

Thrive360

Vaccine Stock Performance, iSC challenges,
mitigation and responsive VMS actions

unicef 
for every child

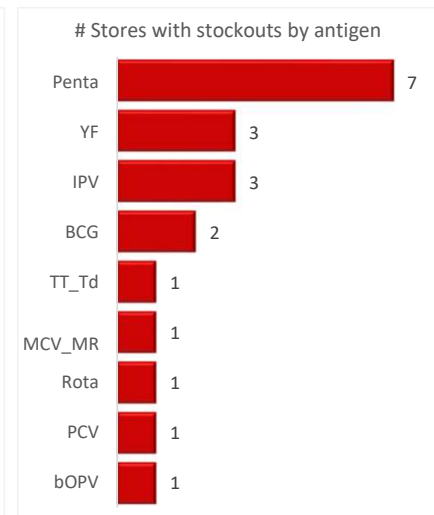
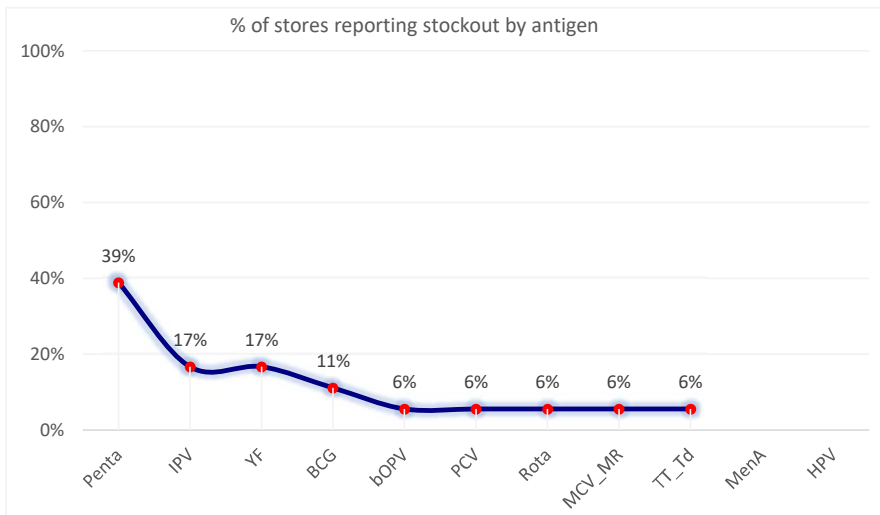
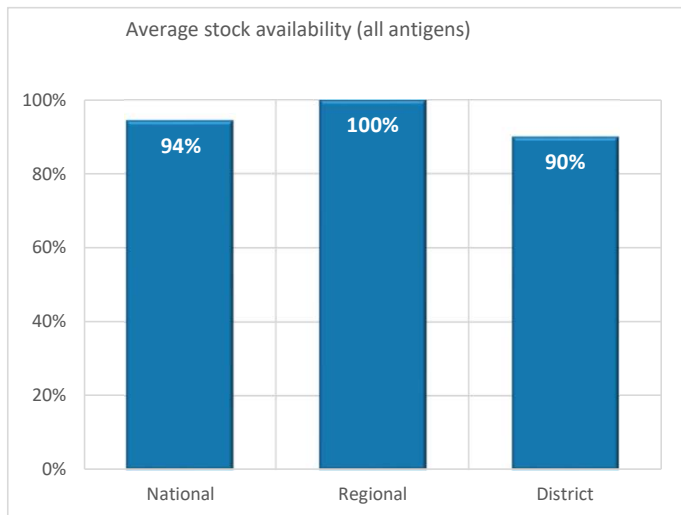
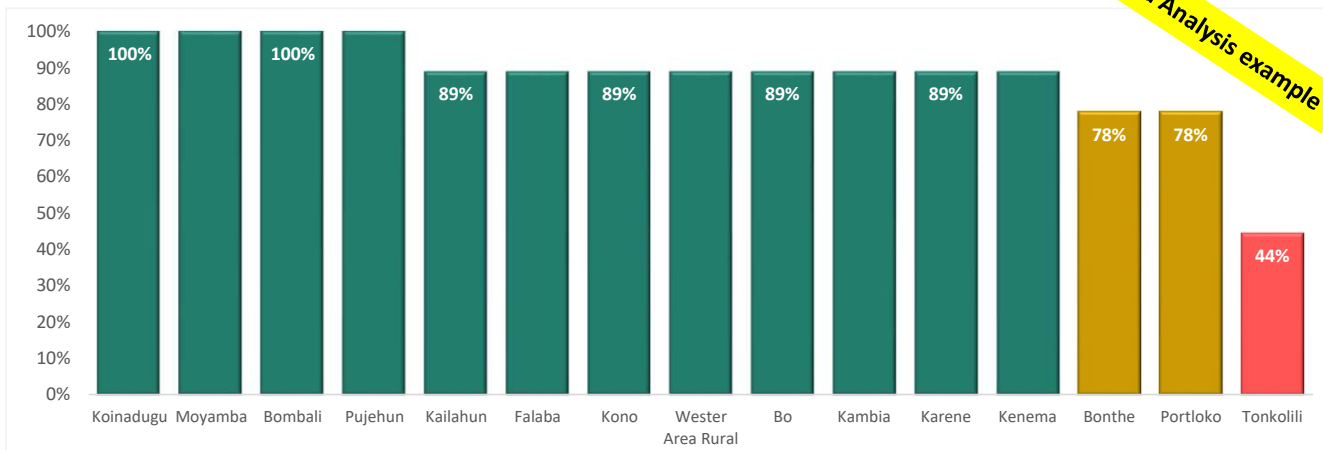
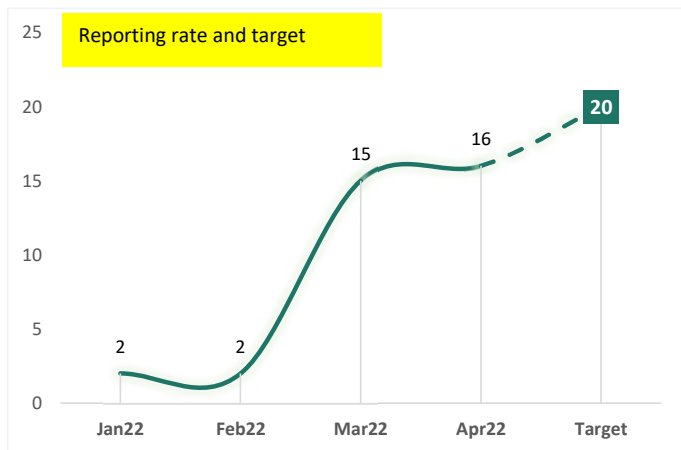


08 June 2022

Sierra Leone – Stock Situation at National, Regional and District levels

Thrive360 Data Analysis example

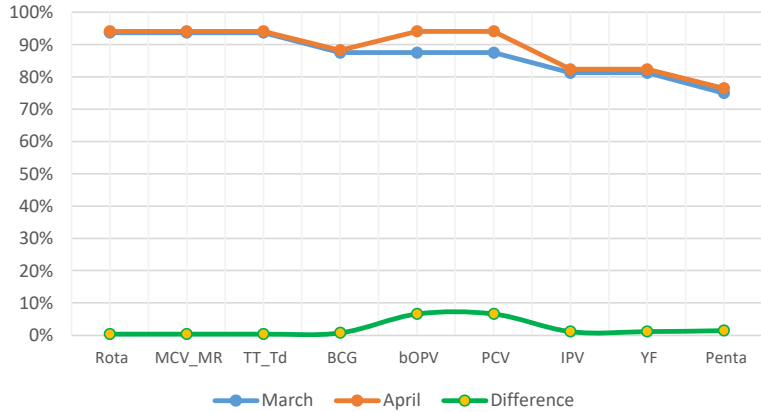
Stock availability at subnational levels



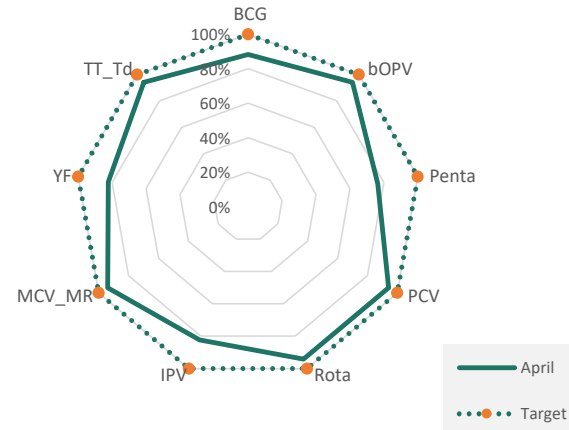
Sierra Leone – Stock Performance Compression

Thrive360 Data Analysis example

Stock Performance between March and April 2022

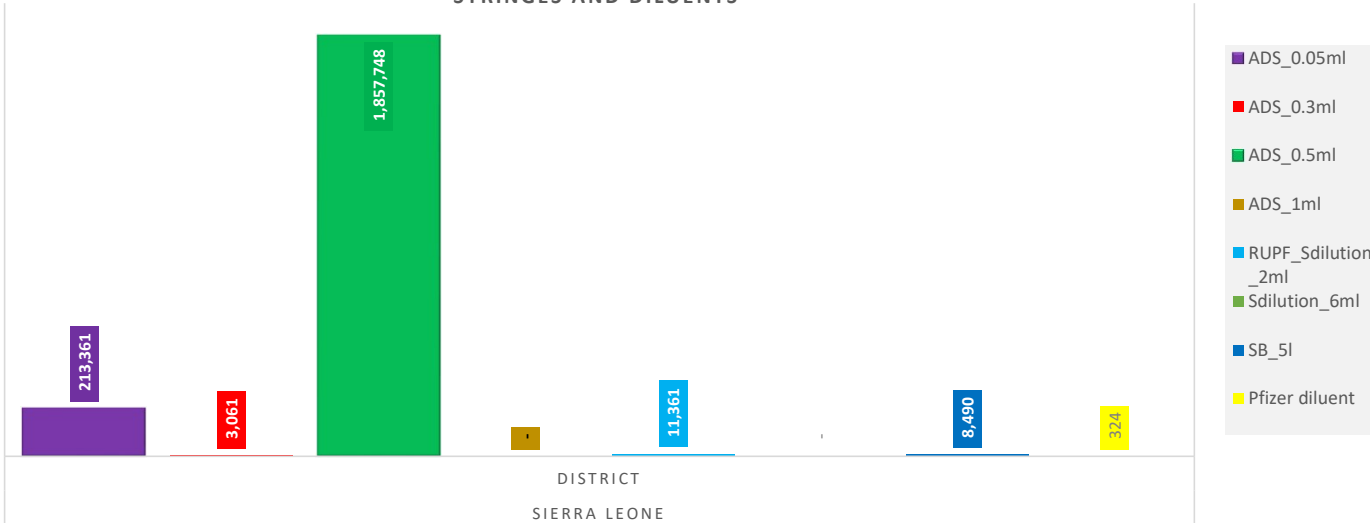


Stock Availability vs Target

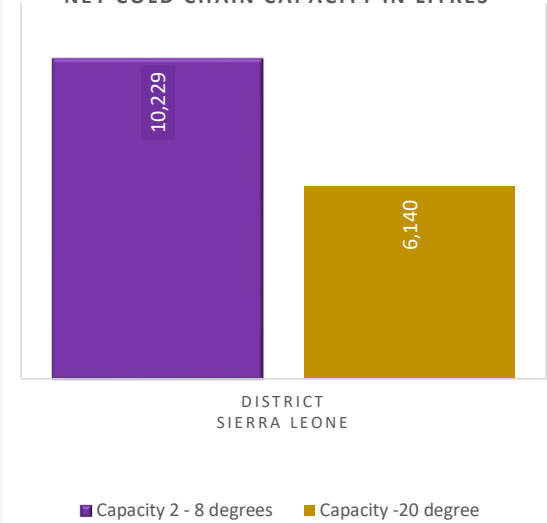


Antigen	March	April	Target
Rota	94%	94%	100%
MCV_MR	94%	94%	100%
TT_Td	94%	94%	100%
BCG	88%	89%	100%
bOPV	88%	94%	100%
PCV	88%	94%	100%
IPV	81%	83%	100%
YF	81%	83%	100%
Penta	75%	78%	100%

SYRINGES AND DILUENTS

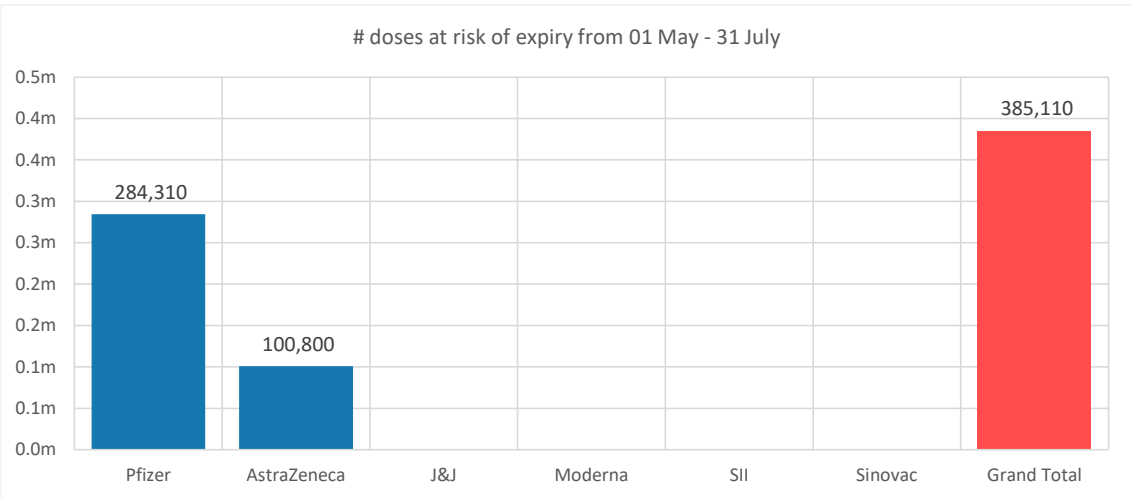
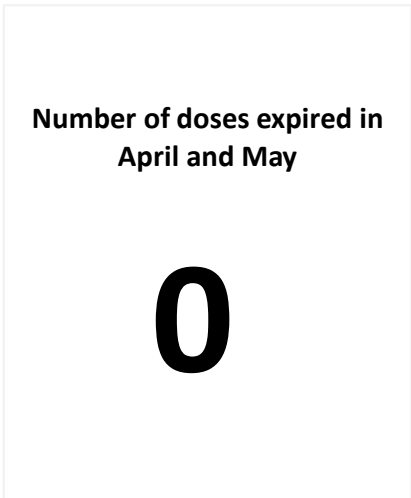
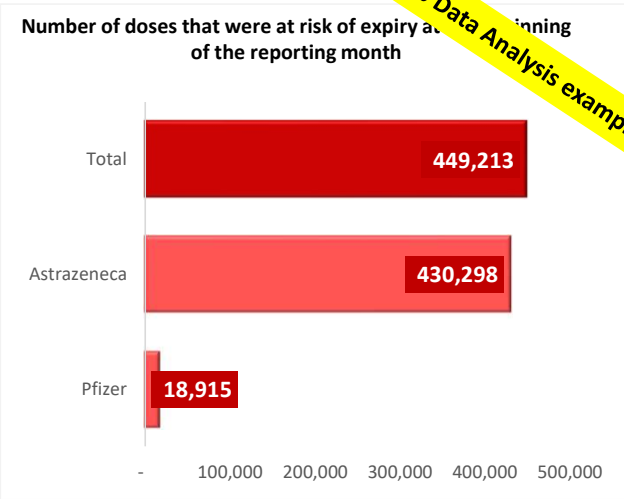
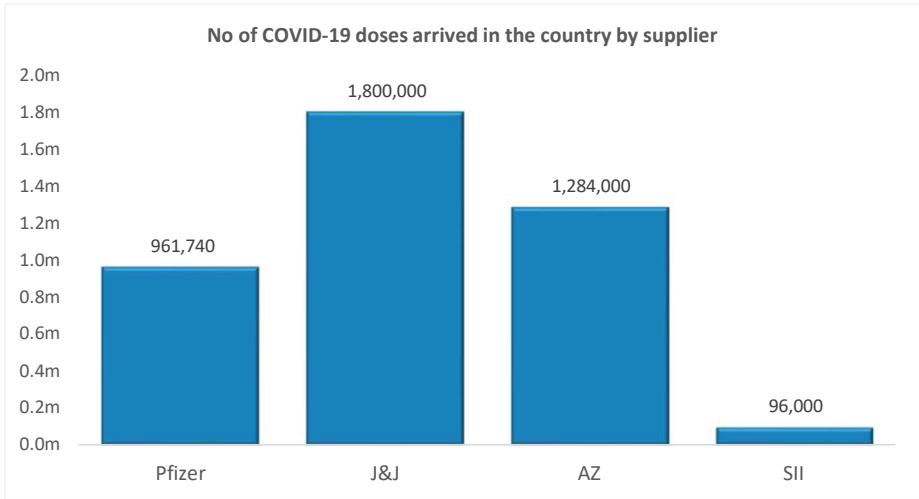


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Sierra Leone – COVID-19 Shipments, Expiry tracking and Wastage

Thrive360 Data Analysis example



Sierra Leone: iSC challenges, risks and mitigation



Major iSC risks

- Waste generated by COVID-19 activities, especially at health facility levels.
- Over 200,000 doses of AstraZeneca vaccines are set to expire. Over 400,000 doses will expire in the next 60 days.
- Decreasing risk perception slowing vaccine utilization. Two malfunctioning WIFs

Mitigation efforts

- Another mop-up campaign conducted to avoid expiry of large quantities of vaccines
- Technician engaged to repair the WIFs
- Funds were mobilized to improve Covid-19 vaccine coverage and utilization.

Action points

- Follow up with reports on the status of expiring vaccines.
- Follow up with the repair of WIF
- Finalize Stock balance.



Stockouts (in the next 60 days)

- A quarter of the stores reported stockouts of Penta
- About a fifth of the stores reported zero or less than 300 doses of IPV, Yellow fever, bOPV and PCV

Reasons

- Poor data visibility
- Delay in PO appraisal
- Poor implementation of Min, max and reorder

Mitigation

- Purchase order for Penta raised by CO
- Online SMT is being deployed to improve RI visibility and accountability



Major VMS contributions

- a. Supporting the NLWG/EPI in strengthening stock management systems and downstream distribution planning.
- b. Supporting Forecasting and linkages to CO for shipment planning
- c. Supported the MOH to capture vaccine stock at the National level into the eSMT platform.
- d. Supported EPI programme to forecast the AVAT COVAX vaccine for 2nd and 3rd quarter.
- e. Supported coding of the health facilities into the EVM assessment template