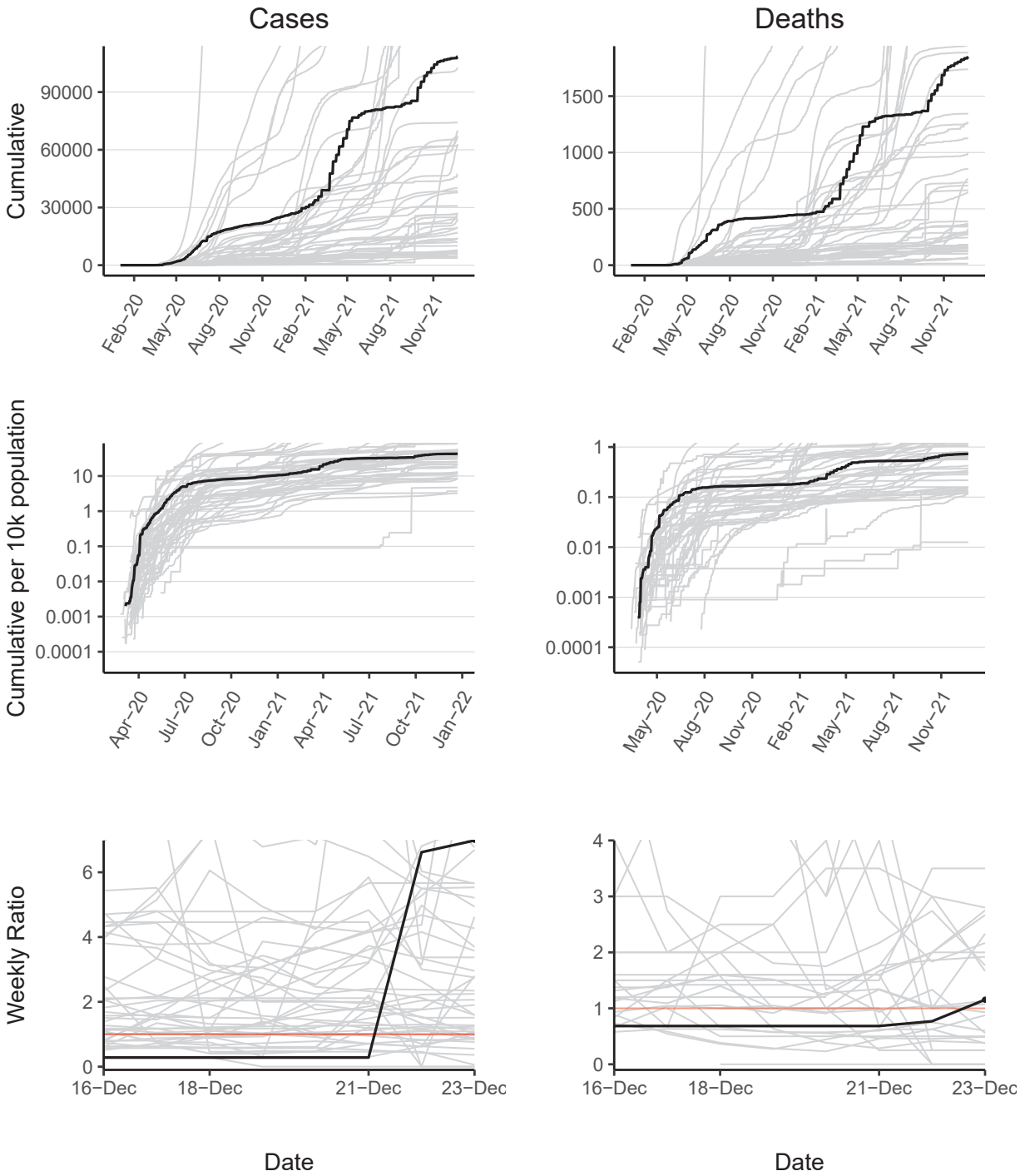
Burundi has 23657 reported case(s) (32nd in the region) and 14 reported death(s) (47th). Cumulative counts per 10,000 population of reported cases and deaths are 21 (35th) and 0.013 (47th) respectively. The weekly ratio of reported cases over the last 2 weeks is 2.8 (20th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Cabo Verde



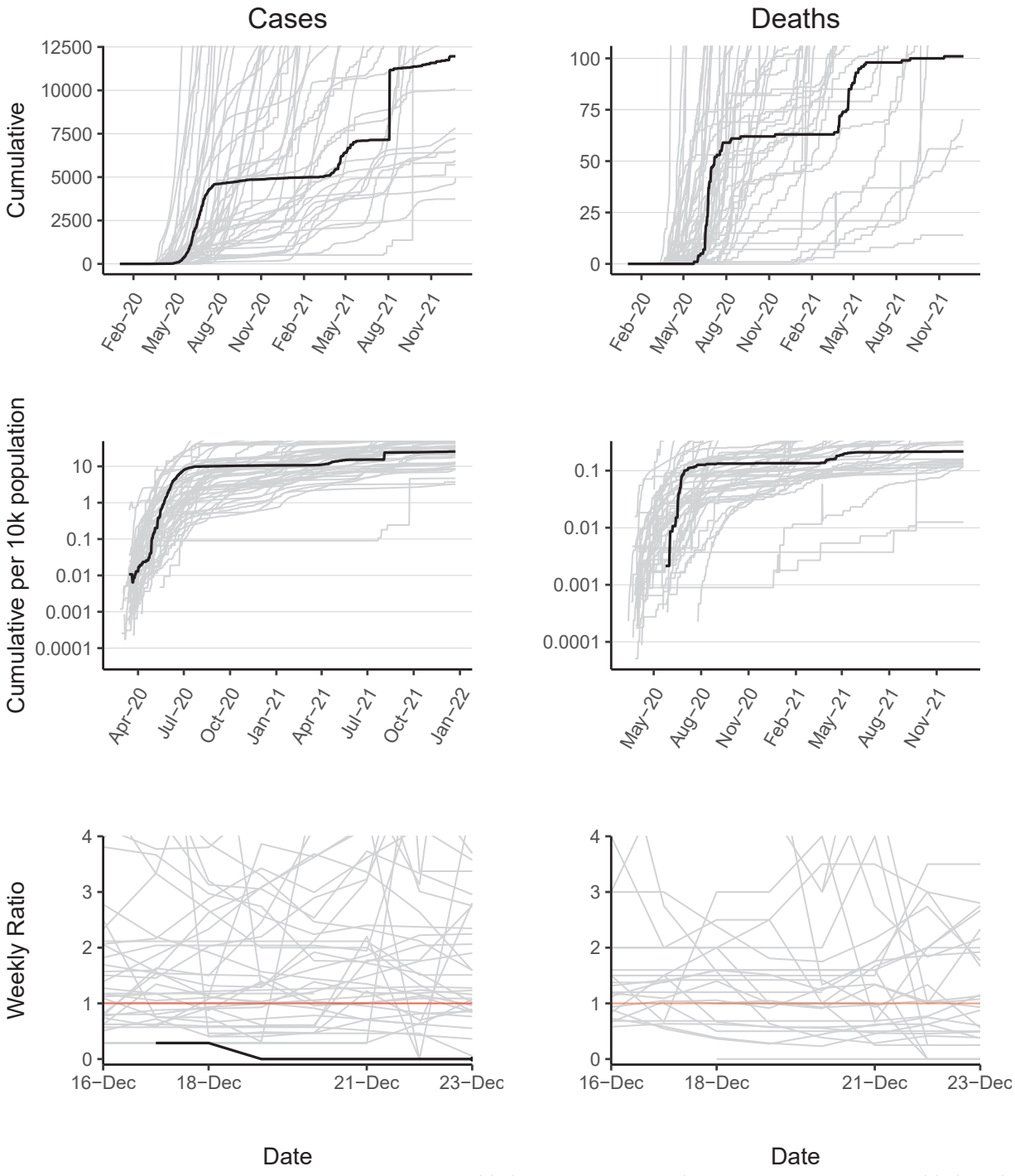
Cabo Verde has 38655 reported case(s) (24th in the region) and 352 reported death(s) (29th). Cumulative counts per 10,000 population of reported cases and deaths are 710 (3rd) and 6.5 (6th) respectively. The weekly ratio of reported cases over the last 2 weeks is 2.2 (23rd). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Cameroon



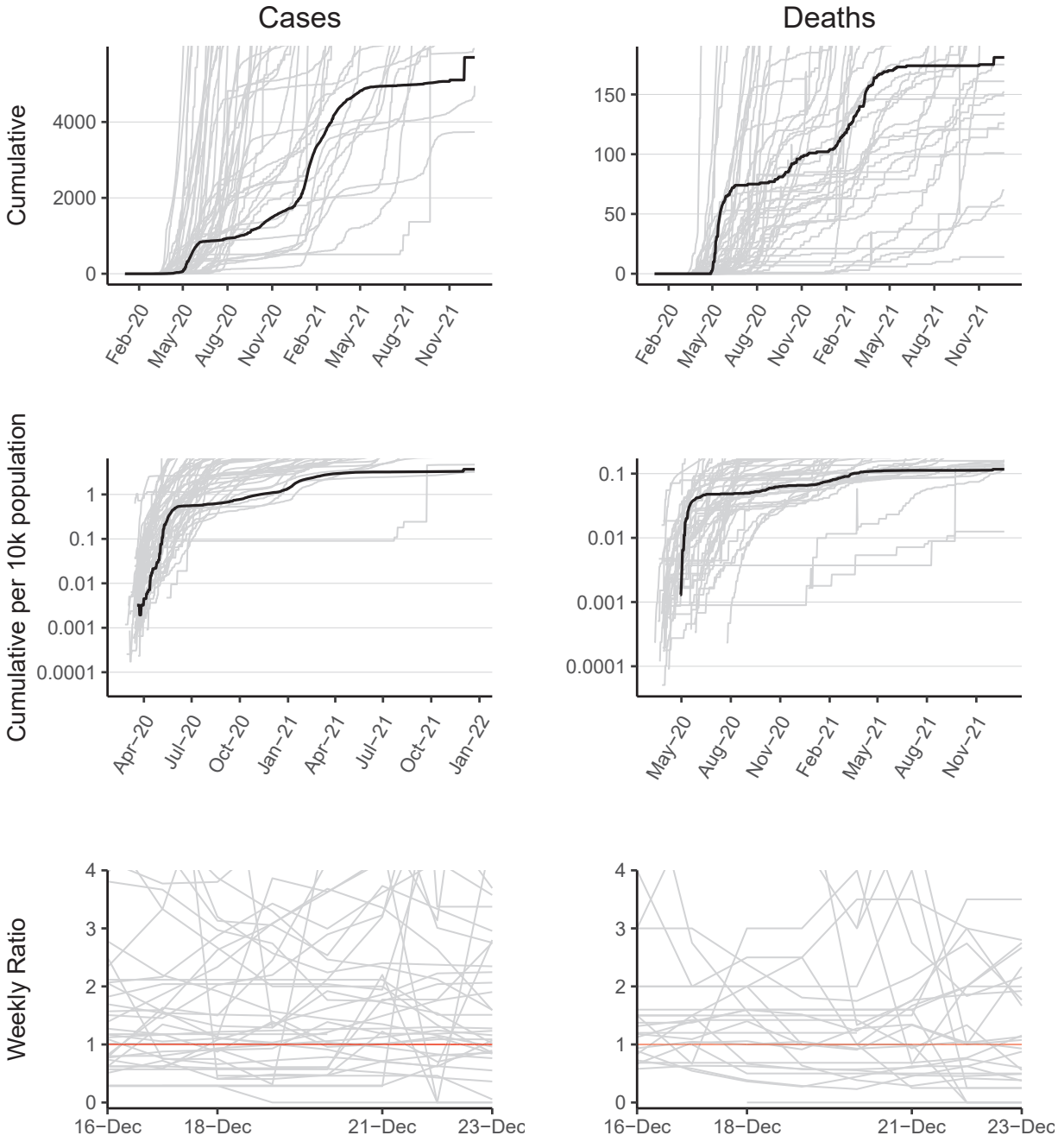
Cameroon has 108451 reported case(s) (13th in the region) and 1851 reported death(s) (14th). Cumulative counts per 10,000 population of reported cases and deaths are 43 (23rd) and 0.73 (24th) respectively. The weekly ratio of reported cases over the last 2 weeks is 7 (4th). The weekly ratio of reported deaths over the last 2 weeks is 1.2 (13th).

Central African Republic



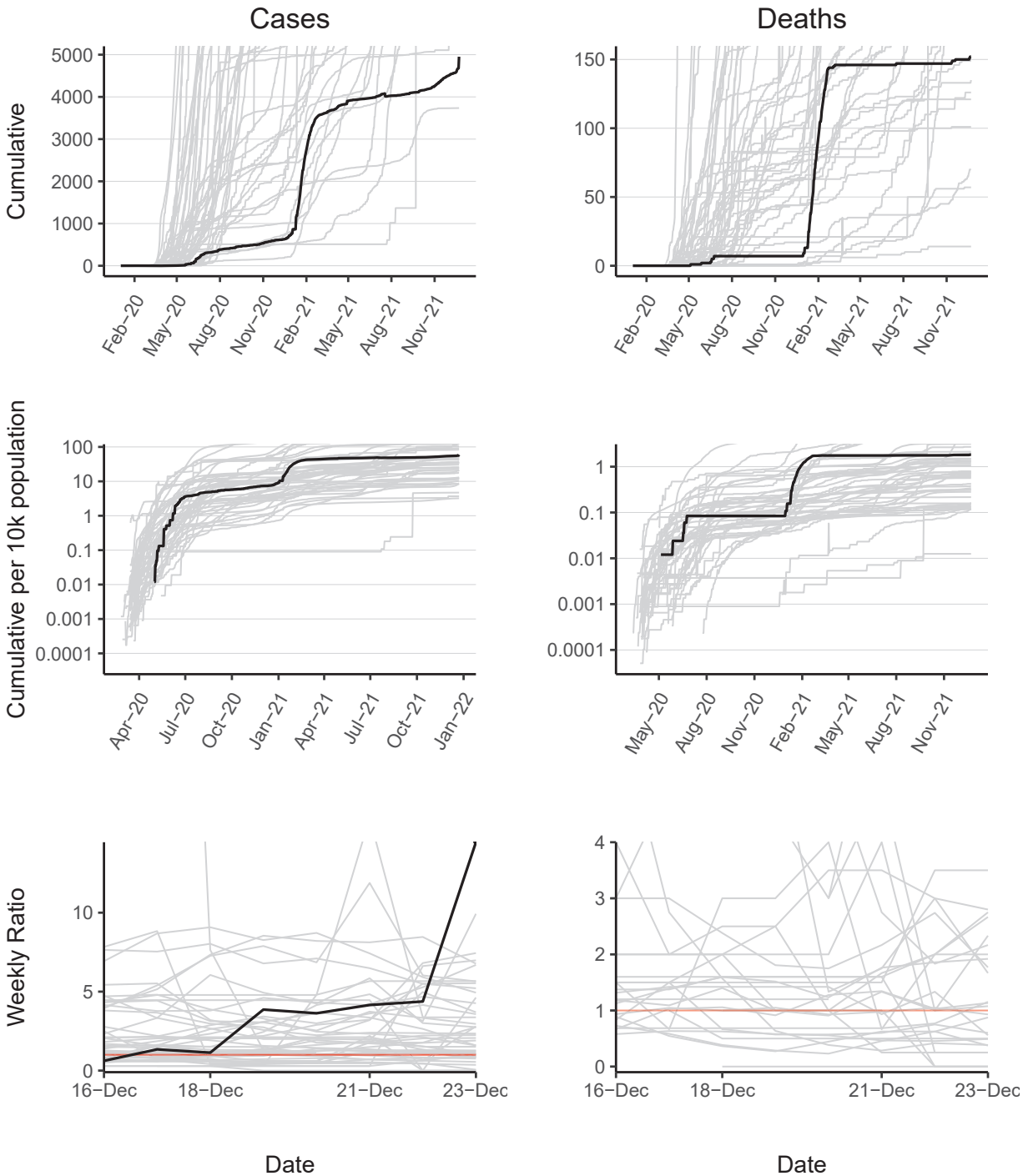
Central African Republic has 11961 reported case(s) (38th in the region) and 101 reported death(s) (44th). Cumulative counts per 10,000 population of reported cases and deaths are 26 (30th) and 0.22 (36th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0 (44th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Chad



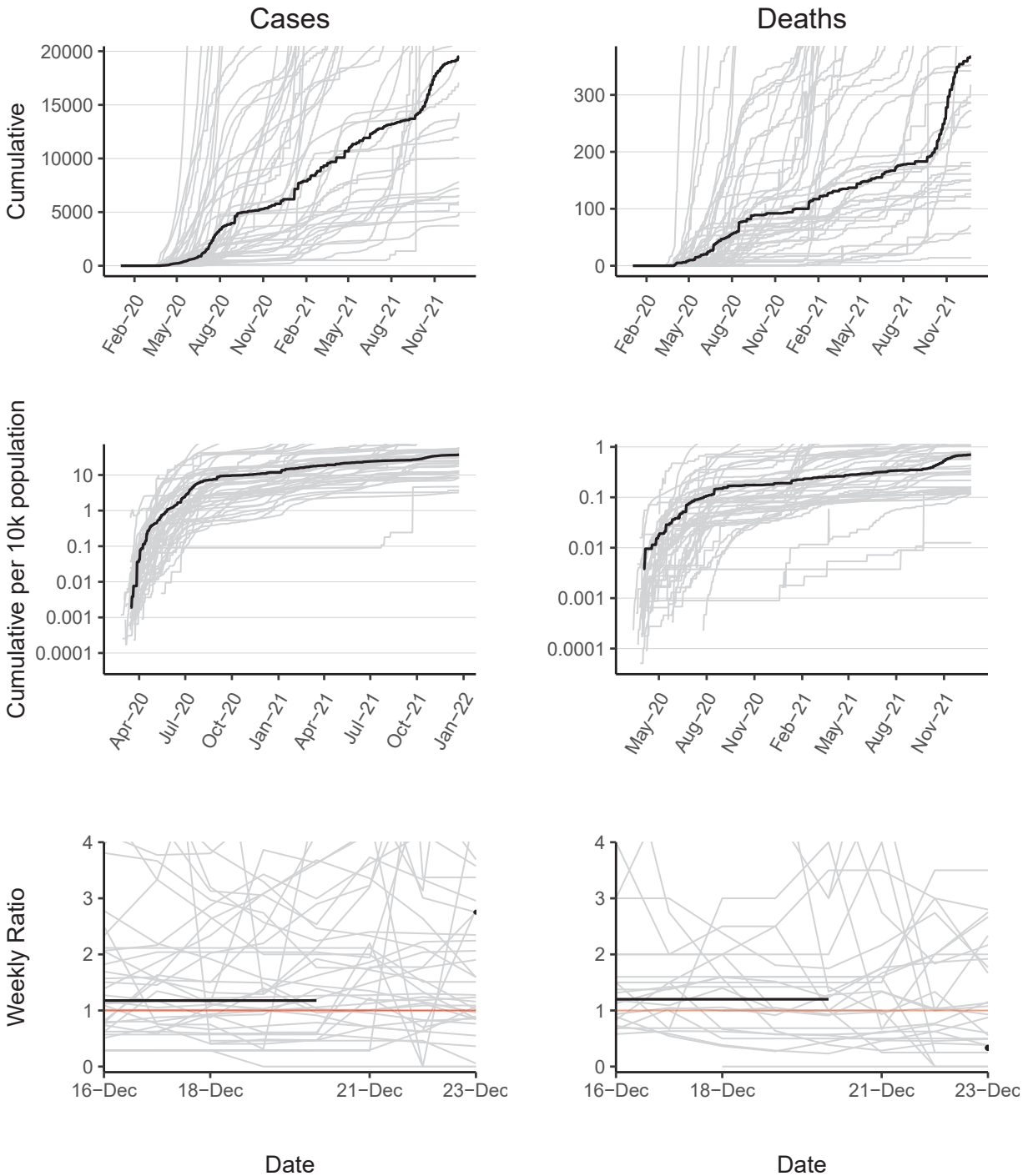
Chad has 5703 reported case(s) (45th in the region) and 181 reported death(s) (36th). Cumulative counts per 10,000 population of reported cases and deaths are 3.7 (46th) and 0.12 (45th) respectively. The weekly ratio of reported cases cannot be calculated as no new cases have been reported in 1 of the last 2 weeks. The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in 1 of the last 2 weeks.

Comoros



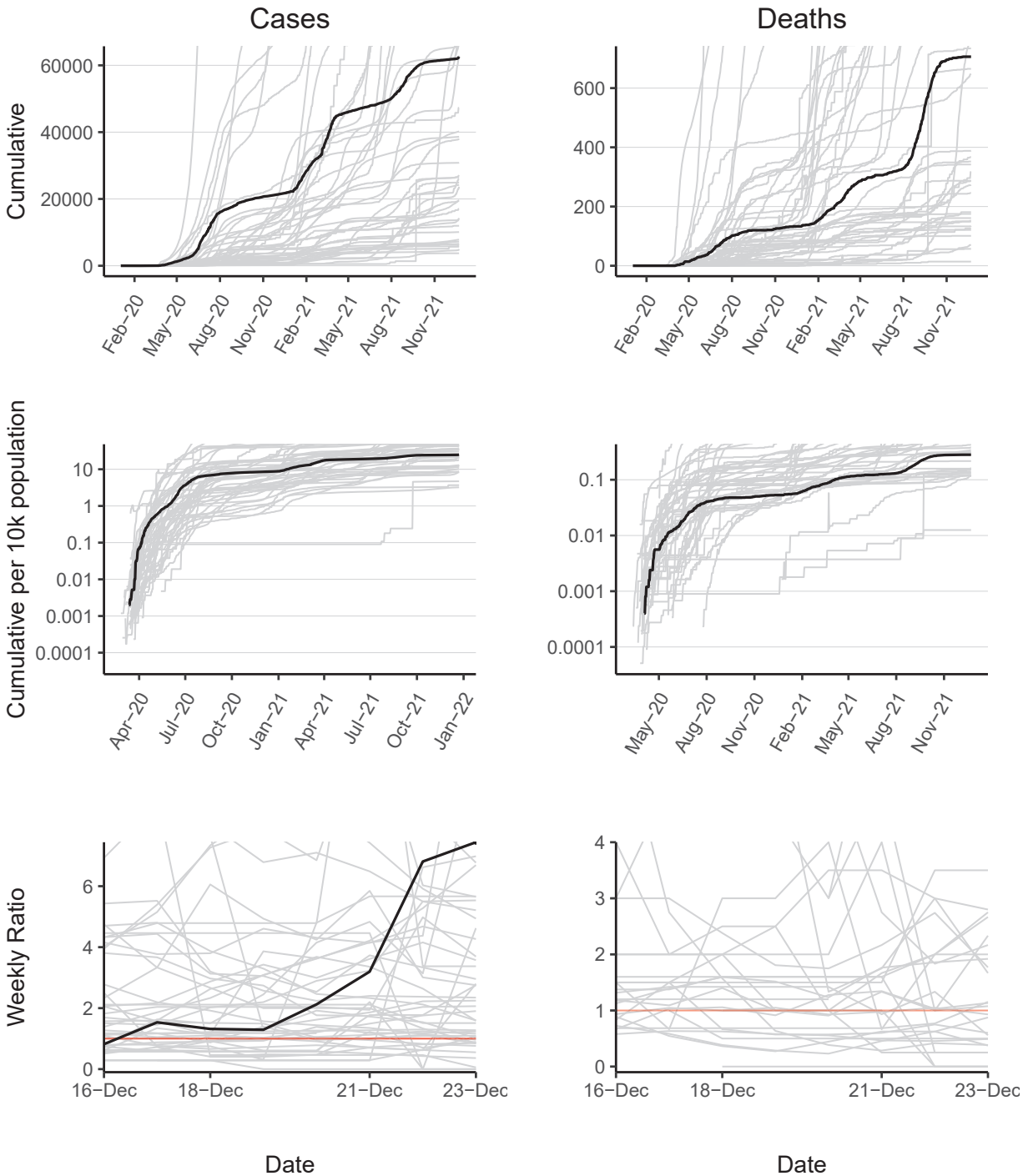
Comoros has 4952 reported case(s) (46th in the region) and 152 reported death(s) (39th). Cumulative counts per 10,000 population of reported cases and deaths are 59 (16th) and 1.8 (13th) respectively. The weekly ratio of reported cases over the last 2 weeks is 14 (1st). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Congo



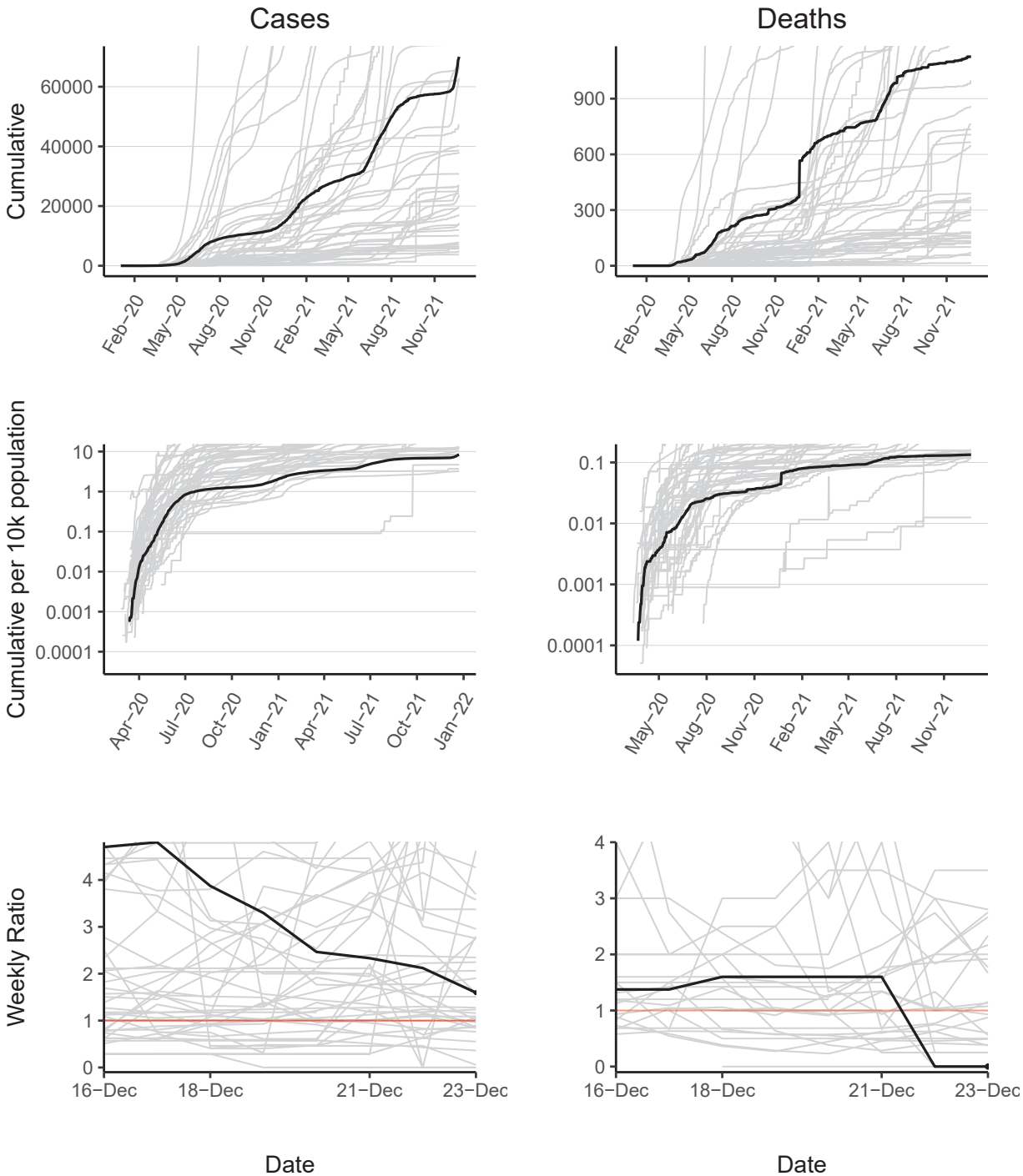
Congo has 19490 reported case(s) (34th in the region) and 367 reported death(s) (28th). Cumulative counts per 10,000 population of reported cases and deaths are 37 (24th) and 0.7 (25th) respectively. The weekly ratio of reported cases over the last 2 weeks is 2.8 (21st). The weekly ratio of reported deaths over the last 2 weeks is 0.33 (24th).

Cote d'Ivoire



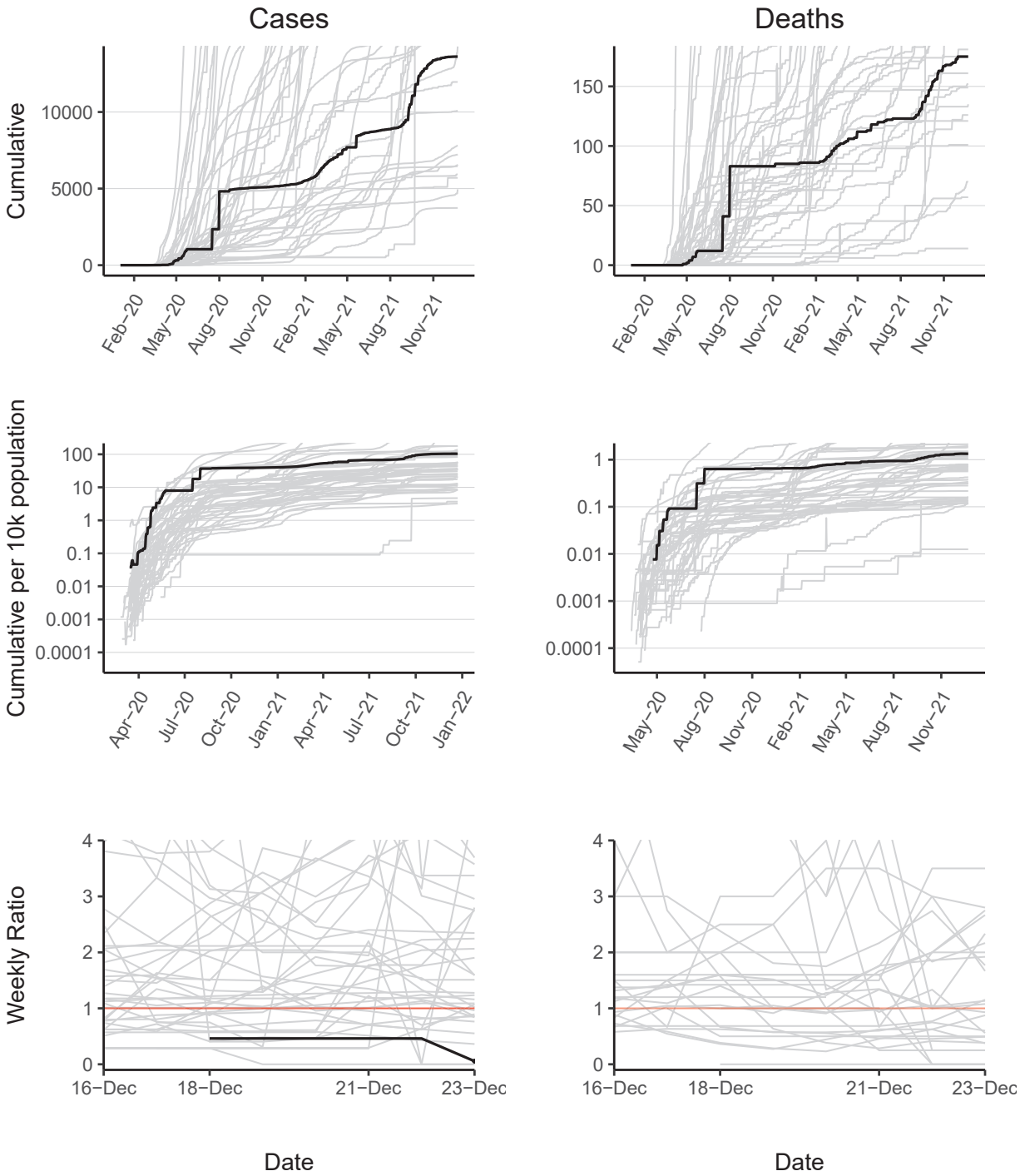
Cote d'Ivoire has 62583 reported case(s) (21st in the region) and 706 reported death(s) (24th). Cumulative counts per 10,000 population of reported cases and deaths are 25 (31st) and 0.28 (35th) respectively. The weekly ratio of reported cases over the last 2 weeks is 7.4 (3rd). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Democratic Republic of the Congo



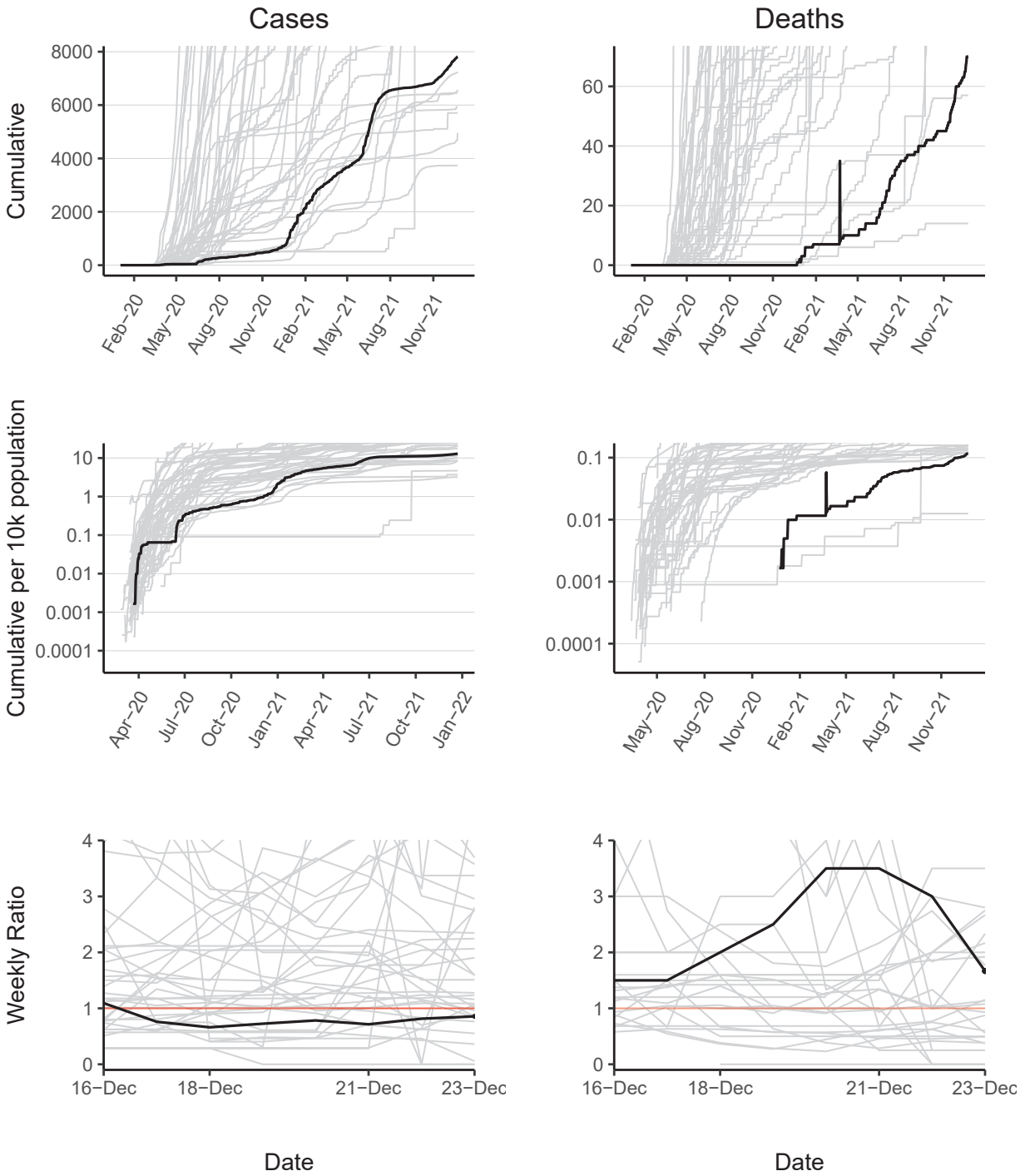
Democratic Republic of the Congo has 70059 reported case(s) (16th in the region) and 1126 reported death(s) (19th). Cumulative counts per 10,000 population of reported cases and deaths are 8.3 (44th) and 0.13 (41st) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.6 (26th). The weekly ratio of reported deaths over the last 2 weeks is 0 (27th).

Equatorial Guinea



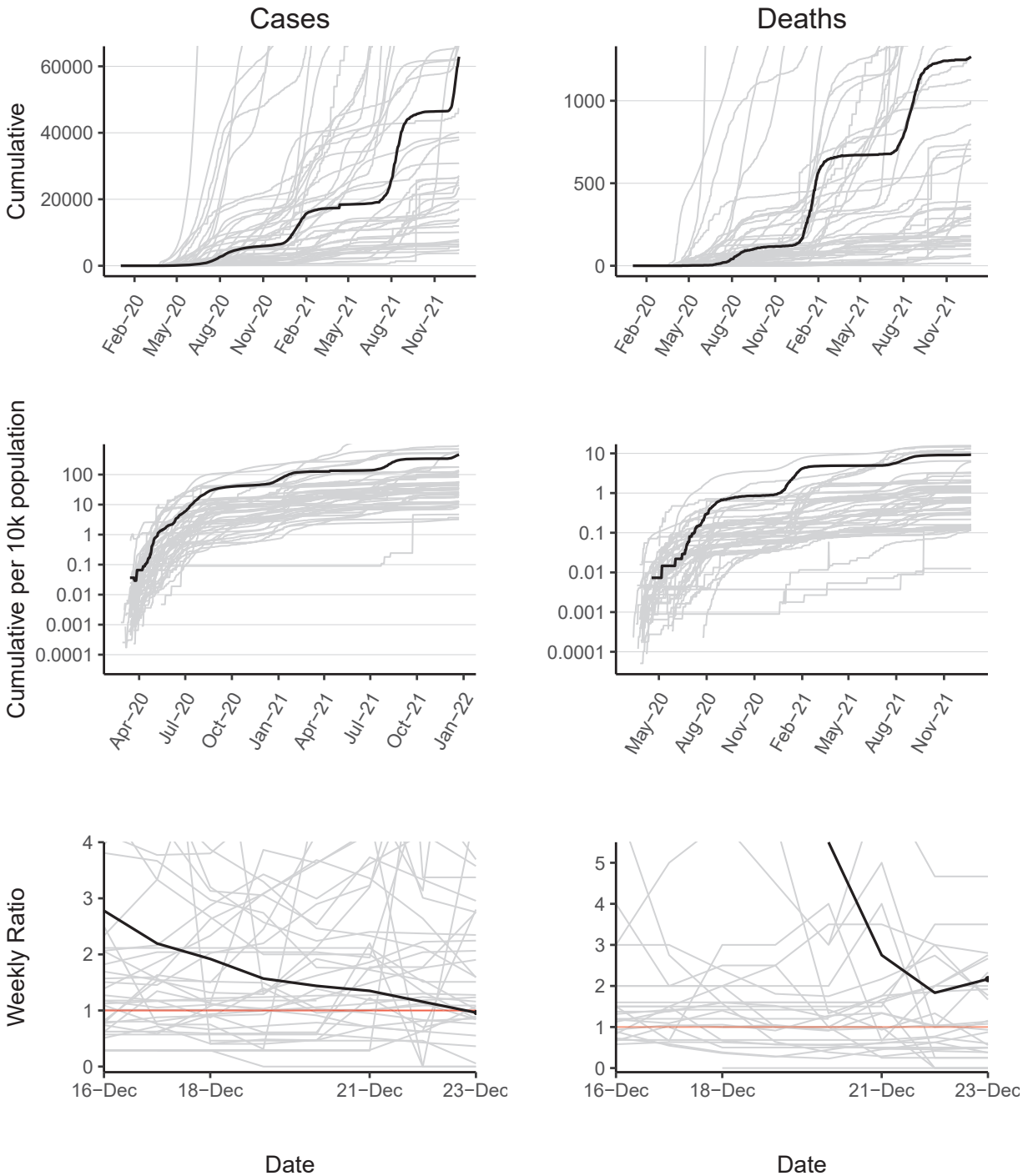
Equatorial Guinea has 13618 reported case(s) (37th in the region) and 175 reported death(s) (37th). Cumulative counts per 10,000 population of reported cases and deaths are 100 (13th) and 1.3 (17th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.056 (43rd). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Eritrea



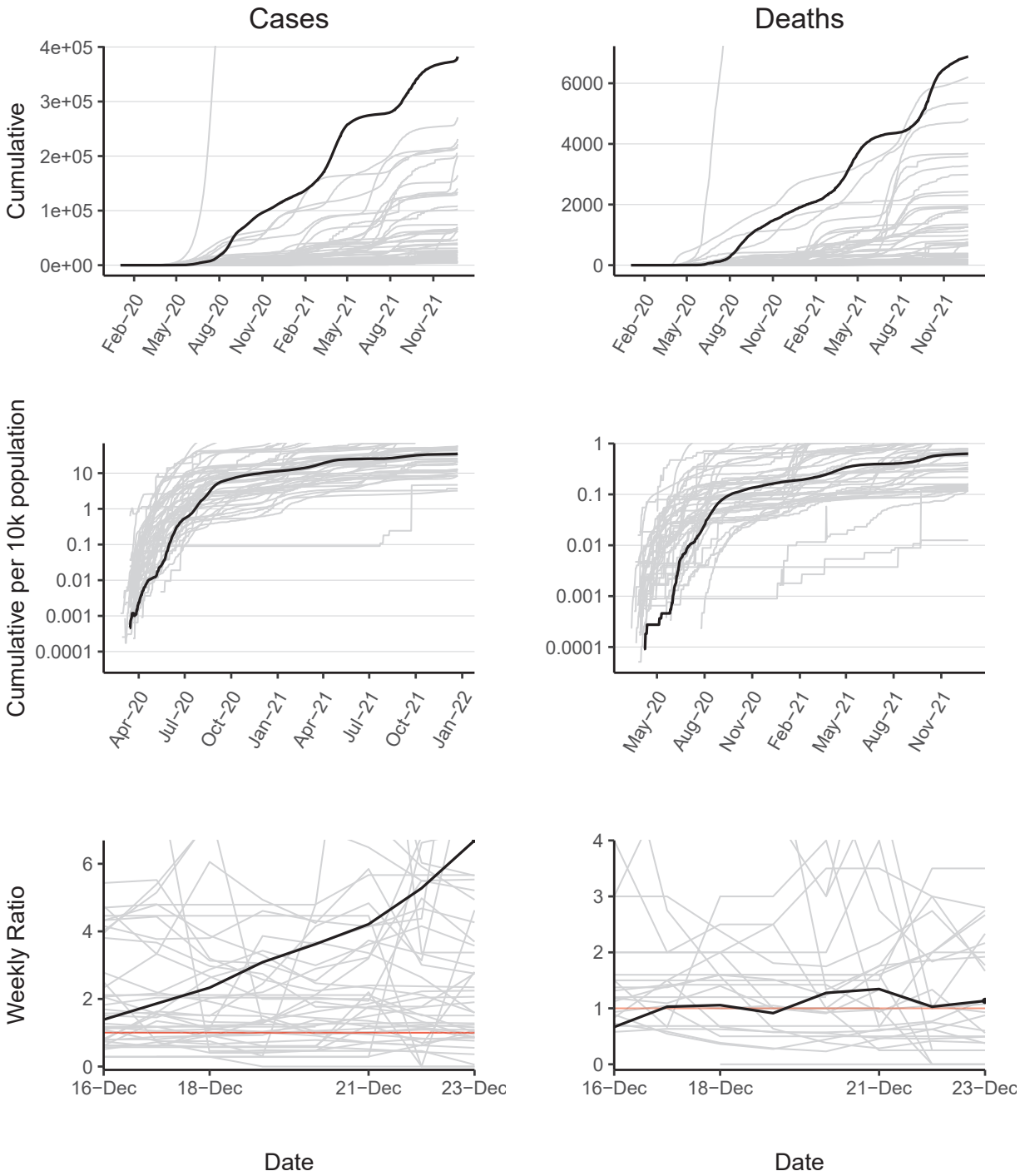
Eritrea has 7817 reported case(s) (40th in the region) and 70 reported death(s) (45th). Cumulative counts per 10,000 population of reported cases and deaths are 13 (38th) and 0.12 (46th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.86 (38th). The weekly ratio of reported deaths over the last 2 weeks is 1.7 (12th).

Eswatini



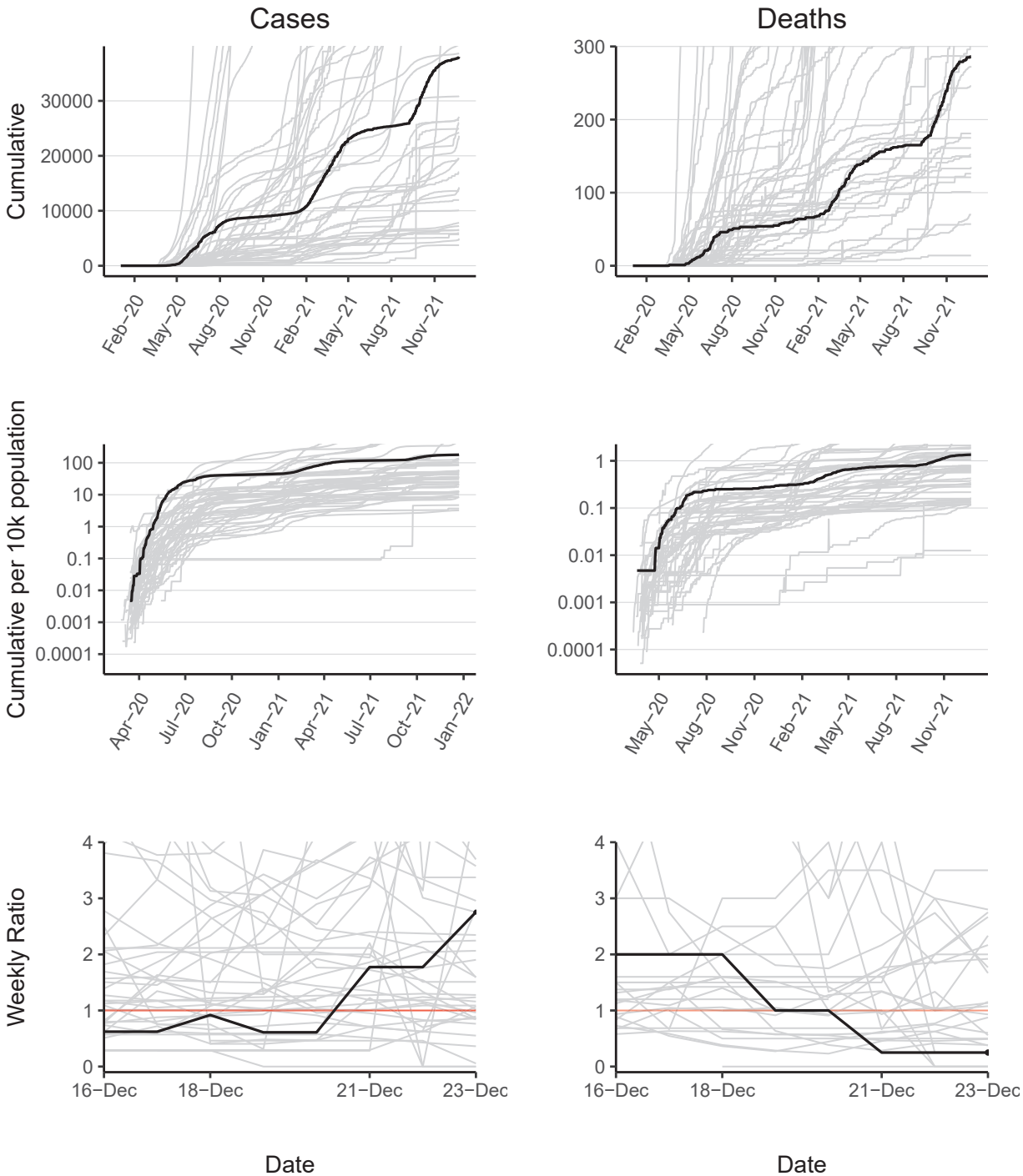
Eswatini has 62890 reported case(s) (20th in the region) and 1267 reported death(s) (17th). Cumulative counts per 10,000 population of reported cases and deaths are 460 (7th) and 9.3 (5th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.96 (35th). The weekly ratio of reported deaths over the last 2 weeks is 2.2 (7th).

Ethiopia



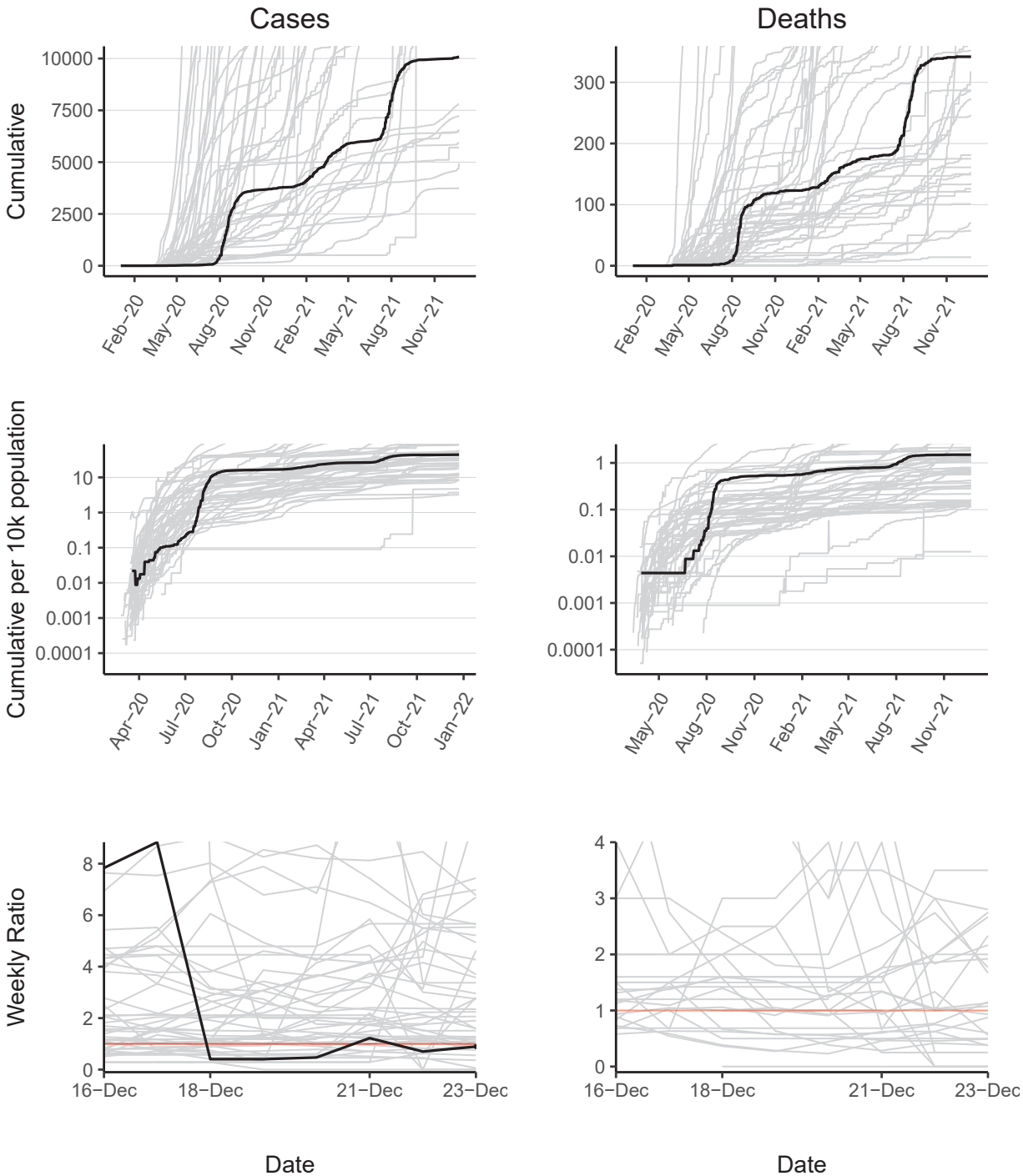
Ethiopia has 382371 reported case(s) (2nd in the region) and 6880 reported death(s) (2nd). Cumulative counts per 10,000 population of reported cases and deaths are 35 (26th) and 0.63 (27th) respectively. The weekly ratio of reported cases over the last 2 weeks is 6.7 (6th). The weekly ratio of reported deaths over the last 2 weeks is 1.1 (14th).

Gabon



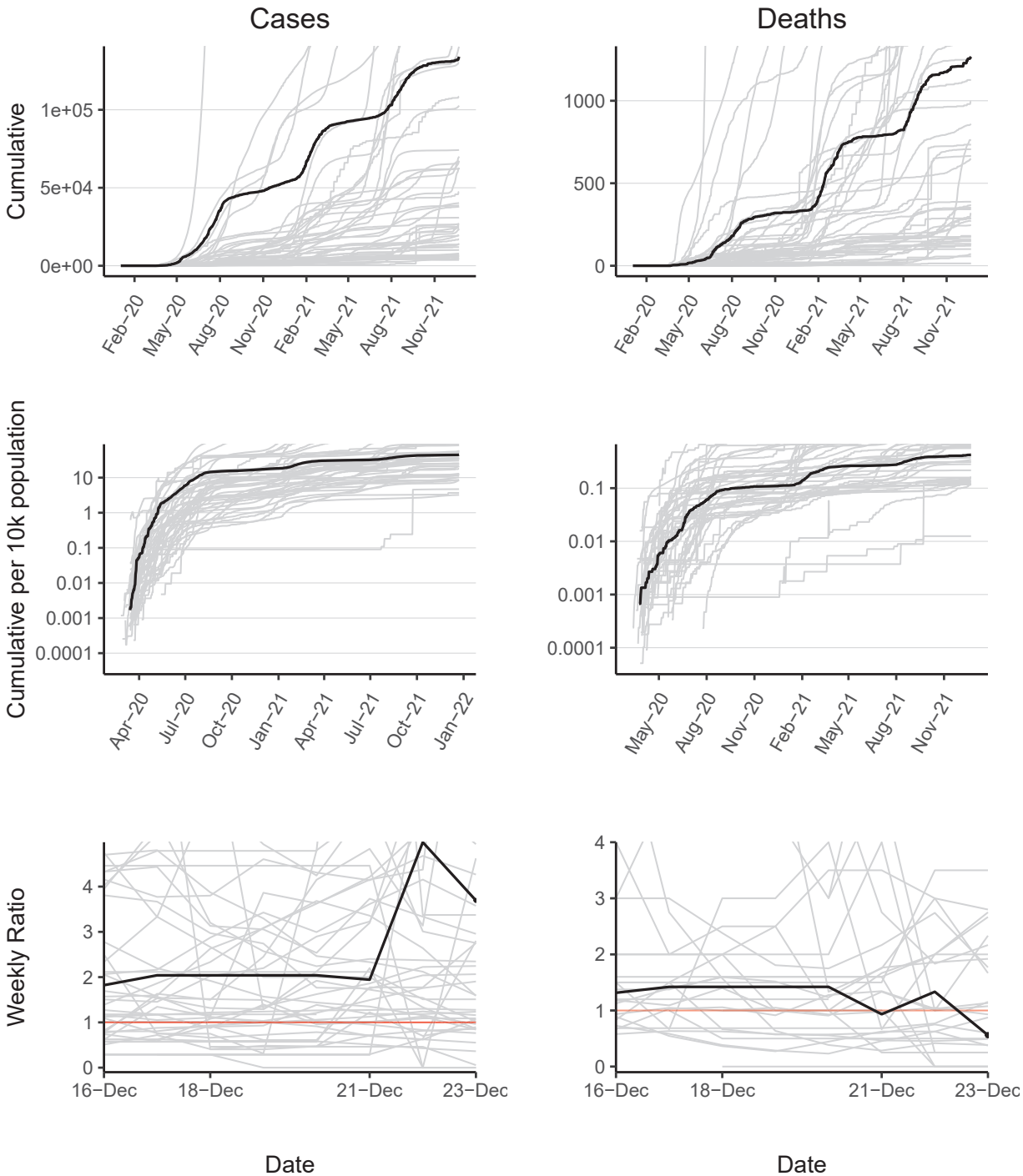
Gabon has 38039 reported case(s) (25th in the region) and 286 reported death(s) (33rd). Cumulative counts per 10,000 population of reported cases and deaths are 180 (8th) and 1.3 (16th) respectively. The weekly ratio of reported cases over the last 2 weeks is 2.8 (19th). The weekly ratio of reported deaths over the last 2 weeks is 0.25 (26th).

Gambia



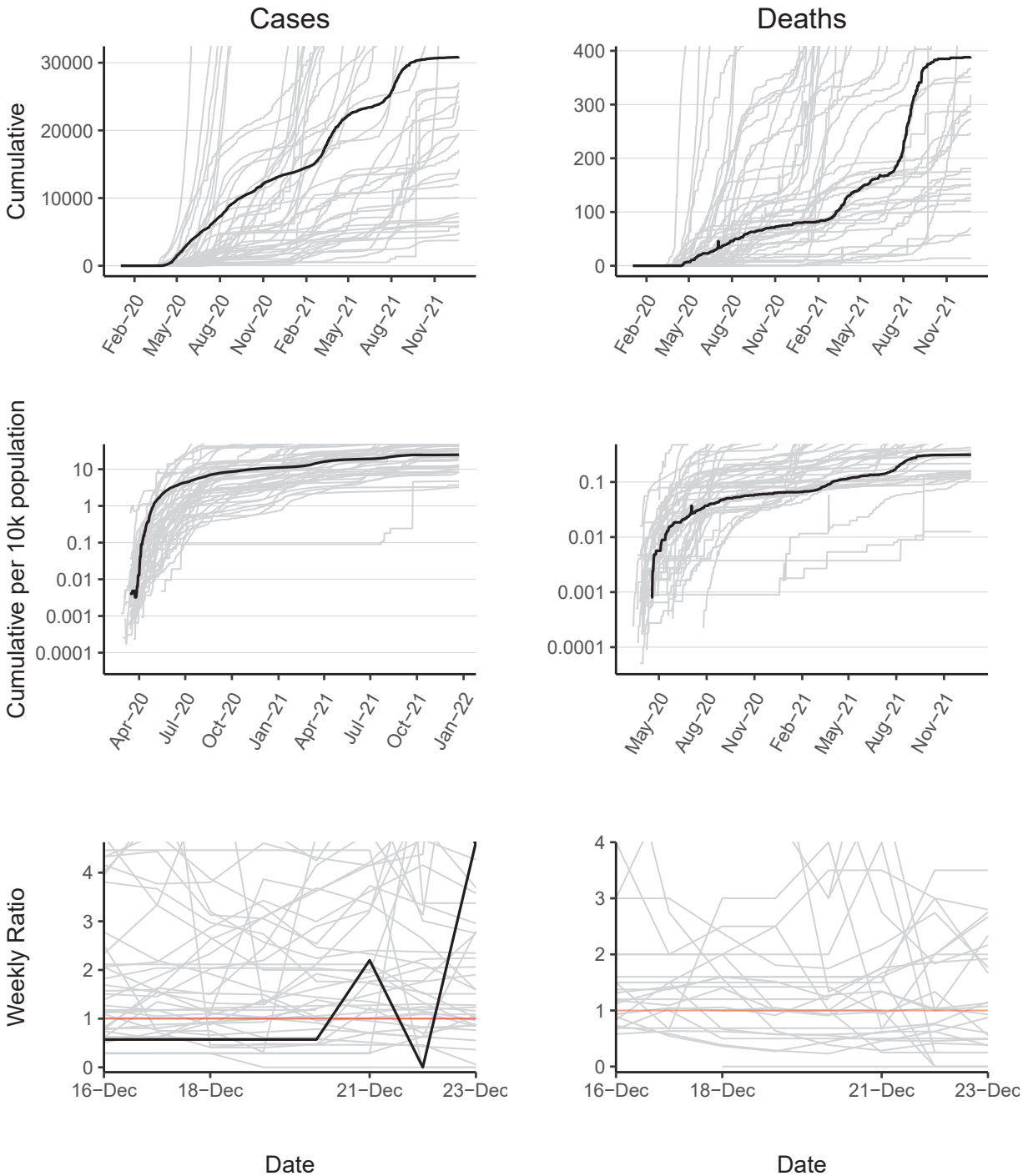
Gambia has 10087 reported case(s) (39th in the region) and 342 reported death(s) (30th). Cumulative counts per 10,000 population of reported cases and deaths are 44 (22nd) and 1.5 (14th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.89 (36th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Ghana



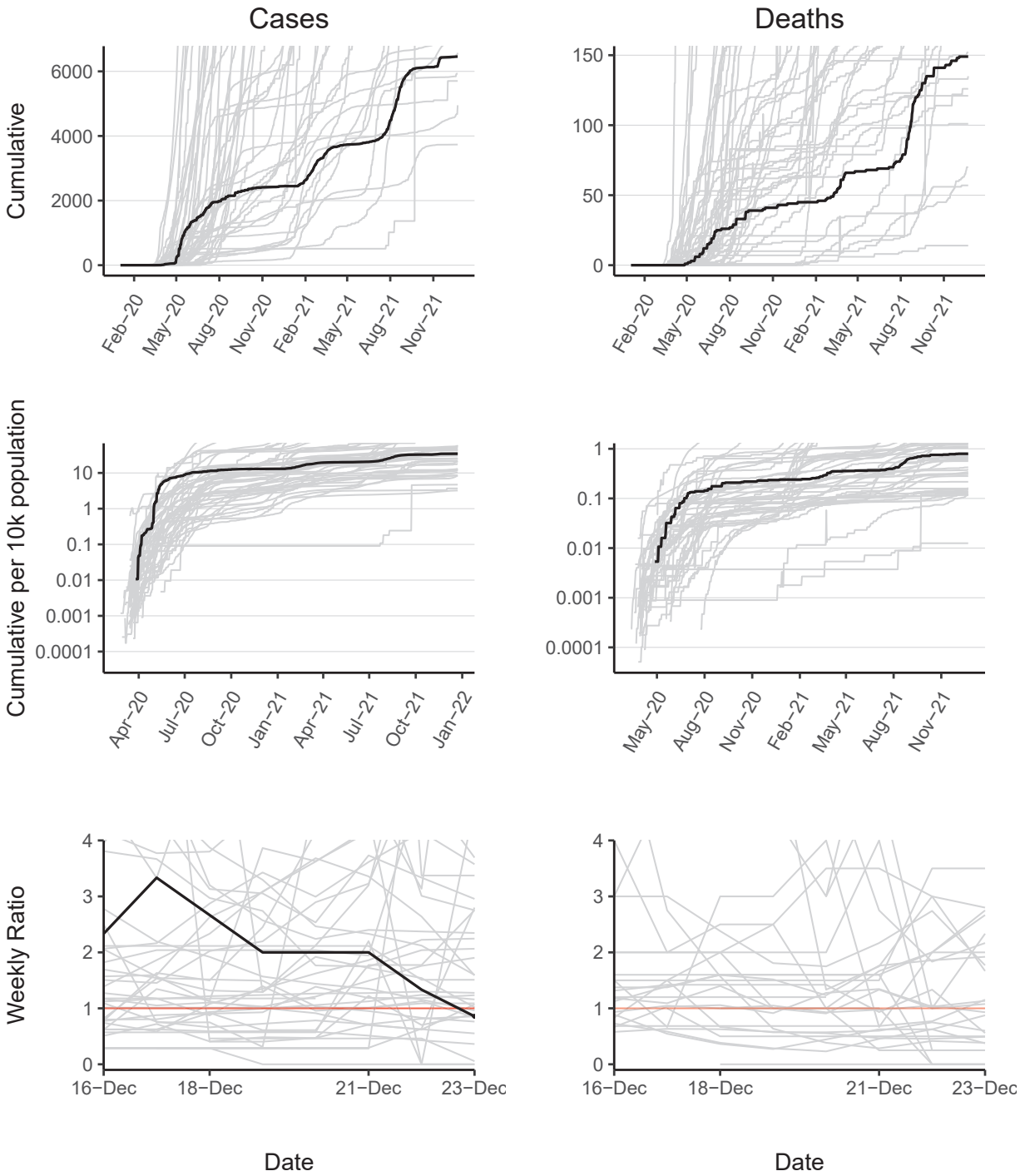
Ghana has 134034 reported case(s) (11th in the region) and 1267 reported death(s) (18th). Cumulative counts per 10,000 population of reported cases and deaths are 45 (21st) and 0.43 (30th) respectively. The weekly ratio of reported cases over the last 2 weeks is 3.7 (14th). The weekly ratio of reported deaths over the last 2 weeks is 0.56 (19th).

Guinea



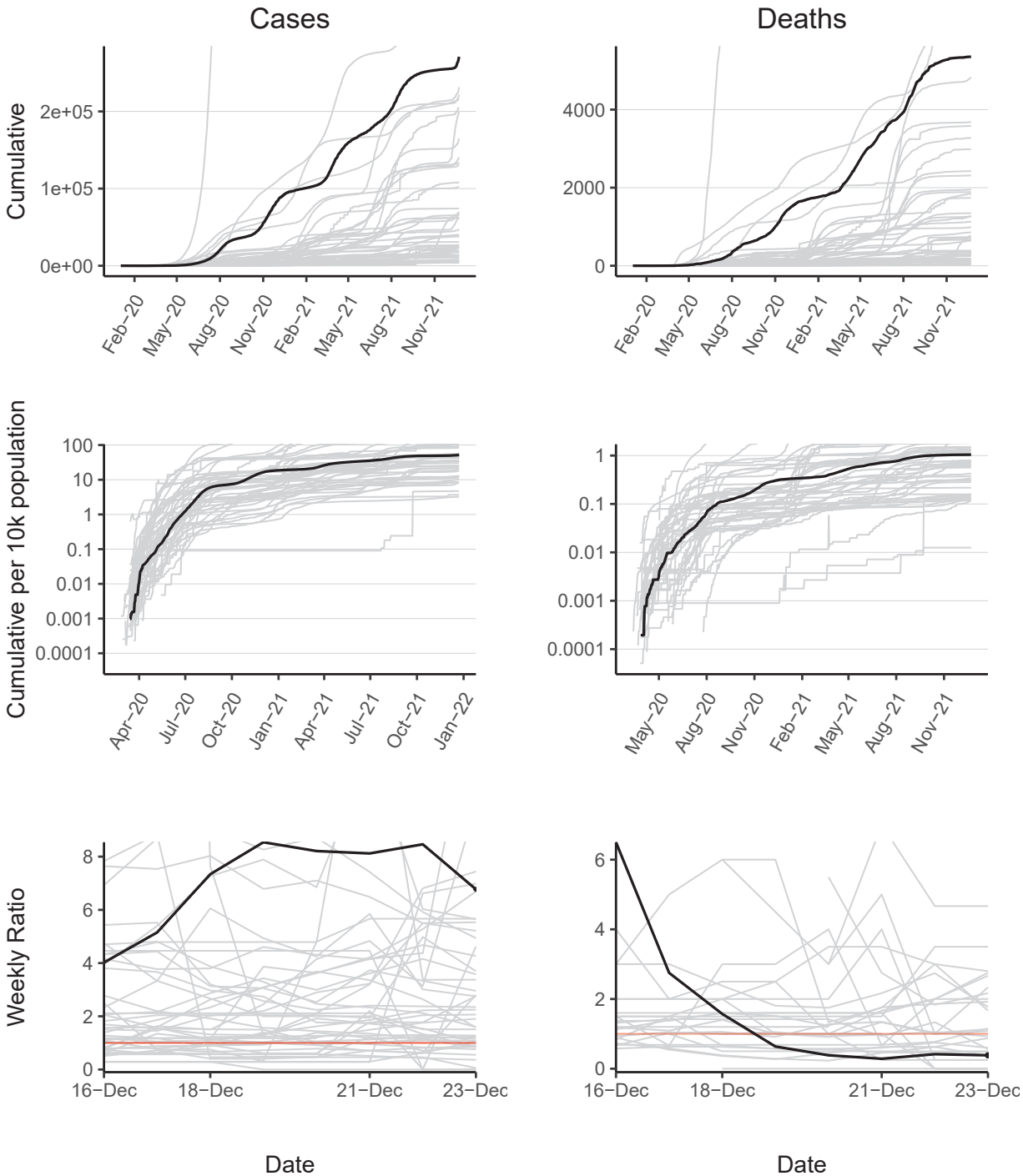
Guinea has 30888 reported case(s) (26th in the region) and 389 reported death(s) (27th). Cumulative counts per 10,000 population of reported cases and deaths are 25 (32nd) and 0.31 (33rd) respectively. The weekly ratio of reported cases over the last 2 weeks is 4.6 (12th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Guinea-Bissau



Guinea-Bissau has 6458 reported case(s) (43rd in the region) and 149 reported death(s) (40th). Cumulative counts per 10,000 population of reported cases and deaths are 34 (27th) and 0.79 (22nd) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.86 (37th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Kenya



Kenya has 270899 reported case(s) (3rd in the region) and 5355 reported death(s) (4th). Cumulative counts per 10,000 population of reported cases and deaths are 53 (18th) and 1 (21st) respectively. The weekly ratio of reported cases over the last 2 weeks is 6.8 (5th). The weekly ratio of reported deaths over the last 2 weeks is 0.38 (22nd).