

Mozambique Dedicated Logistics System Performance Report

Provinces: Cabo Delgado, Niassa, Maputo, Gaza

Reporting Period: January – September 2012

Scale: 405/437 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 73% of immunization posts. As a result, this performance report covers 405 of 437 immunization posts in the four provinces.

Inputs

- Visits to health centers every 33 days to deliver vaccines, perform supervisions
- Data reported and entered

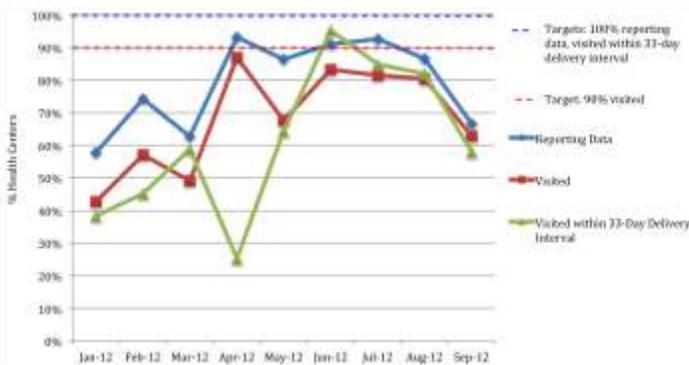
Outputs

- Full delivery of vaccines
- No stock-out of vaccines
- Functioning refrigerators
- Consistent vaccine use

Outcomes

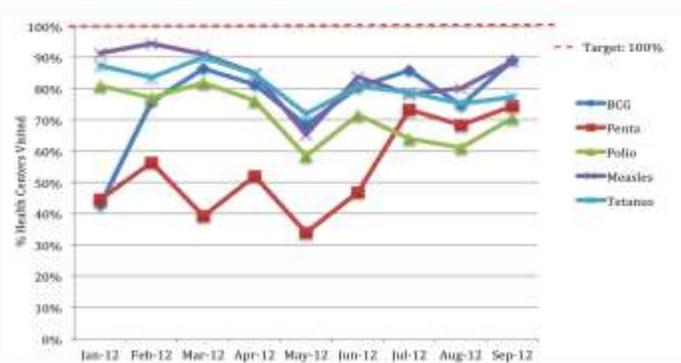
- Improved immunization coverage
- Improved community trust in, use of health center services

Inputs: Health Centers Visited and Data Reported



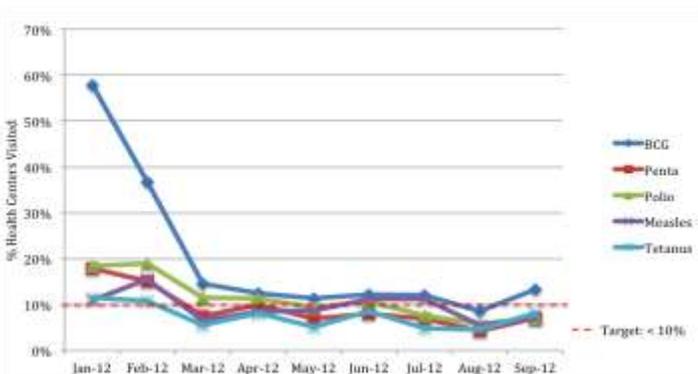
- ➔ Overall delivery and visit rates appear lower in some months because a province did not report any data for a particular month. This is mainly due to distributions not occurring, occurring very late in the month, or data not completely entered for a province for a specific month.
- ➔ 33-day delivery interval rates are erratic owing to inconsistent delivery schedules, distributions occurring late in one month and carrying over to the next month, or data reported for one distribution spread over two months.

Outputs: Full Delivery of Vaccines



- ➔ Full delivery of vaccines fall below the target rate for all vaccines. Population and ideal stock numbers need to be reviewed and revised for all health centers in all provinces to make this graph more accurate and meaningful.

Outputs: Stock-outs by Vaccine



- ↑ The level of stock-outs by vaccine has decreased over the reporting period. These efforts are a result of more regular distributions taking place across all four provinces, even if some distributions are delayed.

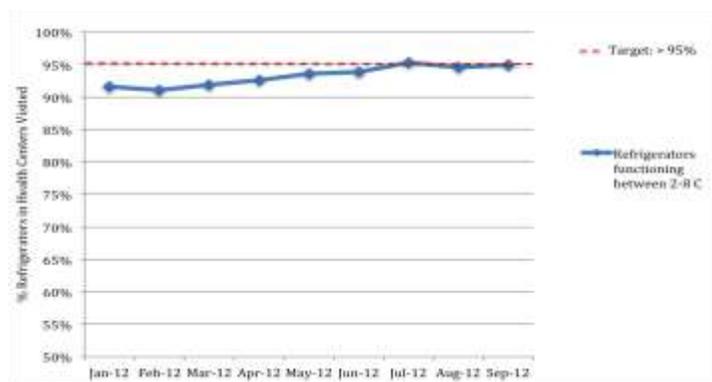
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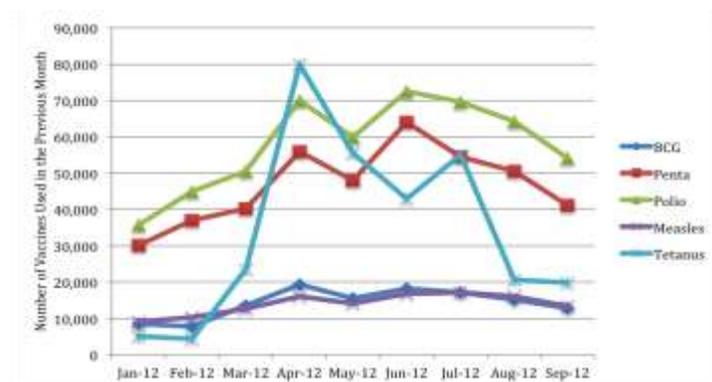
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Outputs: Functioning Refrigerators



↑ The proportion of properly functioning refrigerators in all health centers visited has improved over the reporting period. This result is attributed to increased communication and resolution of refrigerator problems by some field coordinators and new refrigerators allocated to some districts by the government energy agency.

Outputs: Vaccines Used



↑ Vaccines used since January 2012 has remained approximately the same for BCG and measles over the reporting period while pentavalent and polio have seen moderate and slight increases respectively.

↑ Tetanus campaigns partially explain the spikes in tetanus use in April and July. Unlike other vaccines, tetanus is not just administered in the health centers but also in schools creating variable monthly targets based on distribution plans.