

Leh Wi Lan

Improving Secondary Education in Sierra Leone

Monthly School Monitoring Dashboard Report

May 2018



Government of Sierra Leone
Ministry of Education, Science
and Technology



Background and intention

Intention

- This School Monitoring Dashboard Report is intended to summarise monthly data coming from School Support Officers but also incorporates Supervisors and other relevant data from district and national levels. It intends to present all information in an easy to understand format to decision makers at district and national levels.
- The report focuses on information coming from School Support Officers and their lesson observations, giving crucial insights in teaching and learning practices and the adoption and application of lesson plans.
- The report does not intend to repeat data presented in other reports, except where it is included for context. At district level, data dashboards do aim to integrate data from different sources such as Supervisors and Situation Room where previously unavailable.
- This dashboard report is intended to only include data that is likely to change month on month. What is covered by the dashboard report will expand as data collected by SSO increases over time.

Dashboard compilation

- Data is collected and aggregated at District Level by District Support Officers.
- This data is then sent to the Leh Wi Lan head office where all district data is compiled and aggregated. The two outputs are a monthly district data dashboard and this monthly school monitoring dashboard report.
- The district monthly data dashboard integrates data from three sources (situation room, supervisors and SSOs) as this helps facilitate district understanding of all data. However, the data contained here only focuses on SSO data as efforts are being made to integrate the other two data sources.

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Section 1 – Executive Summary



Monthly highlights

Highlights

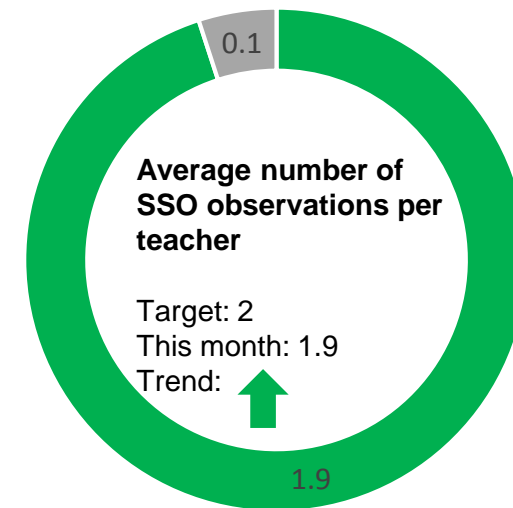
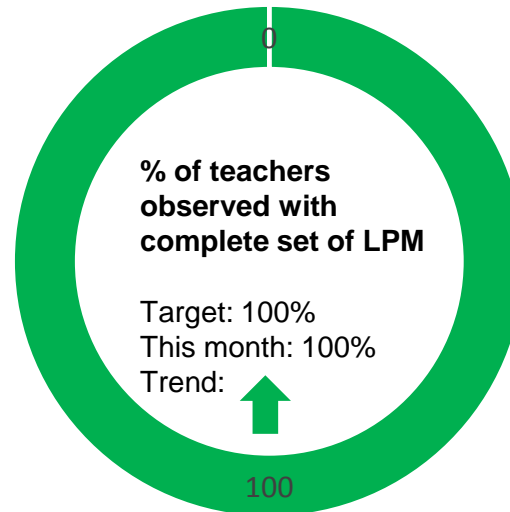
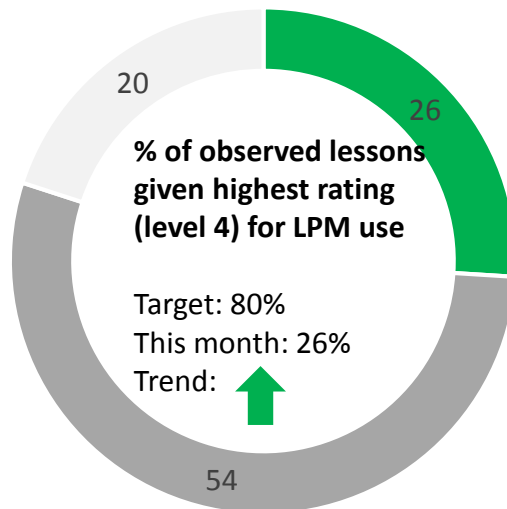
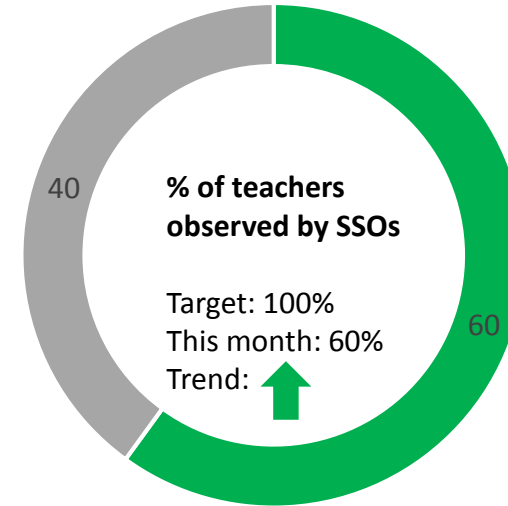
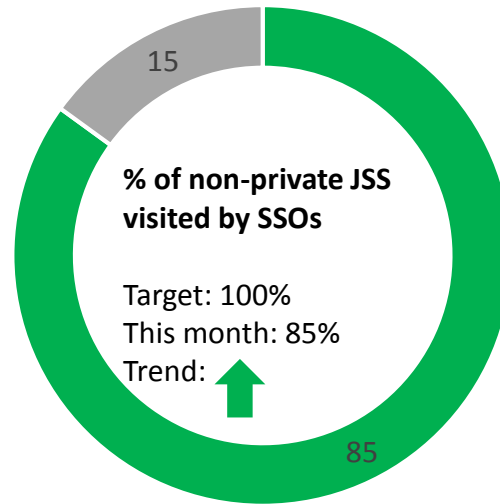
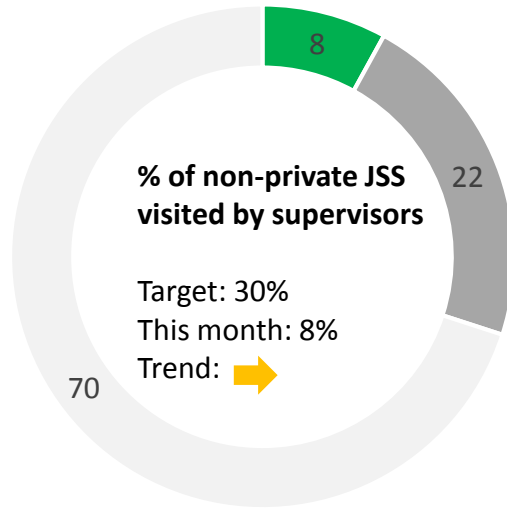
- In May support to schools from SSOs returned to pre-election levels as predicted last month, recovering from a slump experienced in March and April respectively. At national level all major indicators trended positively this month which is very good news.
- This month saw a significant increase nationally in the level of support SSOs provided to both schools and individual teachers. The number of schools supported topped 85%, recording a 23% increase from what we saw in the previous month. Similarly the number of teachers supported for this same period rose by 18%, topping 60% as compared to just 42% recorded for the previous month.
- Average observations conducted per teacher hit 1.9 observations in May, almost reaching the overall target of the project (2.0).
- No JSS teachers in non-private schools are now missing lesson plans, based on data from May following the reprinting and dissemination of lesson plans, which is a significant milestone in promoting usage.
- The number of teachers using LPMs and rated 3 or 4 in observations slightly increased by 3% from 78% to 81%, which is encouraging. Overall, the data indicated that almost all teachers are now using LPMs with only 4% of lessons observed not seeing lesson plans used at all.

Areas needing improvement

- Efforts can still be doubled to ensure all teachers are using LPMs effectively to improve teaching and learning. Only just over 25% of lessons were given a ranking of 4, indicating that preparation using lessons plans can still be improved.
- Although observations per teacher at 1.9 per month is the best performance yet this disguises some large geographical variations and given that only 60% of teachers are being observed suggests that some teachers are being observed several times a month whereas others are not being supported at all. Improving the proportions of teacher observed must be an immediate priority.
- There is a need to expand the data in the dashboard to include more insight from SSOs and also mobilise supervisors to capture their insight better. This will be an aim over coming months, in particular when data from the Tangerine Tablet system makes this easier.

Key Targets Summary

- Monthly achievement
- Target remaining
- Above target



Dashboard related issues

Key monitoring issues this month

- Some work with DDEs and school heads required to promote use of information from dashboard and SSO feedback to address learning outcome gaps in schools.
- Addressing the low rate of JSS school visits by supervisors continues to surface as efforts are being made to implement a support package to DEOs which includes mobility for supervisors.
- The proportion of teachers preparing lessons in advance of delivery using lesson plans (currently rated as performance band 4) needs to increase. Further support including involvement of Principals and heads of department will be considered in coming months.

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Section 2 – SSO visits to schools

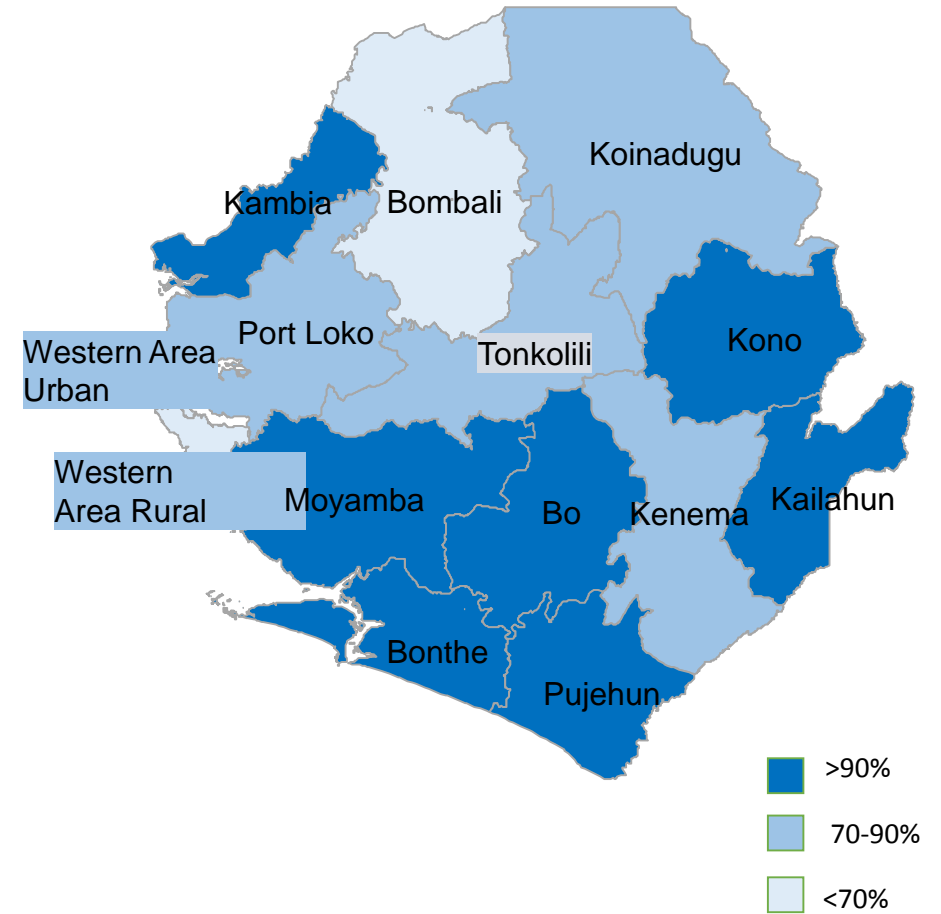
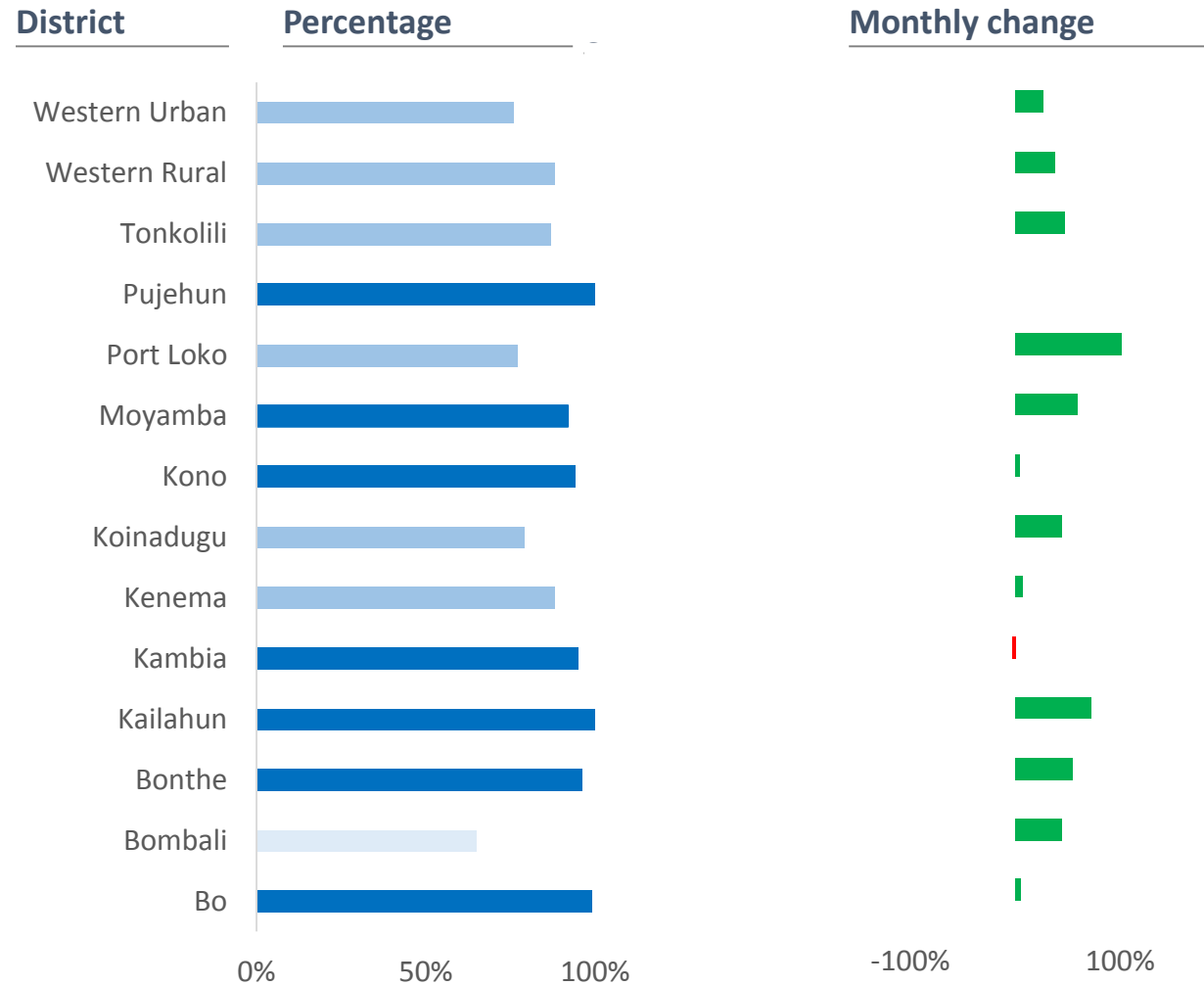


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Non-private JSS school visited by SSOs, by District, for May

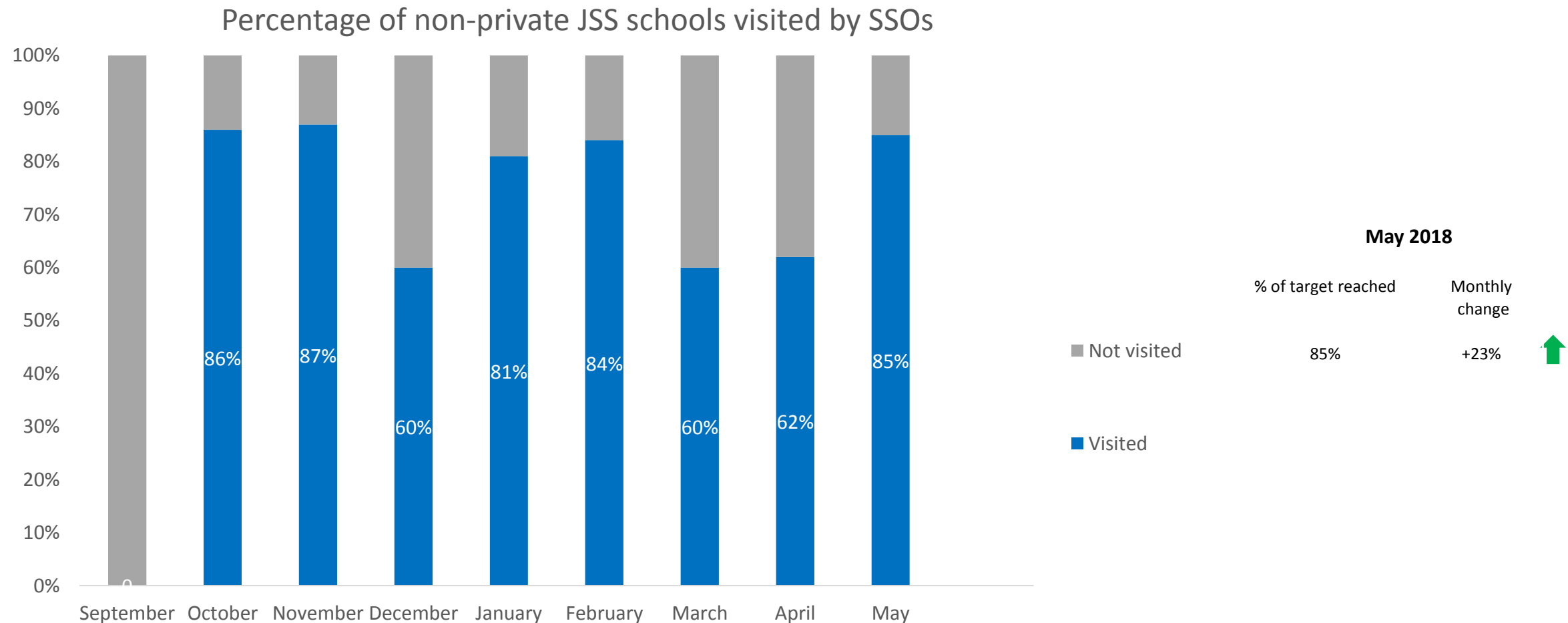
Schools visited by SSOs last month, % of total non-private schools in district



Source: SSO data collated by DSOs

Percentage of non-private JSS schools visited by SSOs nationally, by month

SSO school visit levels increased significantly after the election-related slump in the last two months



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Section 3 – Supervisor visits to schools



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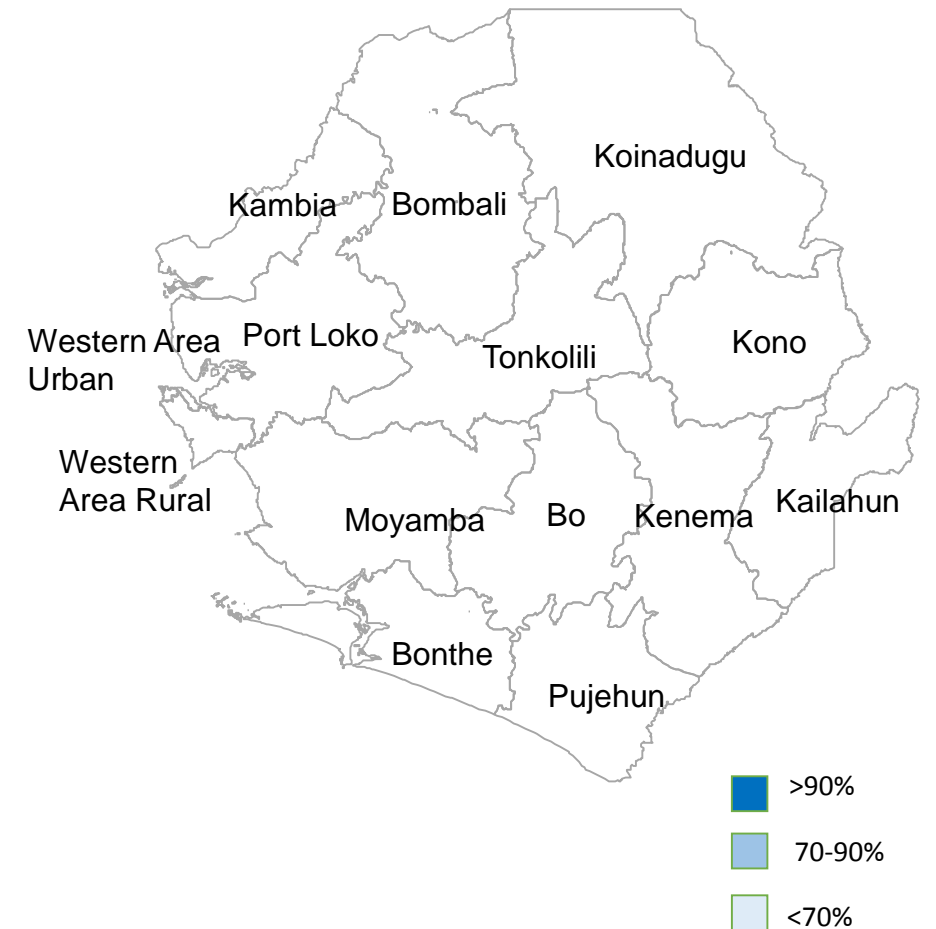
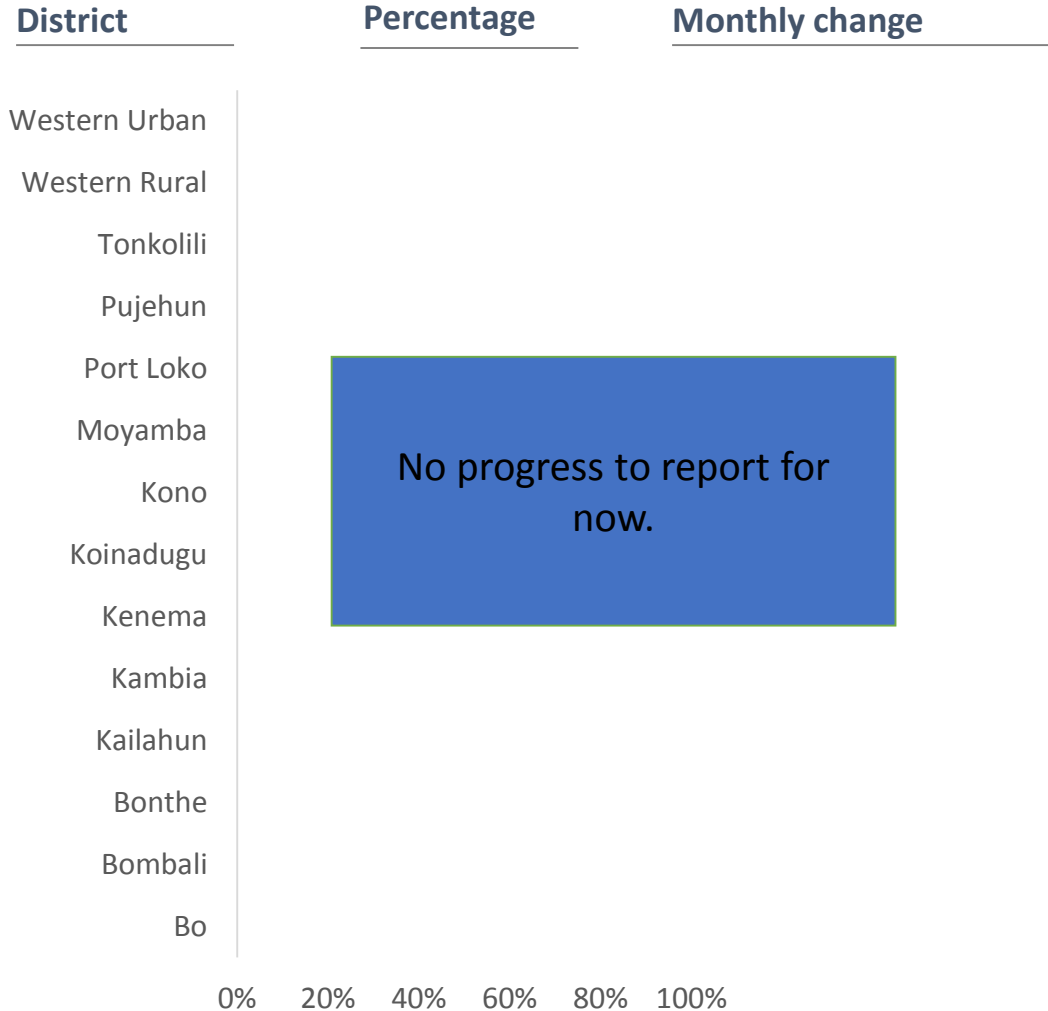


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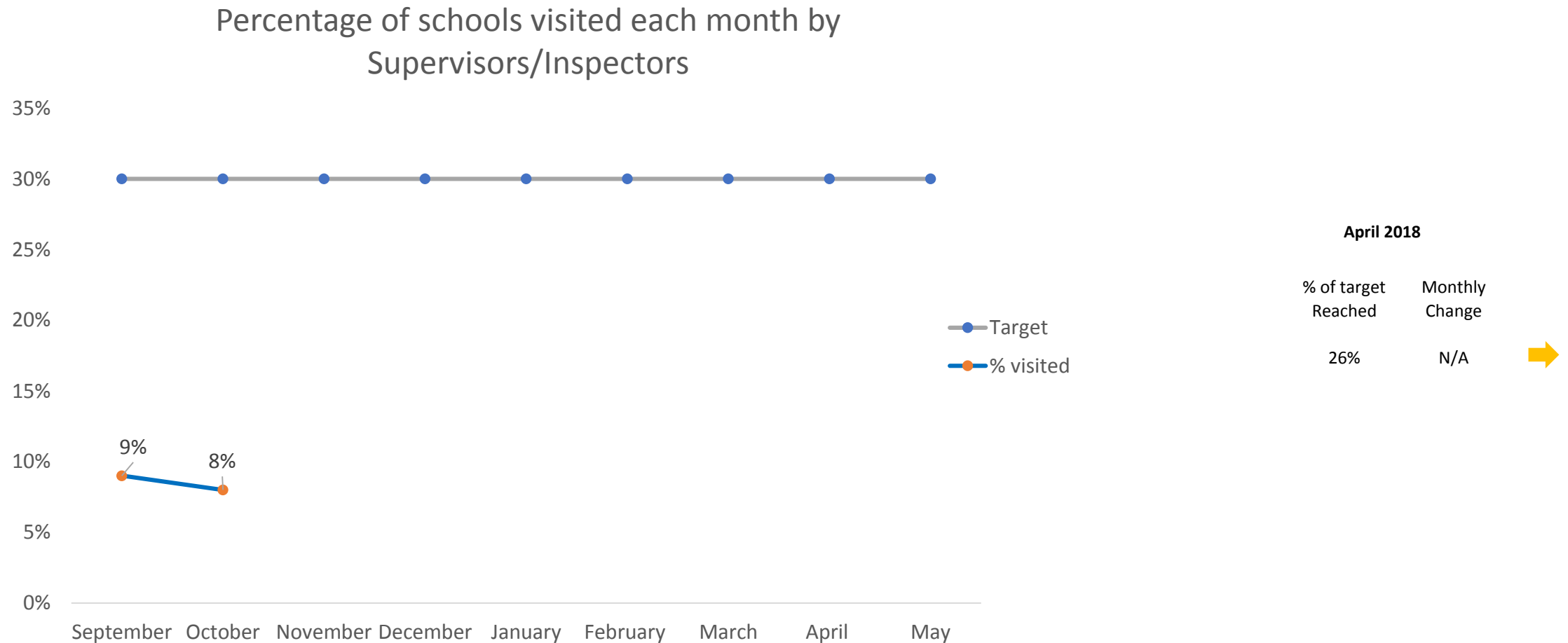
Percentage of JSS schools visited by supervisors, by District, for May

JSS schools visited by supervisors last month, % of total non-private schools in district



Percentage of JSSschools visited by supervisors nationally by month

There has been no detailed data on supervisor school visits since October and so progress is unclear



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Section 4 – SSO observation of teachers

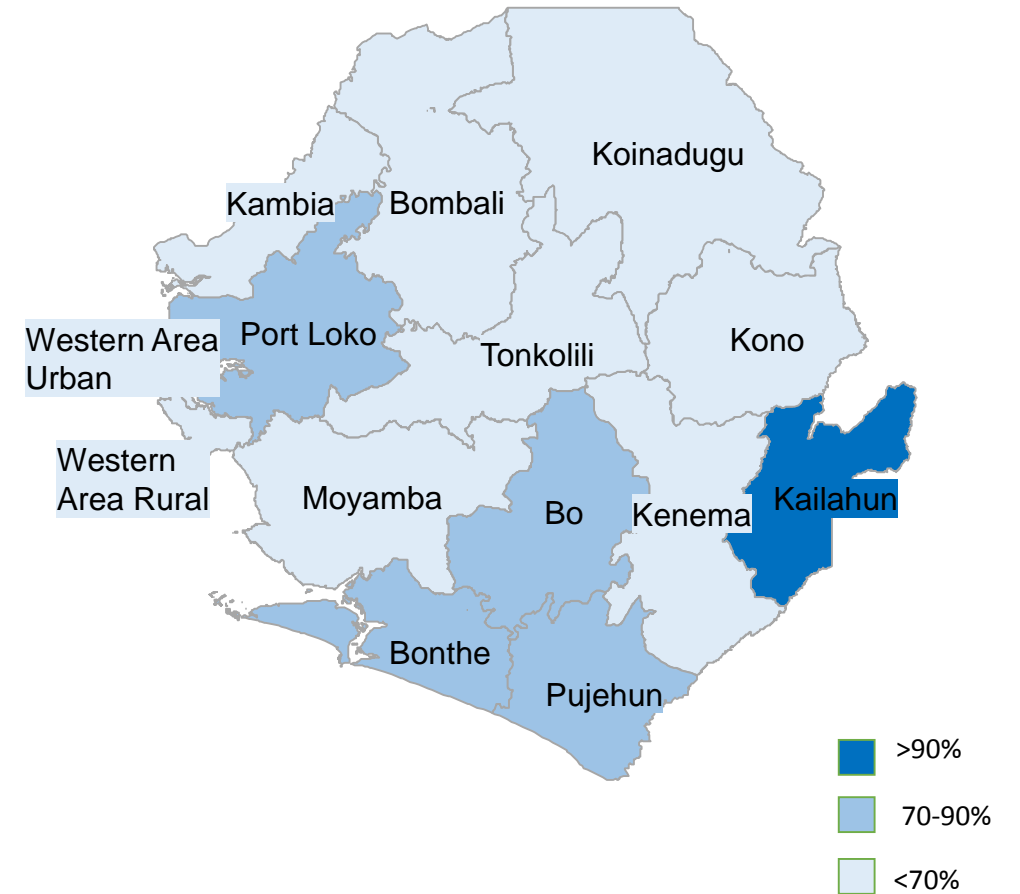
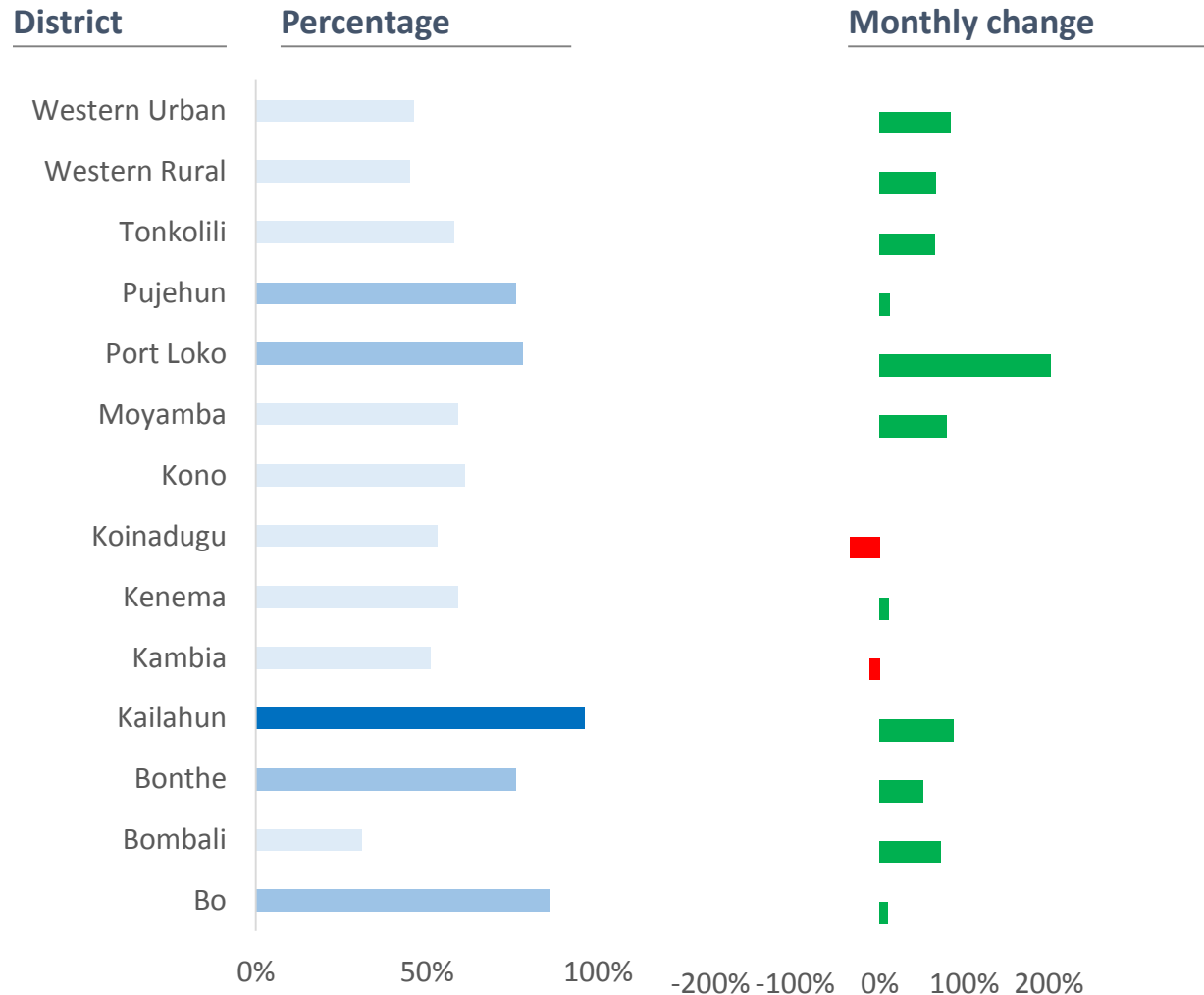


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Percentage of JSS teachers observed by SSOs, by District, for May

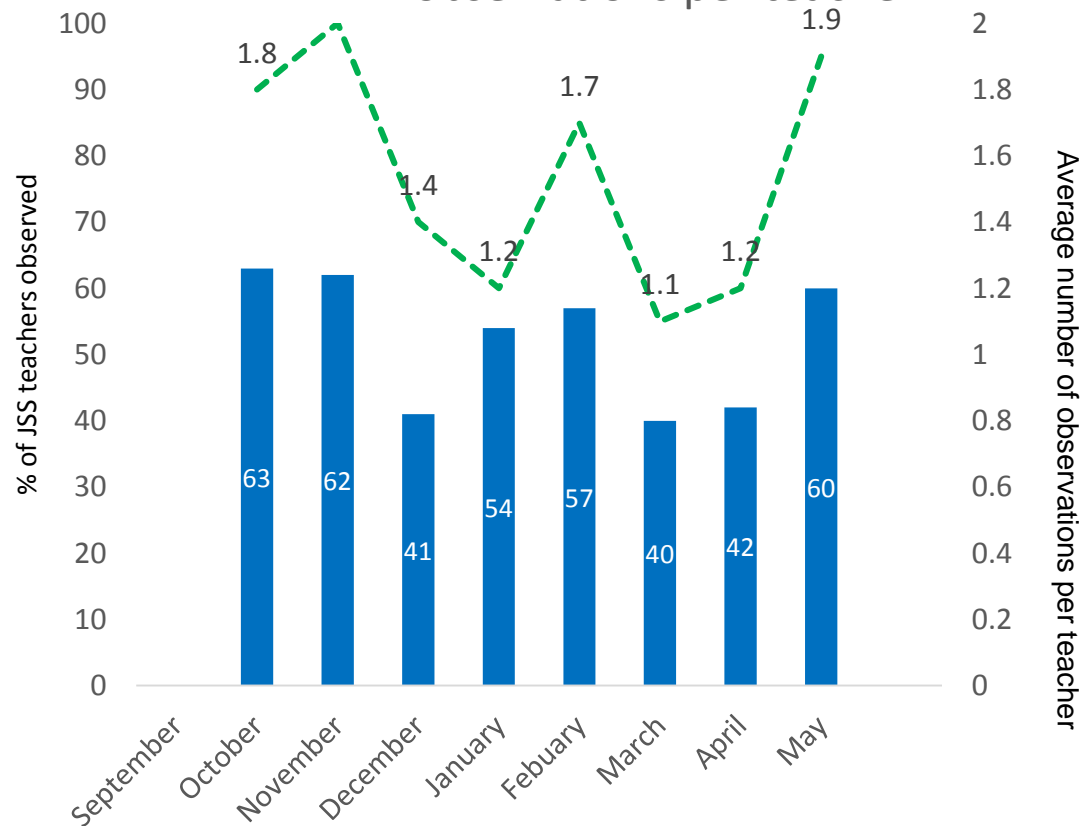
Teachers observed by SSOs last month, % of total non-private schools in district



Percentage of JSS teachers observed nationally by month

The percentage of teachers visited in May significantly increased to almost hit the target nationally. There is still significant variation between districts and the percentage of teachers observed remains disappointingly low suggesting some teachers are seen many times and others none.

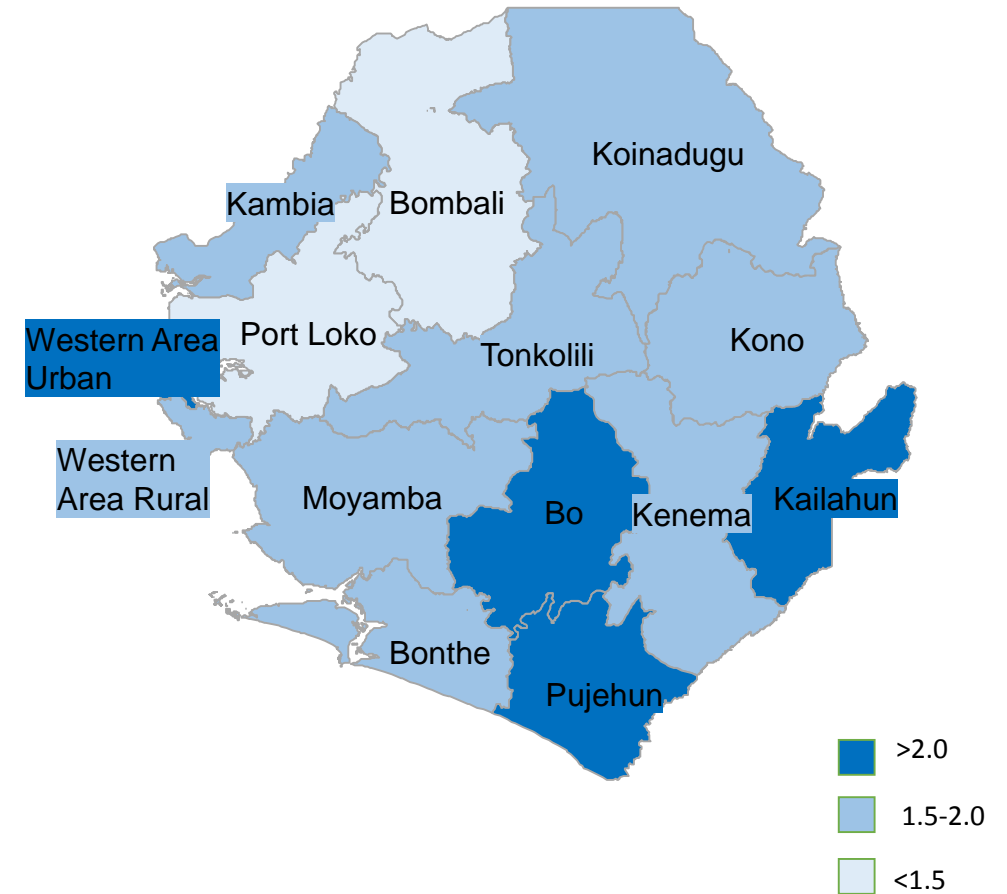
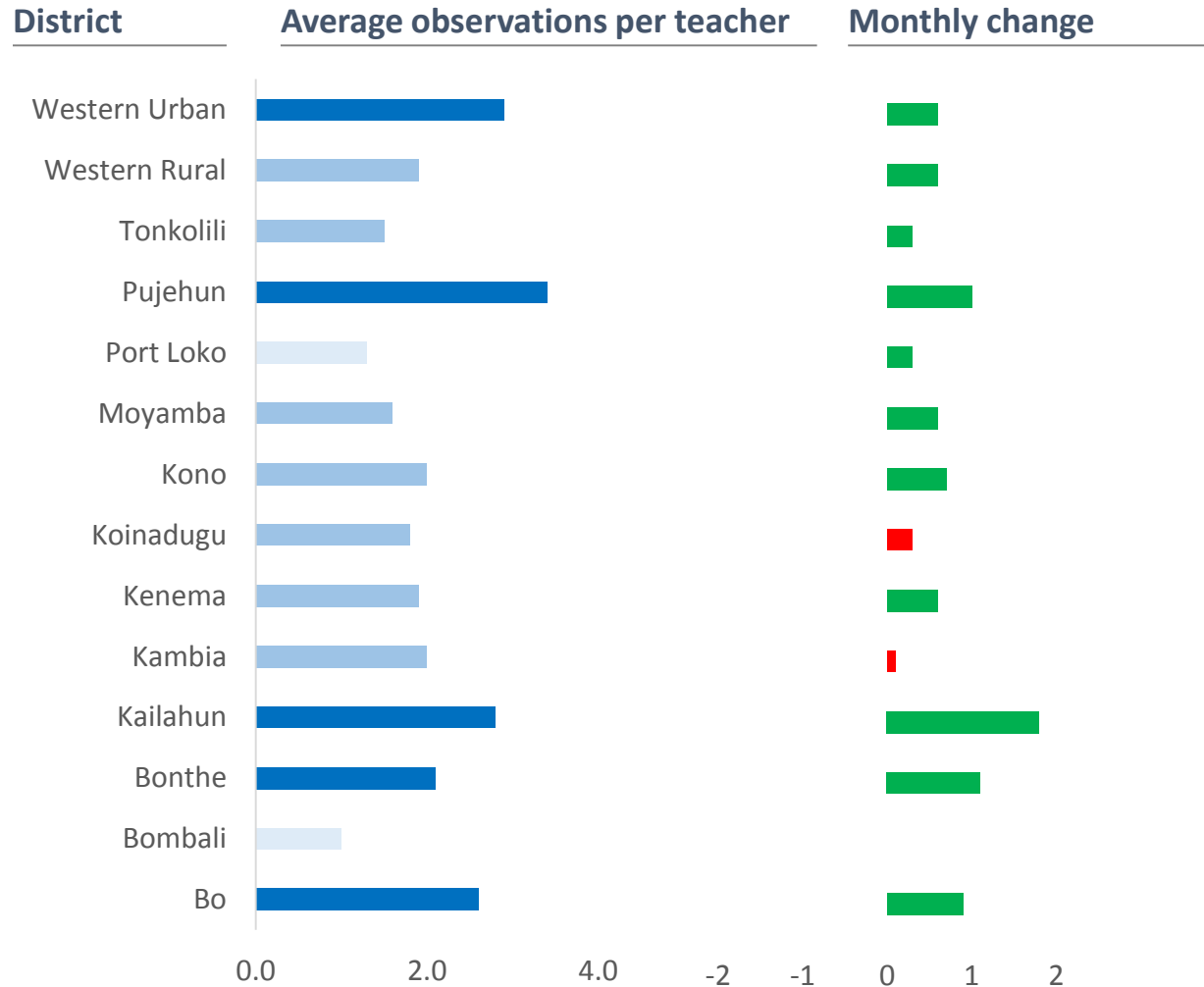
Percentage of JSS teachers visited by SSOs and average observations per teacher



April 2018		
% of target Reached	Monthly change	
60%	+18%	↑
96%	1.9	↑

Average number of observations by SSO per teacher by district

Average number of observations by SSO per teacher during May, by district



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Section 5 – Lesson plan use

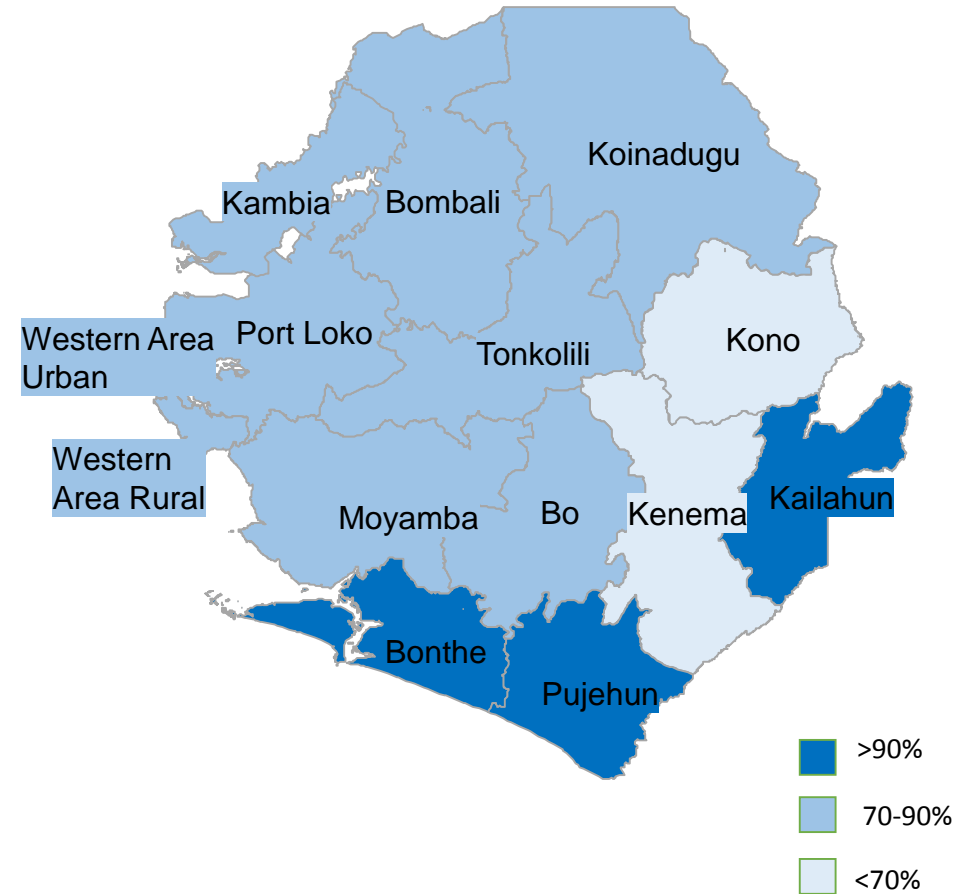
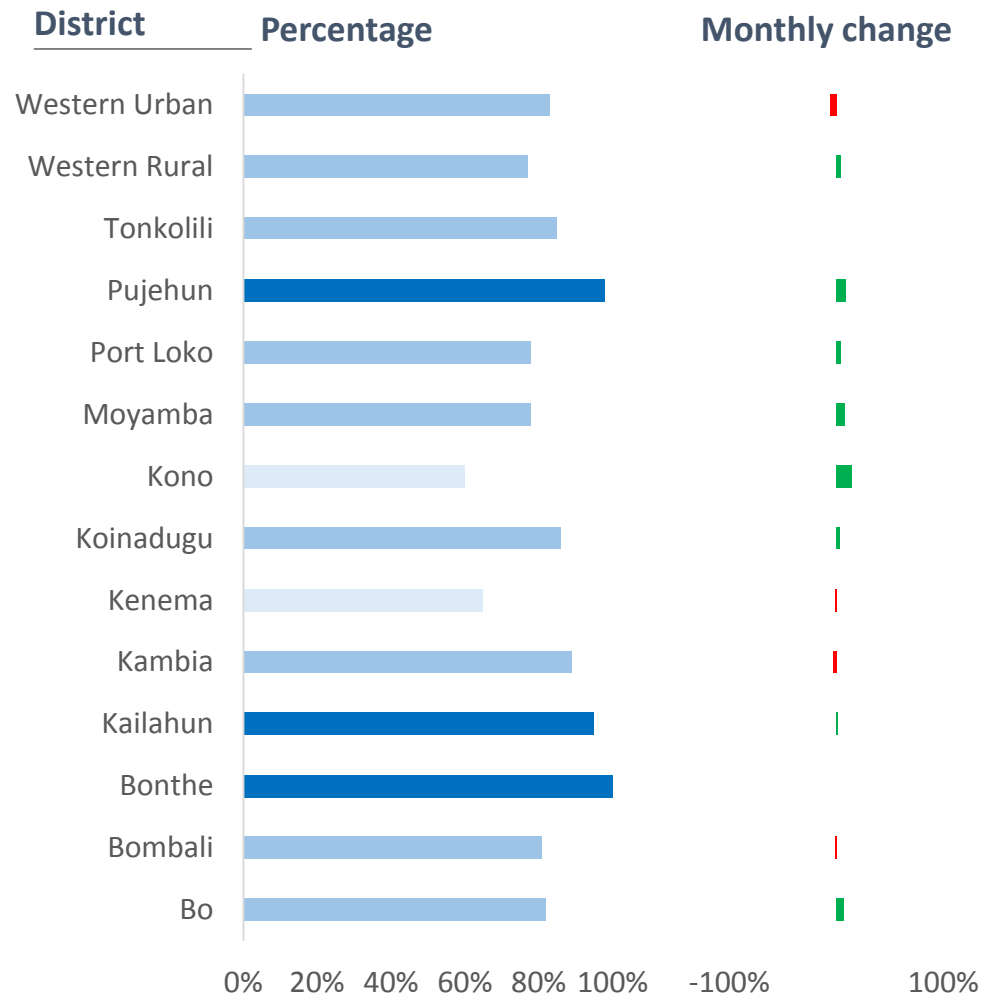


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Percentage of lessons scoring 3 or 4 for LPM use, by District, for May

% of lesson observations scoring 3 or 4 for lesson plan use (top two ratings), by district

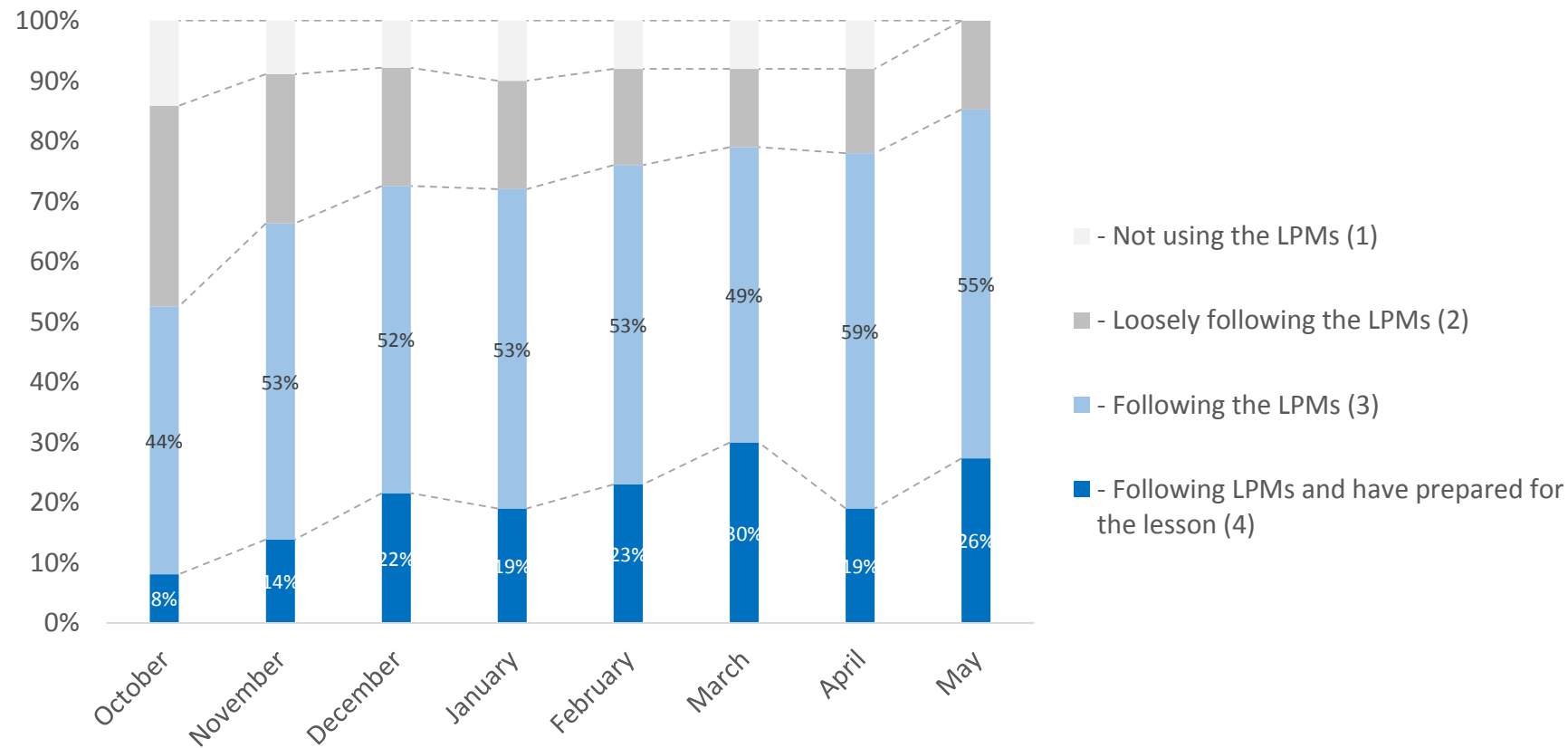


Source: SSO data collated by DSOs

Observation scoring of lesson plan use by teachers

May data reveals an increase in the number of teachers using LPMs and are planning lessons. Also the number of teachers not using LPMs dropped by a margin. The challenge is to improve the quality of lesson plan use and levels of lesson preparation.

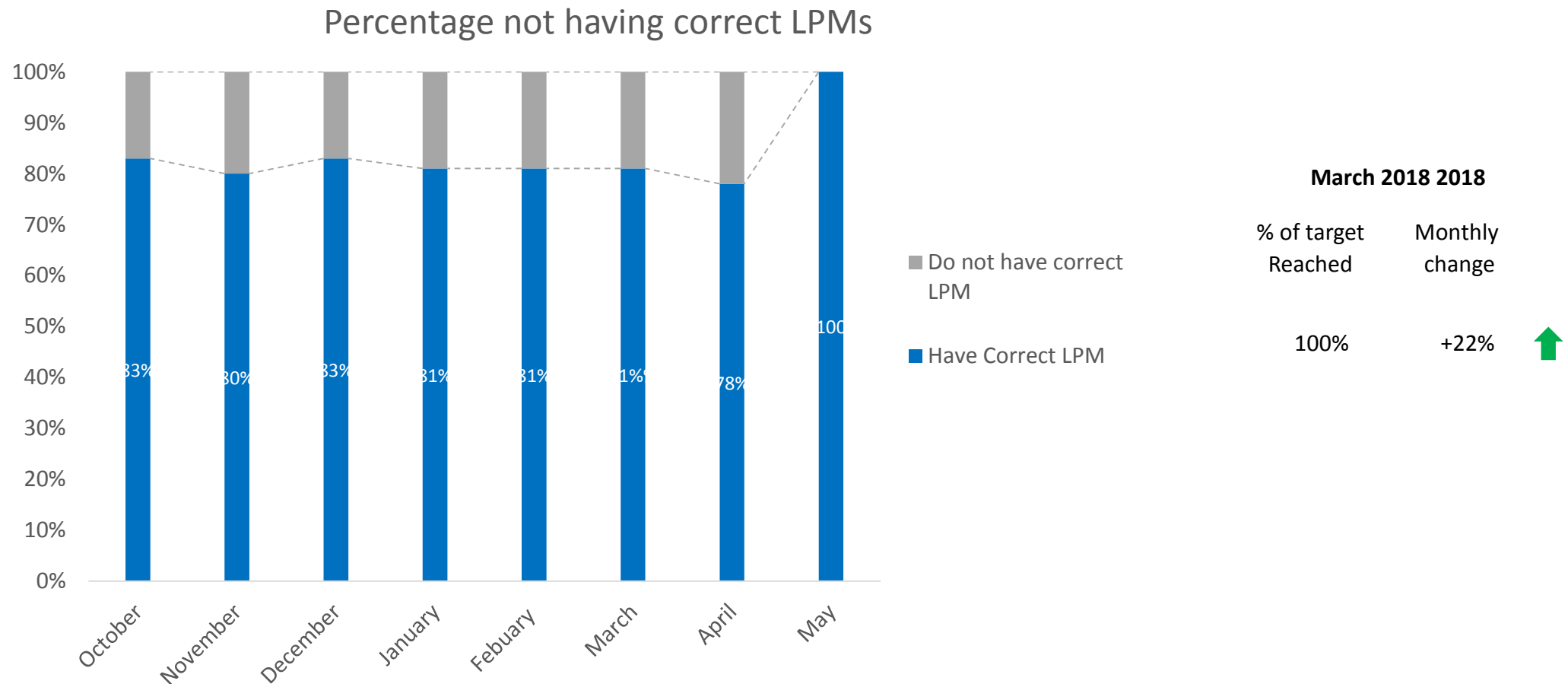
Lesson Plan Use based on SSO Observation Scores



May 2018		
% of target Reached	Monthly change	
275%	- 1%	↑
33%	+9%	↑

Proportion of teachers observed who do not have the complete set of LPMs

Data shows that all teachers observed now have complete set of LPMs. This is a result of reprinting and distribution of JSS lesson plans in April.



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Section 6 – Additional useful data



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School and teacher data – LWL focus

Total Schools	7,981
Primary	6,474
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Primary	6,474
JSS	1,155
JSS (non-private) – LWL focus	987
Actual Number of non private JSS Supported this month	860
SSS	352
Total Teachers	58,628
Primary	38,382
JSS	14,329
JSS (non-private) – LWL focus (English & Maths teachers)	4,800
Actual number of focal non-private JSS teachers reached for this month	2,720
SSS	5,917