

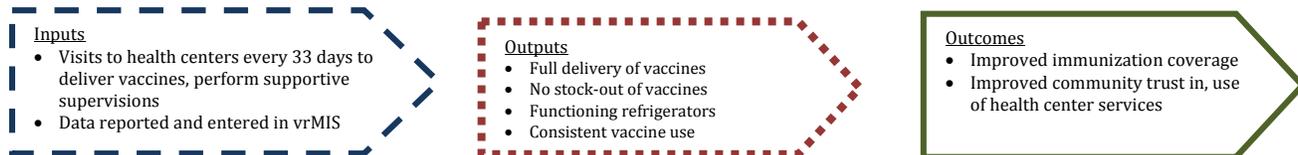
# Mozambique Dedicated Logistics System Performance Report

Provinces: Cabo Delgado, Niassa, Maputo, Gaza

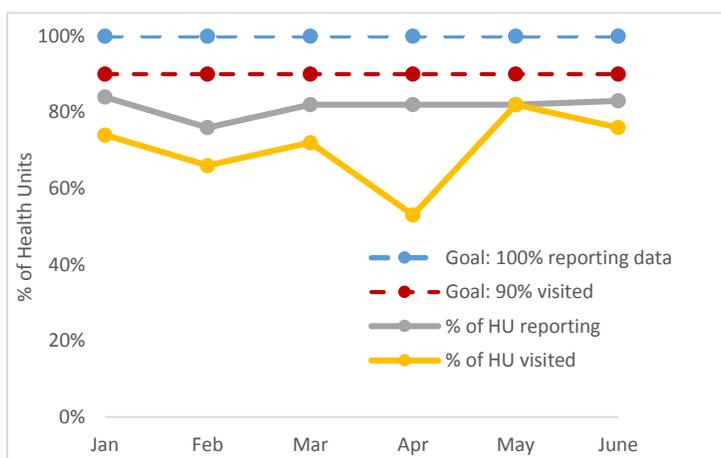
Reporting Period: January – June 2014

Scale: 379/454 immunization posts

This Performance Report summarizes of Dedicated Logistics System (DLS) routine performance metrics and findings from a process evaluation for the province(s) and period identified above. These metrics focus on the Inputs and Outputs identified in the DLS logic model shown below. Outcome metrics are measured through point-in-time surveys every three years and are not included in the graphs below. In Gaza, the DLS only delivers to 73% of immunization posts, and Cabo Delgado reaches 67%. As a result, this performance report covers 379 of 454 immunization posts in the four provinces.

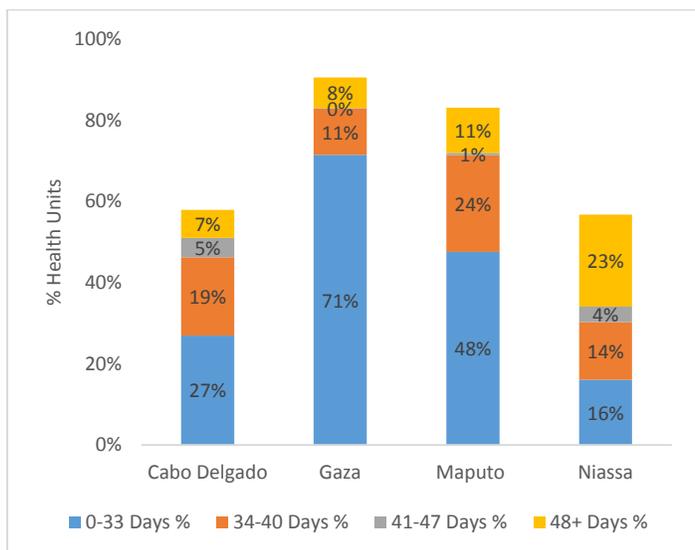


## Inputs: Health Centers Visited and Data Reported



- ↑ The percent of health centers reporting has remained steady throughout the year and has improved over last year's performance review.
- ↓ The slight decrease in health units visited in February is due to the rainy season impeding accessibility to rural areas, as is the trend every year.
- ↓ There was no distribution in Niassa in April due to the government vehicle not being available. This negatively impacts the overall rate of health units visited during that month.

## Inputs: Avg. Delivery Intervals for Health Centers Visited, by province



When disaggregating the delivery interval by province, it is clear that Maputo and Gaza provinces are better performing provinces.

- ↑ Maputo and Gaza generally achieve delivery within 40 days while maintaining low levels of stock outs.
- ↑ Niassa has made significant improvements during the first semester of this year as compared to last year's performance: an average of 57% of health units visited this semester compared to last year's average of 29%. Accessibility and vehicle availability negatively influence the delivery intervals, which remains an area for improvement.
- The performance in Cabo Delgado has remained steady since last year's review: visits to about 60% of health units with a similar break-down in delivery intervals. Particular challenges in this province are financial flow and health unit accessibility.

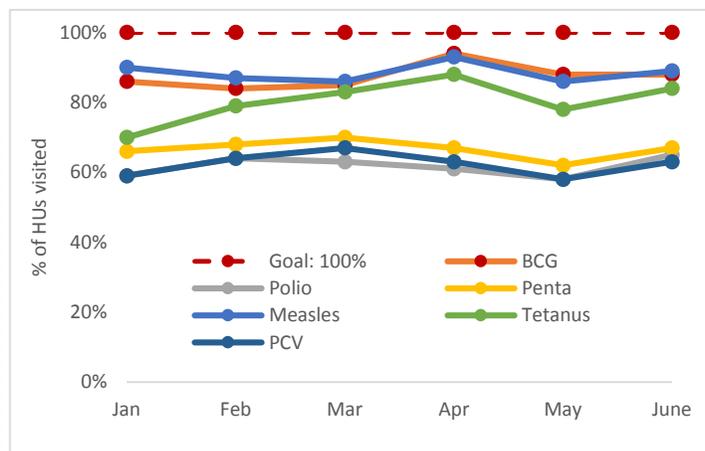
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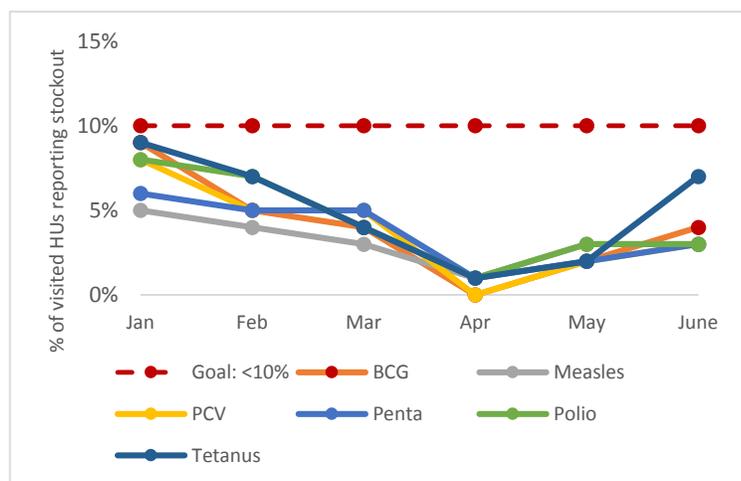
## Outputs: Full Delivery of Vaccines



The first six months of 2014 has experienced a steady and stable trend of full delivery of vaccines. While the target is 100%, we recognize the ideal stock amount used for this indicator may not be exact due to inaccurate population data, making a 100% target impossible to achieve. Delivery amounts are based on real-time data at delivery; as such, a stable trend indicates regular distribution and utilization, despite not reaching 100%. Another shortcoming is this indicator does not capture health centers not visited.

↓ In April, Niassa only reached one health unit; that health unit received 100% full delivery as is reported here. What is not captured is the more than 100 health units that were not visited and so received no delivery.

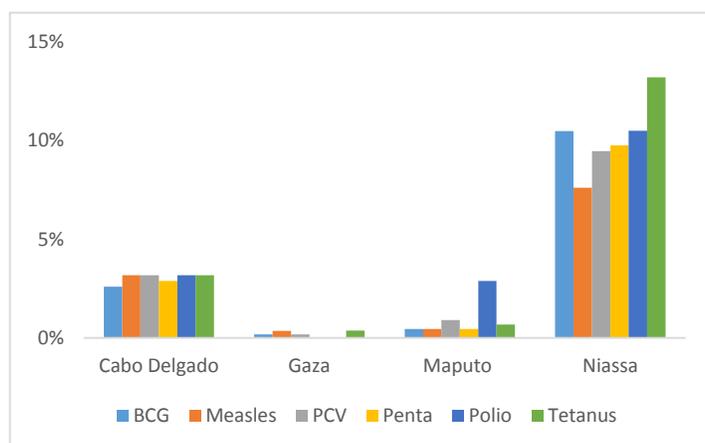
## Outputs: Stock-outs by Vaccine



↑ Stock-outs have remained stable and less than 10% for each vaccine during the first six months of this year.

↓ Due to the lack of distribution in Niassa in April, the significant decrease in stock-outs reported that month is not a realistic reflection as this does not capture information from health units not visited.

## Outputs: Avg. Stock-Outs of Vaccines, by province



As with other indicators, analyzing the data by province indicates where true gaps in performance lie.

↑ Maputo and Gaza have maintained a very low average of stock-outs of all vaccines during this period.

↑ Cabo Delgado has improved its average of stock-outs from last year's review, maintaining stock-outs at less than 3% for this semester, compared to a 9% average for last year.

→ Niassa continues to have problems with stock-outs, although it is slightly improved over last year's review. The average percent of stock-outs falls between 8% (measles) and 13% (tetanus).

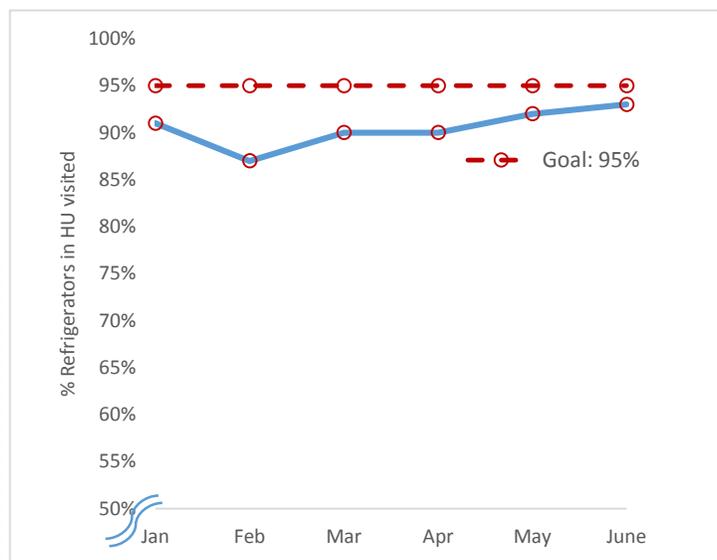
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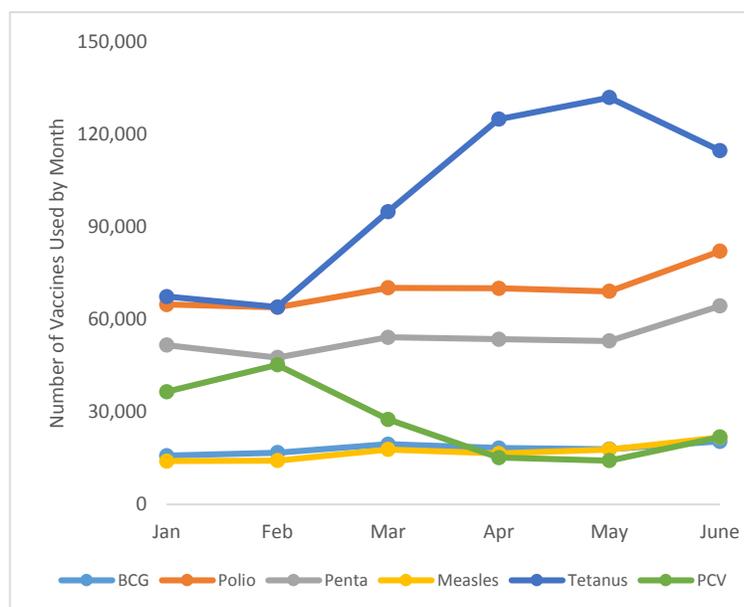
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## Outputs: Functioning Refrigerators



- ↑ Cabo Delgado resolved issues with some of its non-functioning refrigerators during this period and only have two that were not operational at the end of the semester.
- ↓ About 20% of refrigerators in Niassa are not functioning at any given time. The most challenging issue is having spare parts for maintenance of the refrigerators.
- At the end of the semester, 95% of refrigerators in Maputo were functioning after several were fixed during this time period; immunizations continue in the health units without a cold chain by using cold boxes picked from the district that can maintain vaccines for a week.
- Gaza consistently has a strong cold chain, yet problems remain with a lack of replacement batteries for solar refrigerators.

## Outputs: Vaccines Used



- ↑ Vaccine utilization has been relatively stable during this reporting period with two reasonable exceptions:
  - The increase in tetanus utilization in March through June reflect the school year and the school-based approach to targeting girls for this particular vaccine.
  - PCV experienced a drop in March as it is leveling off since introduction.
- ↑ Despite not having a distribution in Niassa in April, vaccine administration continued, as reflected by steady numbers across these six months. Niassa has improved its reporting from health units not visited, thus this information is more readily available.