

Covid-19 Epidemiological Report

Senegal

From 2020-03-01 to 2020-05-22

1 HIGHLIGHTS

1.1 No. new cases (suspected, probable and confirmed) reported in the last 4 week.

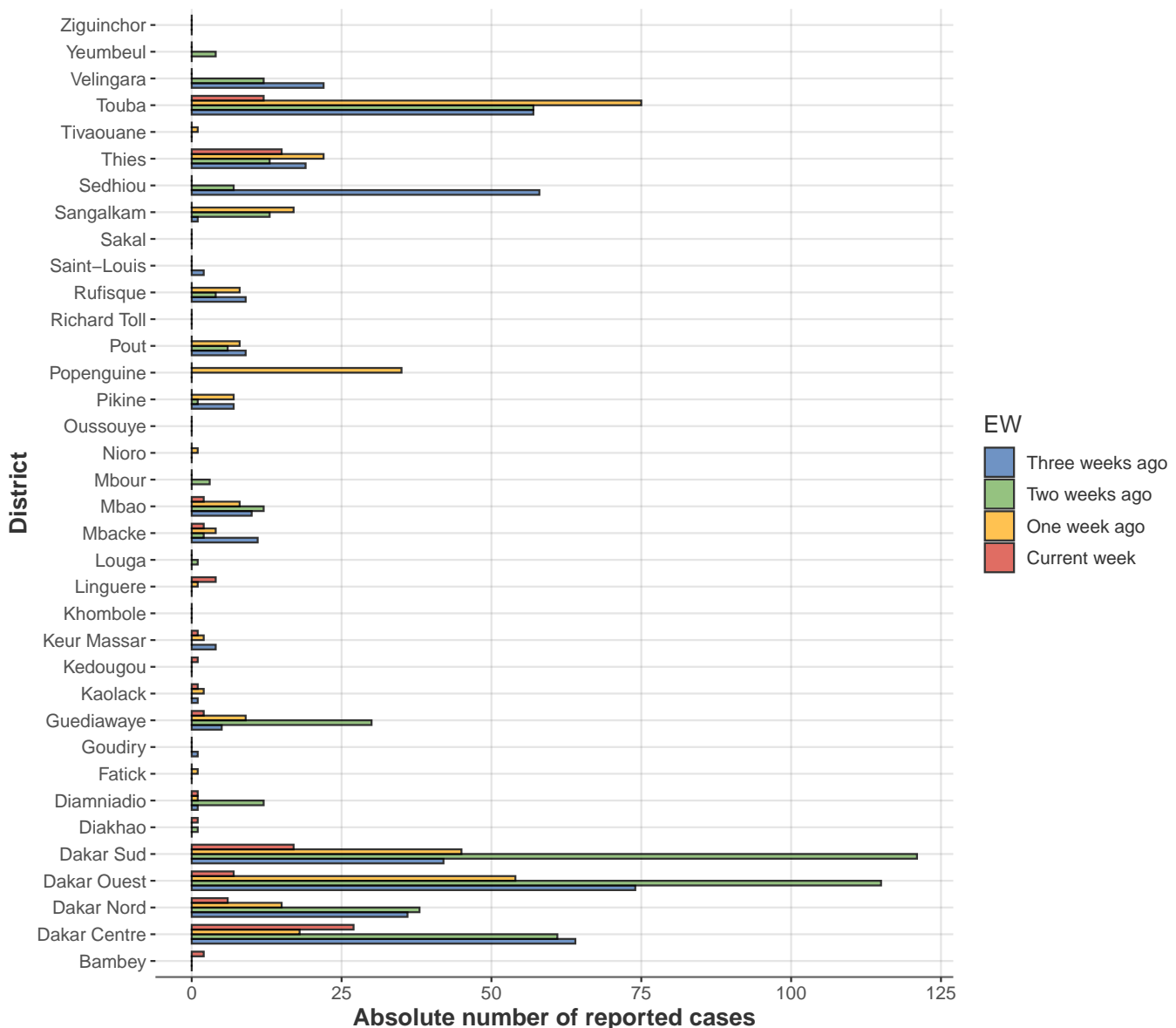


Figure 1: New cases per region in the last 4 weeks.

As we observed, the absolute number of new cases increased when compared with the cases reported in the previous week..

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Testing this coment 1.

1.2 No. of new cases and deaths in the last 48 hours: are increasing/decreasing/no changes

District	Total_cases	Cases_48h	Total_deaths	Deaths_48h
Dakar Ouest	323	7	0	0
Dakar Sud	313	17	1	0
Touba	261	5	1	0
Dakar Centre	212	27	1	0
Dakar Nord	123	6	0	0
Thies	85	0	0	0
Sedhiou	65	0	0	0
Guediawaye	63	2	0	0
Mbao	53	2	0	0
Velingara	41	0	0	0
Popenguine	38	0	0	0
Sangalkam	38	0	0	0
Pikine	35	0	0	0
Louga	30	0	0	0
Pout	30	0	0	0
Rufisque	30	0	0	0
Mbacke	28	2	0	0
Goudiry	24	0	0	0
Diamniadio	20	1	0	0
Mbour	19	0	0	0
Yeumbeul	15	0	0	0
Keur Massar	13	1	0	0
Ziguinchor	10	0	0	0
Saint-Louis	6	0	0	0
Kaolack	5	1	0	0
Linguere	5	0	0	0
Bambey	2	2	0	0
Diakhao	2	1	0	0
Fatick	2	0	0	0
Khombole	2	0	0	0
Nioro	2	0	0	0
Tivaouane	2	0	0	0
Kedougou	1	1	0	0
Oussouye	1	0	0	0
Richard Toll	1	0	0	0
Sakal	1	0	0	0

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Most of the cases, well as deaths were reported in Dakar Ouest. Although it is important to notice that the number of cases and deaths reported without the district origin reached %.

1.3 No. deaths reported in the last week. Compare to the previous week

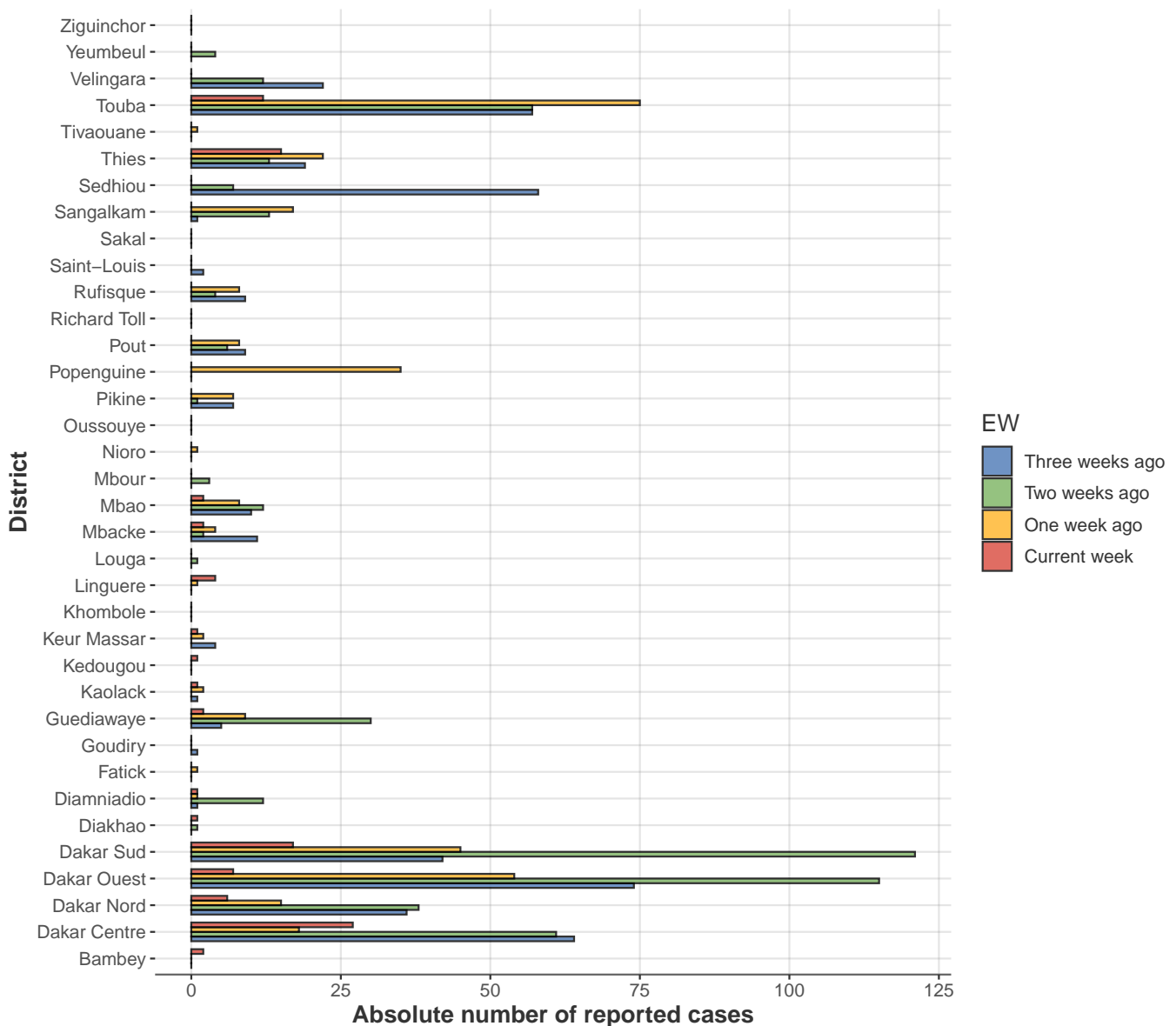


Figure 2: Deaths per region in the last 4 weeks.

1.4 Reported cases and deaths = 50+ years old

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District	50 or more.	Less than 50	No info
Dakar Sud	240	68	5
Dakar Ouest	258	58	7
Touba	210	48	3
Dakar Centre	162	47	3
Dakar Nord	93	24	6
Thies	66	17	2
Guediawaye	43	15	5
Mbao	37	13	3
Sedhiou	54	11	0
Louga	20	10	0
Velingara	32	9	0
Mbour	11	8	0
Pikine	25	8	2
Popenguine	30	8	0
Sangalkam	30	8	0
Rufisque	23	7	0
Pout	23	6	1
Mbacke	22	5	1
Diamniadio	15	4	1
Saint-Louis	2	4	0
Ziguinchor	6	4	0
Goudiry	19	3	2
Yeumbeul	12	3	0
Keur Massar	11	2	0
Oussouye	0	1	0
Sakal	0	1	0
Tivaouane	1	1	0
Bambey	2	0	0
Diakhao	2	0	0
Fatick	2	0	0
Kaolack	5	0	0
Kedougou	1	0	0
Khombole	2	0	0
Linguere	5	0	0
Nioro	2	0	0
Richard Toll	1	0	0

1.5 Case fatality rate

The fatality rate is 0.17%.

1.6 No. new tests performed (positive and negative) in the last week. Compare to the previous week (mention test technique?)

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Result	Count
Positive	101

1.7 No. of tests performed this week: are increasing/decreasing/no changes

Percentage of samples collected from reported cases; total number of PCR and RDT tests

District	Cases	% samples collected	PCR tests	RDT tests
Dakar Centre	27	0	27	0
Dakar Sud	17	0	17	0
Thies	15	0	15	0
Touba	12	0	12	0
Dakar Ouest	7	0	7	0
Dakar Nord	6	0	6	0
Linguere	4	0	4	0
Bambey	2	0	2	0
Guediawaye	2	0	2	0
Mbacke	2	0	2	0
Mbao	2	0	2	0
Diakhao	1	0	1	0
Diamniadio	1	0	1	0
Kaolack	1	0	1	0
Kedougou	1	0	1	0
Keur Massar	1	0	1	0

1.8 Occupation and contact tracing

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## [1] "Please, take a look on your dataset, some variables may be missing"
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1.9 Cumulative number of cases (suspected, probable and confirmed) and deaths reported to date since the first case.

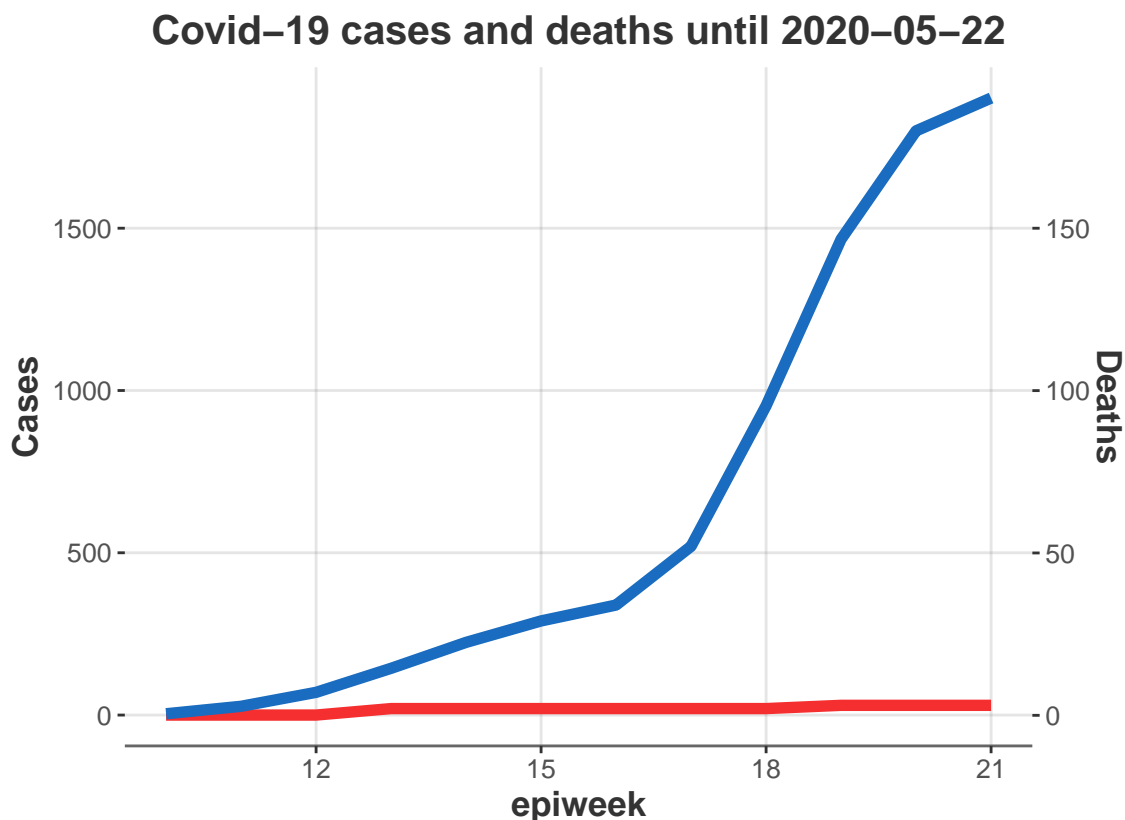


Figure 3: Cases and deaths since first case by data.

1.10 Summary of key issues and challenges

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2 BACKGROUND

Brief description of * When the first case was diagnosed in the country * Date of the outbreak declaration in the Country * Situation in relation to lockdown or phases through opening * Description of the new cases: Number in each regions, age strata, and sex.

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3 EPIDEMIOLOGY & SURVEILLANCE

From 2020-03-01, the date that the first case of COVID-19 was diagnosed, until now 1901 cases were diagnosed. In all regions cases were diagnosed. The Dakar Ouest region had more cases, followed by Dakar Sud and Touba. The lowest number of cases were notified in the region Sakal.

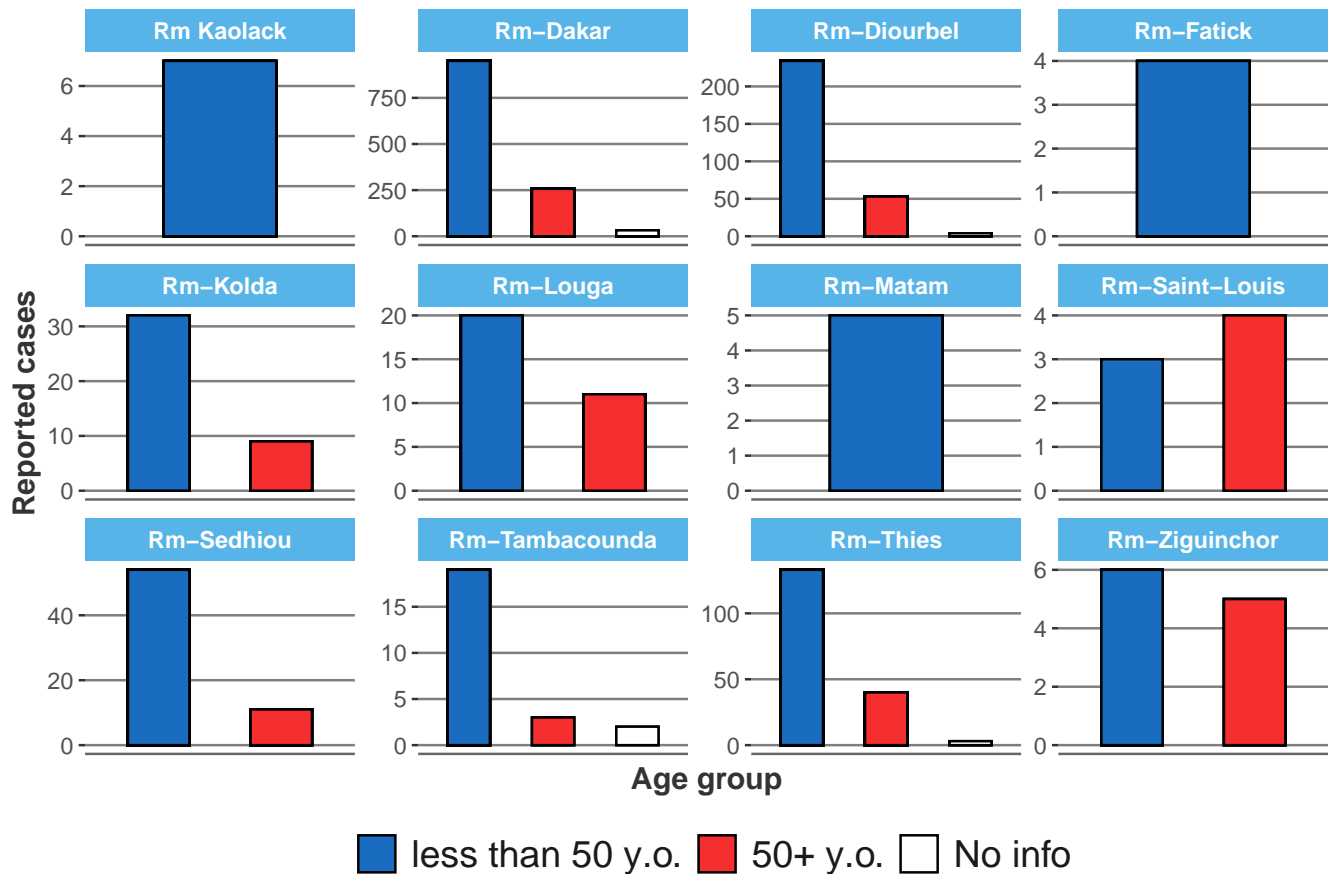
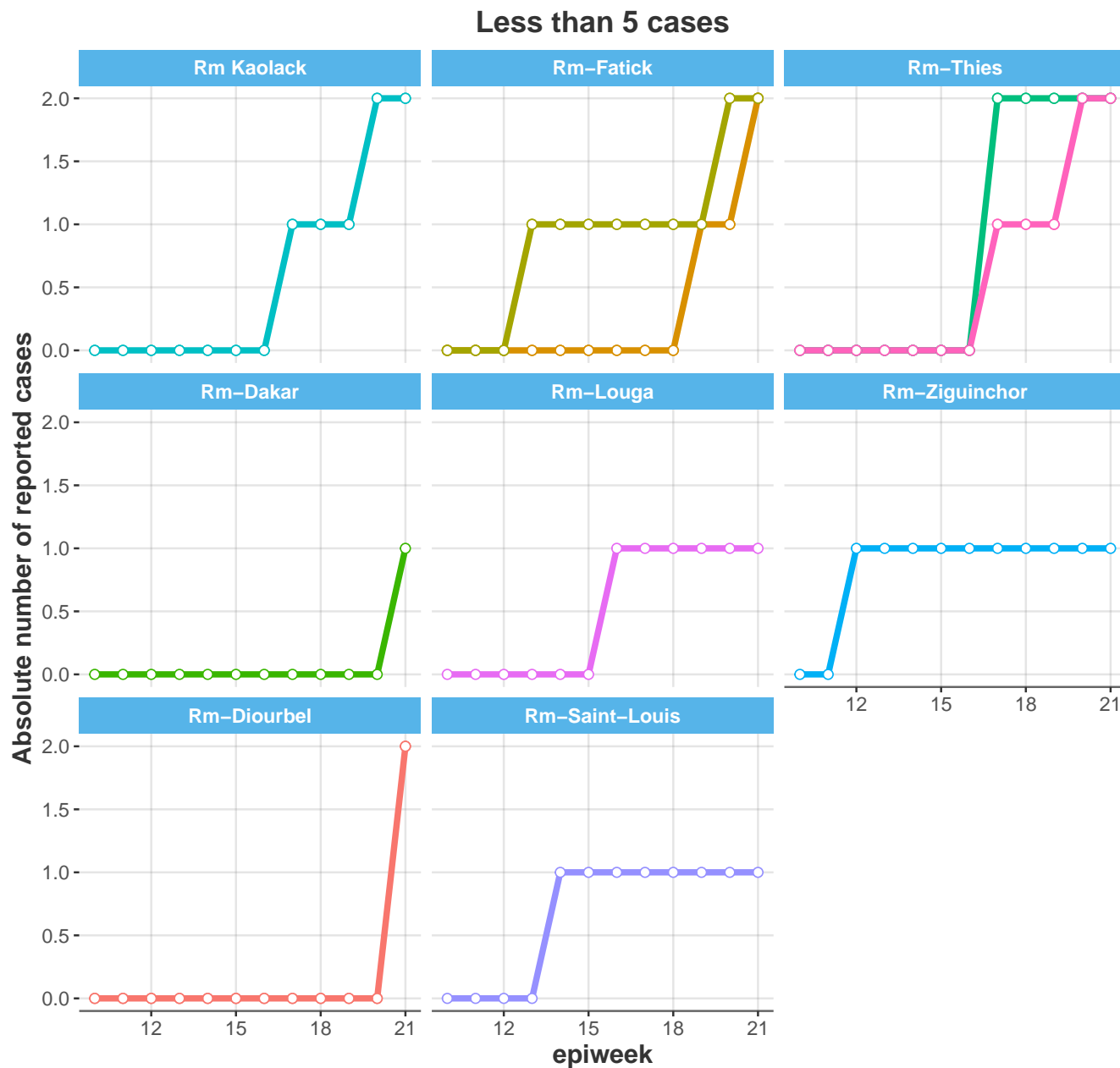


Figure 4: Cumulative number of cases per region in elderly and non-elderly people.

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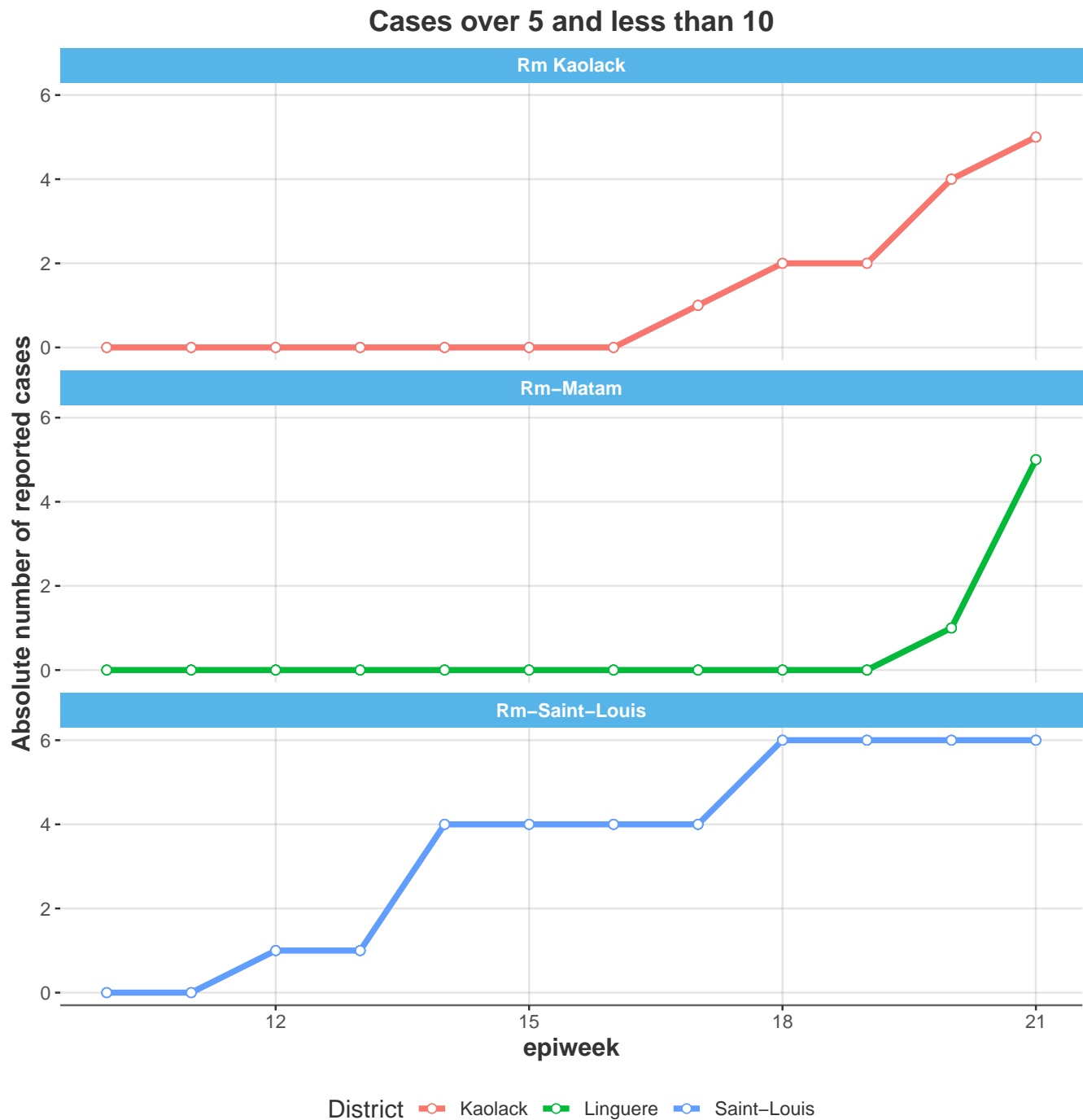
District

- Bambey
- Fatick
- Khombole
- Oussouye
- Sakal
- Diakhao
- Kedougou
- Nioro
- Richard Toll
- Tivaouane

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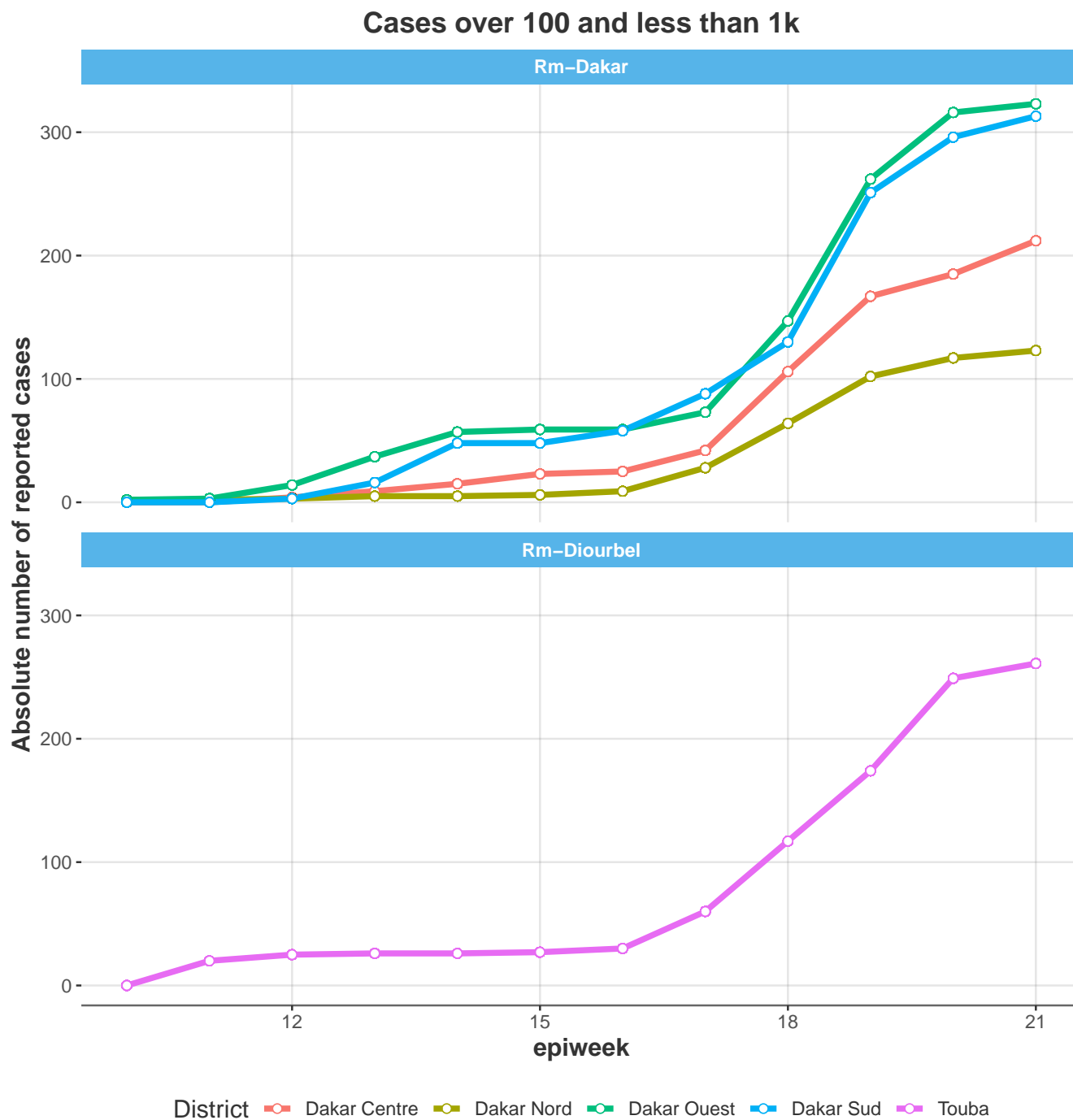


Figure 5: Epicurve by date of notification and/or onset date (fill by region/province)

In Figure 6 the temporal distribution of cases per region, monthly (Figure 3)

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Figure 6: Maps of the cumulative cases of COVID-19, per region, monthly and total.

The age and sex distribution of the cases are depicted on Figure 7.

Figure 7: Cases per age-sex distribution.

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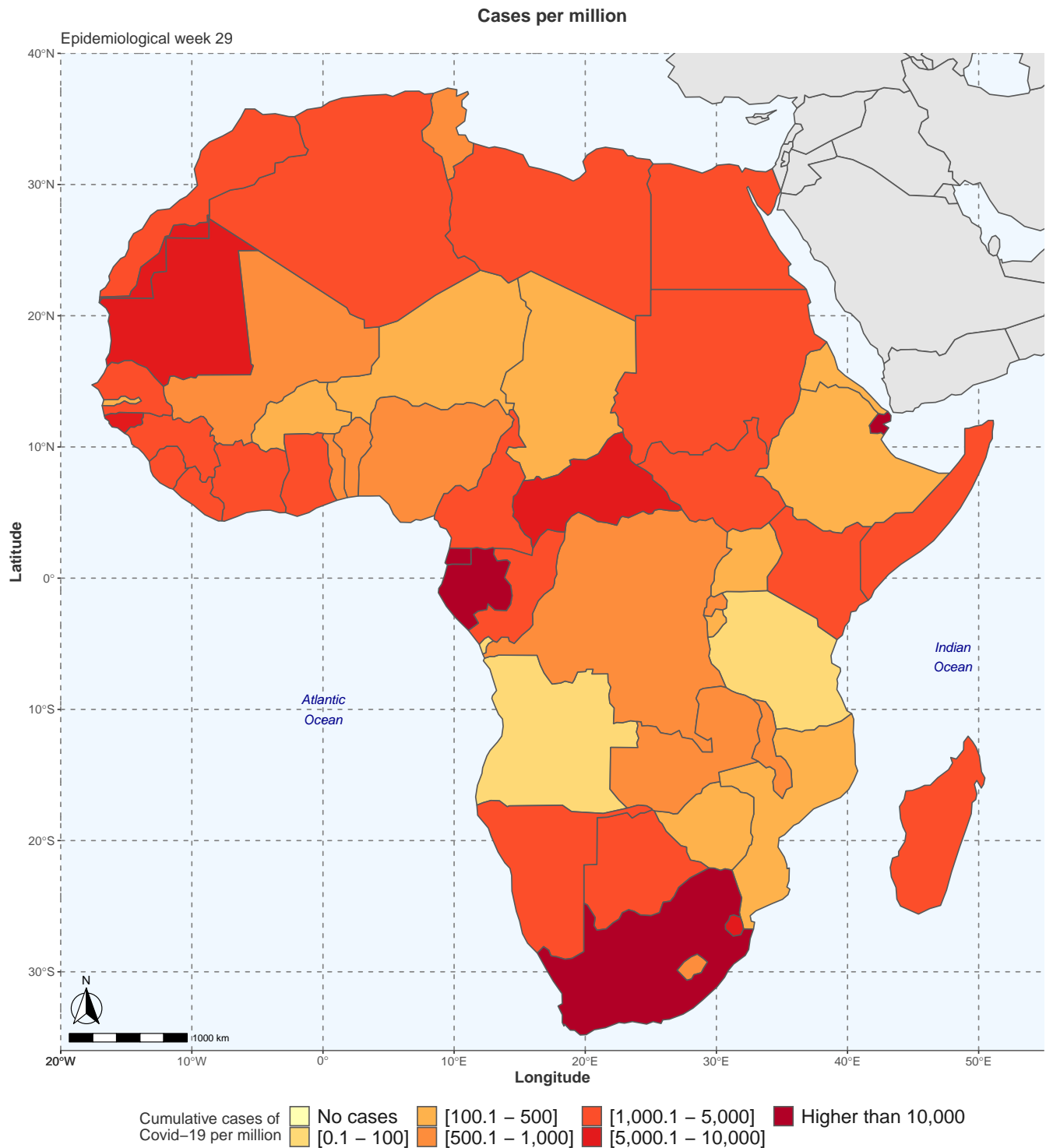


Figure 8: Cumulative cases per million until current week.

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3.1 Deaths per million

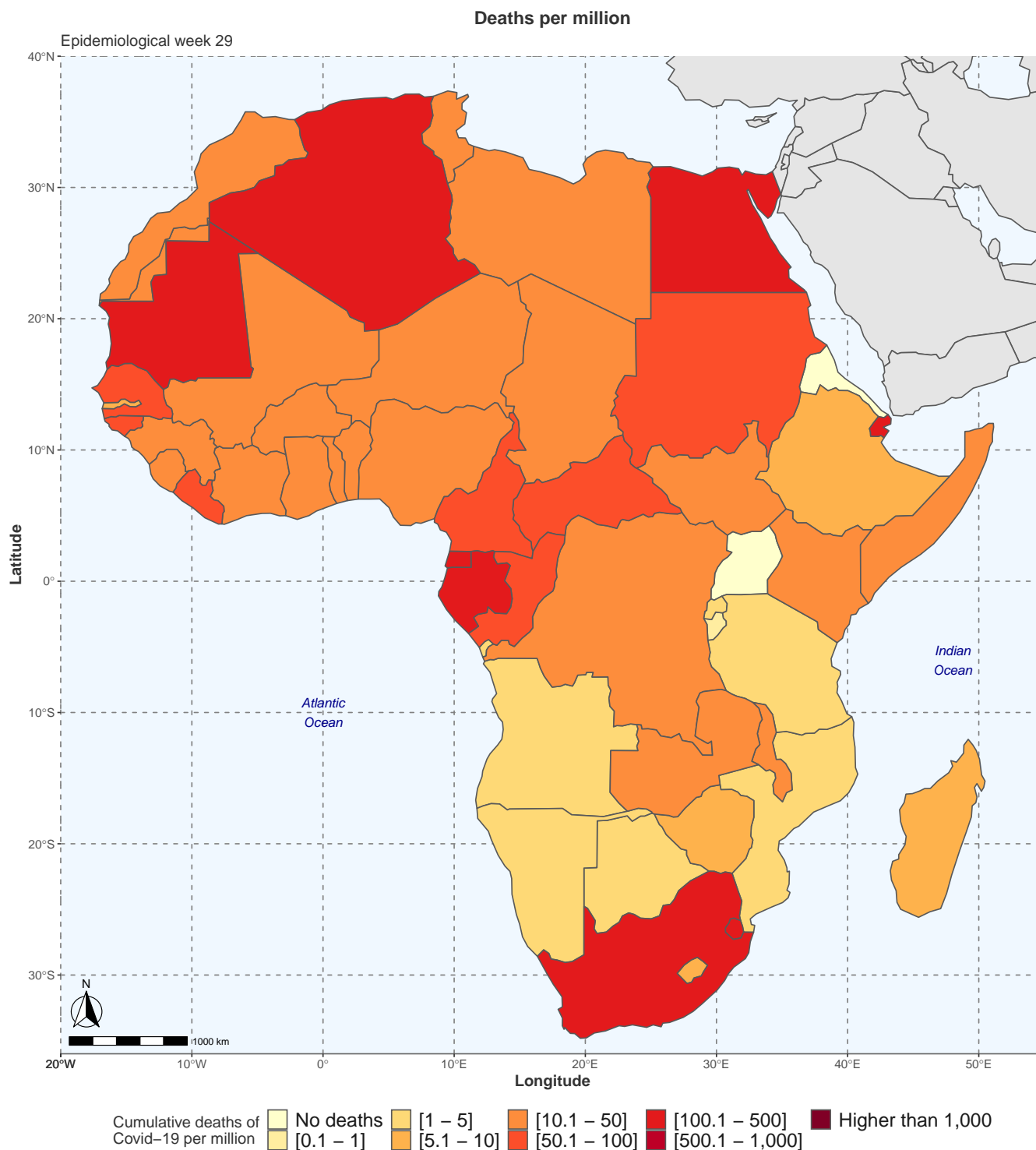


Figure 9: Cumulative deaths per million until current week.

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3.2 Cumulative cases and deaths by date

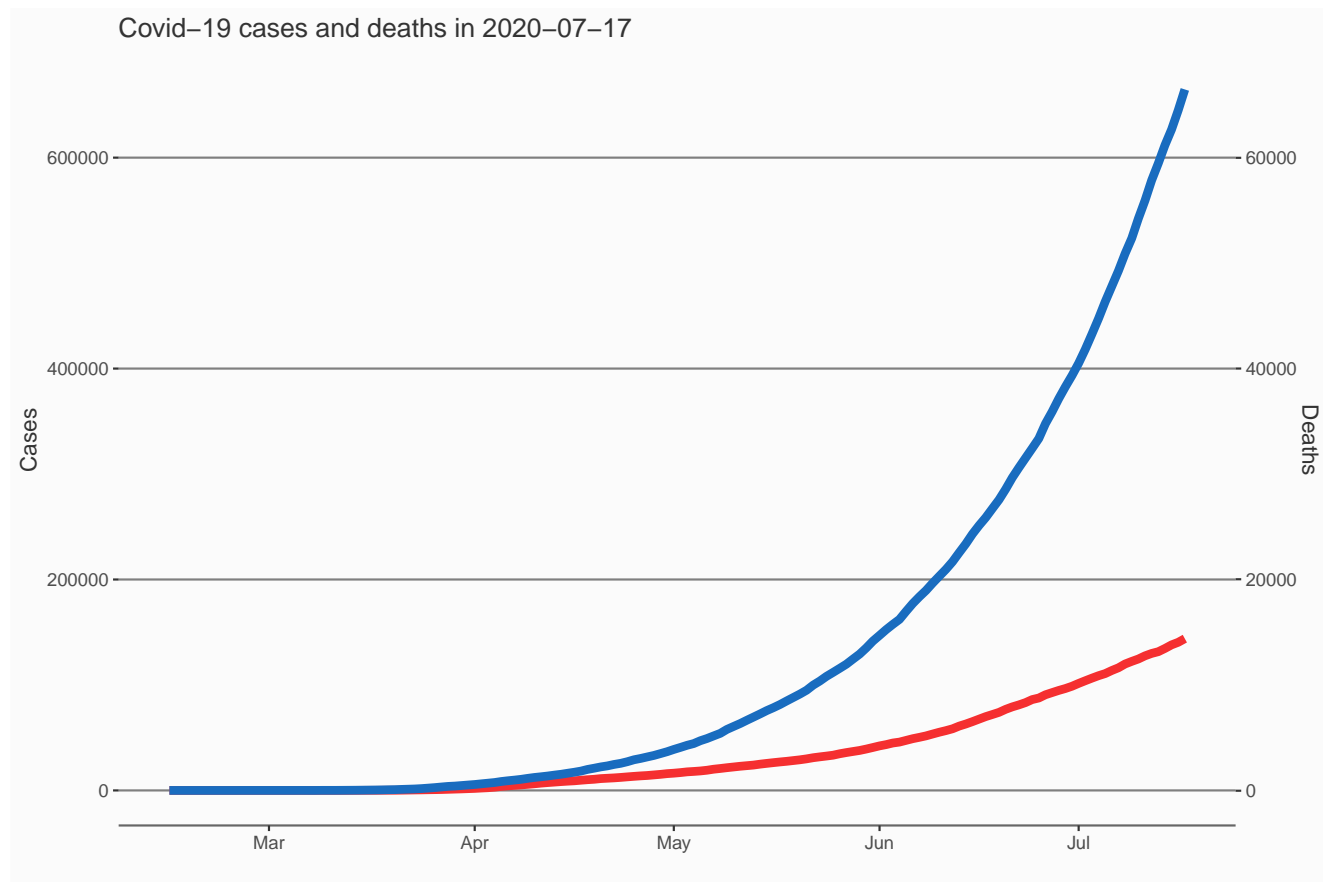


Figure 10: Cumulative cases and deaths by date in Africa.

There was no information on clinical aspects, hospitalization, or comorbidities on patients. Public Health Actions/ Response Intervention and Surveillance

During the COVID-19 pandemic period, 1901 persons were already tested for COVID-19, and from them 1901 (100%) were confirmed: 100% on polymerase chain reaction (PCR) test and none on serologic (rapid test – RT) test. The contact tracing information, as well as information on quarantine individuals or clusters were not provided. Hospitalization information was also not provided.

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4 LABORATORY INVESTIGATIONS

As 2020-05-22, 19 tests were performed: 0 (0) on PCR tests and 0 (0) on RT tests. Among the individuals tested with PCR, none were positive and with RT, none positive.

The temporal distribution of the tests performed and positivity was illustrated on Figure 5.

Figure 5: Temporal distribution (on epidemiological week) of number of tests performed and positivity.

As observed, in this week, the number of tests performed (increased/decreased) when compared with the previous week, the positivity of these tests (increased/decreased) when compared with the previous week.

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5 PUBLIC HEALTH ACTION / RESPONSE INTERVENTIONS

Please describe the response measures implemented by thematic area and any impact seen. Please add additional pillars if required e.g. ecological or operational research Quantify the activities in terms of numbers, dates, places e.g. 20 health workers from 5 hospitals were trained in case management of COVID-19 from 2-3 March 2020. On 5 March 2020, the Minister of Health and the WHO Representative held a press conference at the Ministry of Health HQ to declare the COVID-19 outbreak. (don't use words such as today, tomorrow) 1. COORDINATION 2. SURVEILLANCE 3. LABORATORY 4. CASE MANAGEMENT 5. HAZARD CONTAINMENT (GOVERNMENT RESTRICTIONS, ETC.) 6. WASH & IPC 7. RISK COMMUNICATION, COMMUNITY ENGAGEMENT & SOCIAL MOBILISATION 8. LOGISTICS 6. MAJOR CHALLENGES/GAPS

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6 RECOMMENDATIONS & PRIORITY FOLLOW UP ACTIONS

- COORDINATION AND LEADERSHIP
- SURVEILLANCE
- LABORATORY
- CASE MANAGEMENT
- HAZARD CONTAINMENT
- WASH & IPC
- RISK COMMUNICATION, COMMUNITY ENGAGEMENT & SOCIAL MOBILISATION
- LOGISTICS

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7 CONCLUSIONS

- Provide concluding remarks on the overall perspective of the event including future outlook
- Re-echo key messages for urgent attention.