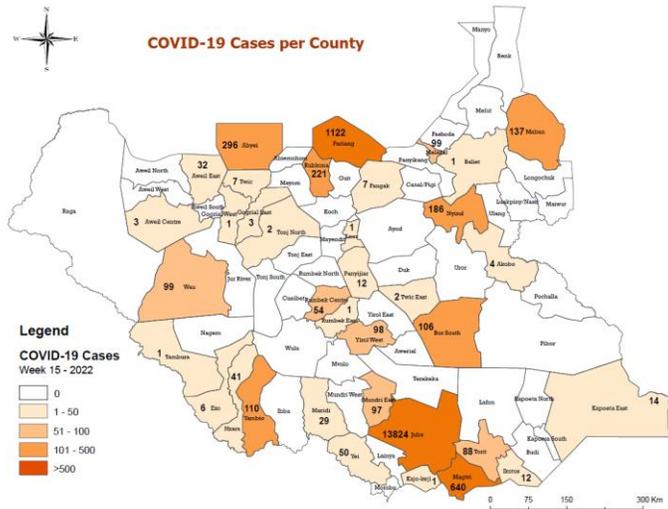




Highlights (as of Week 15)

- 17,404 confirmed cases with 138 deaths, 13,514 recoveries, and 3,752 active cases
- 0.79% case fatality rate (CFR)
- 293 healthcare workers confirmed as cases
- 51 new confirmed cases during the week with pre-travel screening (64.7%) and alerts (31.4%) accounting for majority of the cases
- 498 imported cases (1 new case this week) mostly from South Sudanese returnees (322), Uganda (55), and Kenya (20)
- 0 admitted to the Infectious Disease Unit (IDU) in Juba during the week
- Seven-day moving averages for case count and positivity rate were 7.0 cases and 0.9% at the end of Week 15 compared to 8.0 cases and 1.1% at the end of Week 14 respectively
- 2,364 in-bound travellers tested at JIA to-date (9 tested positive, a yield of 0.4%)



Summary Statistics



Cases 17,404



Deaths 138



Cases in IDU 0



Samples tested 375,853



Fully vaccinated 576,431

New cases 51

New deaths 0

Discharged 0

Crude positivity 4.6%

Epi Curve

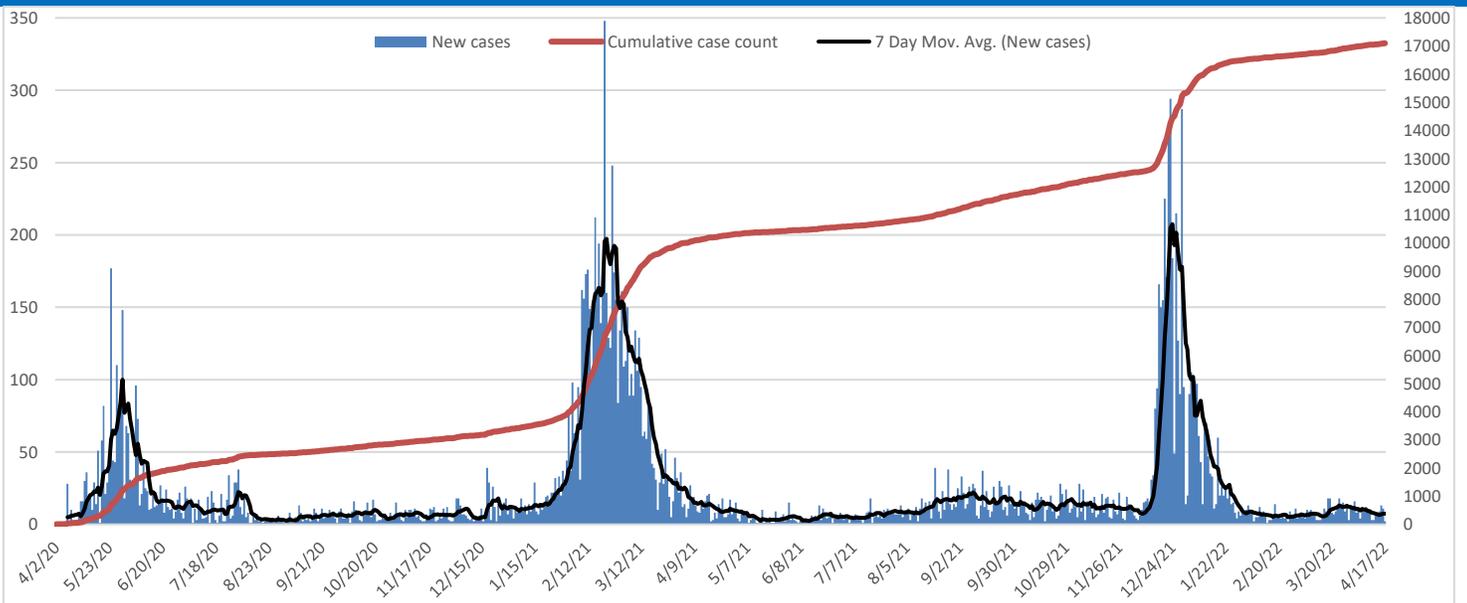


Figure 2. Epidemiological curve of reported cases through Week 15



Epidemiology and Surveillance

Cases

- 51 cases confirmed in Week 15, an 8.9% decrease in reported cases compared to Week 14, the third consecutive week of observed decrease in the weekly case tally
- Majority of new cases came from pre-travel screening (64.7%) and alerts (31.4%), and from Central Equatoria (68.6%), Unity (17.6%), and Ruweng Administrative Area (5.9%)
- One new imported case reported this week through Nimule land crossing
- Two new confirmed cases among healthcare workers this week
- Case tally for Week 15 represents 0.3% of cumulative case tally
- 0.9% crude positivity for samples tested during the week (highest yields came from sites using antigen rapid diagnostic tests)
- Moving averages for yield, case count, and proportional daily case change have stabilized in the last three epi weeks (e.g., case count is ~7-10 new cases per day)
- 7.6% decrease in 7-day moving average for new cases in the last seven days, with a 24.0% decrease in the last 14 days
- 35 (43.8%) of 80 counties in the country have a confirmed case, with no county with a first confirmed case this week
- Cumulatively, age distribution of cases reported is skewed towards people under 50 years old, with most cases occurring among males in the 20-49 age group
- 52.8% of cases are South Sudanese, 21.0% are foreigners, and 26.2% are of unknown nationality
- The last batch of samples sequenced at Uganda Virus Research Institute were all the Omicron variant
- 79.2% of cases detected in Juba compared to 20.8% outside of Juba
- Cumulatively, 64.8% of cases came from pre-travel screening, 14.7% alerts/suspected cases, 7.1% contact tracing, 6.2% point of entry screening, and 4.8% sentinel surveillance (2.4% have unknown source)

Deaths

- No new deaths were reported in Week 15 (last confirmed COVID-19 death was reported on 7 March 2022)
- 0.79% CFR
- Need for more active mortality surveillance → response to community death alerts and swabbing of suspect deaths during daily visits to mortuaries

Figure 3: Age and gender distribution

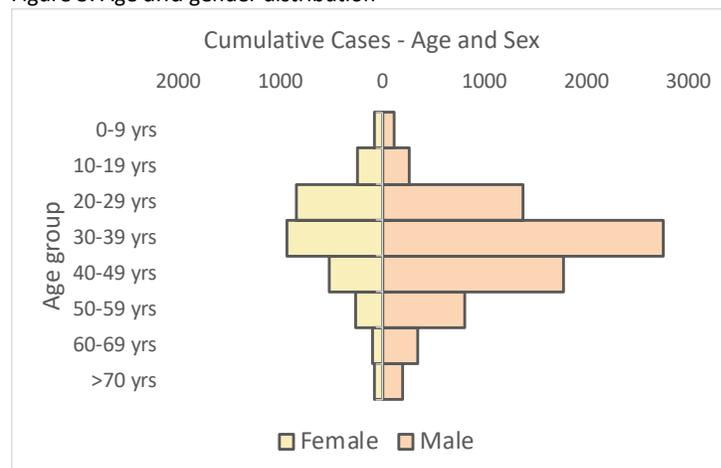
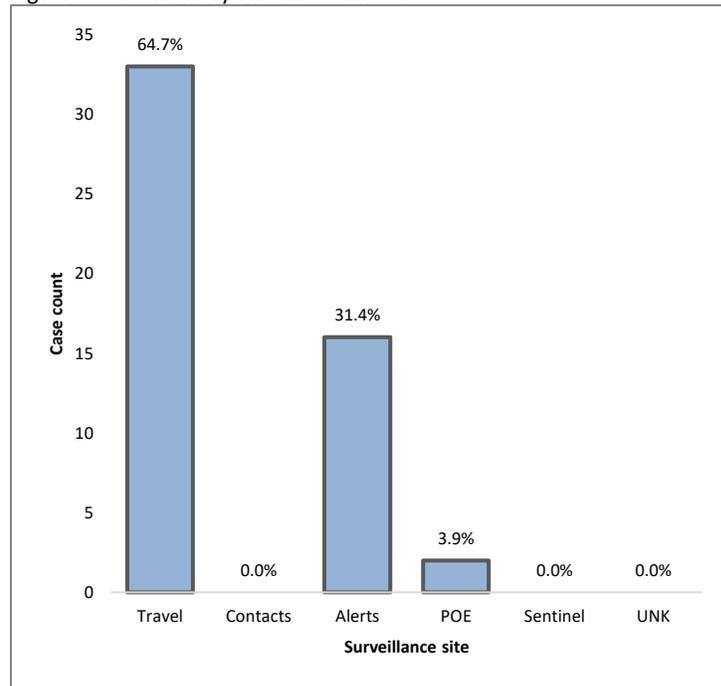


Figure 4: New cases by source – Week 15





Laboratory

- Average positivity yield is 0.9% this week compared to 1.1% in Week 14, the second consecutive week of observed decrease in the weekly positivity yield
- Highest yields reported in one GXP site (Makpandu PHCC) and 4 Ag-RDT sites (Old Fangak Hosp, Nyal PHCC, Hakima Yacoub PHCC, and MSF Juba office)
- Positivity yields by testing site were as follows in Week 15: Crawford (1.3%), Med Blue (0.0%), NPHL (0.7%), Nimule (3.3%), Queens Medical Complex (1.8%), Catherine Medical Centre (0.0%), PIC Diagnostic Centre (0.0%), Nojum (0.0%), Biolab (0.8%), Check Ups (0.3%), Life Link (0.2%), Mapourdit Ag-RDT (0.0%), Makpandu GXP (11.1%), Hakima Yacoub Ag-RDT (16.7%), Pariang Ag-RDT (0.0%), Old Fangak Ag-RDT (11.1%), MSF Juba Ag-RDT (14.3%), IOM-Bentiu (0.0%), Nyal Ag-RDT (23.7%), IOM-Nimule (0.0%), and Pamir Ag-RDT (8.3%)
- Positivity yield is 11.1% from the GXP sites (only from Makpandu PHCC), 10.2% in the Ag-RDT sites, 0.7% at the NPHL, 3.3% in Nimule, and 0.6% in the private laboratories

Figure 5: SARS CoV-2 PCR test results by week

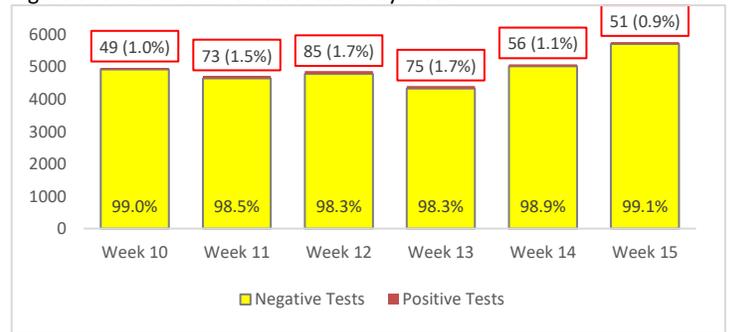


Figure 6: SARS CoV-2 PCR test results and positivity by site (Juba & Nimule)

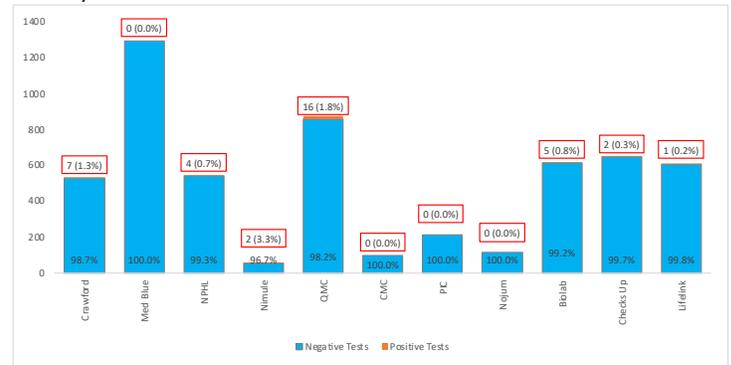
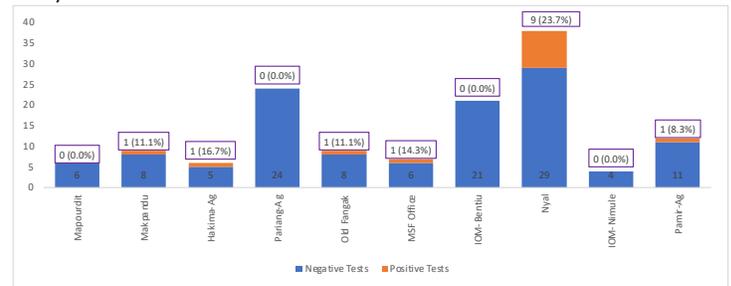


Figure 7: SARS CoV-2 test results and positivity by site (GXP & Ag-RDT sites)

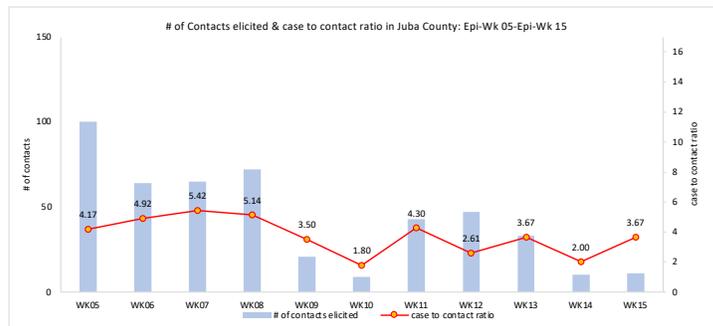




### Contact Tracing

- None of the 51 cases recorded this week came from contact tracing
- 33 cases confirmed in Juba County were distributed to ICAP for contact listing and tracing during this week
- 18 (54.5%) of the 33 cases were eligible for contact listing (i.e., had valid phone numbers), 3 (16.7%) of whom provided 11 contacts, providing a case to contact ratio of 1:3.7
- 1,461 contacts were under active follow-up during the week while 39 contacts completed their follow-up period this week
- Samples were collected from 8 contacts in Juba this week, none of whom tested positive for COVID-19
- Main barriers to enrol contacts continue to be:
  - Unwillingness of cases to list contacts
  - Incorrect contact addresses
  - Contacts not answering their phones

Figure 8: Contacts elicited and case to contact ratio in Juba County: Week 5 -Week 15



### Hotline/Alerts

- One potential COVID-19 alert through hotline in Week 15 (up from zero in Week 14)
- The alert came from Central Equatoria, was verified, and interviewed by the rapid response team (RRT), and a sample was collected
- 16 alerts and suspected cases tested positive for COVID-19 this week
- Cumulatively, 3,552 alerts have been reported, 3,421 (96.3%) were verified, and 3,338 (97.6%) sampled
- Alerts to the hotline account for 0.9% of total samples tested in the country
- Alerts outside of Central Equatoria are limited

Figure 9: Alert hotline cascade — Week 15

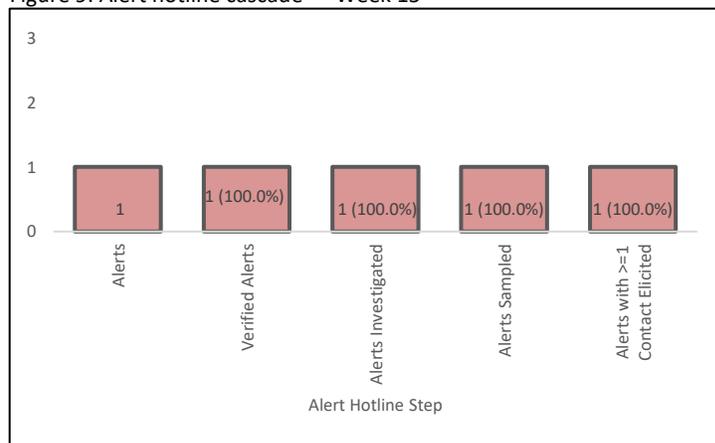
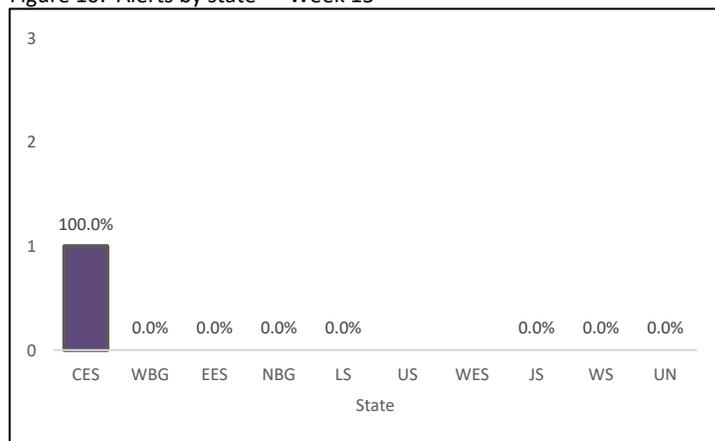


Figure 10: Alerts by state — Week 15



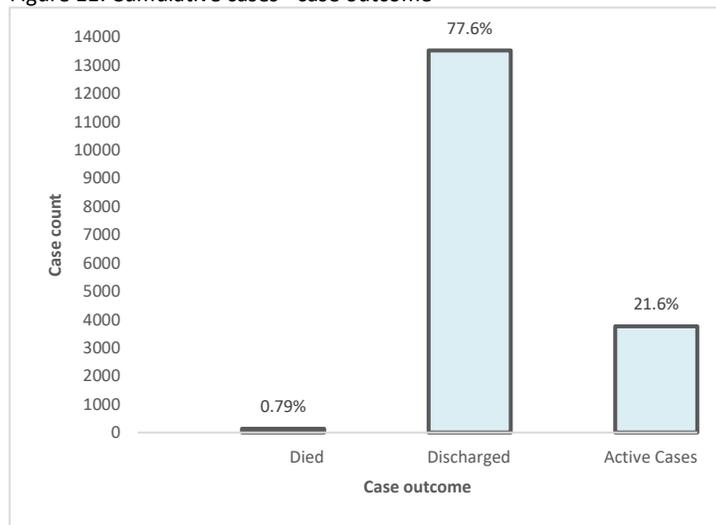


### Case Management

- 26.5% of cases managed at home, with 0.1% at health facilities
- 73.3% of cases are missing case management type at first contact although almost all of these were likely managed at home
- 13,514 (77.6%) of cases were discharged as of Week 15, with 3,752 cases (21.6%) under active follow-up
- 138 cases died, a CFR of 0.79%

Case management at first detection	#	% of total cases
Home management	4,581	26.5%
Hospital	20	0.1%
Isolation center	4	<0.1%
UN health facility	2	<0.1%
UN home management	3	<0.1%
Died	10	0.1%
Unknown	12,684	73.3%

Figure 11: Cumulative cases - case outcome



### Risk Communication and Community Engagement (RCCE)/Point of Entry (POE)

- The following achievements were registered during Week 15 under the risk communication and community engagement (RCCE) pillar:
  - Community-based contact tracers supported by ICAP, provided information about COVID-19 to 14 persons this week
- Main challenges for the RCCE pillar include:
  - Community non-compliance with COVID-19 preventive measures
  - Stigmatization of COVID-19 prevents people from reporting suspected cases to the hotline
- POE data are for the Nimule land crossing which only screens arriving travelers
  - 2,959 (2,115 males; 844 females) were screened this week
  - Most of the travelers screened were truck drivers (1,251), returnees (1,073), and other nationals other than truck drivers (635)
  - Returnees from refugee camps do not undergo quarantine and are not required to present a negative PCR test COVID-19 certificate but those with COVID-19 related symptoms are tested using antigen rapid diagnostic tests (Ag-RDTs)
  - Other nationals and truck drivers are required to present valid negative PCR test COVID-19 certificate to enter South Sudan

### COVID-19 Vaccination

- 2,121,370 vaccine doses received to-date
- Vaccination is currently ongoing for the J&J vaccine in 80 counties and 667 health facilities
- 668,672 doses administered as of 20 April 2022
  - 576,431 fully vaccinated (48,286 with two AZ doses, 528,145 with single dose of J&J)
- 33,337 healthcare workers fully vaccinated
- 49.2% vaccine uptake in the eligible female population
- 850 cumulative adverse events following immunization (AEFI) reported
  - 760 minor AEFI
  - 90 severe AEFI

Figure 12: Vaccination dashboard – South Sudan





**Epi week: 15**

**Date: 11 — 17 Apr 2022**

**For more information, please contact the South Sudan Public Health Emergency Operation Centre [PHEOC]**

Email: [sspheoc@gmail.com](mailto:sspheoc@gmail.com)

Tel #: +211 925 851 662/+211 917 235 355

For additional information follow these links:

[http://moh.gov.ss/daily\\_updates.php](http://moh.gov.ss/daily_updates.php)

<http://moh.gov.ss/covid-19.php>

**Note: COVID-19 testing in South Sudan is free of charge for alerts, contacts of cases, and suspected cases**