

## COVID-19 situation report for WHO Africa Region

25/09/2020

Produced by the TIBA COVID-19 Pandemic Response Unit



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## Section 1: Overview of WHO Africa Region 24/09/2020

### Overview



**Total Reported Cases**  
**1154170**

**Total Reported Deaths**  
**25151**

## Methods

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

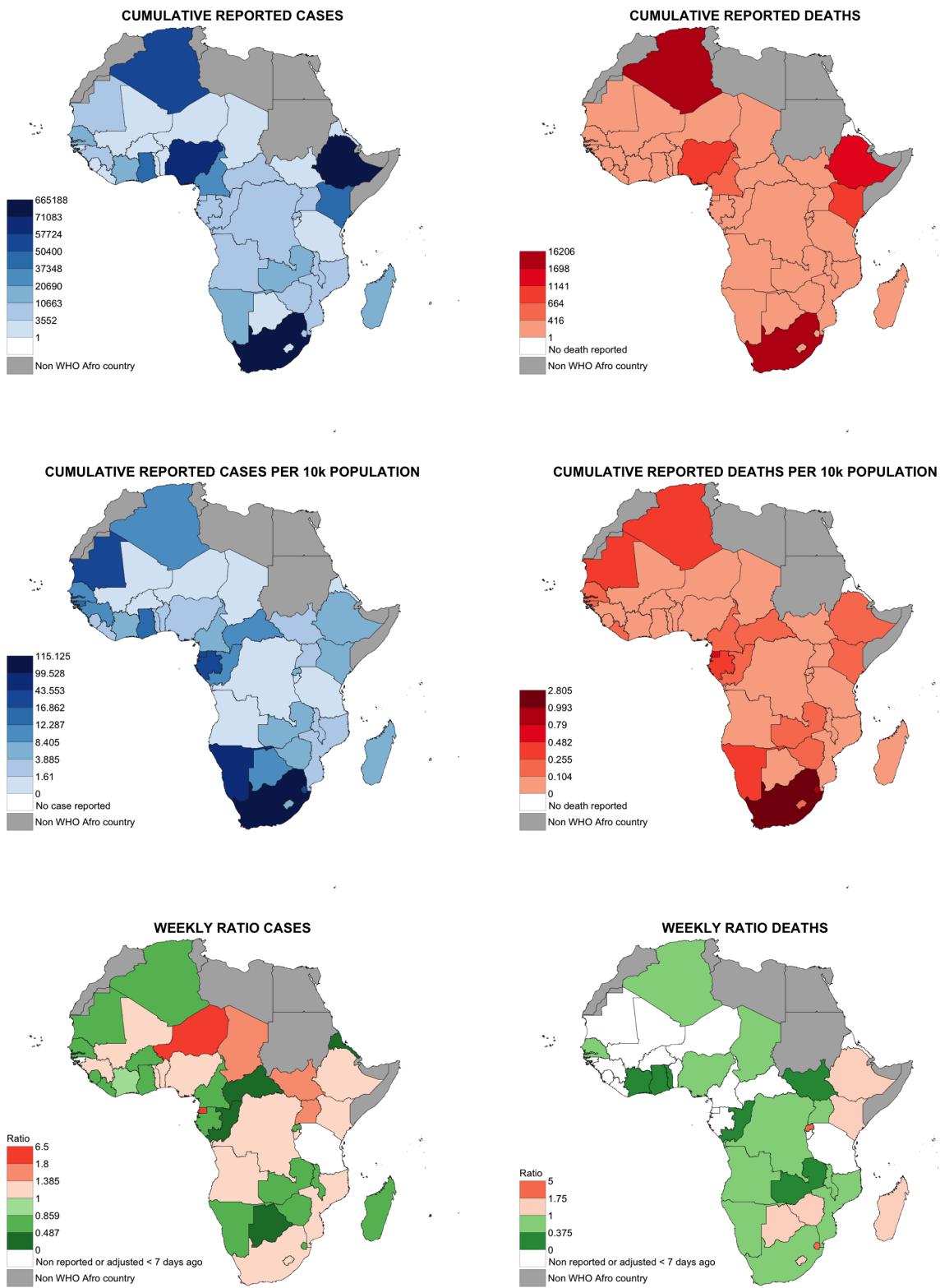
The maps below summarise the in-country situations:

- 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 ratios 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- Doubling times have been replaced by weekly ratios because some countries are moving out of the exponential phase of the epidemic.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

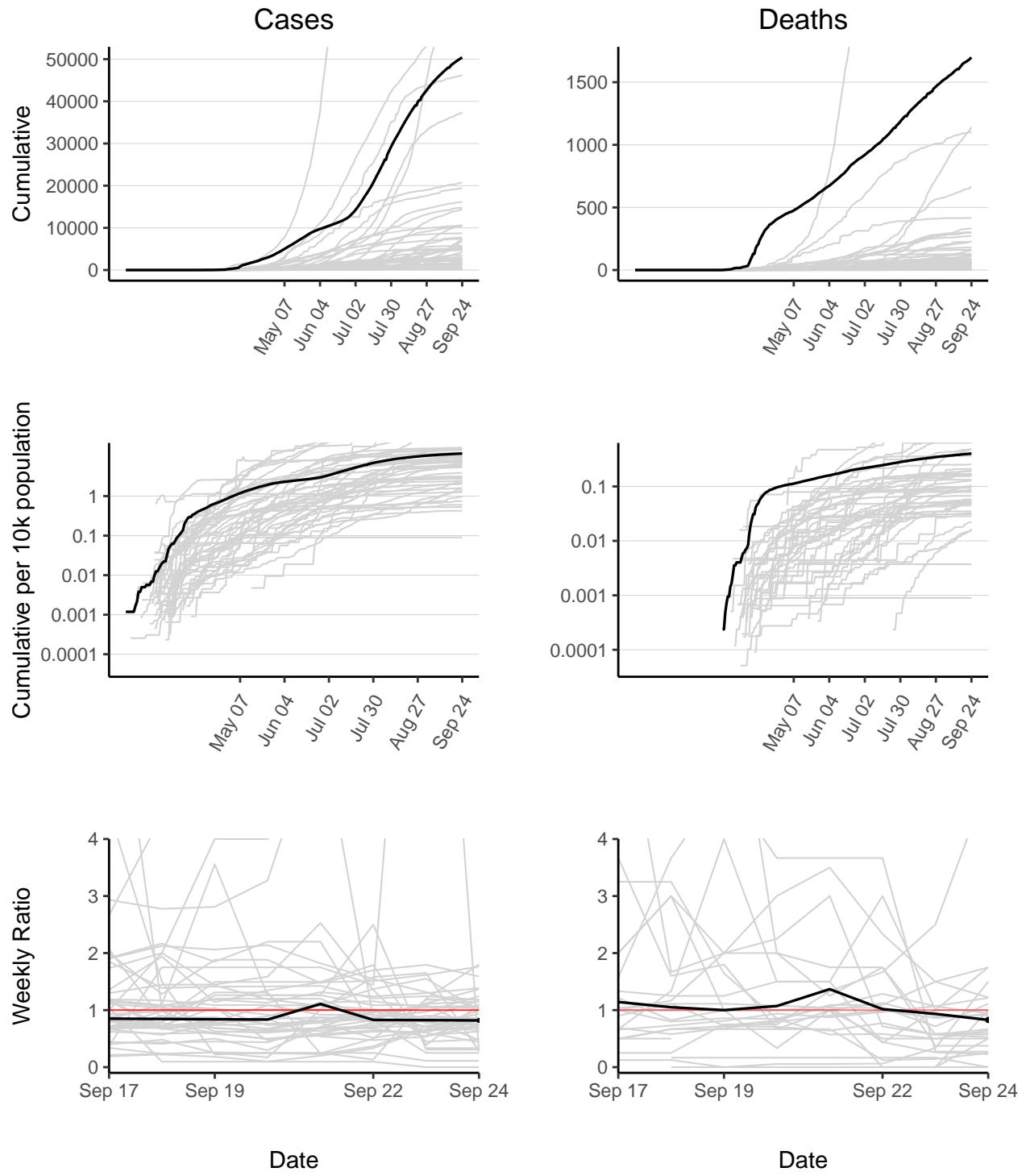
As of 24/09/2020, each panel below shows for each country:

- 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 24/09/2020. Gaps in the plotted data indicate values that could not be calculated.

Caveats;

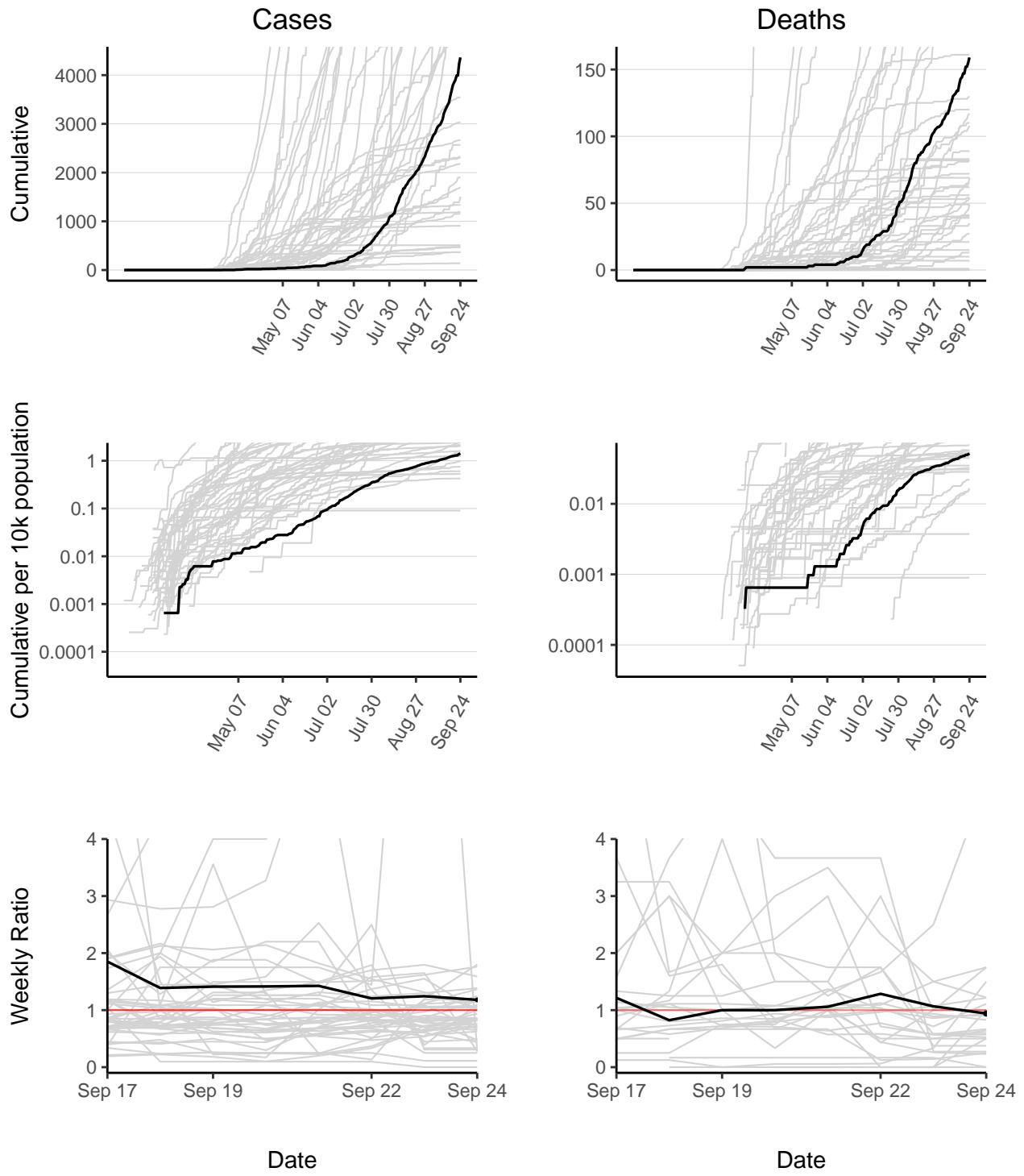
- Retrospective changes in reporting policy may cause cumulative deaths/cases counts to drop as described in WHO Sit Rep Number 105, published on 04/05/2020.

# Algeria



Algeria has 50400 reported case(s) (4th in the region) and 1698 reported death(s) (2nd). Cumulative counts per 10,000 population of reported cases and deaths are 12 (13th) and 0.4 (8th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.82 (26th). The weekly ratio of reported deaths over the last 2 weeks is 0.83 (13th).

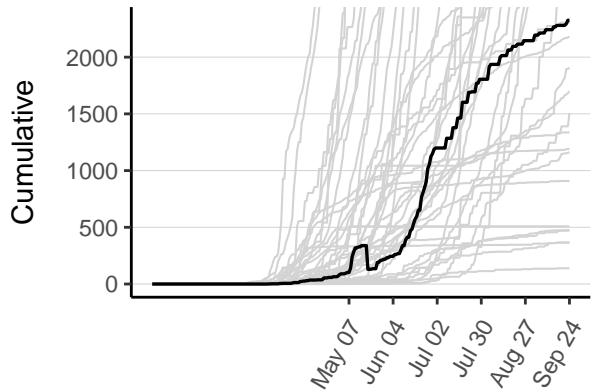
# Angola



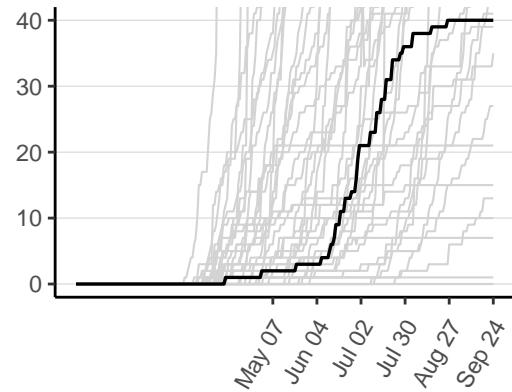
Angola has 4363 reported case(s) (27th in the region) and 159 reported death(s) (15th). Cumulative counts per 10,000 population of reported cases and deaths are 1.4 (40th) and 0.052 (34th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.2 (9th). The weekly ratio of reported deaths over the last 2 weeks is 0.94 (10th).

# Benin

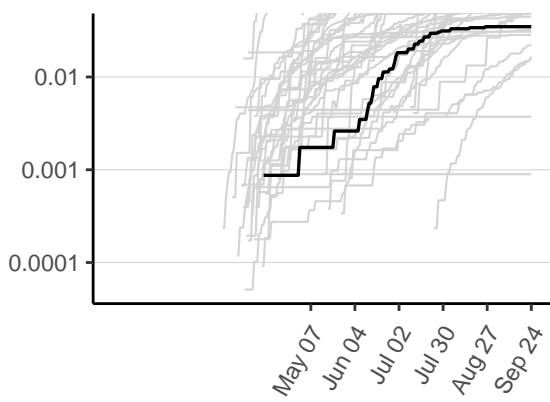
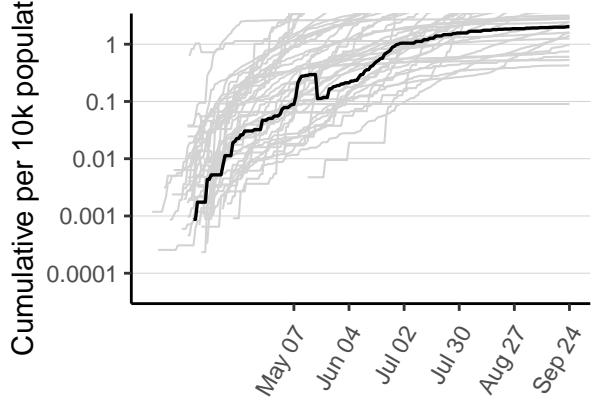
Cases



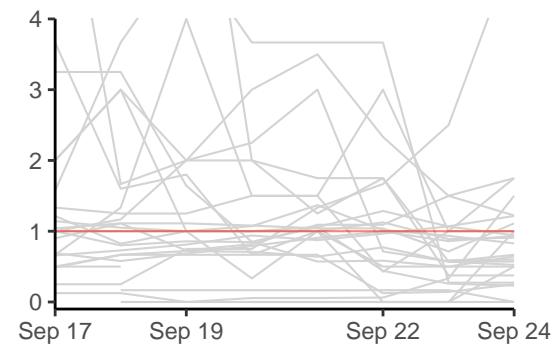
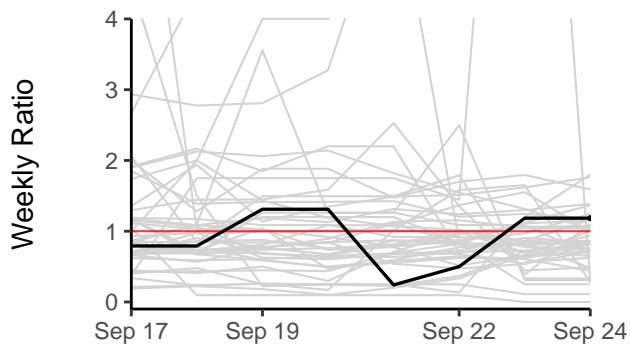
Deaths



Cumulative per 10k population



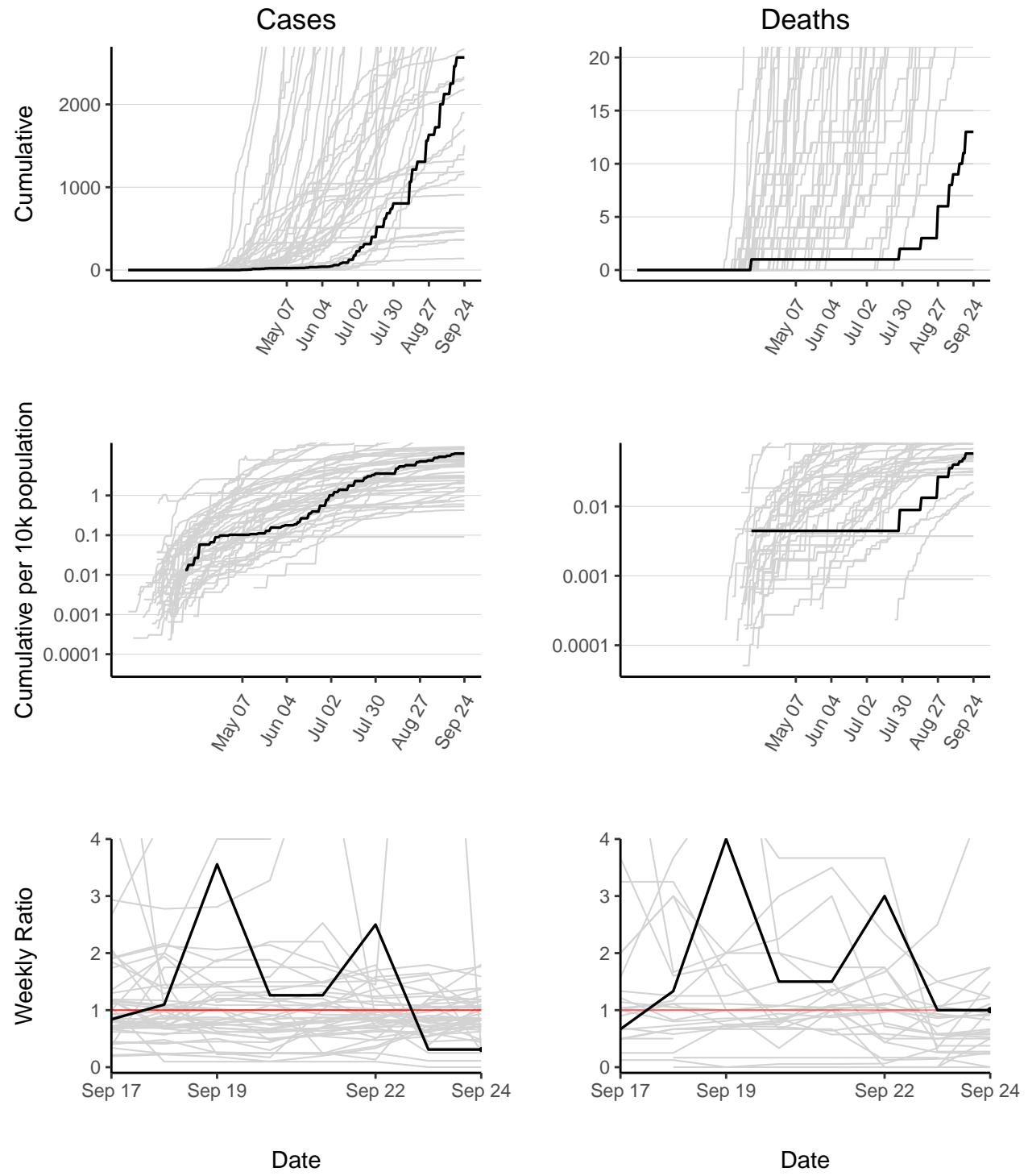
Weekly Ratio



Date

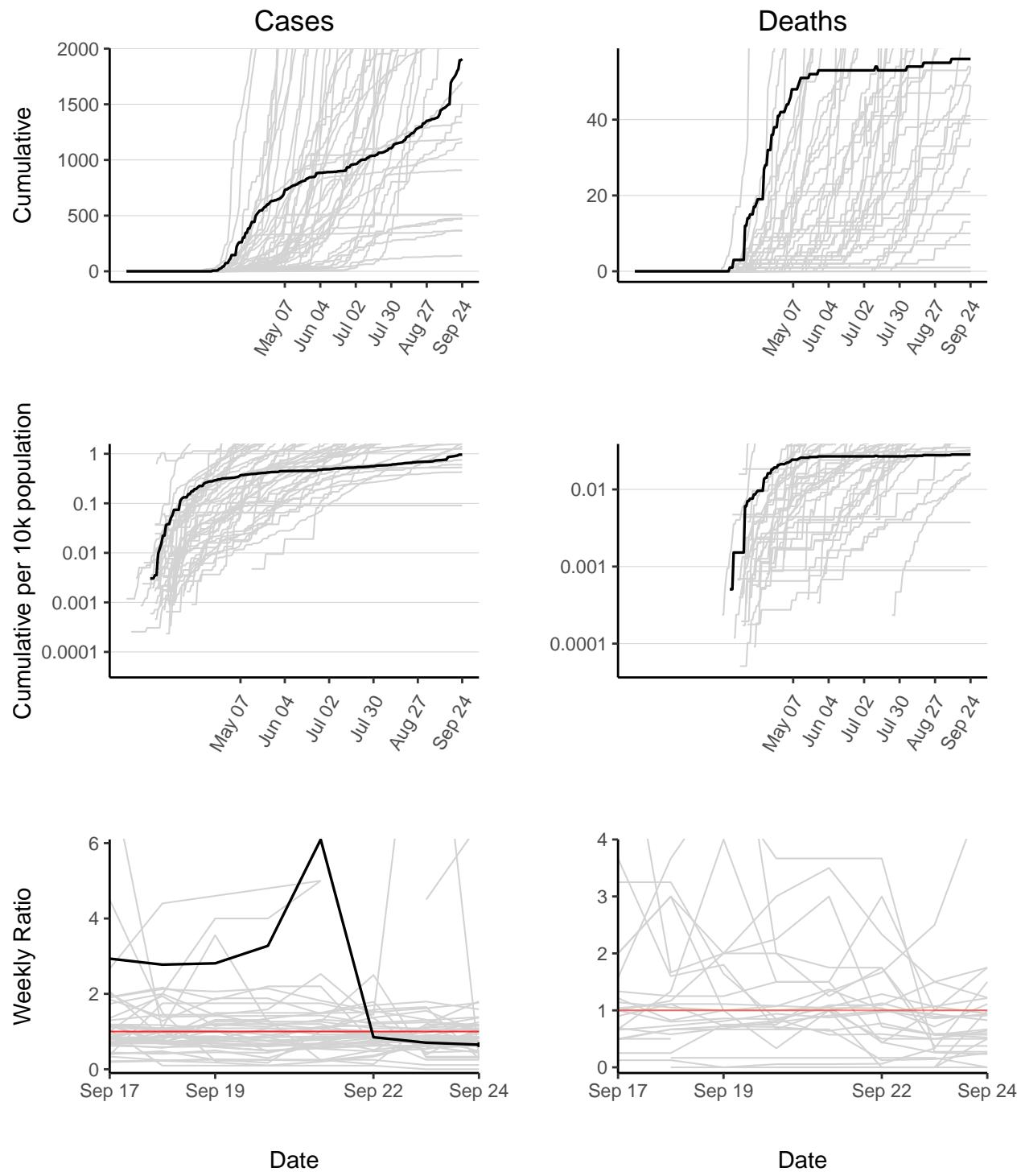
Benin has 2325 reported case(s) (32nd in the region) and 40 reported death(s) (36th). Cumulative counts per 10,000 population of reported cases and deaths are 2 (37th) and 0.035 (37th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.2 (8th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

# Botswana

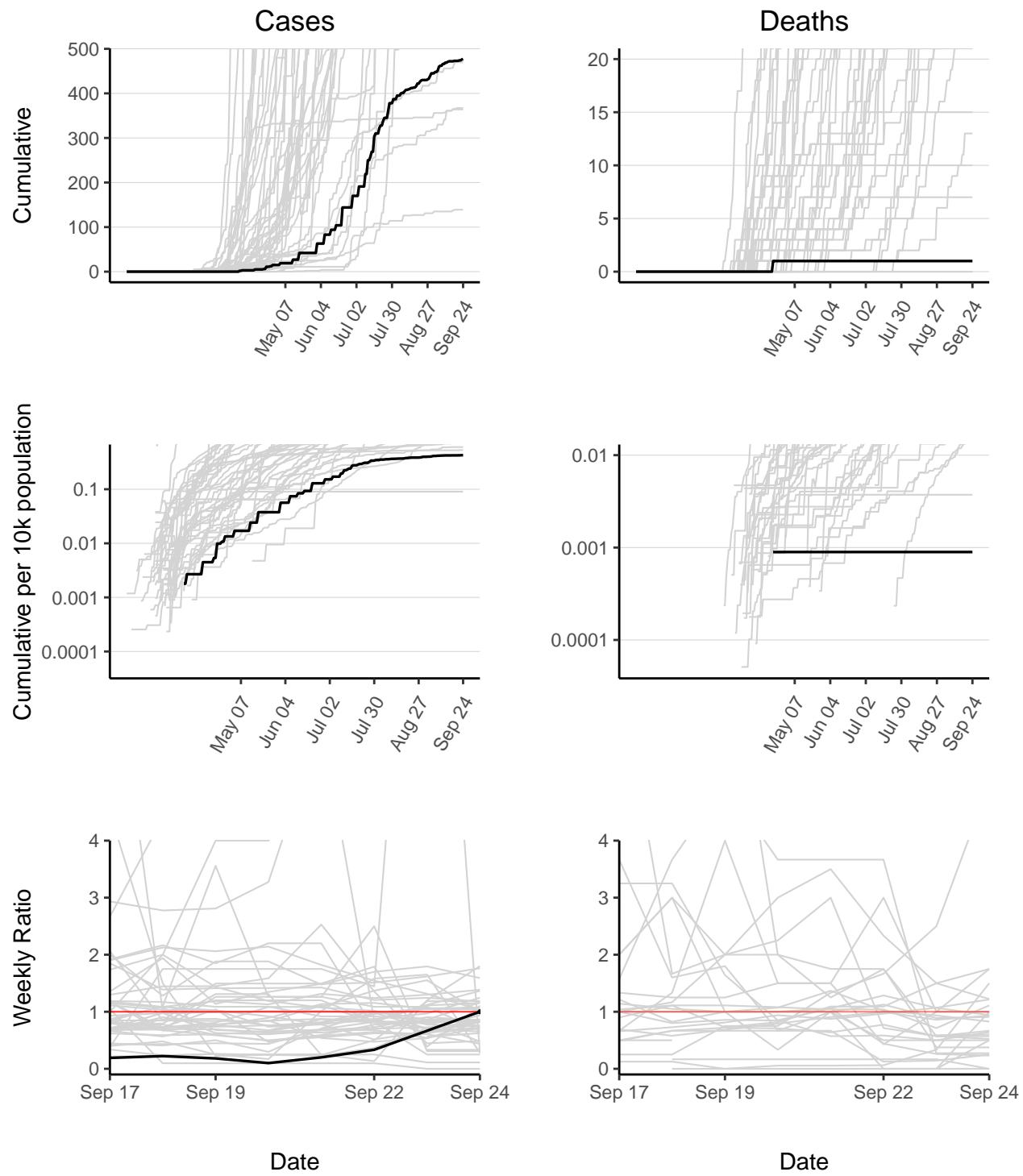


Botswana has 2567 reported case(s) (31st in the region) and 13 reported death(s) (42nd). Cumulative counts per 10,000 population of reported cases and deaths are 11 (14th) and 0.058 (29th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.31 (40th). The weekly ratio of reported deaths over the last 2 weeks is 1 (8th).

# Burkina Faso

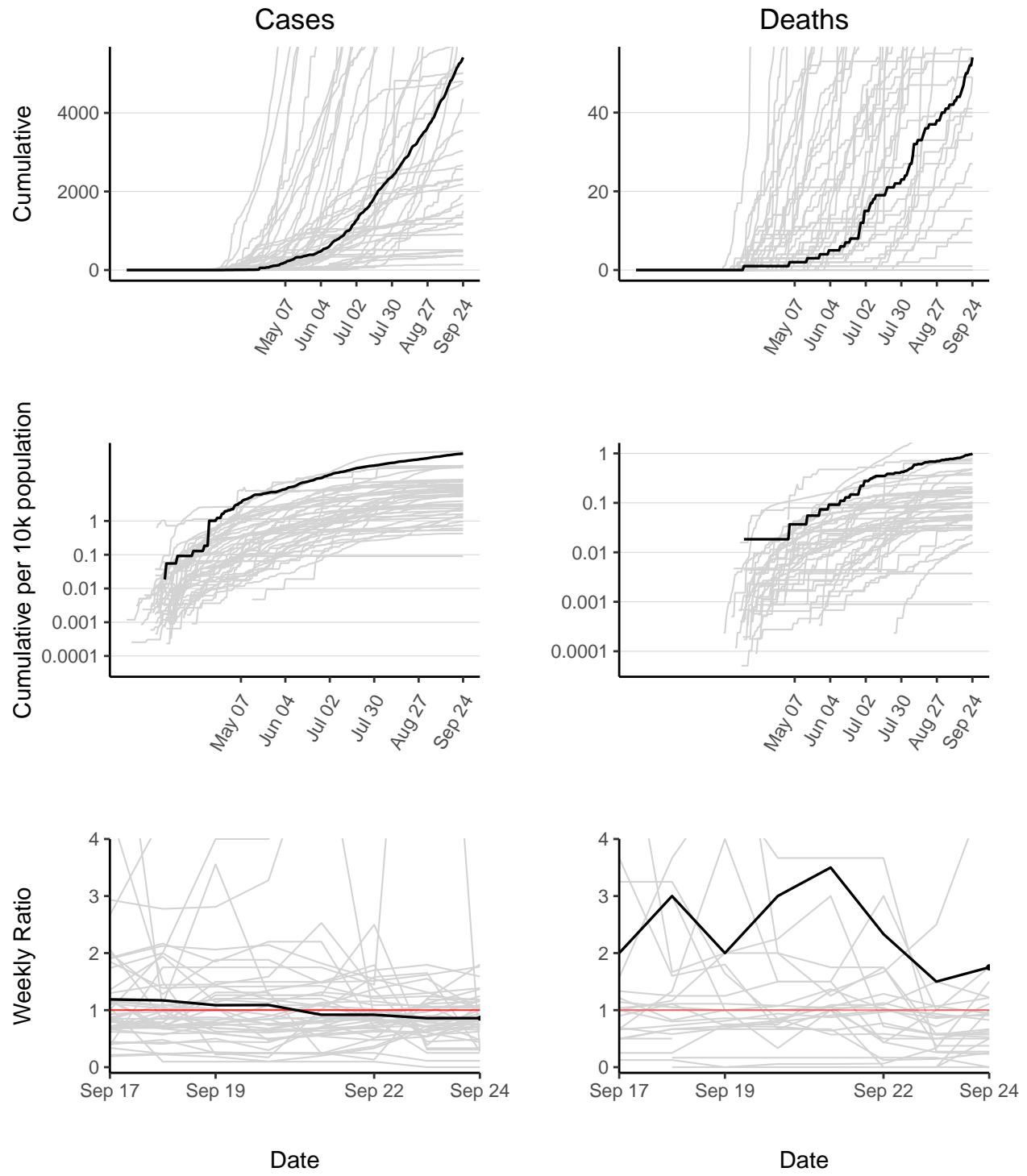


# Burundi



**Date**  
 Burundi has 477 reported case(s) (43rd in the region) and 1 reported death(s) (45th). Cumulative counts per 10,000 population of reported cases and deaths are 0.43 (46th) and 0.00089 (45th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1 (17th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

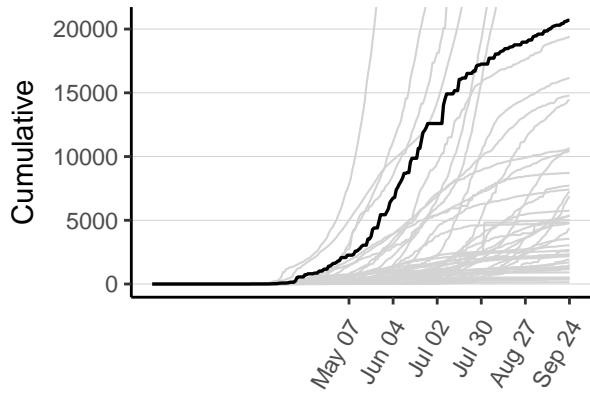
# Cabo Verde



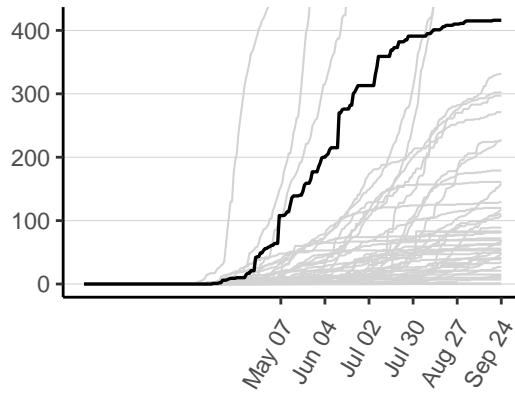
Cabo Verde has 5412 reported case(s) (21st in the region) and 54 reported death(s) (31st). Cumulative counts per 10,000 population of reported cases and deaths are 100 (2nd) and 0.99 (2nd) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.86 (20th). The weekly ratio of reported deaths over the last 2 weeks is 1.8 (2nd).

# Cameroon

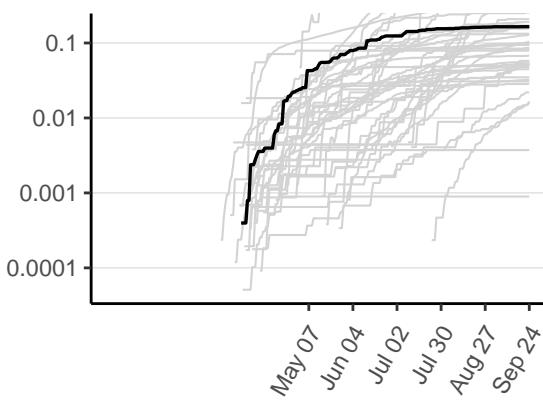
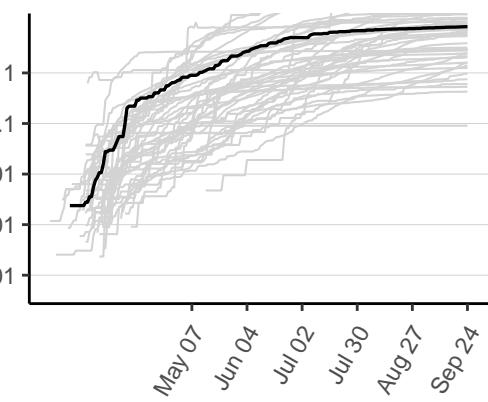
Cases



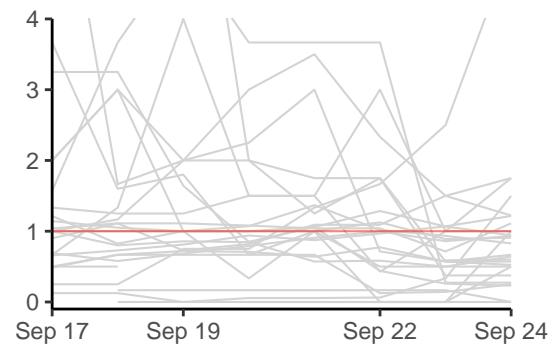
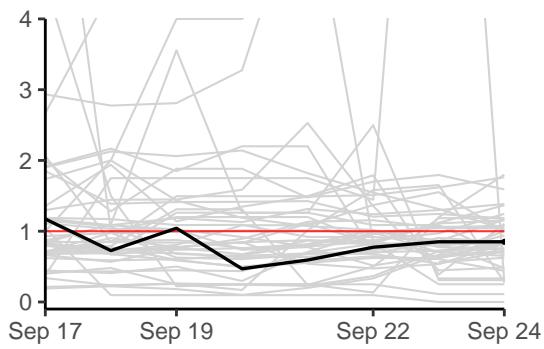
Deaths



Cumulative per 10k population



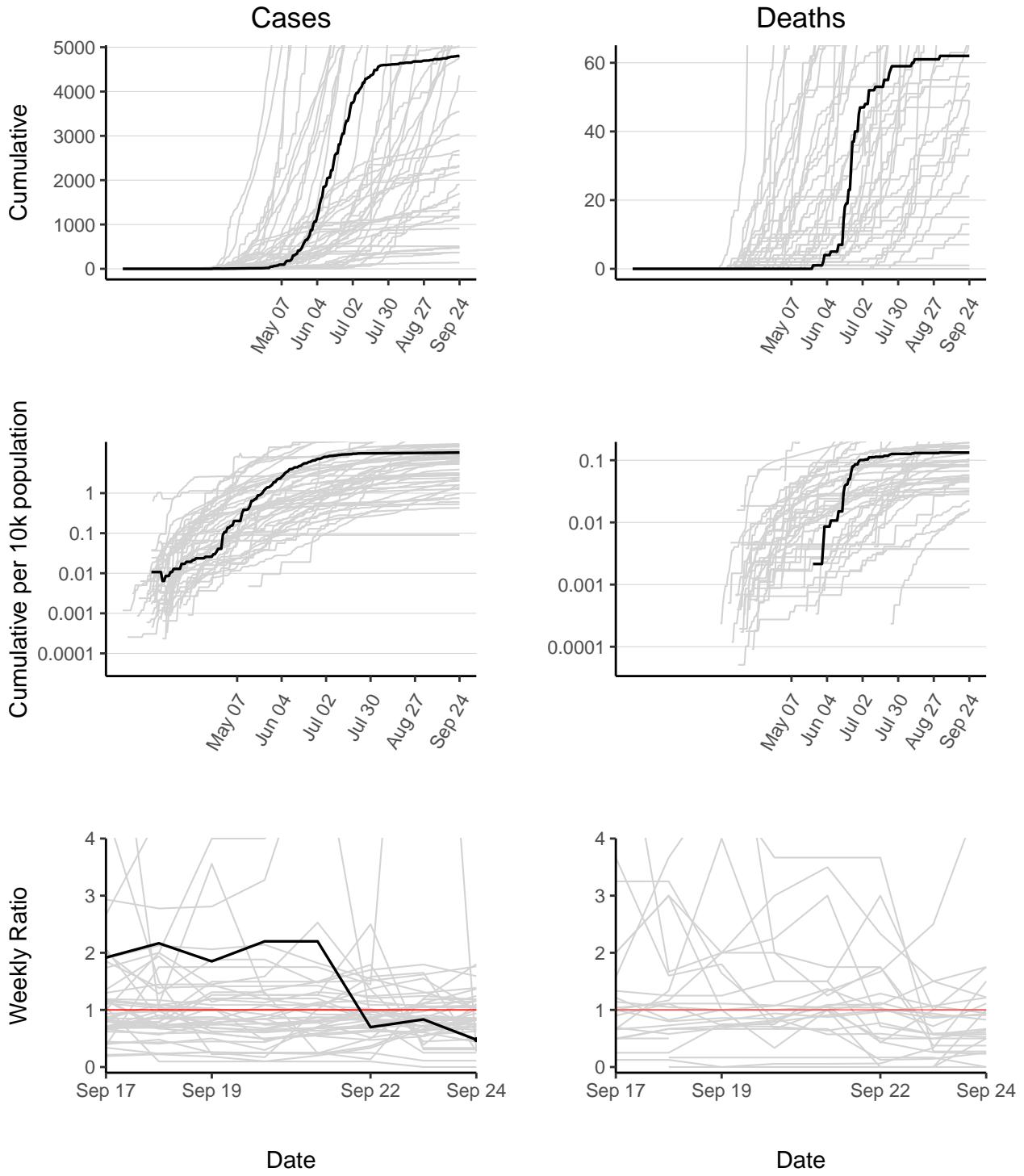
Weekly Ratio



Date

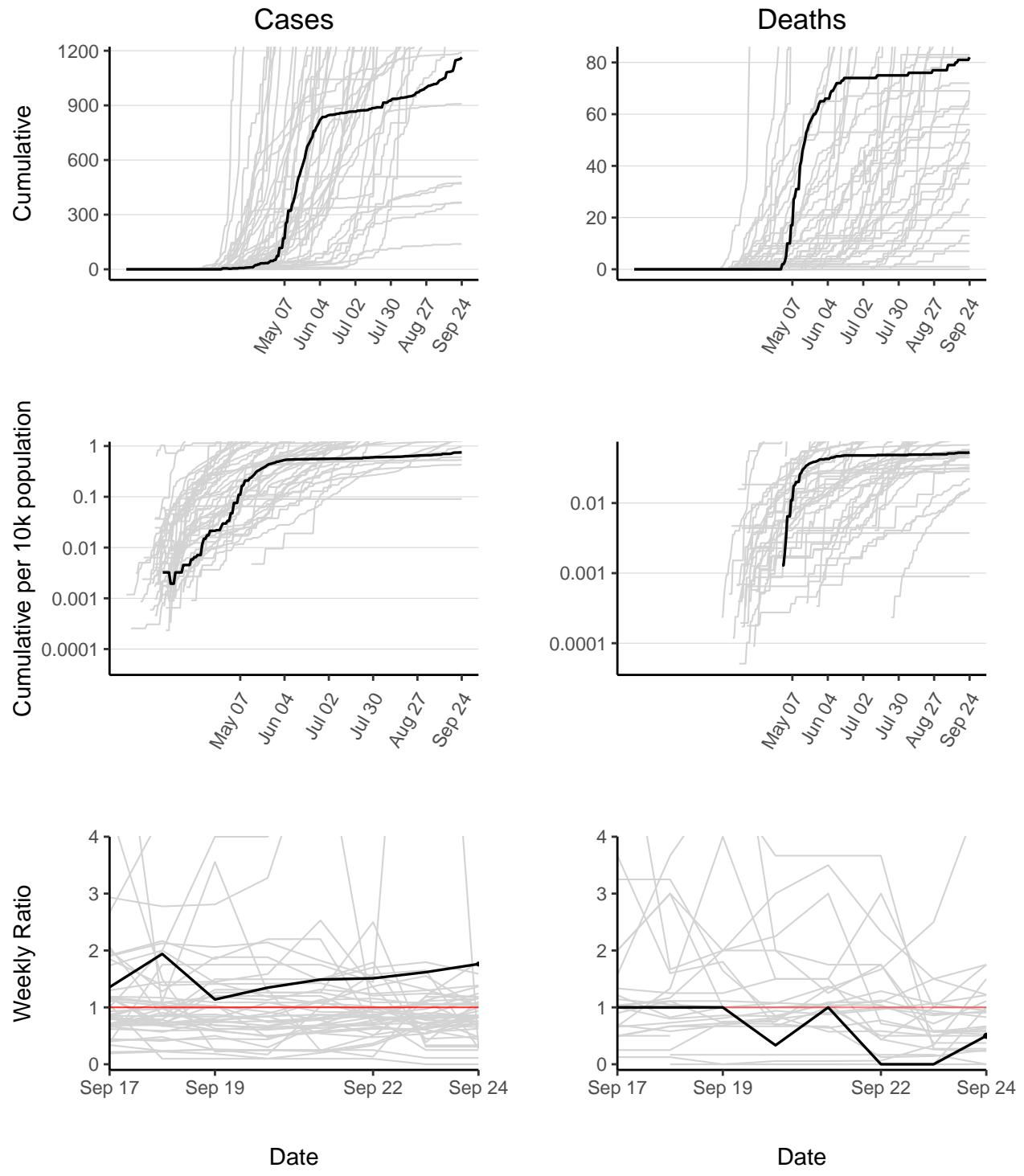
Cameroon has 20690 reported case(s) (7th in the region) and 416 reported death(s) (6th). Cumulative counts per 10,000 population of reported cases and deaths are 8.2 (20th) and 0.16 (17th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.85 (22nd). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

# Central African Republic



Central African Republic has 4804 reported case(s) (25th in the region) and 62 reported death(s) (29th). Cumulative counts per 10,000 population of reported cases and deaths are 10 (15th) and 0.13 (19th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.48 (37th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

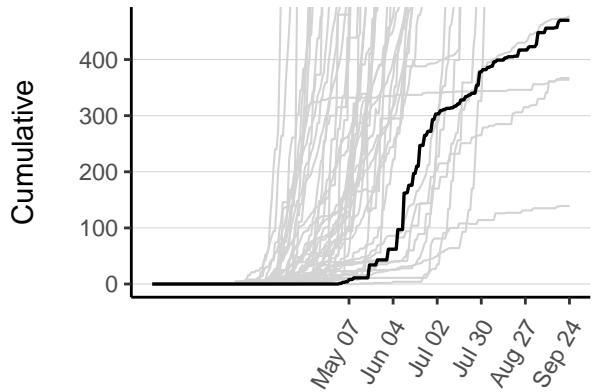
# Chad



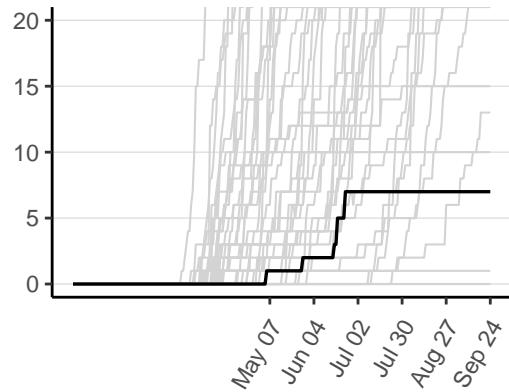
**Date**  
 Chad has 1164 reported case(s) (40th in the region) and 82 reported death(s) (23rd). Cumulative counts per 10,000 population of reported cases and deaths are 0.75 (43rd) and 0.053 (31st) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.8 (3rd). The weekly ratio of reported deaths over the last 2 weeks is 0.5 (19th).

# Comoros

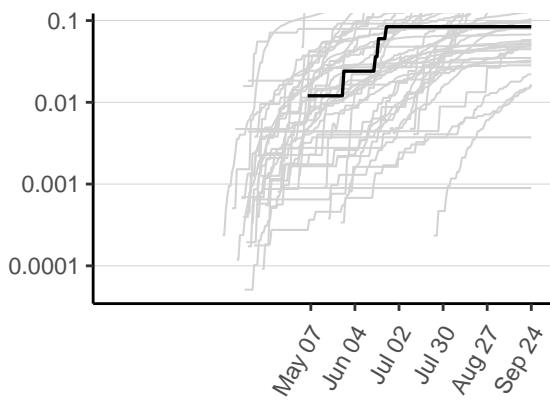
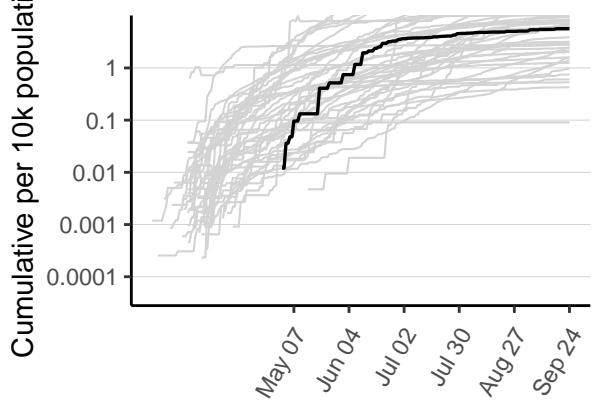
Cases



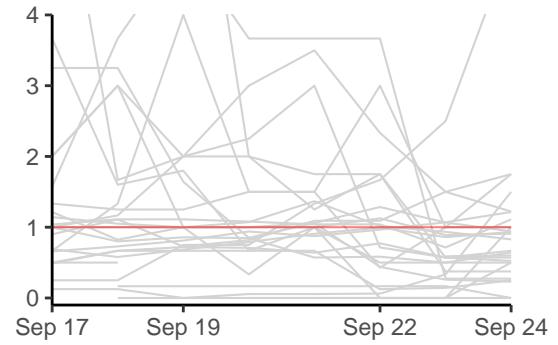
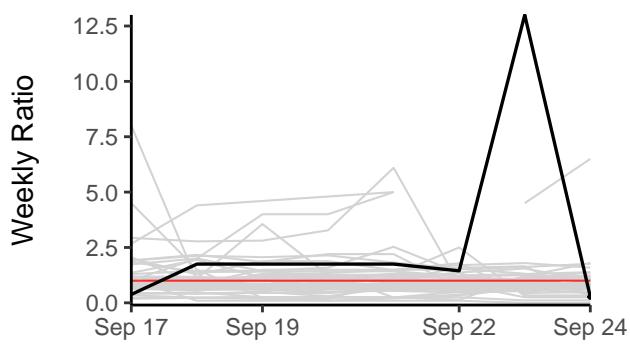
Deaths



Cumulative per 10k population



Weekly Ratio

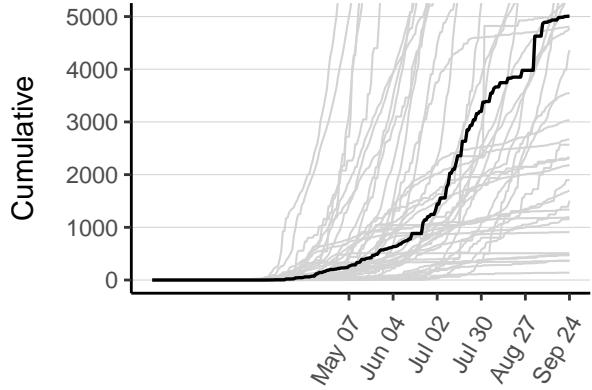


Date

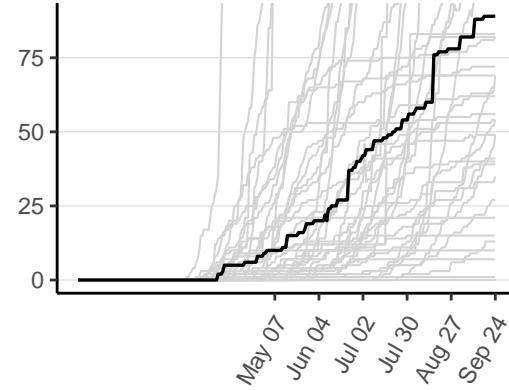
Comoros has 470 reported case(s) (44th in the region) and 7 reported death(s) (44th). Cumulative counts per 10,000 population of reported cases and deaths are 5.6 (26th) and 0.084 (26th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.27 (42nd). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

# Congo

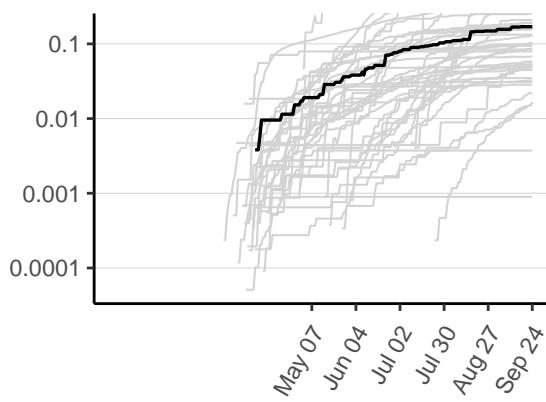
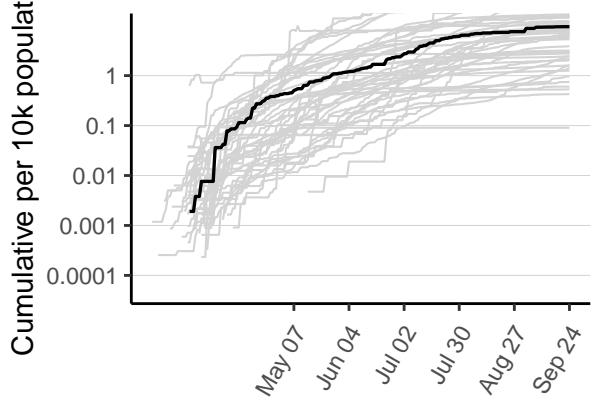
Cases



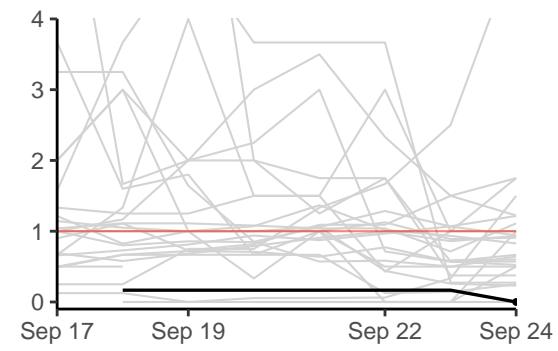
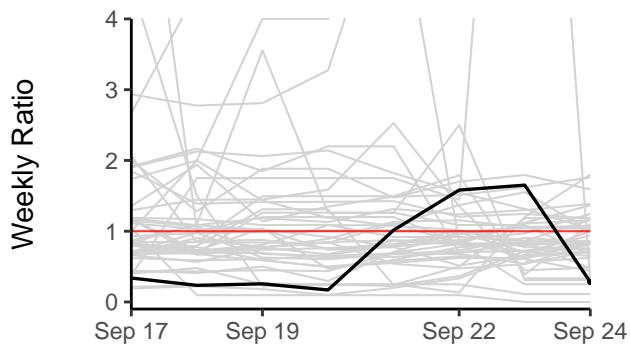
Deaths



Cumulative per 10k population



Weekly Ratio

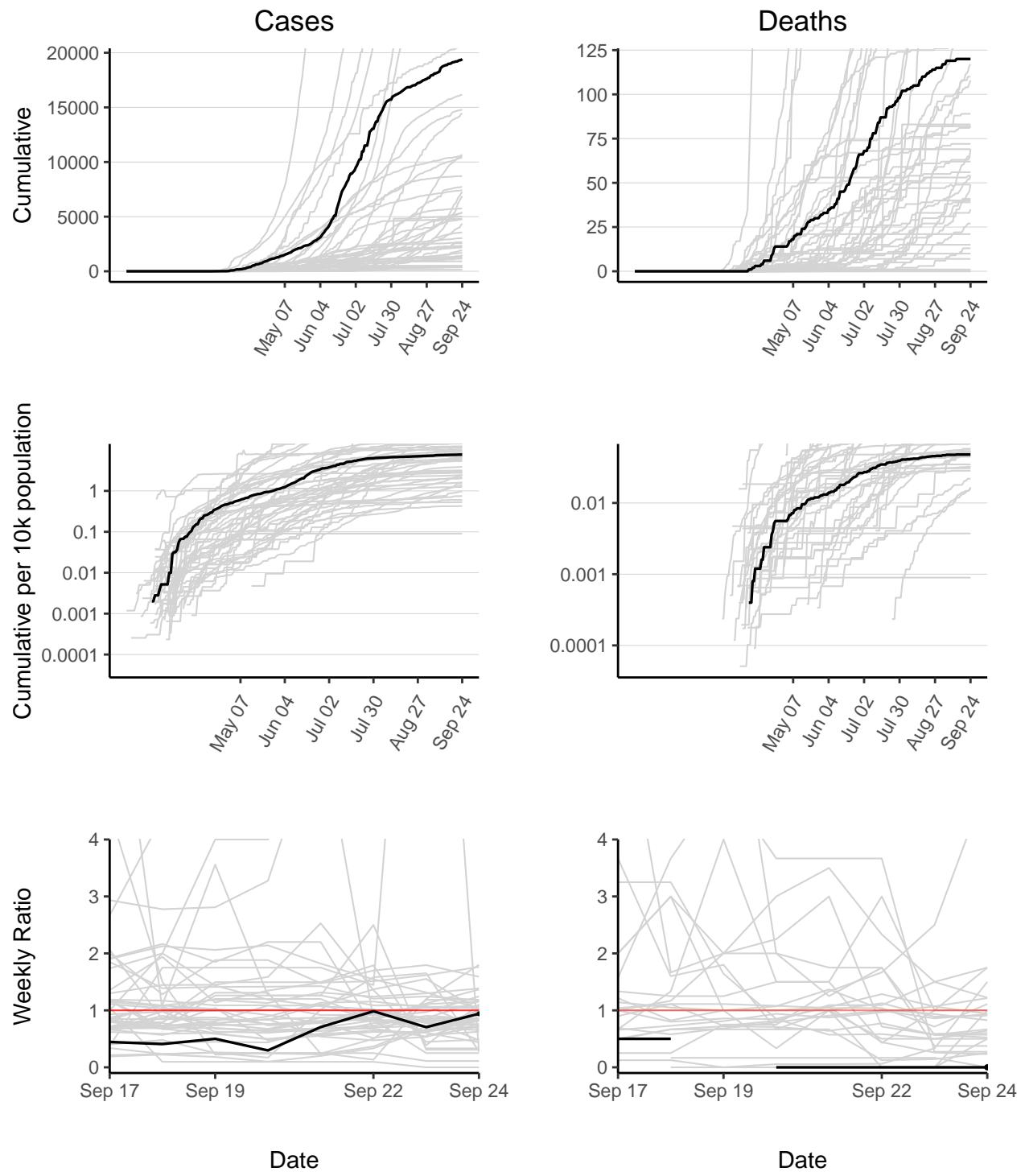


Date

Congo has 5005 reported case(s) (24th in the region) and 89 reported death(s) (21st). Cumulative counts per 10,000 population of reported cases and deaths are 9.5 (16th) and 0.17 (15th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.28 (41st). The weekly ratio of reported deaths over the last 2 weeks is 0 (25th).

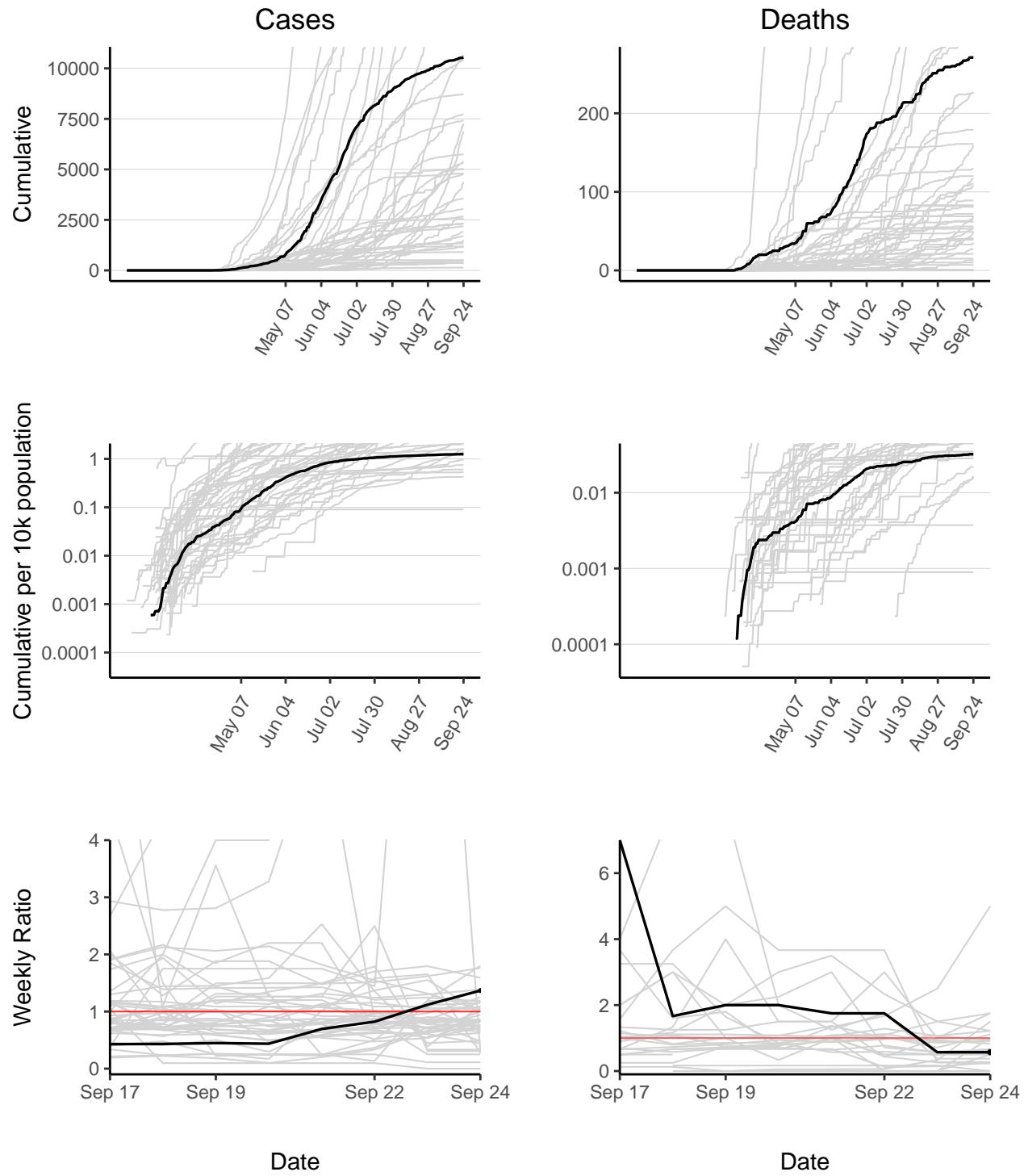
Date

# Cote d'Ivoire



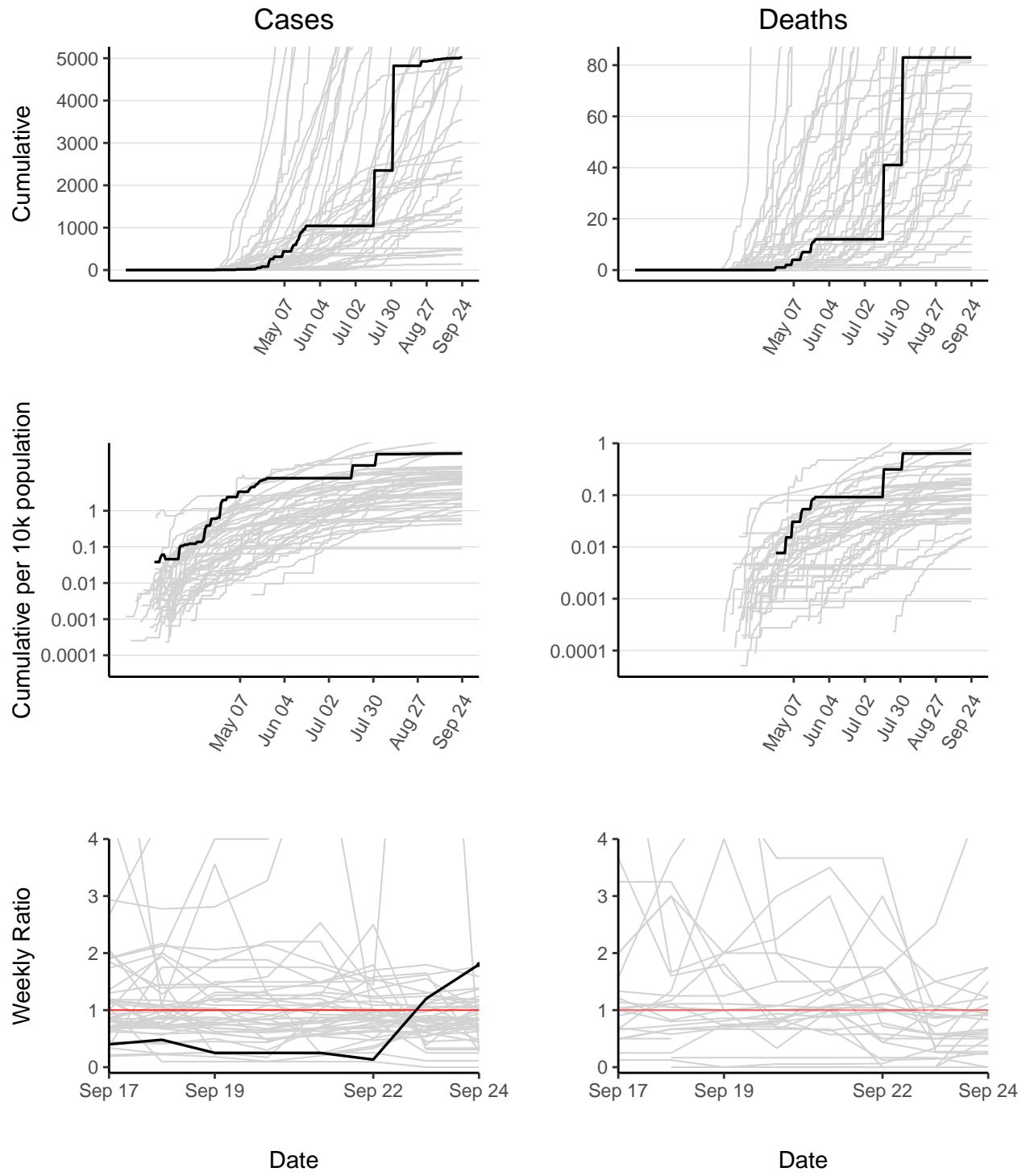
Cote d'Ivoire has 19430 reported case(s) (8th in the region) and 120 reported death(s) (17th). Cumulative counts per 10,000 population of reported cases and deaths are 7.8 (21st) and 0.048 (35th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.94 (19th). The weekly ratio of reported deaths over the last 2 weeks is 0 (26th).

# Democratic Republic of the Congo



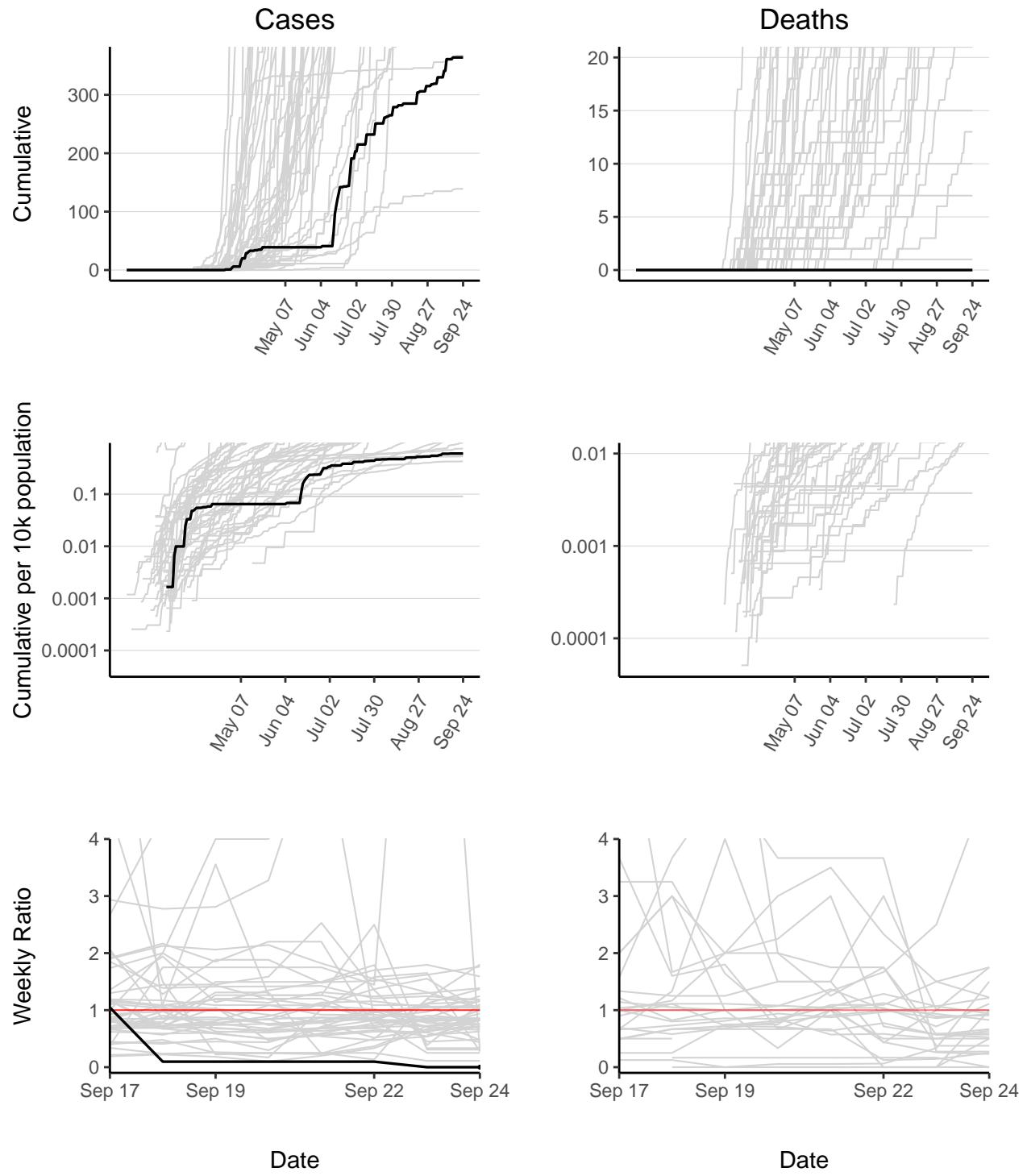
Democratic Republic of the Congo has 10536 reported case(s) (13th in the region) and 271 reported death(s) (10th). Cumulative counts per 10,000 population of reported cases and deaths are 1.3 (41st) and 0.032 (38th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.4 (6th). The weekly ratio of reported deaths over the last 2 weeks is 0.57 (17th).

# Equatorial Guinea



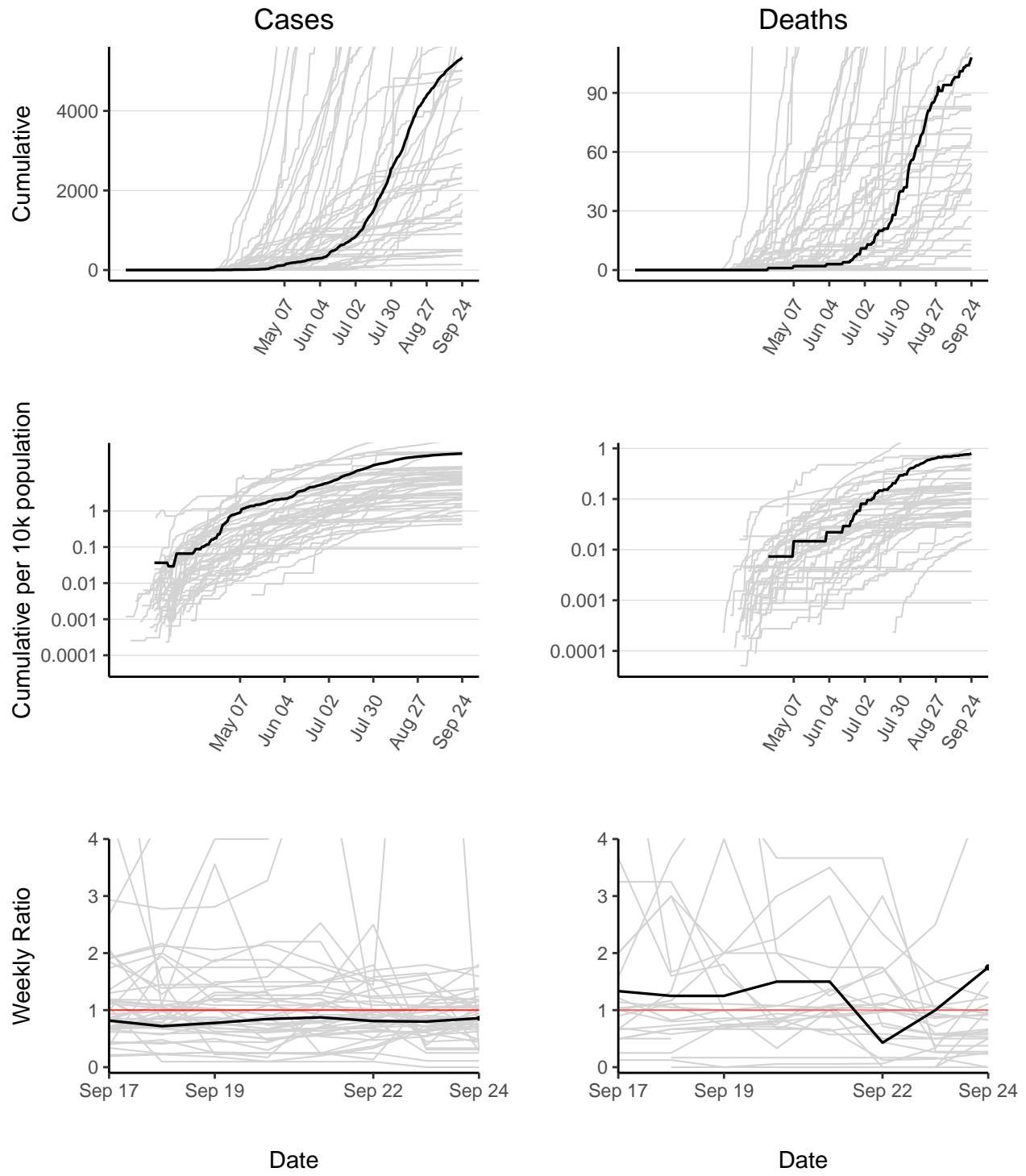
Equatorial Guinea has 5018 reported case(s) (23rd in the region) and 83 reported death(s) (22nd). Cumulative counts per 10,000 population of reported cases and deaths are 38 (7th) and 0.63 (5th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.8 (2nd). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

# Eritrea



Eritrea has 364 reported case(s) (46th in the region) and 0 reported death(s) (46th). Cumulative counts per 10,000 population of reported cases and deaths are 0.6 (44th) and 0 (46th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0 (45th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

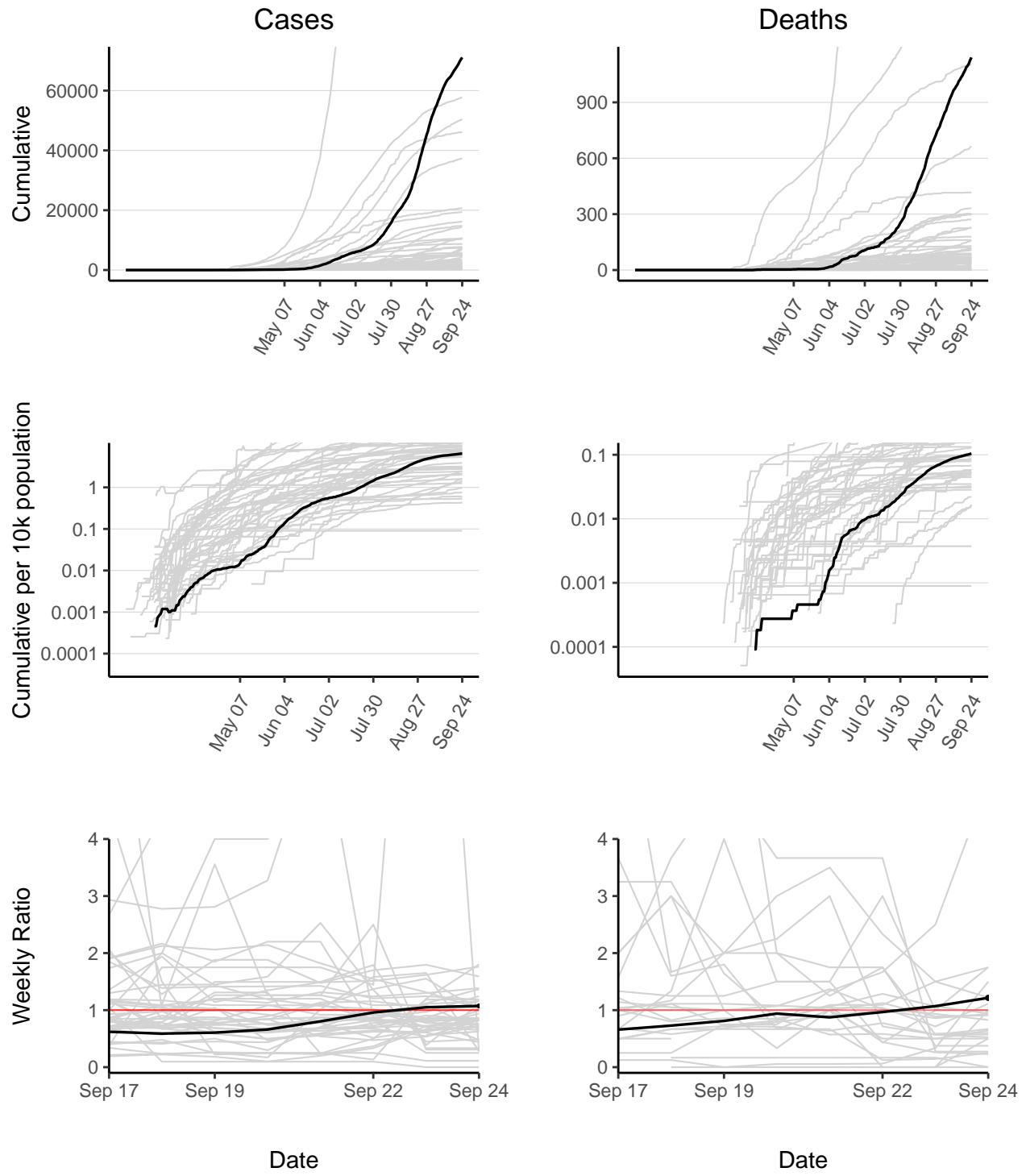
# Eswatini



Date

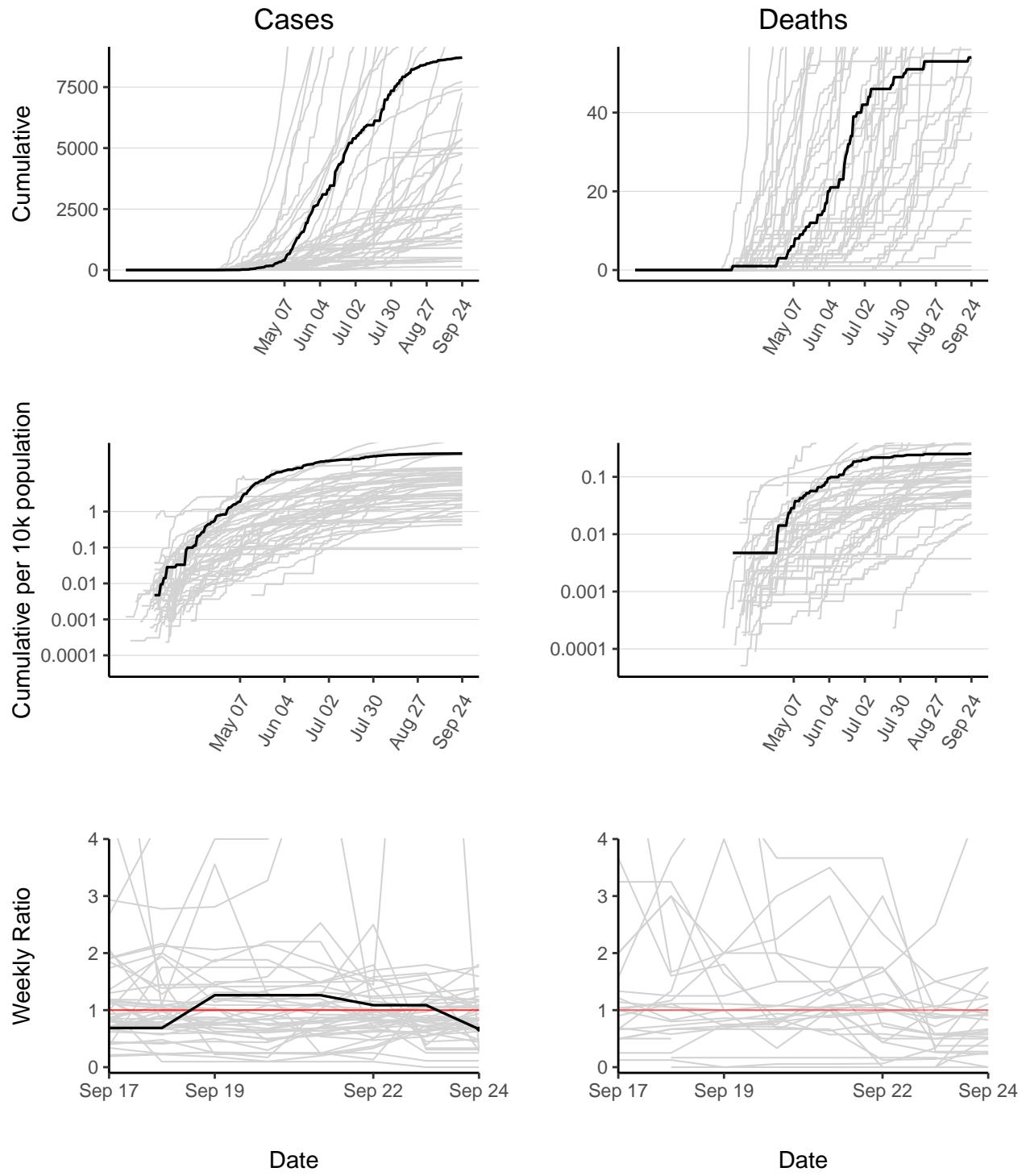
Eswatini has 5343 reported case(s) (22nd in the region) and 108 reported death(s) (20th). Cumulative counts per 10,000 population of reported cases and deaths are 39 (6th) and 0.79 (3rd) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.86 (21st). The weekly ratio of reported deaths over the last 2 weeks is 1.8 (3rd).

# Ethiopia



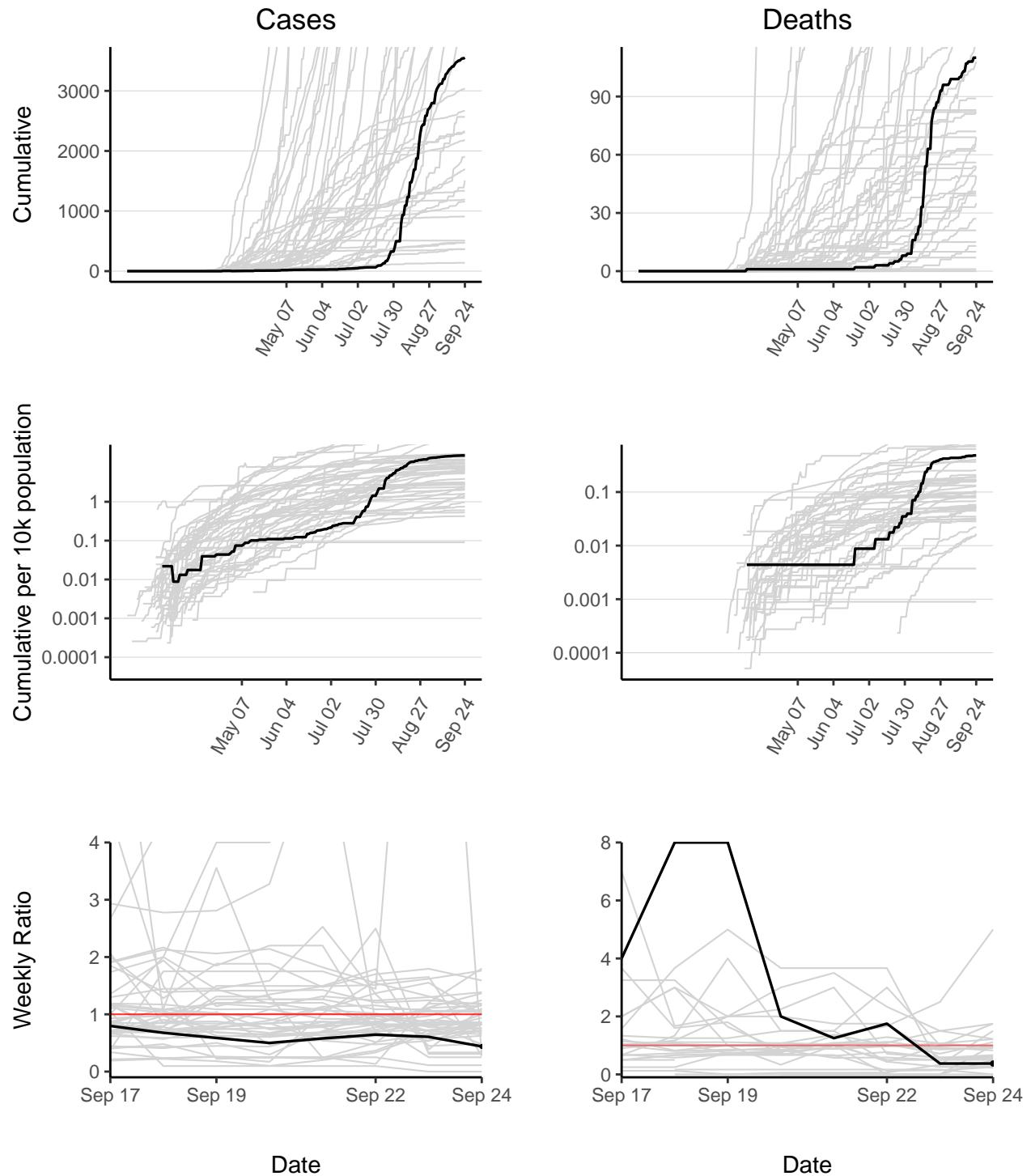
**Date**  
 Ethiopia has 71083 reported case(s) (2nd in the region) and 1141 reported death(s) (3rd). Cumulative counts per 10,000 population of reported cases and deaths are 6.5 (24th) and 0.1 (21st) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.1 (13th). The weekly ratio of reported deaths over the last 2 weeks is 1.2 (6th).

# Gabon



**Date**  
 Gabon has 8716 reported case(s) (15th in the region) and 54 reported death(s) (32nd). Cumulative counts per 10,000 population of reported cases and deaths are 41 (5th) and 0.25 (10th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.67 (33rd). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

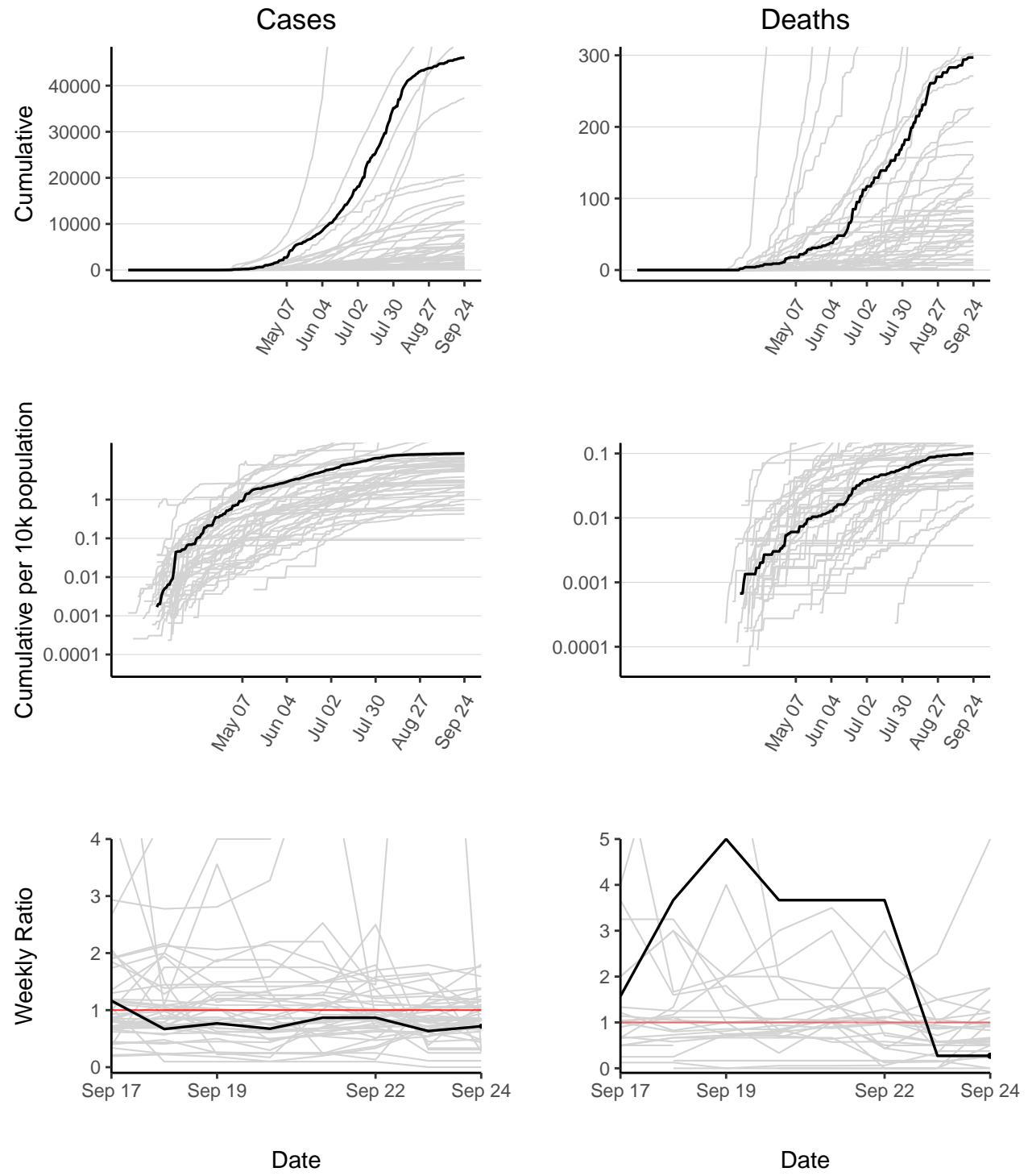
# Gambia



Date

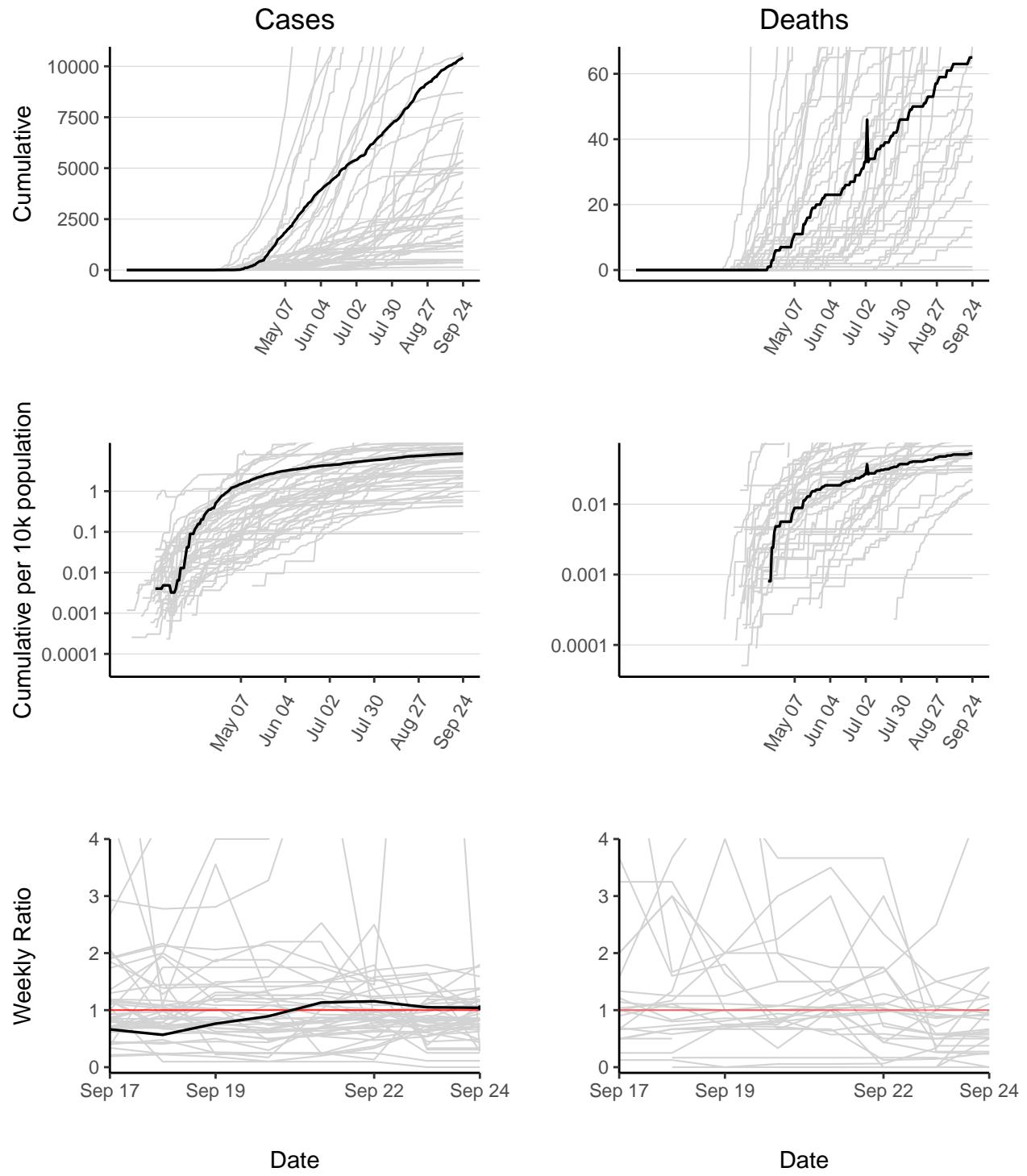
Gambia has 3552 reported case(s) (28th in the region) and 110 reported death(s) (19th). Cumulative counts per 10,000 population of reported cases and deaths are 16 (9th) and 0.48 (6th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.44 (38th). The weekly ratio of reported deaths over the last 2 weeks is 0.38 (21st).

# Ghana



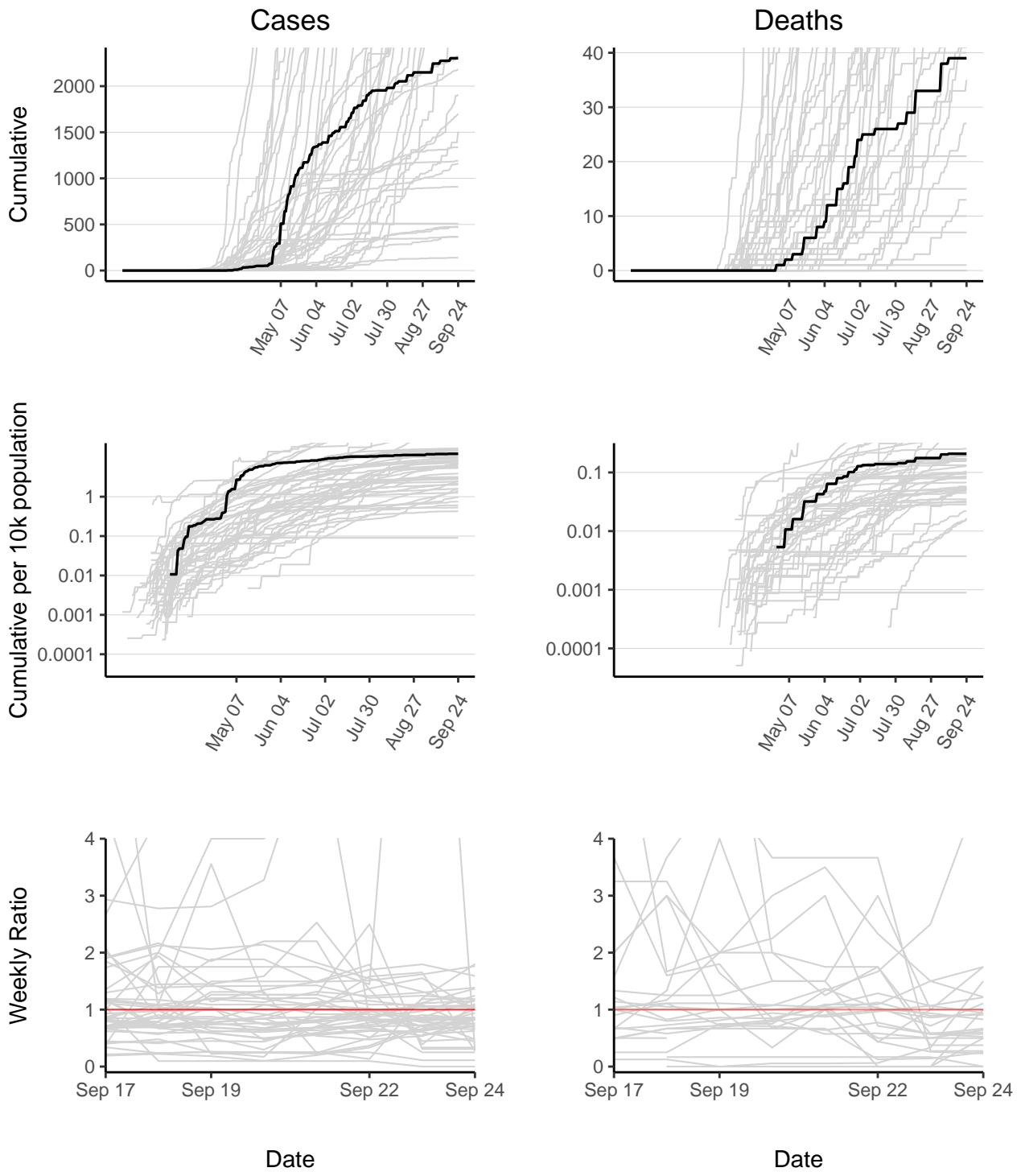
Ghana has 46116 reported case(s) (5th in the region) and 297 reported death(s) (9th). Cumulative counts per 10,000 population of reported cases and deaths are 15 (10th) and 0.1 (22nd) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.72 (31st). The weekly ratio of reported deaths over the last 2 weeks is 0.27 (22nd).

# Guinea



**Date**  
Guinea has 10434 reported case(s) (14th in the region) and 65 reported death(s) (28th). Cumulative counts per 10,000 population of reported cases and deaths are 8.4 (18th) and 0.052 (32nd) respectively. The weekly ratio of reported cases over the last 2 weeks is 1 (15th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

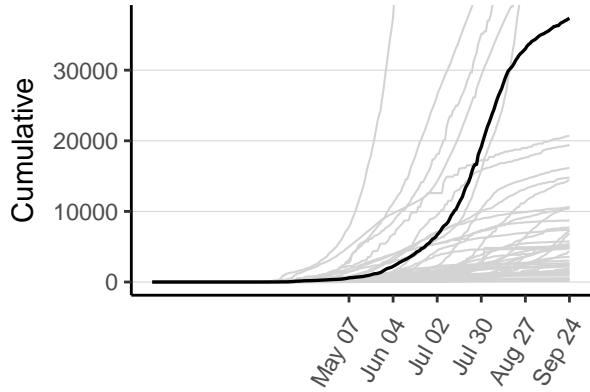
# Guinea-Bissau



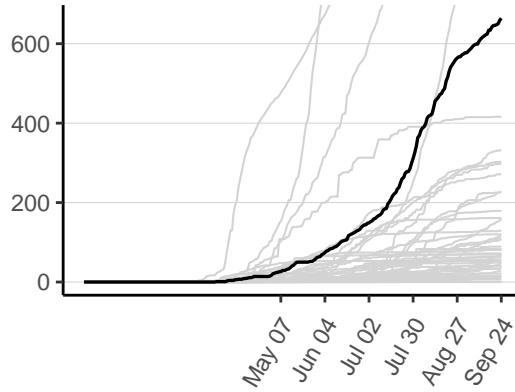
Guinea-Bissau has 2303 reported case(s) (33rd in the region) and 39 reported death(s) (37th). Cumulative counts per 10,000 population of reported cases and deaths are 12 (12th) and 0.21 (11th) respectively. The weekly ratio of reported cases cannot be calculated as no new cases have been reported in 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.

# Kenya

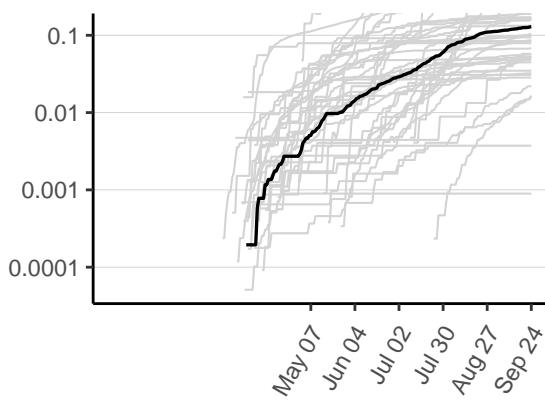
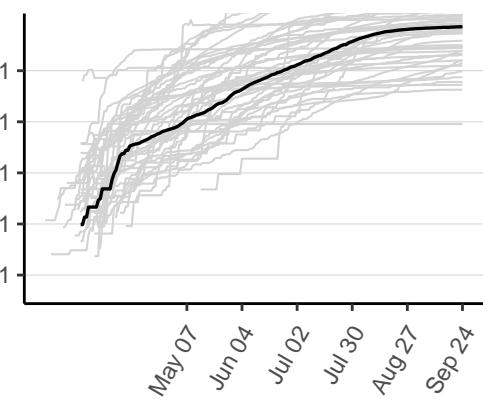
Cases



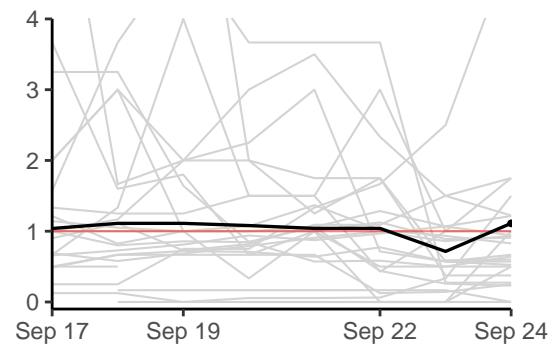
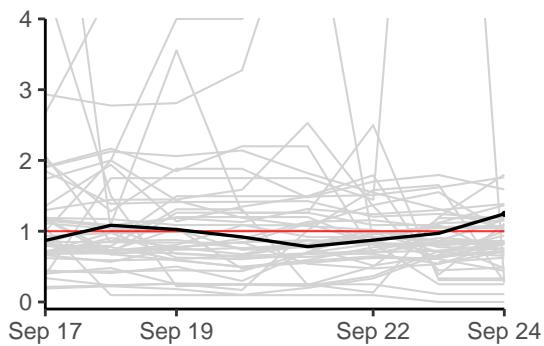
Deaths



Cumulative per 10k population



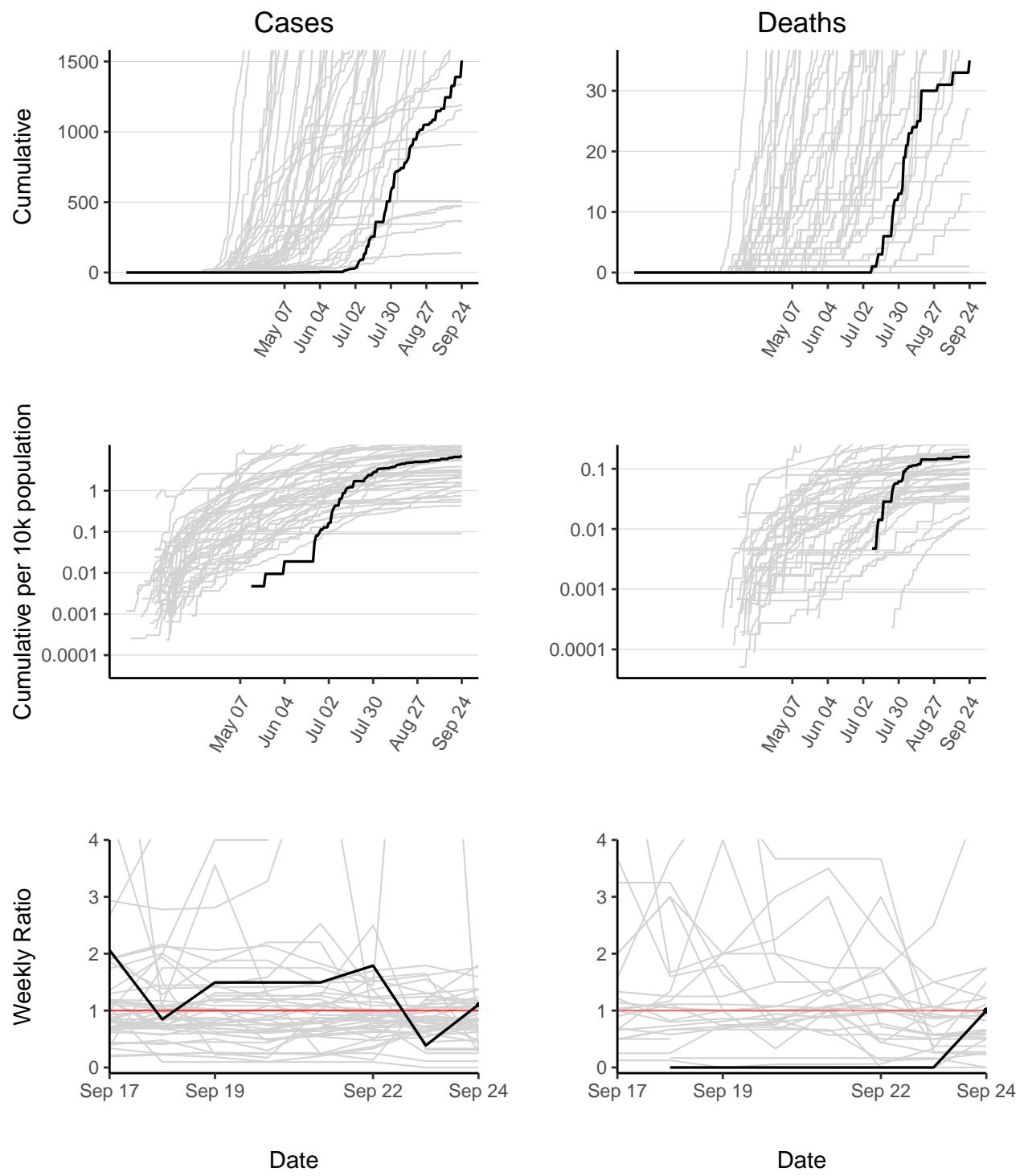
Weekly Ratio



Date

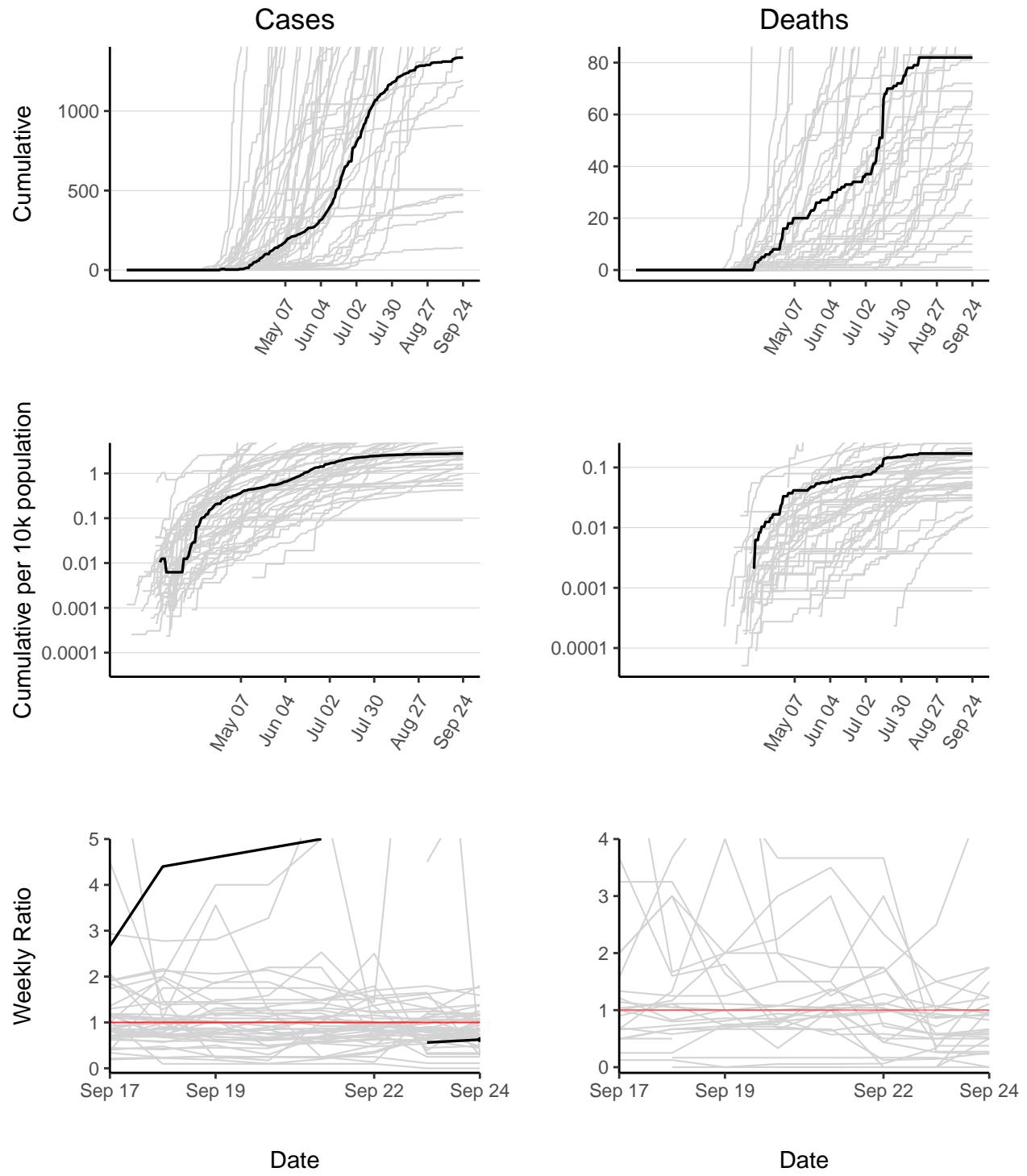
Kenya has 37348 reported case(s) (6th in the region) and 664 reported death(s) (5th). Cumulative counts per 10,000 population of reported cases and deaths are 7.3 (22nd) and 0.13 (20th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.2 (7th). The weekly ratio of reported deaths over the last 2 weeks is 1.1 (7th).

# Lesotho



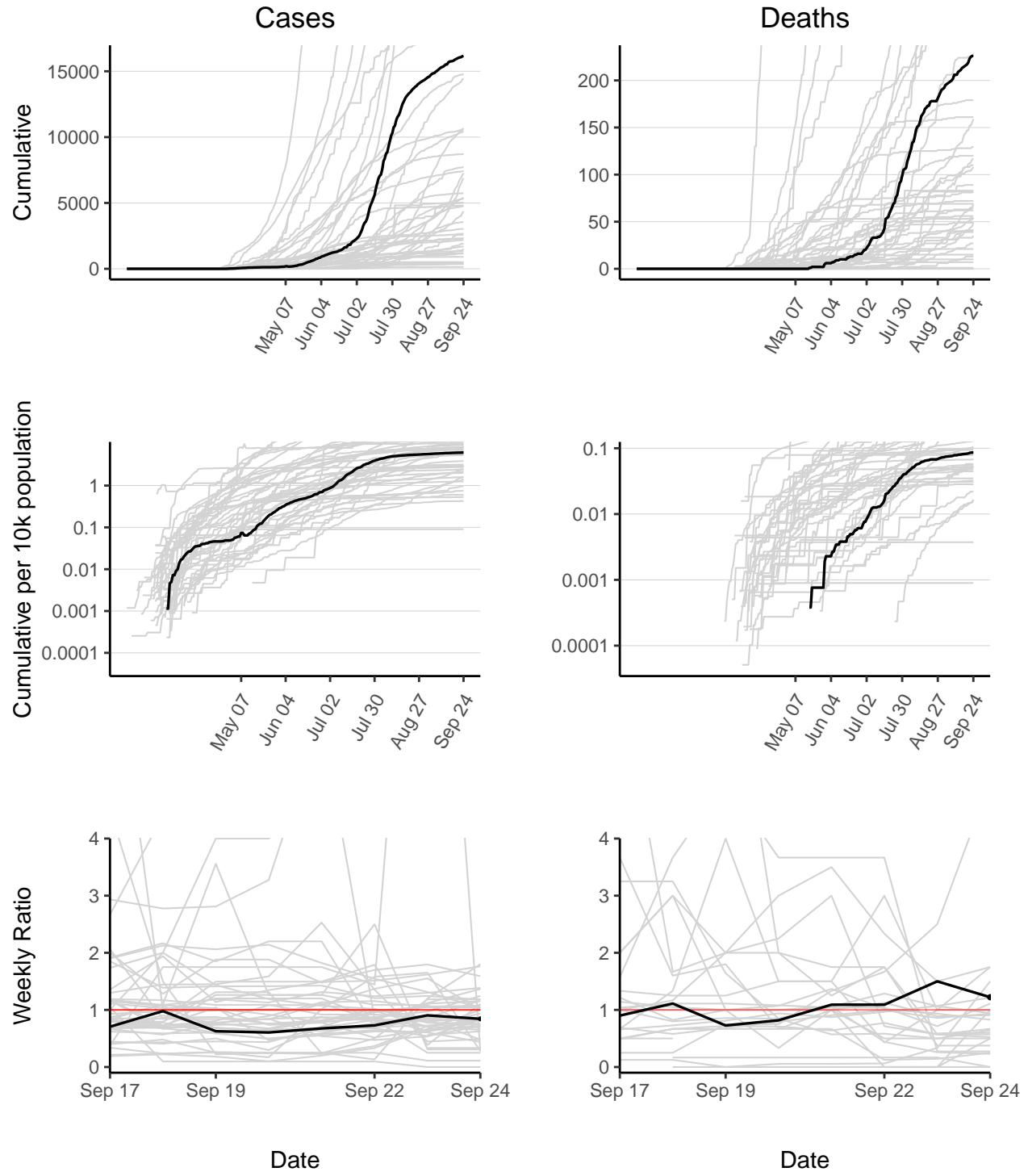
Lesotho has 1507 reported case(s) (37th in the region) and 35 reported death(s) (38th). Cumulative counts per 10,000 population of reported cases and deaths are 7.1 (23rd) and 0.17 (16th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.1 (12th). The weekly ratio of reported deaths over the last 2 weeks is 1 (9th).

# Liberia



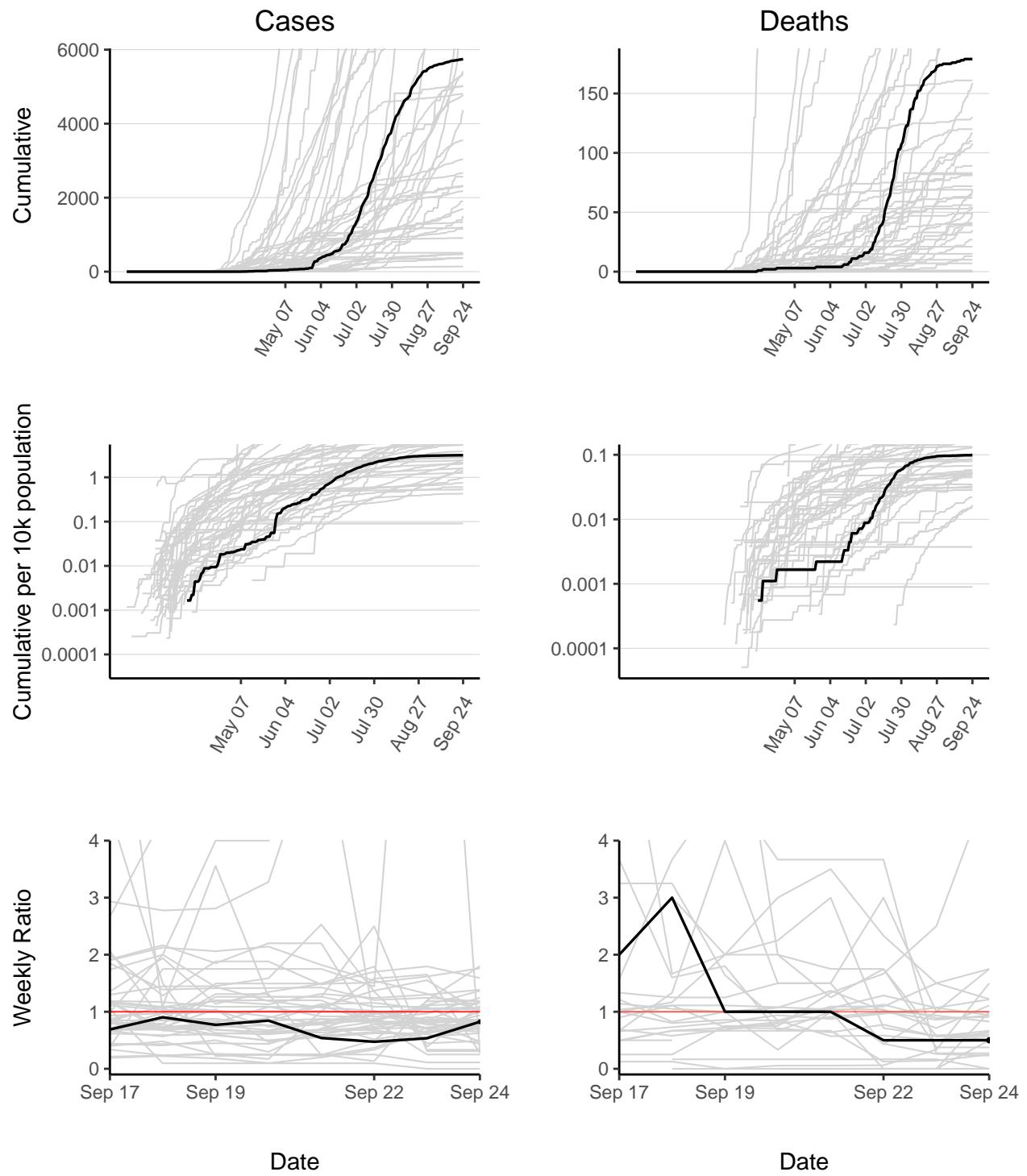
**Date**  
Liberia has 1337 reported case(s) (38th in the region) and 82 reported death(s) (24th). Cumulative counts per 10,000 population of reported cases and deaths are 2.8 (33rd) and 0.17 (14th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.62 (35th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

# Madagascar



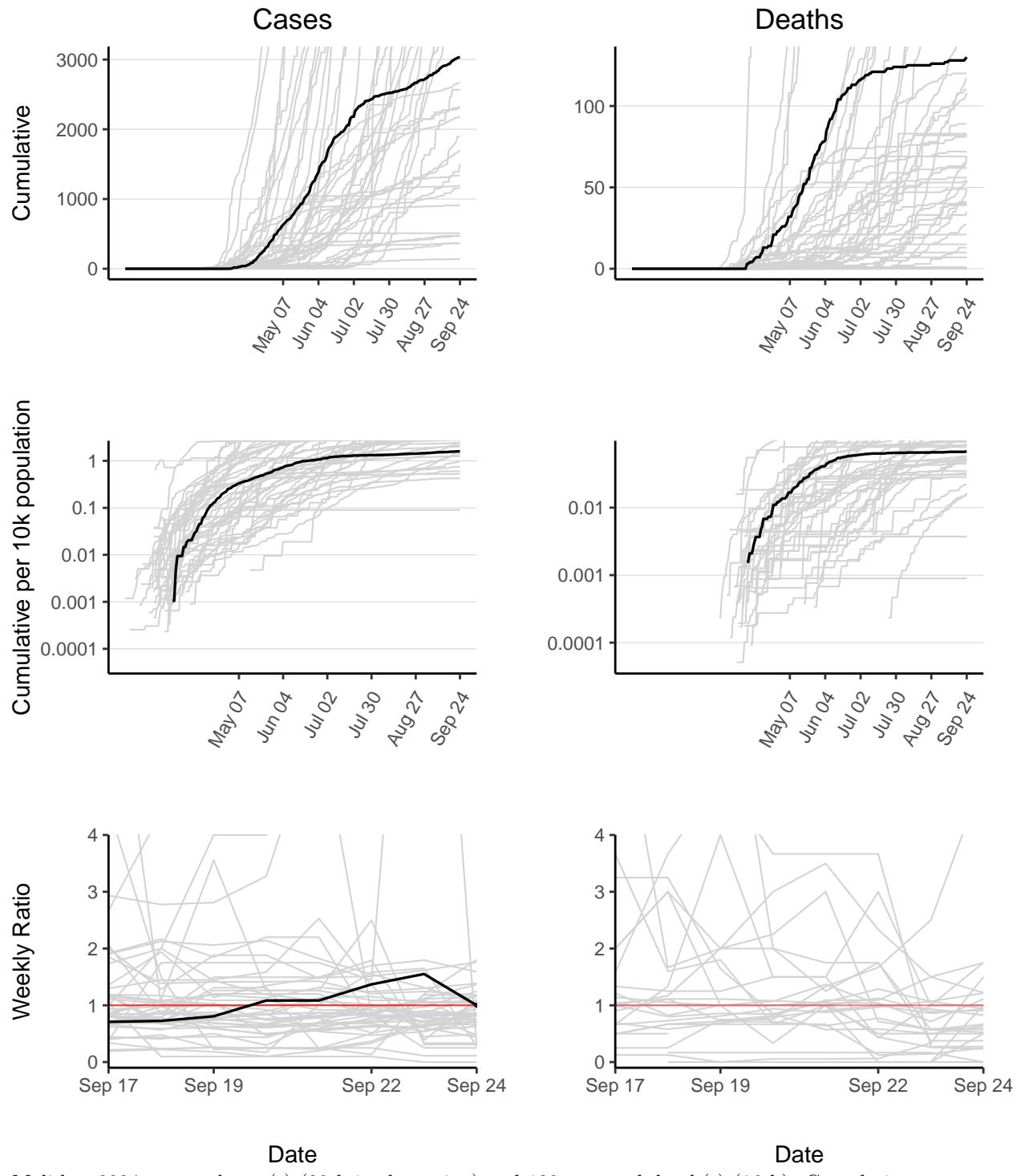
Madagascar has 16167 reported case(s) (9th in the region) and 226 reported death(s) (12th). Cumulative counts per 10,000 population of reported cases and deaths are 6.2 (25th) and 0.086 (25th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.84 (23rd). The weekly ratio of reported deaths over the last 2 weeks is 1.2 (5th).

# Malawi



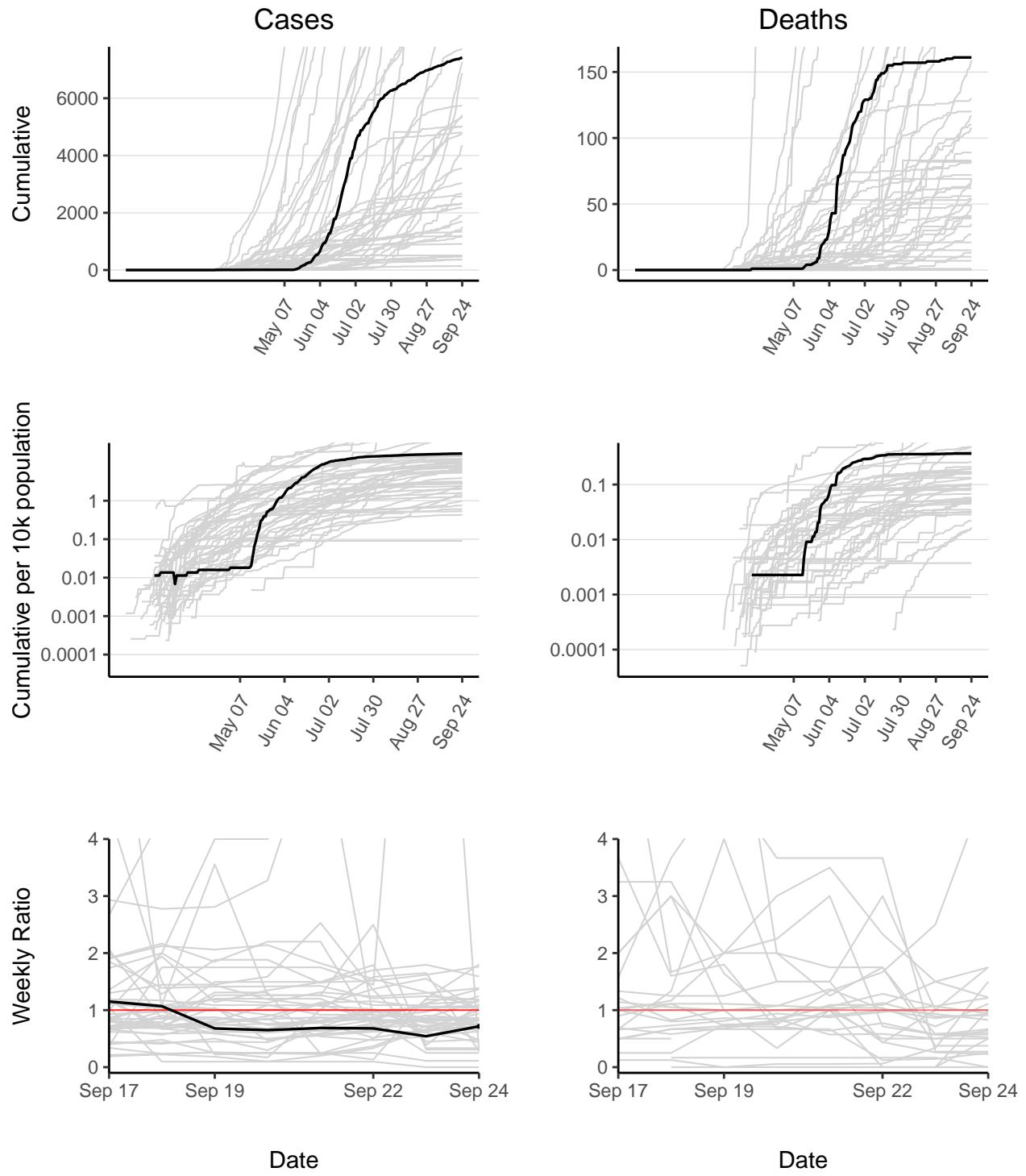
Malawi has 5746 reported case(s) (20th in the region) and 179 reported death(s) (13th). Cumulative counts per 10,000 population of reported cases and deaths are 3.2 (29th) and 0.099 (23rd) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.82 (25th). The weekly ratio of reported deaths over the last 2 weeks is 0.5 (20th).

# Mali



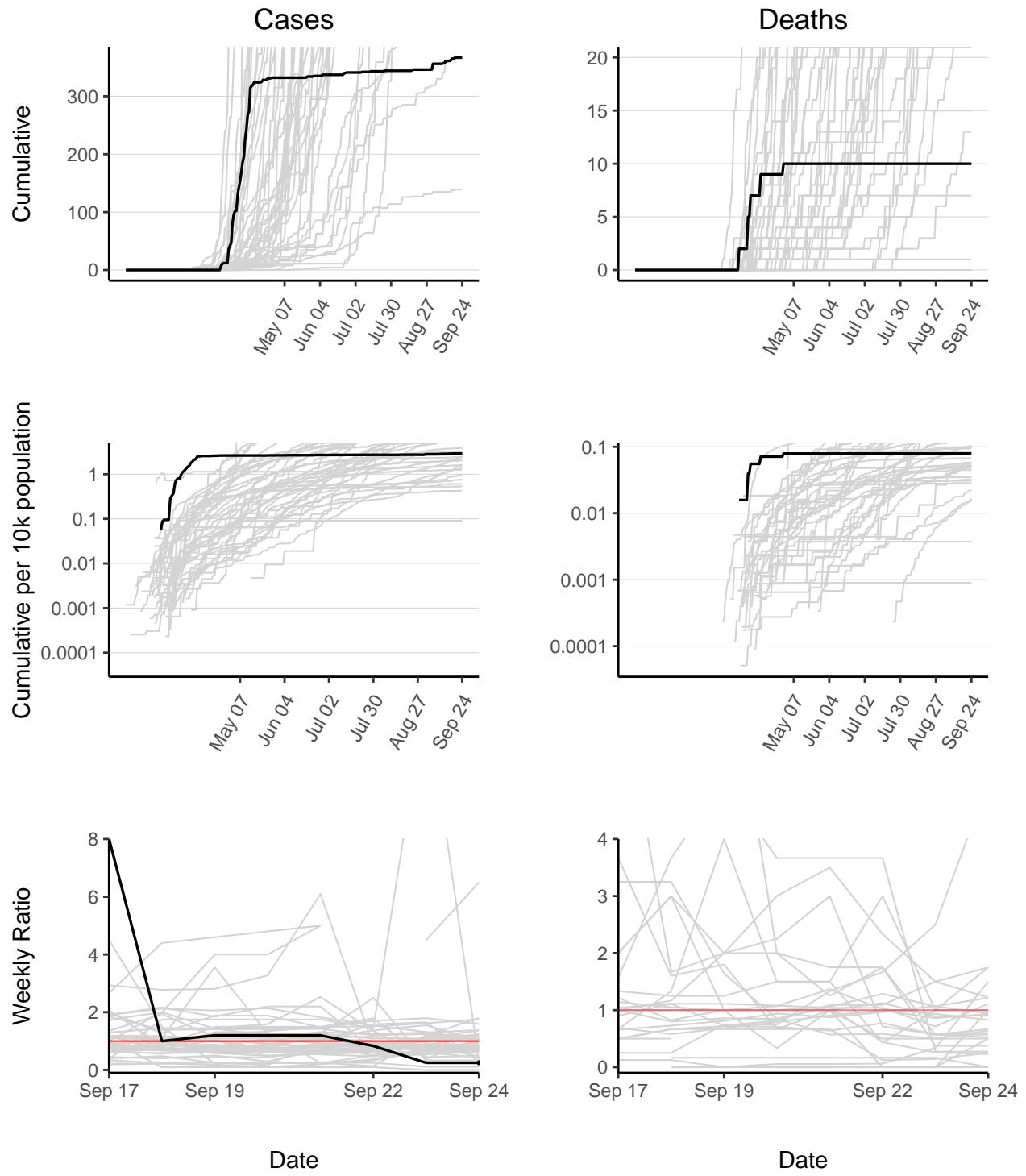
**Date**  
Mali has 3034 reported case(s) (29th in the region) and 130 reported death(s) (16th). Cumulative counts per 10,000 population of reported cases and deaths are 1.6 (39th) and 0.068 (28th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1 (18th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

# Mauritania



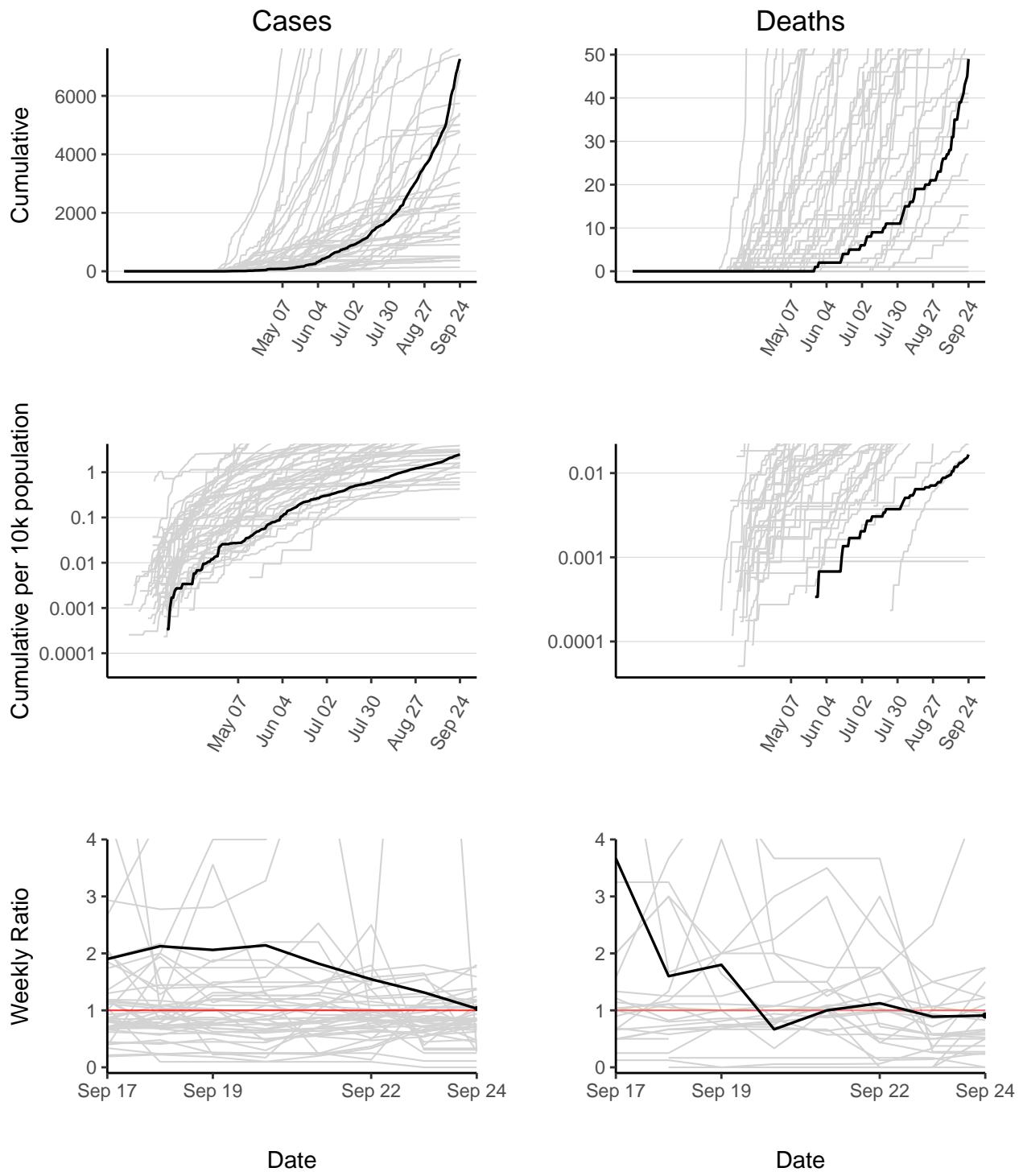
**Date**  
Mauritania has 7425 reported case(s) (17th in the region) and 161 reported death(s) (14th). Cumulative counts per 10,000 population of reported cases and deaths are 17 (8th) and 0.37 (9th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.72 (32nd). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

# Mauritius



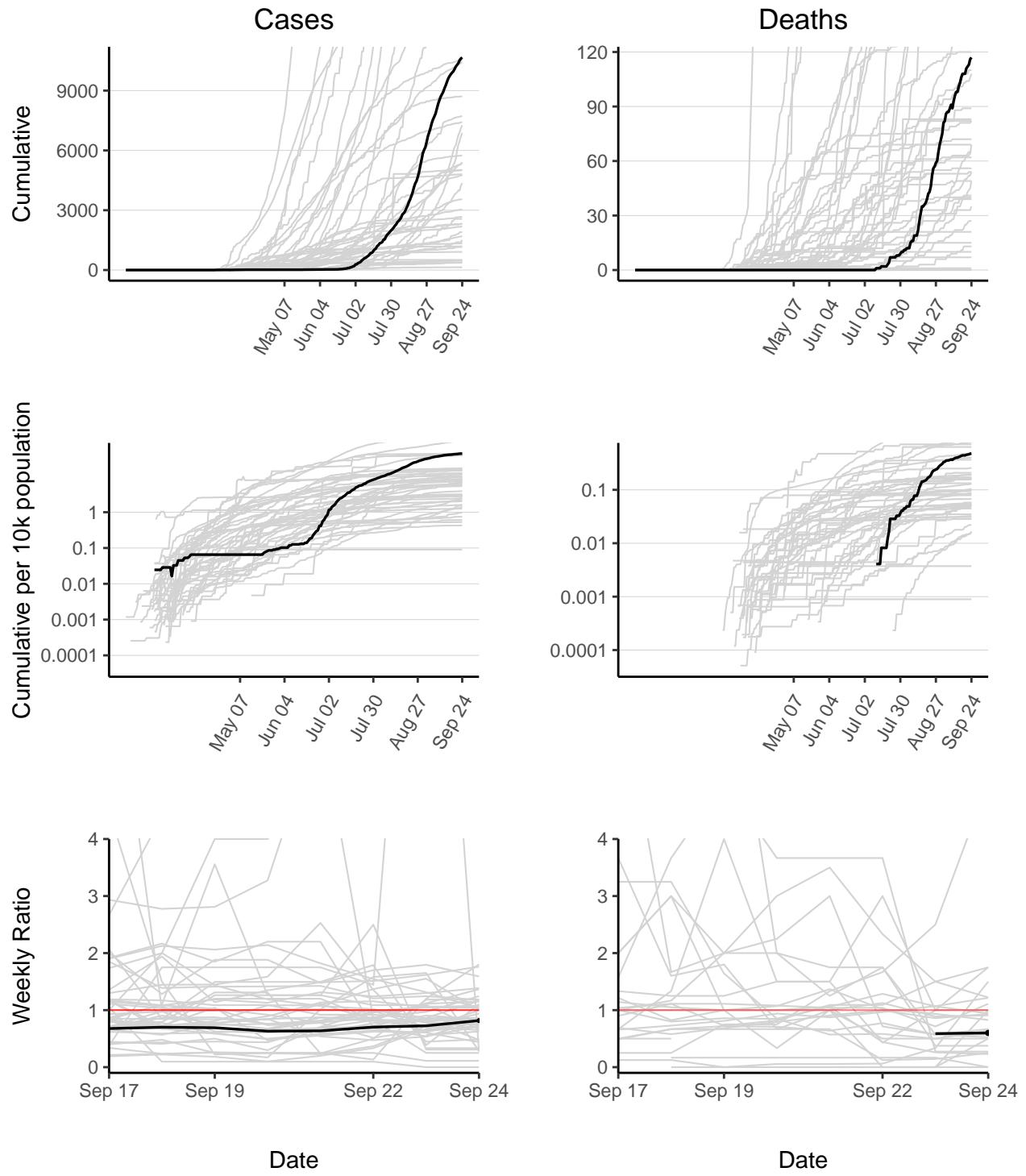
**Date**  
Mauritius has 367 reported case(s) (45th in the region) and 10 reported death(s) (43rd). Cumulative counts per 10,000 population of reported cases and deaths are 2.9 (31st) and 0.079 (27th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.25 (43rd). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

# Mozambique



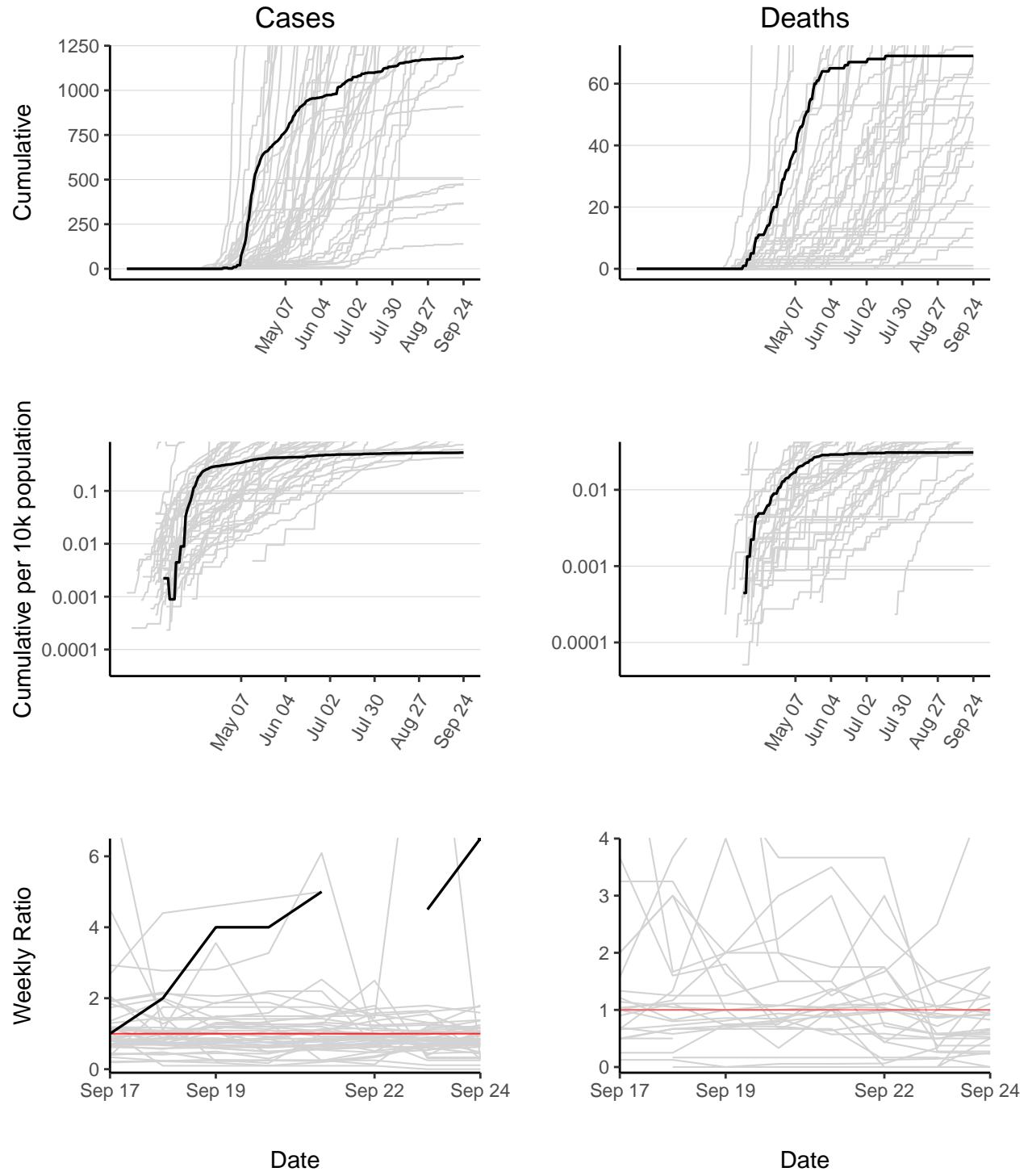
Mozambique has 7262 reported case(s) (18th in the region) and 49 reported death(s) (33rd). Cumulative counts per 10,000 population of reported cases and deaths are 2.5 (34th) and 0.017 (42nd) respectively. The weekly ratio of reported cases over the last 2 weeks is 1 (16th). The weekly ratio of reported deaths over the last 2 weeks is 0.91 (12th).

# Namibia



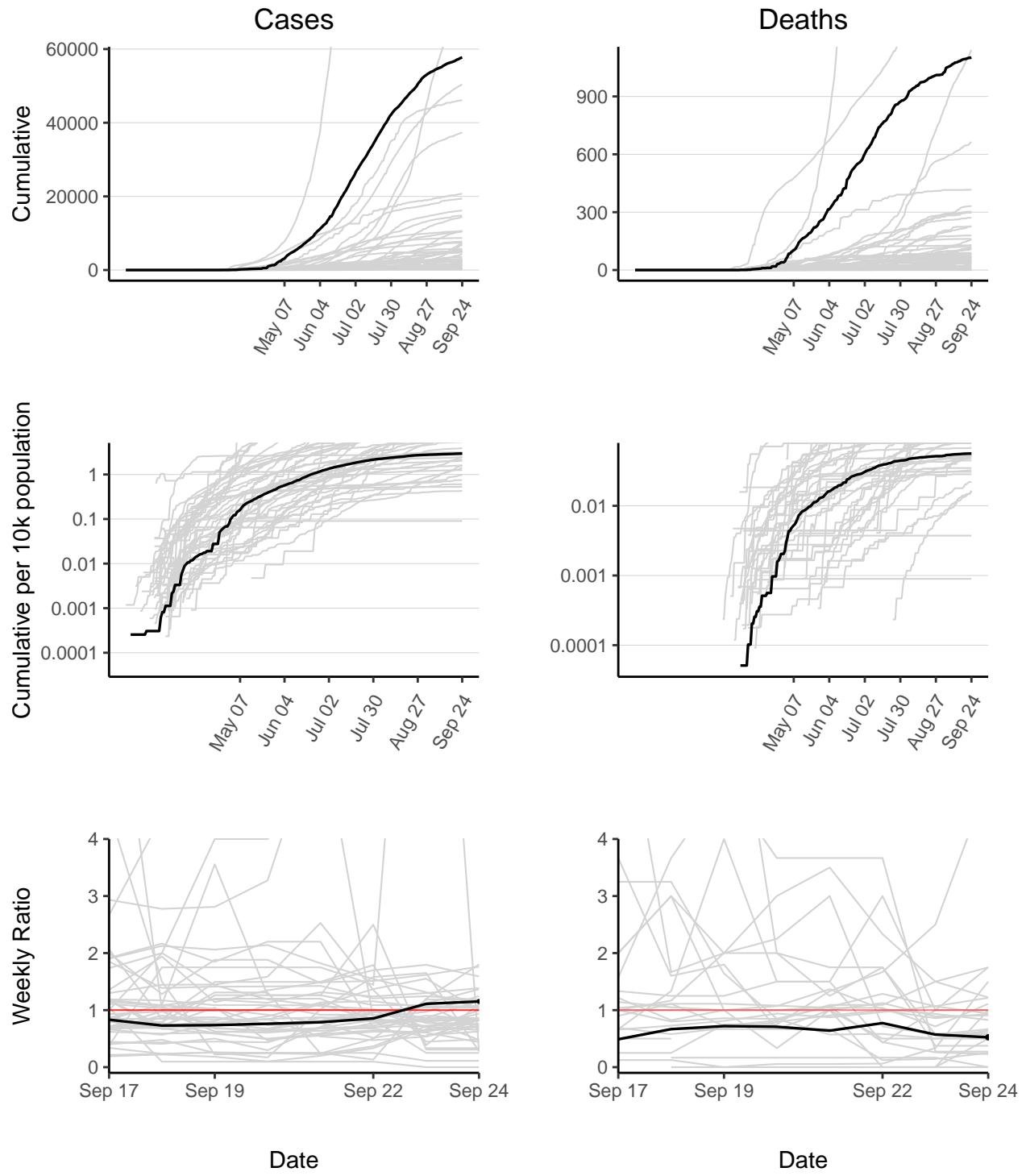
Namibia has 10663 reported case(s) (12th in the region) and 117 reported death(s) (18th). Cumulative counts per 10,000 population of reported cases and deaths are 44 (3rd) and 0.48 (7th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.82 (27th). The weekly ratio of reported deaths over the last 2 weeks is 0.6 (16th).

# Niger



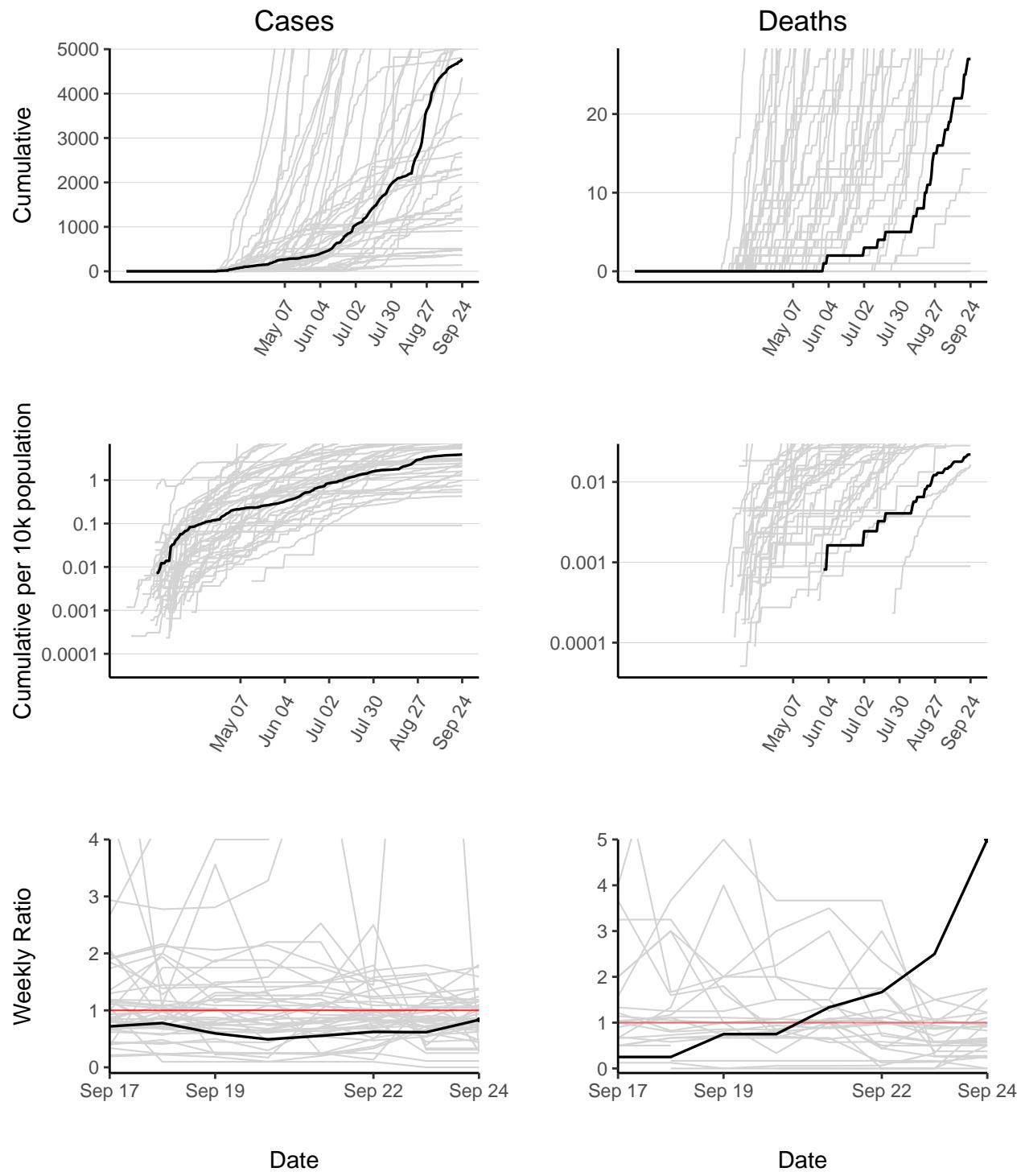
**Date**  
 Niger has 1193 reported case(s) (39th in the region) and 69 reported death(s) (26th). Cumulative counts per 10,000 population of reported cases and deaths are 0.53 (45th) and 0.031 (39th) respectively. The weekly ratio of reported cases over the last 2 weeks is 6.5 (1st). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

# Nigeria



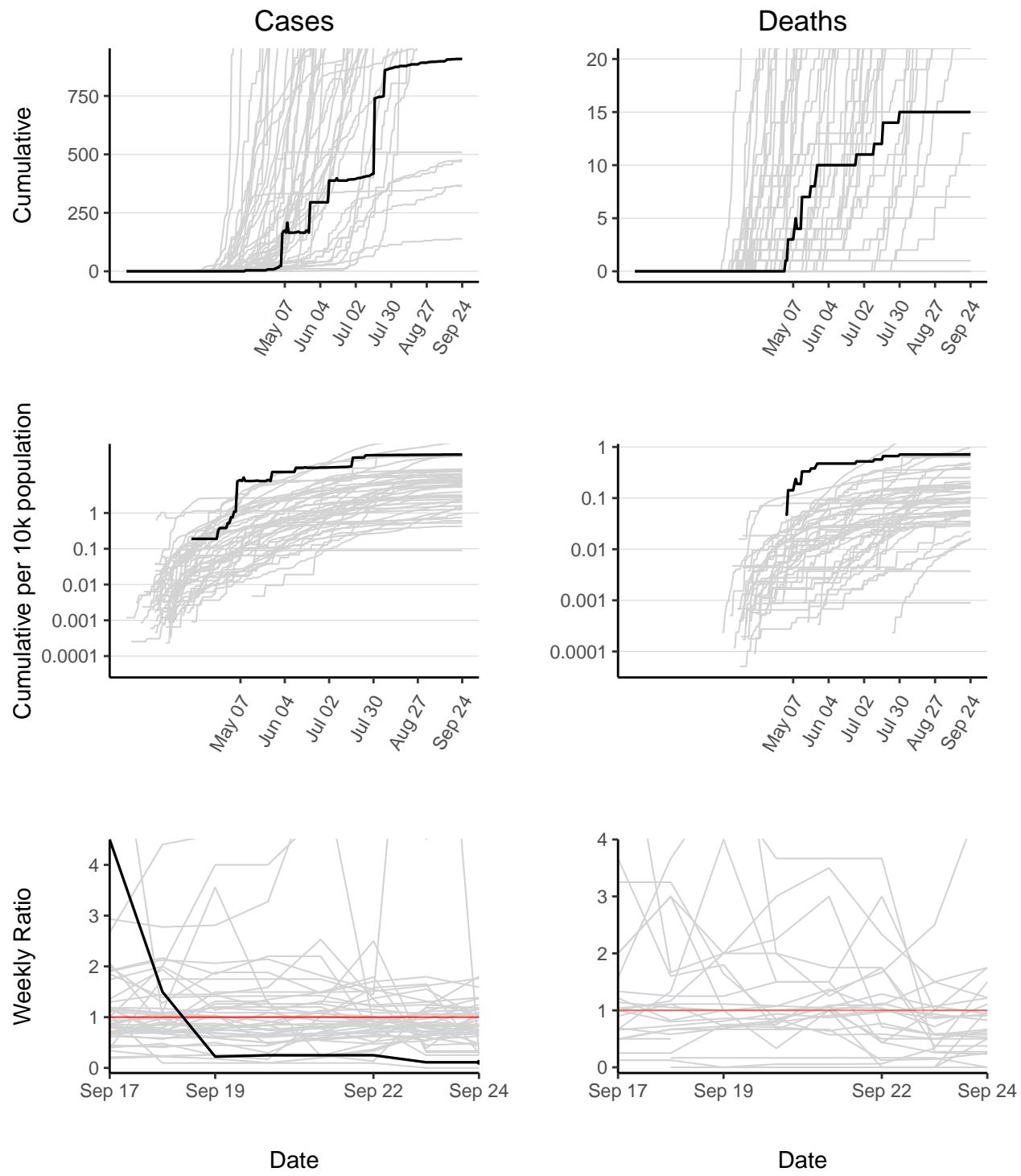
Nigeria has 57724 reported case(s) (3rd in the region) and 1102 reported death(s) (4th). Cumulative counts per 10,000 population of reported cases and deaths are 2.9 (30th) and 0.056 (30th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.2 (11th). The weekly ratio of reported deaths over the last 2 weeks is 0.52 (18th).

# Rwanda



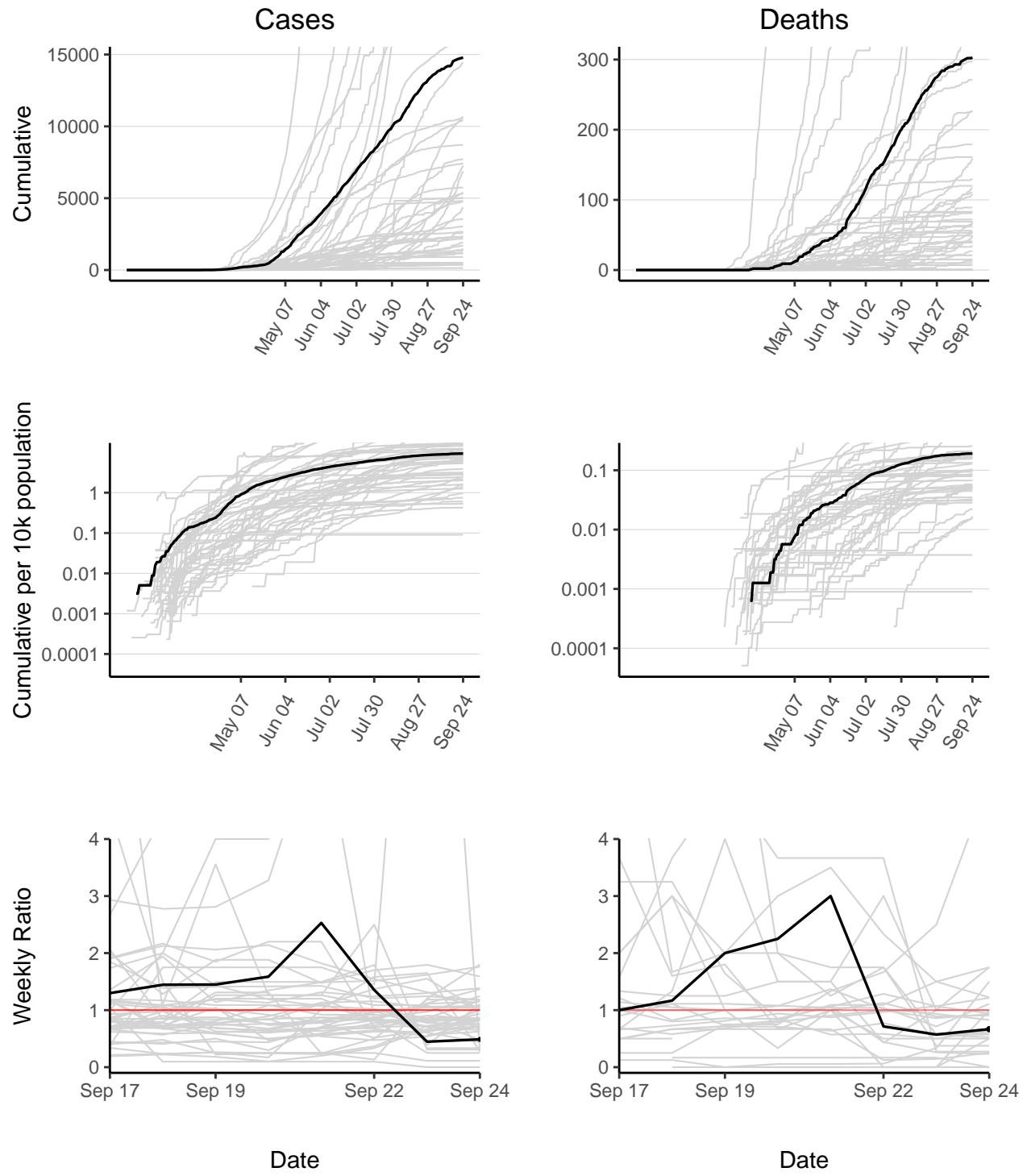
**Date**  
Rwanda has 4779 reported case(s) (26th in the region) and 27 reported death(s) (39th). Cumulative counts per 10,000 population of reported cases and deaths are 3.9 (28th) and 0.022 (41st) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.83 (24th). The weekly ratio of reported deaths over the last 2 weeks is 5 (1st).

# Sao Tome and Principe



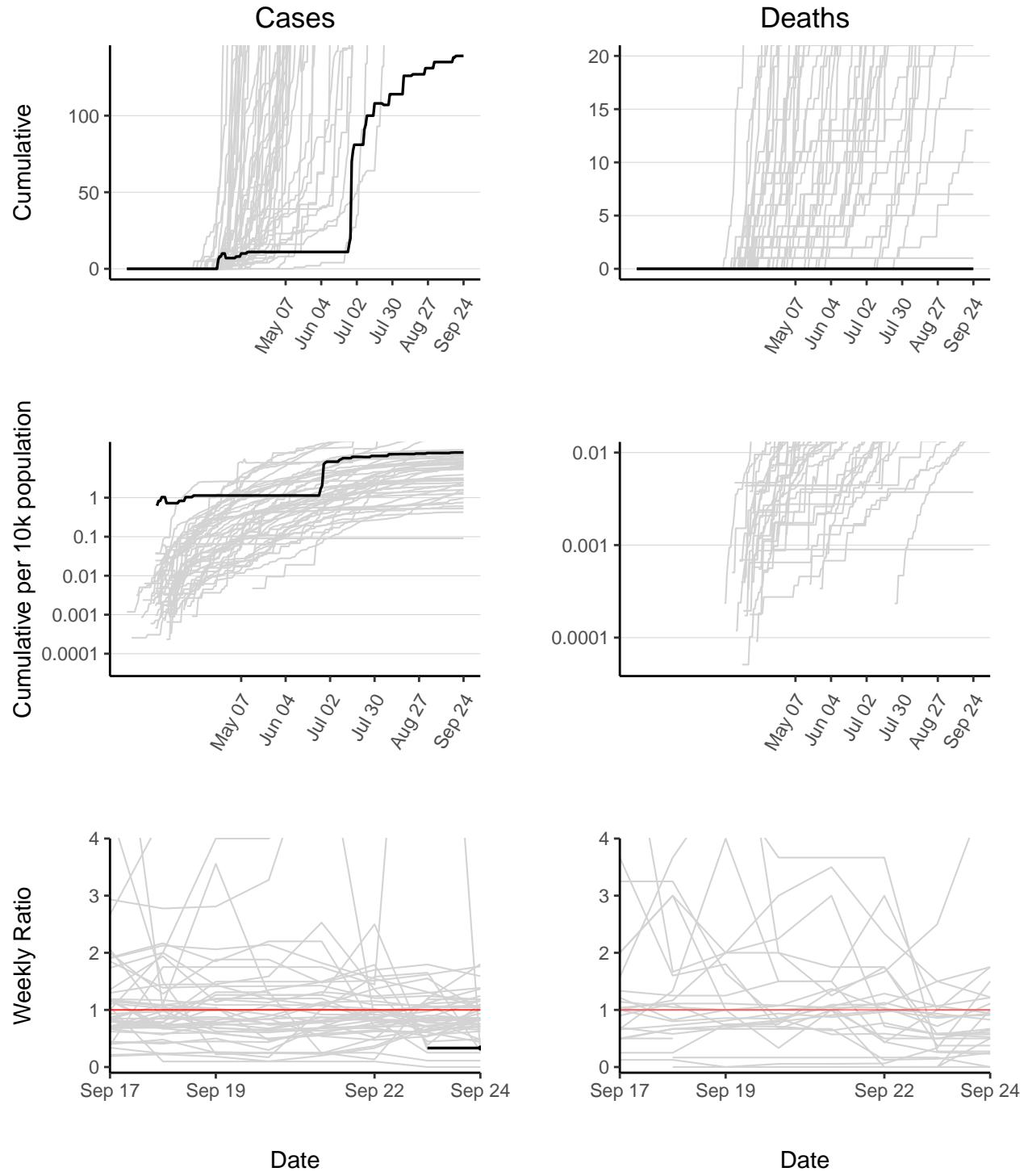
**Date**  
Sao Tome and Principe has 908 reported case(s) (41st in the region) and 15 reported death(s) (41st). Cumulative counts per 10,000 population of reported cases and deaths are 43 (4th) and 0.71 (4th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.11 (44th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

# Senegal



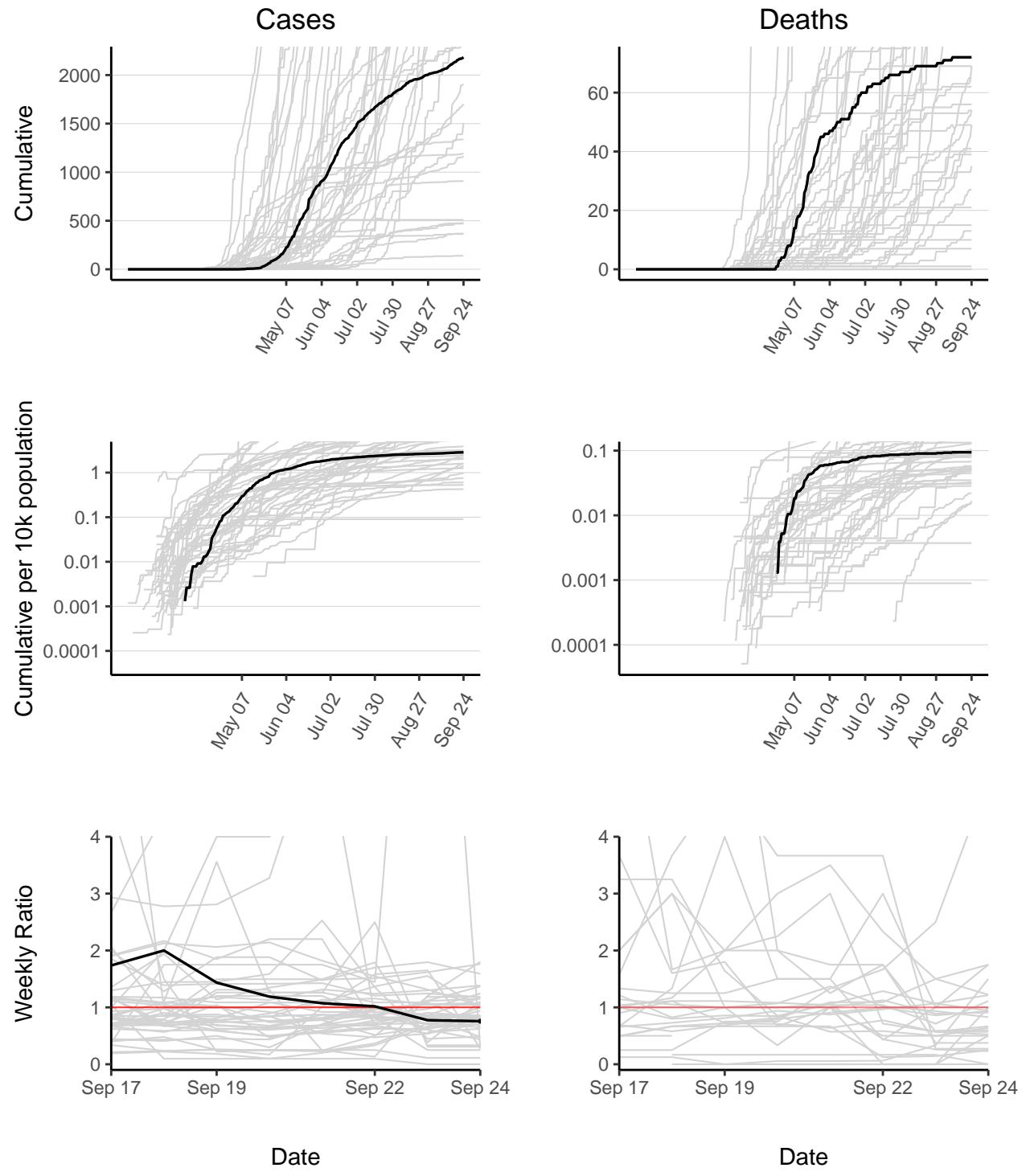
Senegal has 14795 reported case(s) (10th in the region) and 303 reported death(s) (8th). Cumulative counts per 10,000 population of reported cases and deaths are 9.3 (17th) and 0.19 (13th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.49 (36th). The weekly ratio of reported deaths over the last 2 weeks is 0.67 (14th).

# Seychelles



**Date**  
Seychelles has 139 reported case(s) (47th in the region) and 0 reported death(s) (47th). Cumulative counts per 10,000 population of reported cases and deaths are 14 (11th) and 0 (47th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.33 (39th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

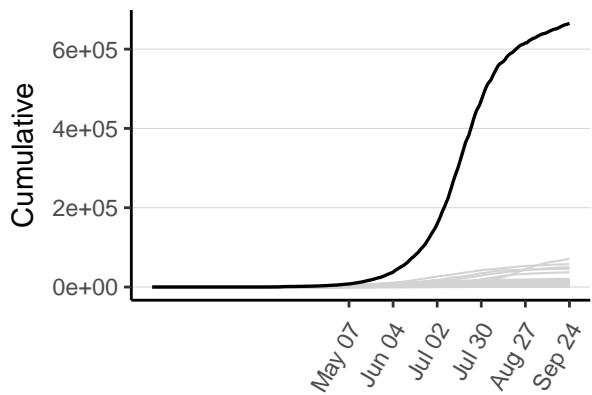
# Sierra Leone



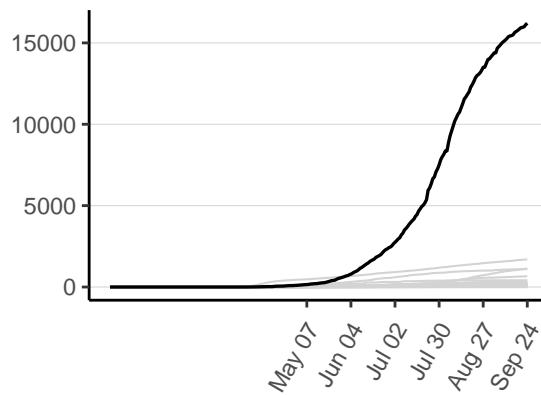
Sierra Leone has 2183 reported case(s) (34th in the region) and 72 reported death(s) (25th). Cumulative counts per 10,000 population of reported cases and deaths are 2.9 (32nd) and 0.094 (24th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.76 (28th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

# South Africa

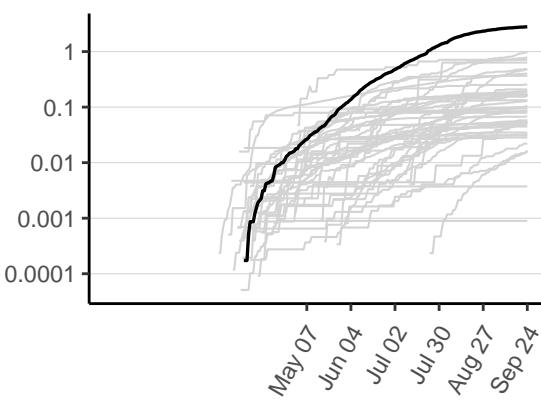
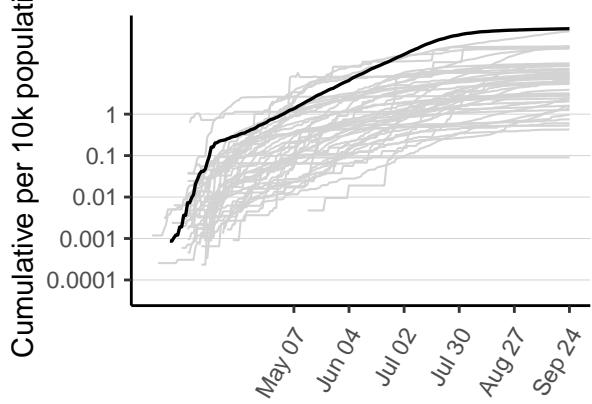
Cases



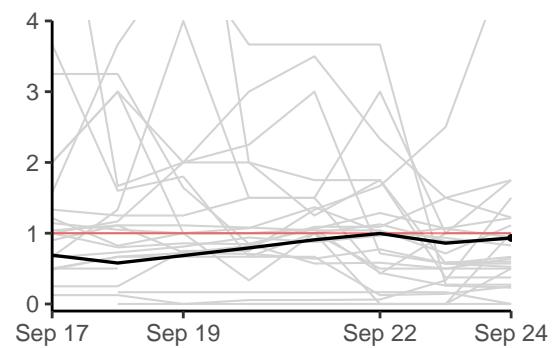
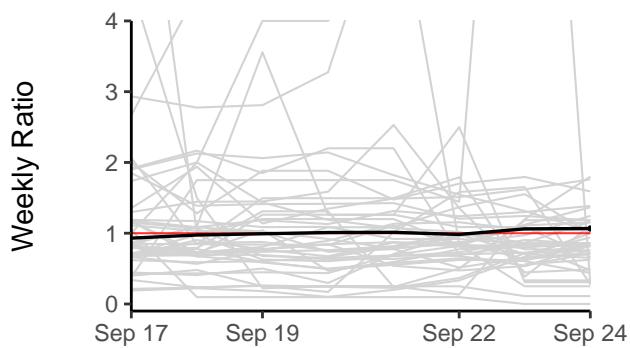
Deaths



Cumulative per 10k population



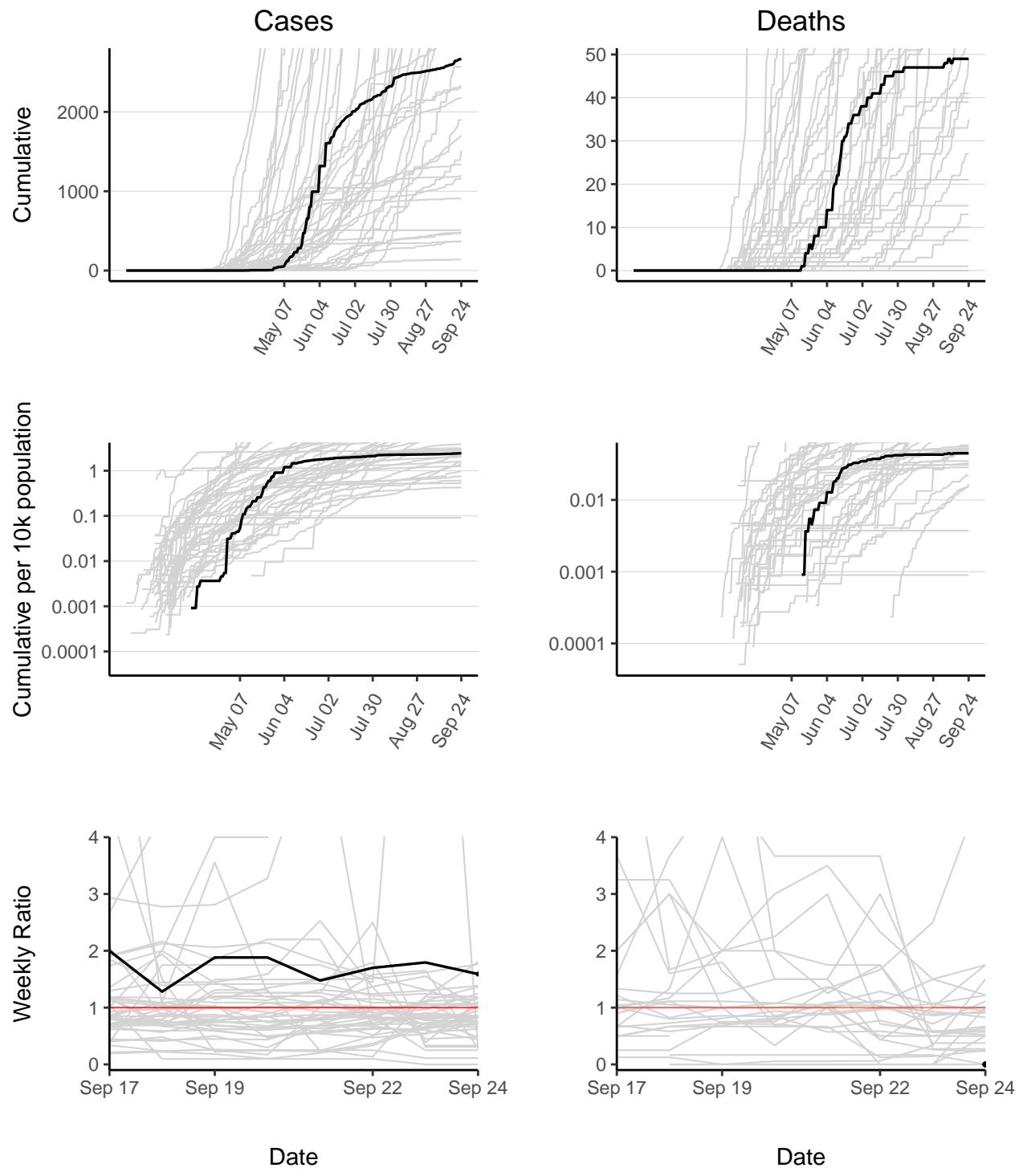
Weekly Ratio



Date

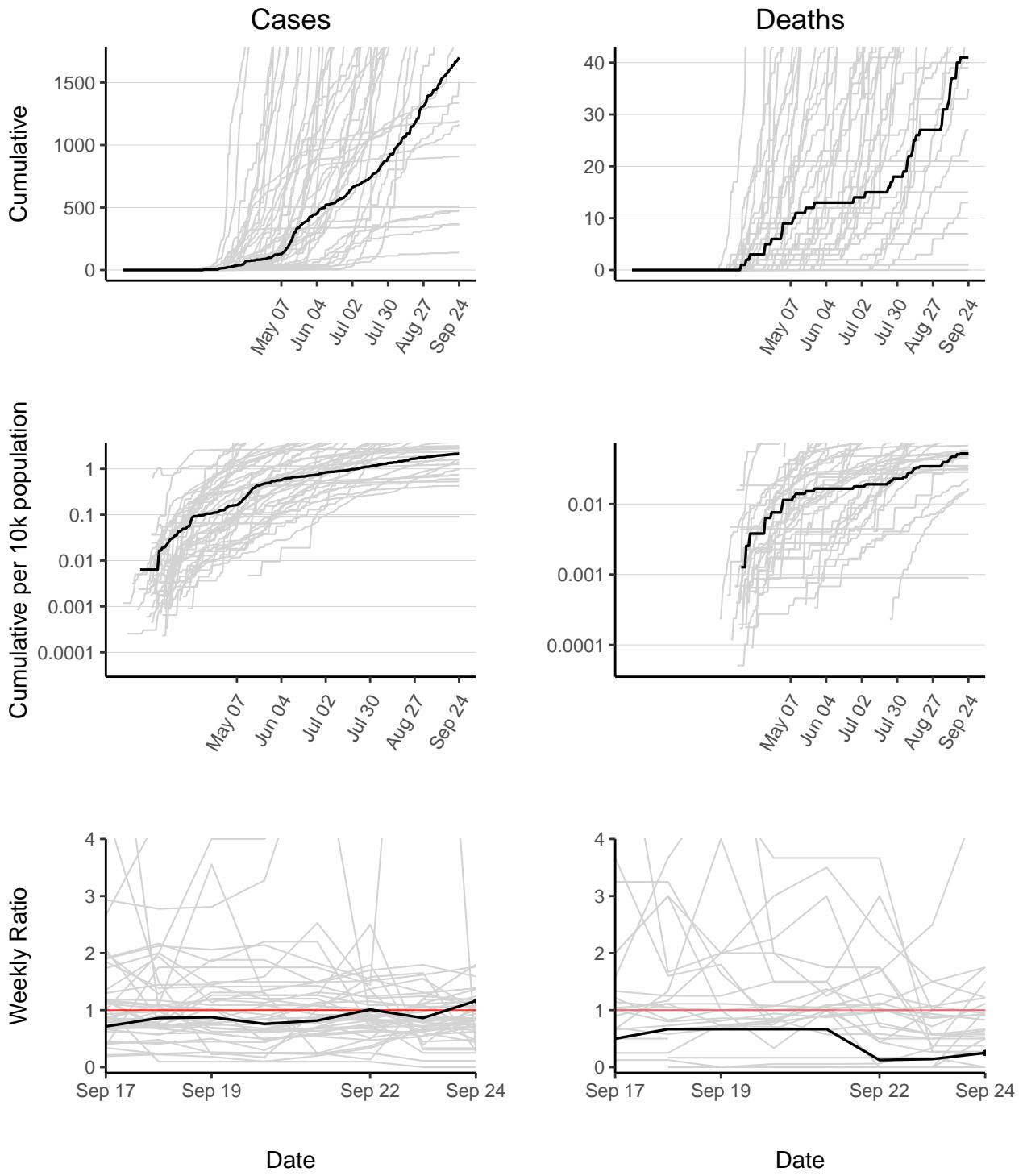
South Africa has 665188 reported case(s) (1st in the region) and 16206 reported death(s) (1st). Cumulative counts per 10,000 population of reported cases and deaths are 120 (1st) and 2.8 (1st) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.1 (14th). The weekly ratio of reported deaths over the last 2 weeks is 0.93 (11th).

# South Sudan



South Sudan has 2669 reported case(s) (30th in the region) and 49 reported death(s) (34th). Cumulative counts per 10,000 population of reported cases and deaths are 2.4 (35th) and 0.045 (36th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.6 (4th). The weekly ratio of reported deaths over the last 2 weeks is 0 (27th).

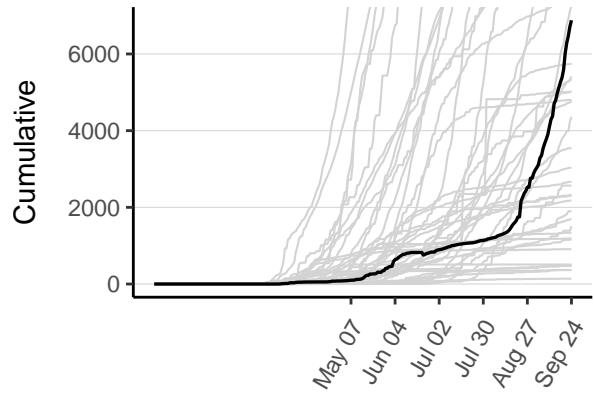
# Togo



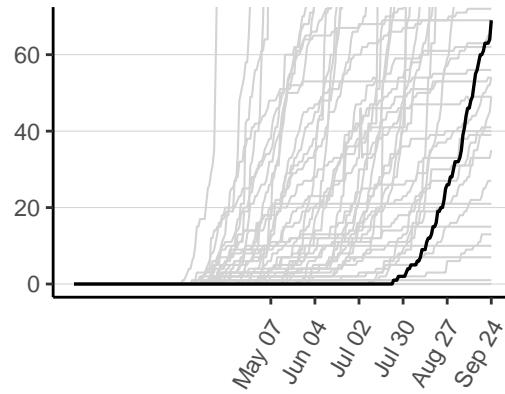
**Date**  
Togo has 1701 reported case(s) (36th in the region) and 41 reported death(s) (35th). Cumulative counts per 10,000 population of reported cases and deaths are 2.2 (36th) and 0.052 (33rd) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.2 (10th). The weekly ratio of reported deaths over the last 2 weeks is 0.25 (23rd).

# Uganda

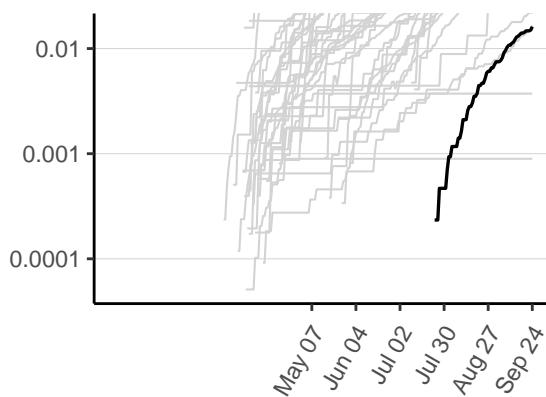
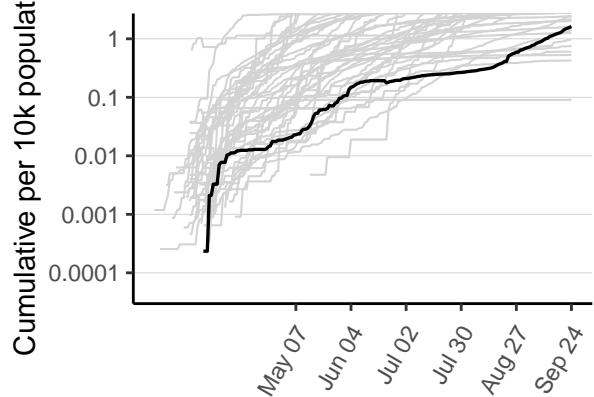
Cases



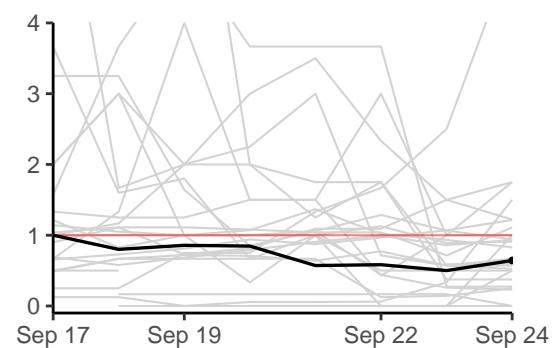
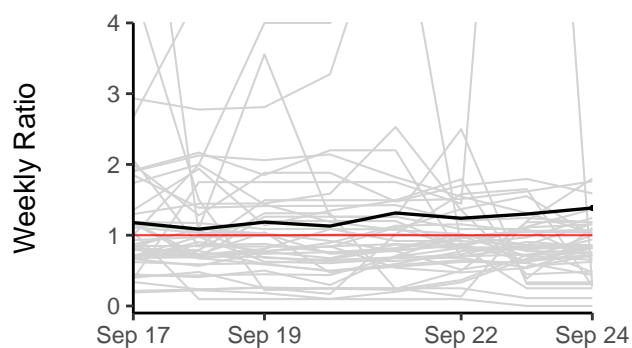
Deaths



Cumulative per 10k population



Weekly Ratio

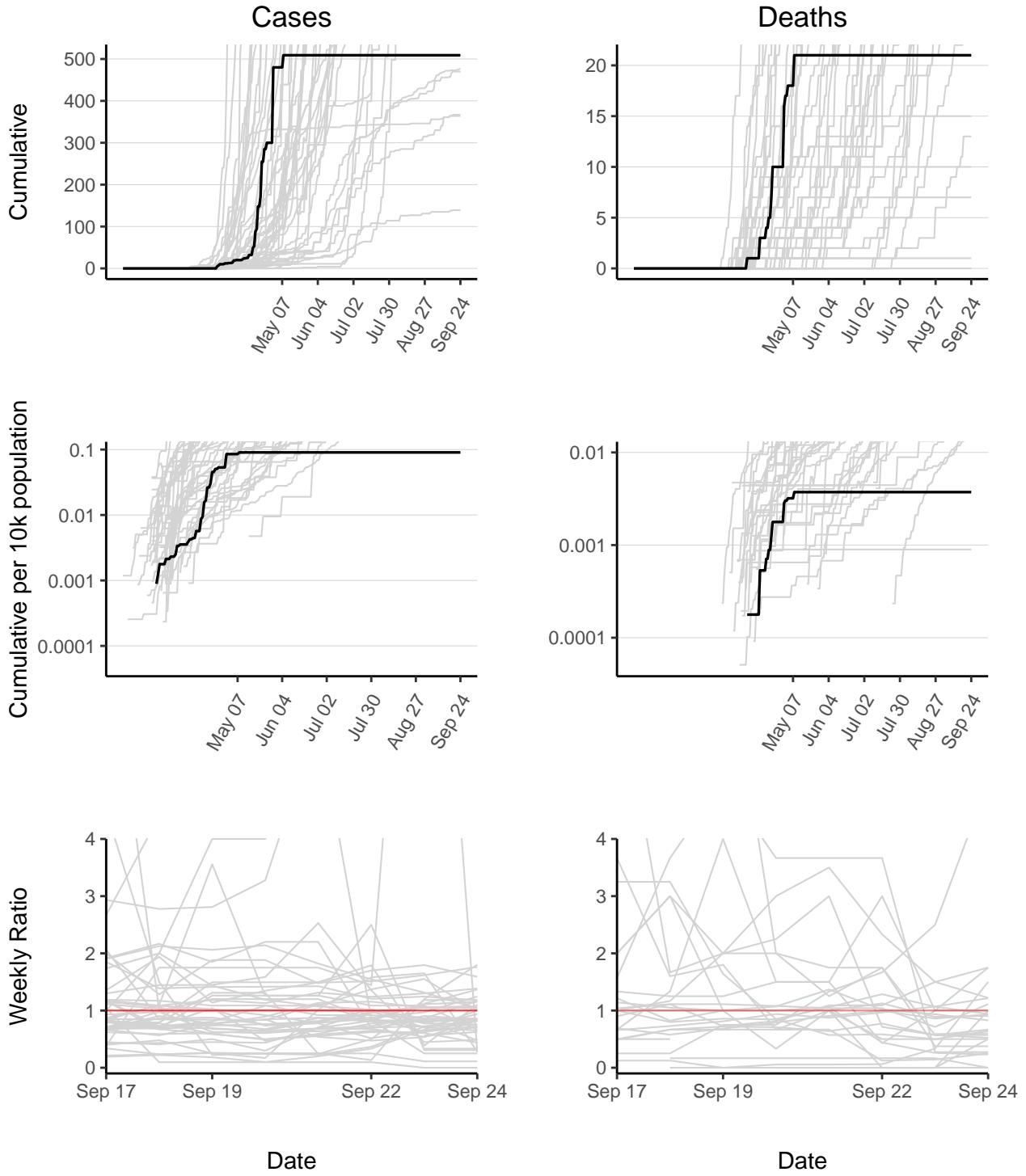


Date

Uganda has 6879 reported case(s) (19th in the region) and 69 reported death(s) (27th). Cumulative counts per 10,000 population of reported cases and deaths are 1.6 (38th) and 0.016 (43rd) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.4 (5th). The weekly ratio of reported deaths over the last 2 weeks is 0.64 (15th).

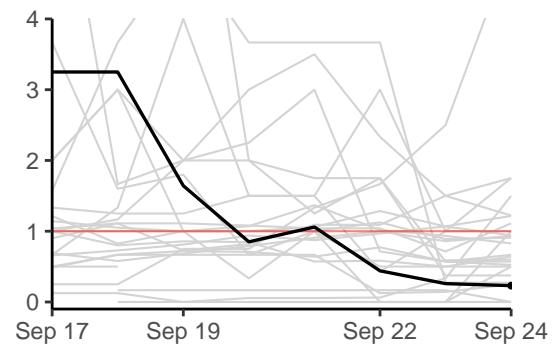
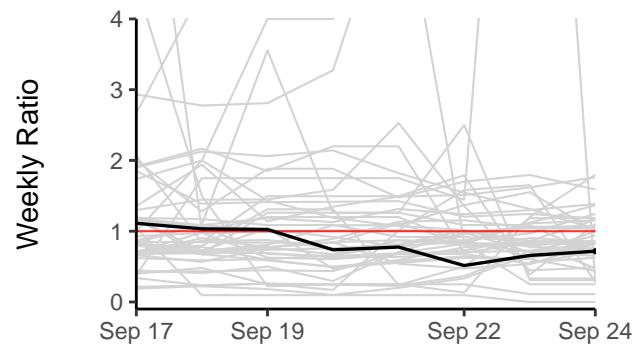
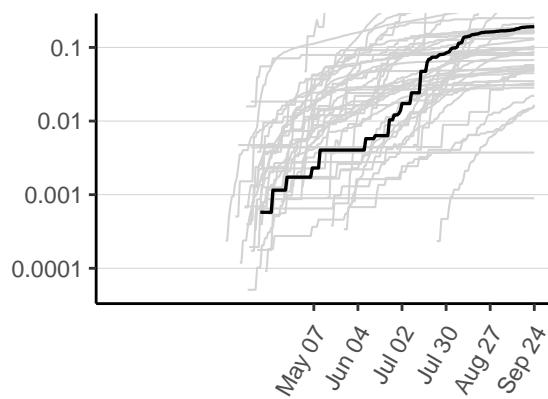
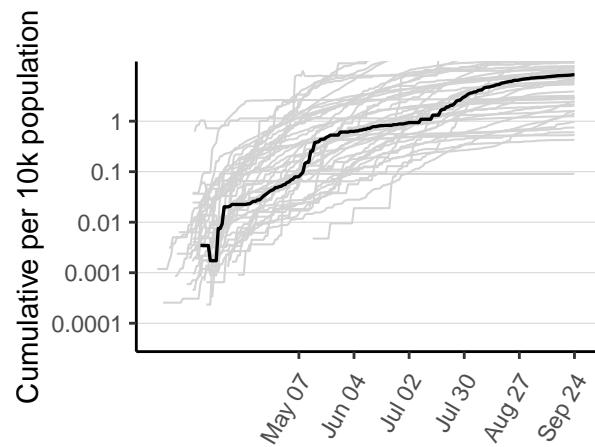
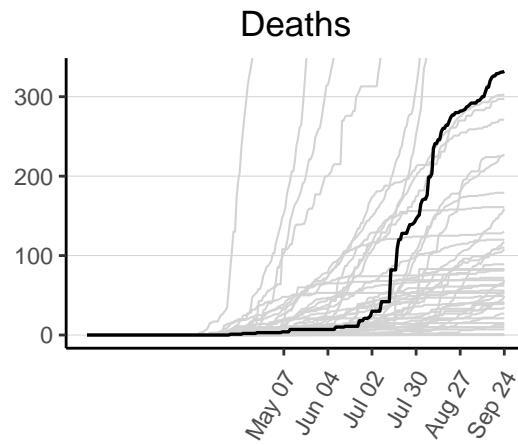
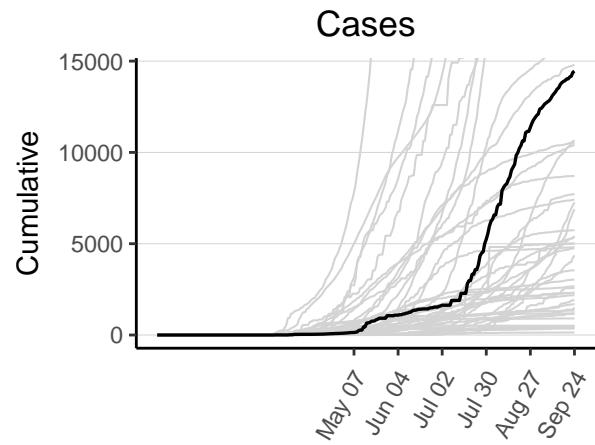
Date

# United Republic of Tanzania



United Republic of Tanzania has 509 reported case(s) (42nd in the region) and 21 reported death(s) (40th). Cumulative counts per 10,000 population of reported cases and deaths are 0.09 (47th) and 0.0037 (44th) 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.

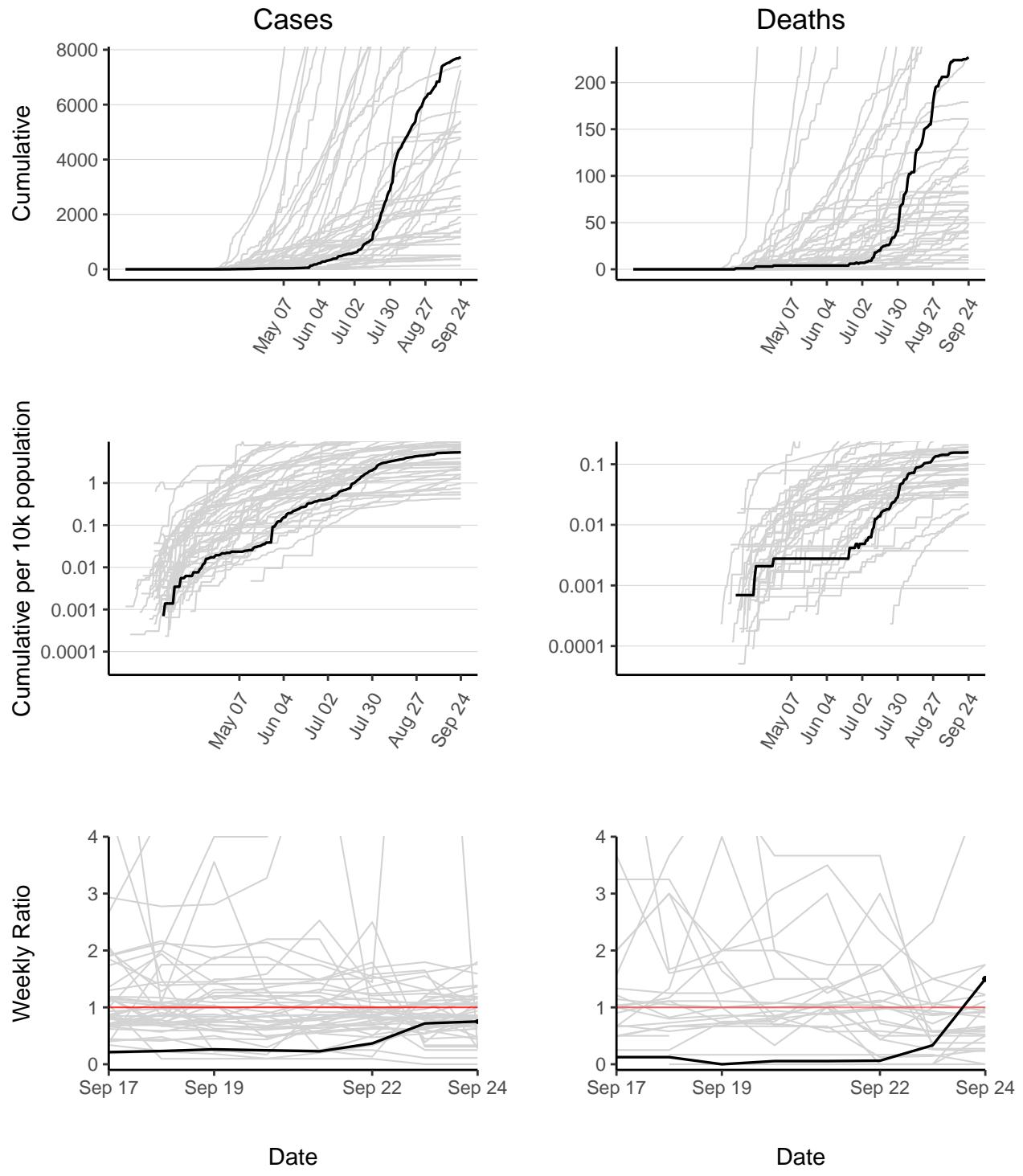
# Zambia



Date

Zambia has 14443 reported case(s) (11th in the region) and 332 reported death(s) (7th). Cumulative counts per 10,000 population of reported cases and deaths are 8.3 (19th) and 0.19 (12th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.72 (30th). The weekly ratio of reported deaths over the last 2 weeks is 0.23 (24th).

# Zimbabwe



**Date**  
 Zimbabwe has 7725 reported case(s) (16th in the region) and 227 reported death(s) (11th). Cumulative counts per 10,000 population of reported cases and deaths are 5.4 (27th) and 0.16 (18th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.75 (29th). The weekly ratio of reported deaths over the last 2 weeks is 1.5 (4th).

# **Appendix**

## **Data**

### **Sources and access**

- Case counts for countries from WHO Coronavirus disease (COVID-2019) Dashboard <https://covid19.who.int/table> (accessed 24/09/2020).
- Death counts for countries from WHO Coronavirus disease (COVID-2019) Dashboard <https://covid19.who.int/table> (accessed 24/09/2020).
- Population counts from the World Bank (2018) <https://data.worldbank.org/indicator/SP.POP.TOTL?locations=ZG> (accessed 09/03/2020).

### **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	665188	663827	666500
Ethiopia	71083	NA	NA
Nigeria	57724	57345	58108
Algeria	50400	50027	50750
Ghana	46116	45766	46457
Kenya	37348	37016	37643
Cameroon	20690	20462	20933
Cote d'Ivoire	19430	19200	19666
Madagascar	16167	NA	NA
Senegal	14795	14590	15006
Zambia	14443	NA	NA
Namibia	10663	NA	NA
Democratic Republic of the Congo	10536	10374	10708
Guinea	10434	NA	NA
Gabon	8716	8555	8873
Zimbabwe	7725	7575	7863
Mauritania	7425	NA	NA
Mozambique	7262	7122	7401
Uganda	6879	NA	NA
Malawi	5746	5621	5866
Cabo Verde	5412	5291	5532
Eswatini	5343	NA	NA
Equatorial Guinea	5018	NA	NA
Congo	5005	4887	5114
Central African Republic	4804	NA	NA
Rwanda	4779	4669	4897
Angola	4363	4261	4477
Gambia	3552	NA	NA
Mali	3034	2940	3126
South Sudan	2669	2585	2757
Botswana	2567	2486	2648
Benin	2325	NA	NA
Guinea-Bissau	2303	2224	2384
Sierra Leone	2183	2108	2260
Burkina Faso	1907	1837	1981
Togo	1701	1631	1765
Lesotho	1507	1445	1571
Liberia	1337	NA	NA
Niger	1193	NA	NA
Chad	1164	NA	NA
Sao Tome and Principe	908	NA	NA
United Republic of Tanzania	509	472	547
Burundi	477	440	513
Comoros	470	438	506
Mauritius	367	337	397
Eritrea	364	334	395
Seychelles	139	NA	NA

**Cumulative reported cases per 10,000 population**

Country	Cum. reported cases per 10k pop	95%CI lower	95%CI upper
South Africa	115.125	115	115
Cabo Verde	99.528	97	102
Namibia	43.553	NA	NA
Sao Tome and Principe	43.027	NA	NA
Gabon	41.127	40	42
Eswatini	39.086	NA	NA
Equatorial Guinea	38.335	NA	NA
Mauritania	16.862	NA	NA
Gambia	15.578	NA	NA
Ghana	15.492	15	16
Seychelles	14.365	NA	NA
Guinea-Bissau	12.287	12	13
Algeria	11.935	12	12
Botswana	11.388	11	12
Central African Republic	10.295	NA	NA
Congo	9.544	9	10
Senegal	9.332	9	9
Guinea	8.405	NA	NA
Zambia	8.324	NA	NA
Cameroon	8.205	8	8
Cote d'Ivoire	7.751	8	8
Kenya	7.267	7	7
Lesotho	7.149	7	7
Ethiopia	6.508	NA	NA
Madagascar	6.156	NA	NA
Comoros	5.647	5	6
Zimbabwe	5.350	5	5
Rwanda	3.885	4	4
Malawi	3.167	3	3
Nigeria	2.947	3	3
Mauritius	2.900	3	3
Sierra Leone	2.854	3	3
Liberia	2.774	NA	NA
Mozambique	2.462	2	3
South Sudan	2.432	2	3
Togo	2.156	2	2
Benin	2.024	NA	NA
Uganda	1.610	NA	NA
Mali	1.590	2	2
Angola	1.416	1	1
Democratic Republic of the Congo	1.253	1	1
Burkina Faso	0.965	1	1
Chad	0.752	NA	NA
Eritrea	0.602	1	1
Niger	0.532	NA	NA
Burundi	0.427	0	0
United Republic of Tanzania	0.090	0	0

### Cumulative deaths

Country	Cum. reported deaths	95%CI lower	95%CI upper
South Africa	16206	15999	16409
Algeria	1698	NA	NA
Ethiopia	1141	1084	1197
Nigeria	1102	1047	1158
Kenya	664	620	710
Cameroon	416	379	450
Zambia	332	303	363
Senegal	303	274	331
Ghana	297	269	326
Democratic Republic of the Congo	271	245	299
Zimbabwe	227	NA	NA
Madagascar	226	200	252
Malawi	179	157	202
Mauritania	161	140	182
Angola	159	140	181
Mali	130	111	150
Cote d'Ivoire	120	103	139
Namibia	117	NA	NA
Gambia	110	93	129
Eswatini	108	NA	NA
Congo	89	NA	NA
Equatorial Guinea	83	69	98
Chad	82	67	97
Liberia	82	67	97
Sierra Leone	72	59	87
Niger	69	56	81
Uganda	69	54	83
Guinea	65	NA	NA
Central African Republic	62	49	75
Burkina Faso	56	NA	NA
Cabo Verde	54	42	65
Gabon	54	42	67
Mozambique	49	38	60
South Sudan	49	NA	NA
Togo	41	31	52
Benin	40	30	51
Guinea-Bissau	39	29	49
Lesotho	35	26	46
Rwanda	27	19	36
United Republic of Tanzania	21	14	29
Sao Tome and Principe	15	NA	NA
Botswana	13	8	19
Mauritius	10	5	16
Comoros	7	3	12
Burundi	1	0	3
Eritrea	0	0	0
Seychelles	0	0	0

### Cumulative deaths per 10,000 populations

Country	Cum. reported deaths per 10k pop	95%CI lower	95%CI upper
South Africa	2.805	3	3
Cabo Verde	0.993	1	1
Eswatini	0.790	NA	NA
Sao Tome and Principe	0.711	NA	NA
Equatorial Guinea	0.634	1	1
Gambia	0.482	0	1
Namibia	0.478	NA	NA
Algeria	0.402	NA	NA
Mauritania	0.366	0	0
Gabon	0.255	0	0
Guinea-Bissau	0.208	0	0
Zambia	0.191	0	0
Senegal	0.191	0	0
Liberia	0.170	0	0
Congo	0.170	NA	NA
Lesotho	0.166	0	0
Cameroon	0.165	0	0
Zimbabwe	0.157	NA	NA
Central African Republic	0.133	0	0
Kenya	0.129	0	0
Ethiopia	0.104	0	0
Ghana	0.100	0	0
Malawi	0.099	0	0
Sierra Leone	0.094	0	0
Madagascar	0.086	0	0
Comoros	0.084	0	0
Mauritius	0.079	0	0
Mali	0.068	0	0
Botswana	0.058	0	0
Nigeria	0.056	0	0
Chad	0.053	0	0
Guinea	0.052	NA	NA
Togo	0.052	0	0
Angola	0.052	0	0
Cote d'Ivoire	0.048	0	0
South Sudan	0.045	NA	NA
Benin	0.035	0	0
Democratic Republic of the Congo	0.032	0	0
Niger	0.031	0	0
Burkina Faso	0.028	NA	NA
Rwanda	0.022	0	0
Mozambique	0.017	0	0
Uganda	0.016	0	0
United Republic of Tanzania	0.004	0	0
Burundi	0.001	0	0
Eritrea	0.000	0	0
Seychelles	0.000	0	0

### Weekly Ratio (cases)

Country	Weekly Ratio	95%CI lower	95%CI upper
Niger	6.500	1.467	28.804
Equatorial Guinea	1.800	0.831	3.899
Chad	1.762	1.207	2.573
South Sudan	1.591	1.091	2.320
Uganda	1.385	1.284	1.493
Democratic Republic of the Congo	1.367	1.041	1.794
Kenya	1.245	1.137	1.363
Benin	1.184	0.769	1.824
Angola	1.180	1.057	1.318
Togo	1.163	0.862	1.567
Nigeria	1.152	1.057	1.256
Lesotho	1.104	0.893	1.365
Ethiopia	1.074	1.031	1.118
South Africa	1.066	1.039	1.094
Guinea	1.041	0.881	1.230
Mozambique	1.031	0.953	1.115
Burundi	1.000	0.250	3.999
Mali	1.000	0.715	1.400
Cote d'Ivoire	0.940	0.803	1.101
Cabo Verde	0.859	0.756	0.977
Eswatini	0.858	0.706	1.043
Cameroon	0.851	0.743	0.974
Madagascar	0.843	0.722	0.984
Rwanda	0.833	0.669	1.039
Malawi	0.824	0.547	1.239
Algeria	0.819	0.764	0.879
Namibia	0.817	0.739	0.902
Sierra Leone	0.758	0.525	1.094
Zimbabwe	0.751	0.597	0.946
Zambia	0.717	0.643	0.800
Ghana	0.717	0.636	0.808
Mauritania	0.715	0.548	0.934
Gabon	0.667	0.442	1.005
Burkina Faso	0.652	0.538	0.789
Liberia	0.625	0.284	1.377
Senegal	0.487	0.416	0.571
Central African Republic	0.478	0.288	0.795
Gambia	0.439	0.337	0.572
Seychelles	0.333	0.035	3.205
Botswana	0.309	0.248	0.384
Congo	0.281	0.180	0.438
Comoros	0.273	0.076	0.978
Mauritius	0.250	0.053	1.177
Sao Tome and Principe	0.111	0.014	0.877
Eritrea	0.000	0.000	NA
Guinea-Bissau	NA	NA	NA
United Republic of Tanzania	NA	NA	NA

### Weekly Ratio (deaths)

Country	Weekly Ratio	95%CI lower	95%CI upper
Rwanda	5.000	0.584	42.799
Cabo Verde	1.750	0.512	5.978
Eswatini	1.750	0.512	5.978
Zimbabwe	1.500	0.251	8.977
Madagascar	1.222	0.506	2.949
Ethiopia	1.215	0.902	1.637
Kenya	1.111	0.661	1.869
Botswana	1.000	0.141	7.099
Lesotho	1.000	0.141	7.099
Angola	0.941	0.476	1.863
South Africa	0.933	0.826	1.054
Mozambique	0.909	0.386	2.141
Algeria	0.828	0.575	1.192
Senegal	0.667	0.188	2.362
Uganda	0.643	0.278	1.485
Namibia	0.600	0.263	1.371
Democratic Republic of the Congo	0.571	0.167	1.952
Nigeria	0.524	0.253	1.086
Chad	0.500	0.045	5.514
Malawi	0.500	0.045	5.514
Gambia	0.375	0.099	1.414
Ghana	0.273	0.076	0.978
Togo	0.250	0.028	2.237
Zambia	0.231	0.095	0.561
Congo	0.000	0.000	NA
Cote d'Ivoire	0.000	0.000	NA
South Sudan	0.000	0.000	NA
Benin	NA	NA	NA
Burkina Faso	NA	NA	NA
Burundi	NA	NA	NA
Cameroon	NA	NA	NA
Central African Republic	NA	NA	NA
Comoros	NA	NA	NA
Equatorial Guinea	NA	NA	NA
Eritrea	NA	NA	NA
Gabon	NA	NA	NA
Guinea	NA	NA	NA
Guinea-Bissau	NA	NA	NA
Liberia	NA	NA	NA
Mali	NA	NA	NA
Mauritania	NA	NA	NA
Mauritius	NA	NA	NA
Niger	NA	NA	NA
Sao Tome and Principe	NA	NA	NA
Seychelles	NA	NA	NA
Sierra Leone	NA	NA	NA
United Republic of Tanzania	NA	NA	NA