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Monthly School Monitoring Dashboard Report November 2018



Background and intention

Intention

- The Monthly School Monitoring Report is intended to summarize monthly data coming from School Support Officers and incorporates supervisors and other relevant data from district and national levels, when available. 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 when available.
- This 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 SSOs and submitted using the Tangerine:Tutor tablet-based system. This goes to a central server.
- Data is then downloaded from the central server and analysed by LWL HQ staff.

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Section 1 – Executive Summary



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Monthly highlights

Highlights

- This is the second monthly report produced using data collected and submitted digitally through Tangerine. This gives access to more data so this report is more in-depth than previous reports.
- This month SSOs were not active doing observations for a whole week due to Continuous Professional Development activities. Despite this over 4,200 observations were completed, just a few hundred less than all October.
- This month we have started to capture exam alignment observations and times when SSOs turn up at a school at the scheduled time for observations but are unable to observe. Including these bring the total up to over 5,000 this month.
- Despite the reduced time available for SSO observations, more schools were visited this month than last. Perhaps unsurprisingly the number of observations per school did fall.
- The proportion of lessons using lesson plans fully has increased this month, as has the proportion of lessons featuring guided and independent practice clearly, both of which are encouraging. There was a particular improvement in the use of lesson plans in SS Schools.
- All but 3 districts held a monthly meeting this month, which is a good improvement on October

Areas needing improvement

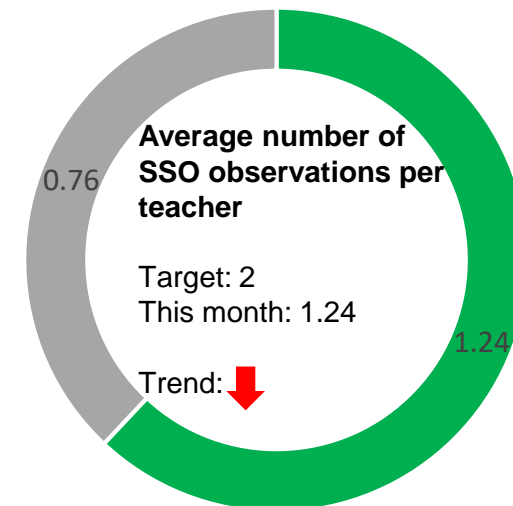
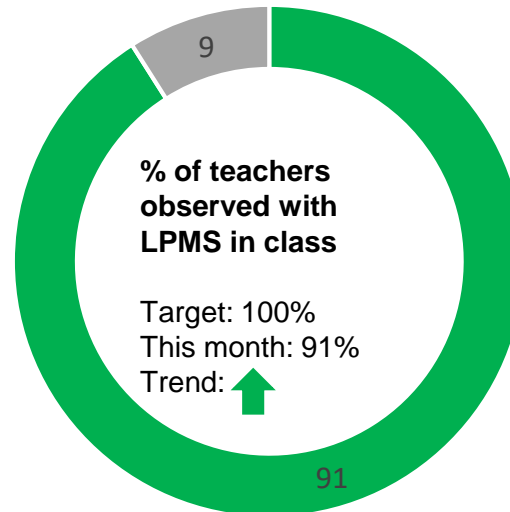
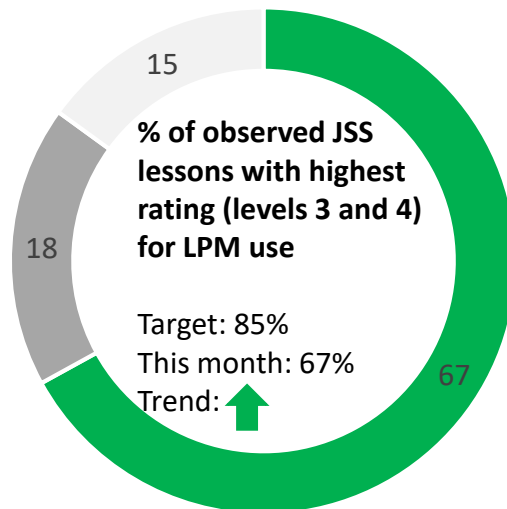
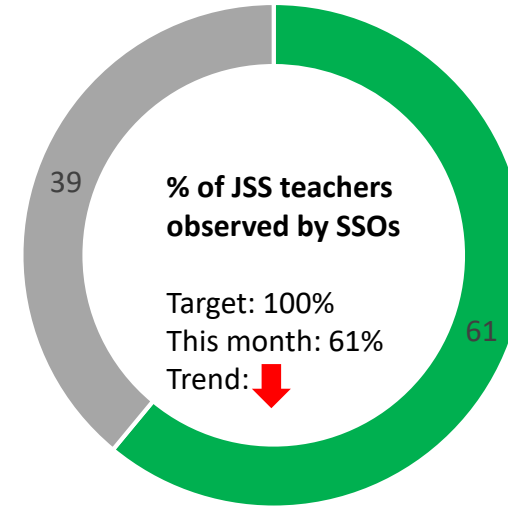
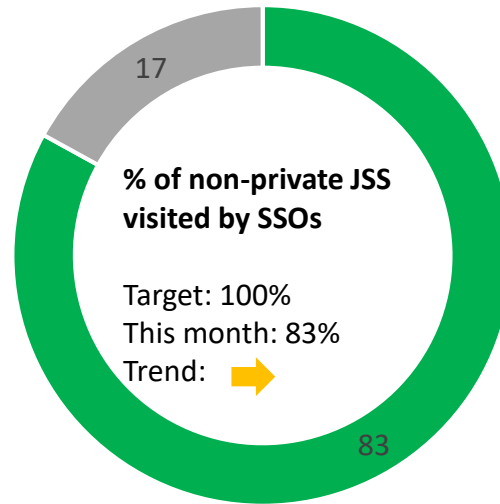
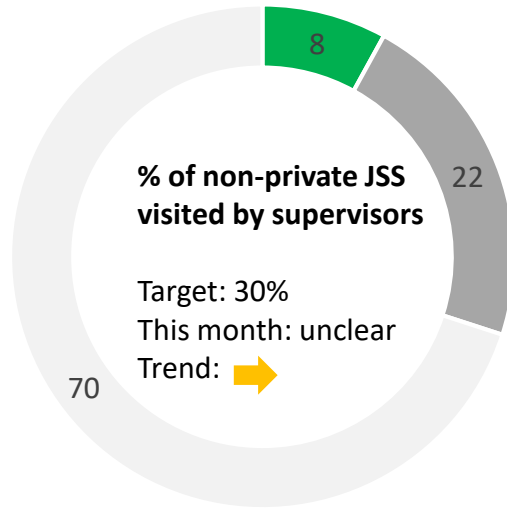
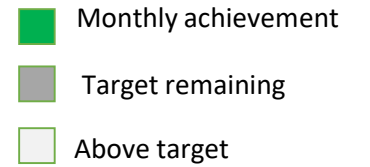
- The number of unique teachers observed fell slightly this month compared to last. This drop is due to SSOs having less observation time this month because of CPD. This drop was in the JSS teachers visited, the numbers for SSS increased.
- The scoring of lesson plans usage has increased but is still below the level at the end of last year and so needs to be monitored.
- Not all classrooms are showing signs of FQSE teaching and learning materials, with around 30% of classroom observations noting none are visible in the class.

Dashboard related issues

Key issues this month

- This is the second month where data from Tangerine has been used to populate the charts on this report rather than data manually entered and aggregated by SSOs, DSOs and HQ staff.
- The data for this chart was downloaded from Tangerine on the 11th of December to ensure that all data had been synced for November – learning from October.
- During the November SSO training, an update Tangerine APK was introduced, solving some problems and adding some extra features. One problem solved were errors in the school list. This has one negative impact on this month's data in that for schools where observations were done before the upgrade and location details were altered in the upgrade the earlier observations are not attached to that school anymore. This does not affect total figures but will lead to lower totals for unique schools, unique teachers and some district totals this month.
- Data is being collected and disaggregated for new districts Falaba and Karene and included in the national figures. On the district map pages the totals are not illustrated on the map as we don't have the image to do this yet. The figures are listed instead.
- The number of teachers and schools still needs to be updated with the new ASC data when this becomes available. The current data is leading to >100% totals in some districts at the moment.

Key Targets Summary



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Section 1 – DEO Monthly Meetings

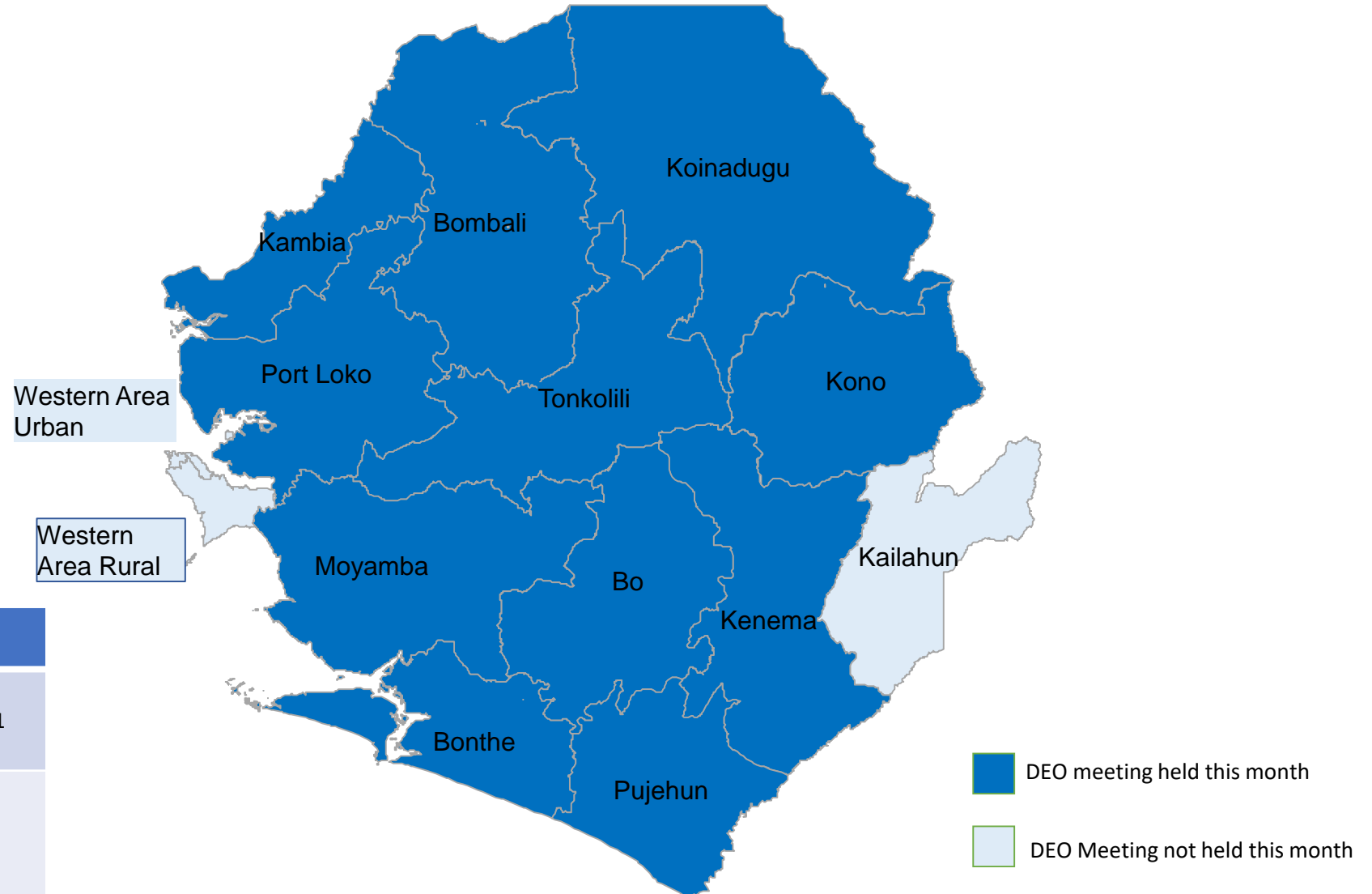


DEO Monthly Meeting

In October, 11 of 14 Districts held DEO Monthly Meetings (79%).

Western Area and Western Urban were unable to hold meetings due to pupil handbook preparation activities. Kailahun did not conduct the meeting because the DDE was not available to confirm the dates for the meeting.

DEO meetings now seem to be well-established in most districts and are being held to identify issues and actions each month. In a minority of other districts these are not yet established as a regular occurrence, particularly in Western Area when DDEs get dragged into national issues.



	July	August	Sept	Oct	Nov
Districts holding Monthly meetings	13	9	8	9	11
Districts not holding Monthly meetings	1	5	6	5	3

DEO Monthly Meeting – examples of issues raised and actions agreed

DEO meetings are where issues covering the themes below are raised and discussed. Keep issues are logged and actions, responsible person(s) and timelines agreed. Follow up happens at the next meeting.

Thematic area	District	Example Issue	Example Action In Response
Issues beyond influence of DEO but needing reporting	Port Loko	Some approved schools did not receive subsidy. This is affecting the running of these schools.	The DDE informed us that the Minister has signed off on the payments of those schools left out
Issues about Pupils' Learning	Kono	Slow and ineffective teaching. Well behind lesson plan schedule. Teachers reported that they received the LPMs late especially the SSS LPMs.	SSOs have engage teachers and school heads to ensure teachers are moving with the LPMs. SSOs to support teachers in completing Term 1 LPMs during the holidays
Issues about Pupils' Inclusion and Safety	Kenema	Lack of Proper wash Facilities in schools in the remote villages (In the villages and St James in Kenema city). Schools without wash faculties are having issues with safe and proper drinking water in such school also some pupils will walk for a long distance to fetch water to drink and they will be out for any class.	Identify those schools and reports to Partners, SMC and BOG
Issues about Teachers and Teaching	Tonkolili	Replacement of dead teachers. Heads of schools are requesting for the replacement of their dead teachers	DDEs to engage TSC and other authorities and bring the issue to their attention.
Issues about School Leadership and Management (including CTA/BOG/SMC)	Bombali	Some schools do not have storage facilities, and some have but are not ideal.	Schools must find and sought viable options to safeguard the PHs, and they must also bring onboard the CTA for engagement on the same.
Issues about Support to and QA of Schools (Inspectors, Supervisors, DSO and SSO etc.)	Pujehun	DSO finding it difficult to relate with cluster Supervisors across the river. Cluster supervisors across the river are very difficult to communicate with because their phones are always switched off.	Cluster Supervisors to ensure effective communication with DSO for better information sharing.
Issues about Data	Bo	Weak capability on computing, data collection and interpretation. The capability of supervisor on data collection and analysis is poor. In most cases data are collected but are hardly interpreted in a reader friendly manner.	DSO and M&E to provide training support on data collection and analysis. Also Admin for provide one desk top computer for this purpose

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Section 2 – SSO observations recorded on Tangerine



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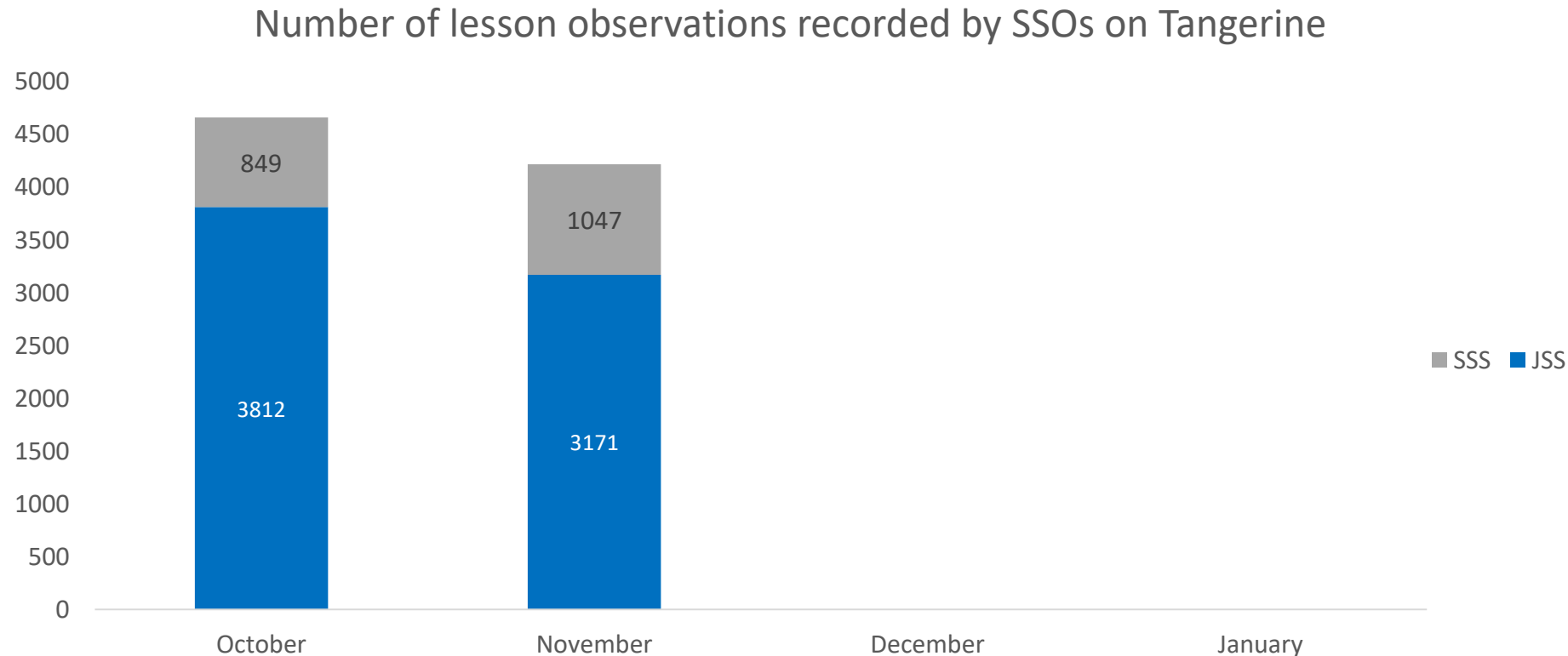


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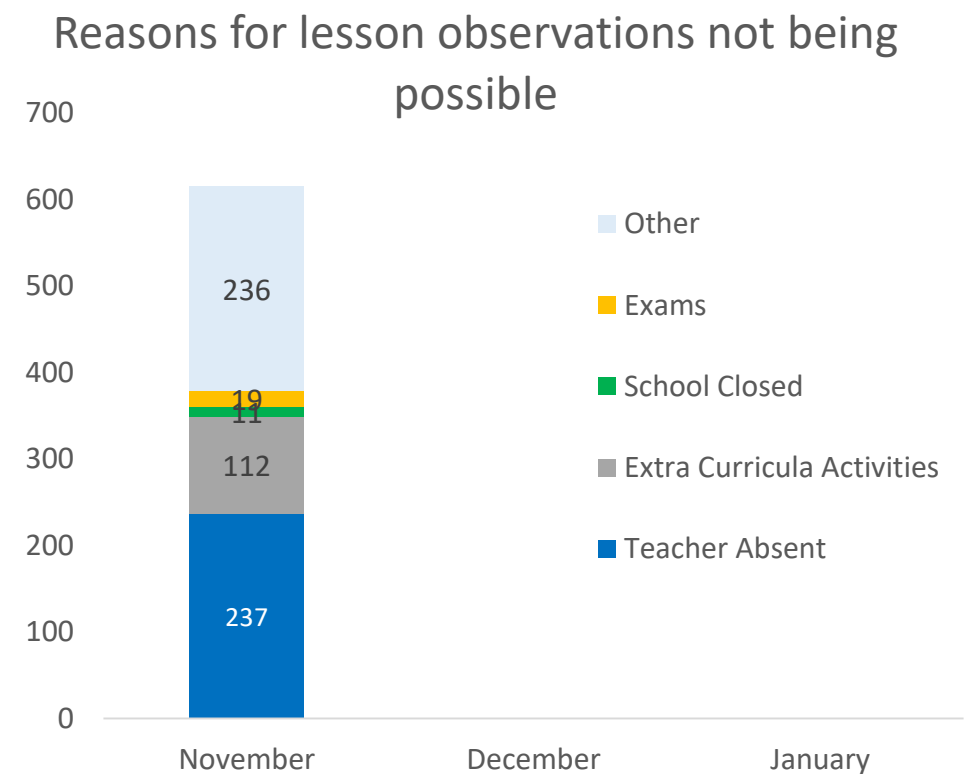
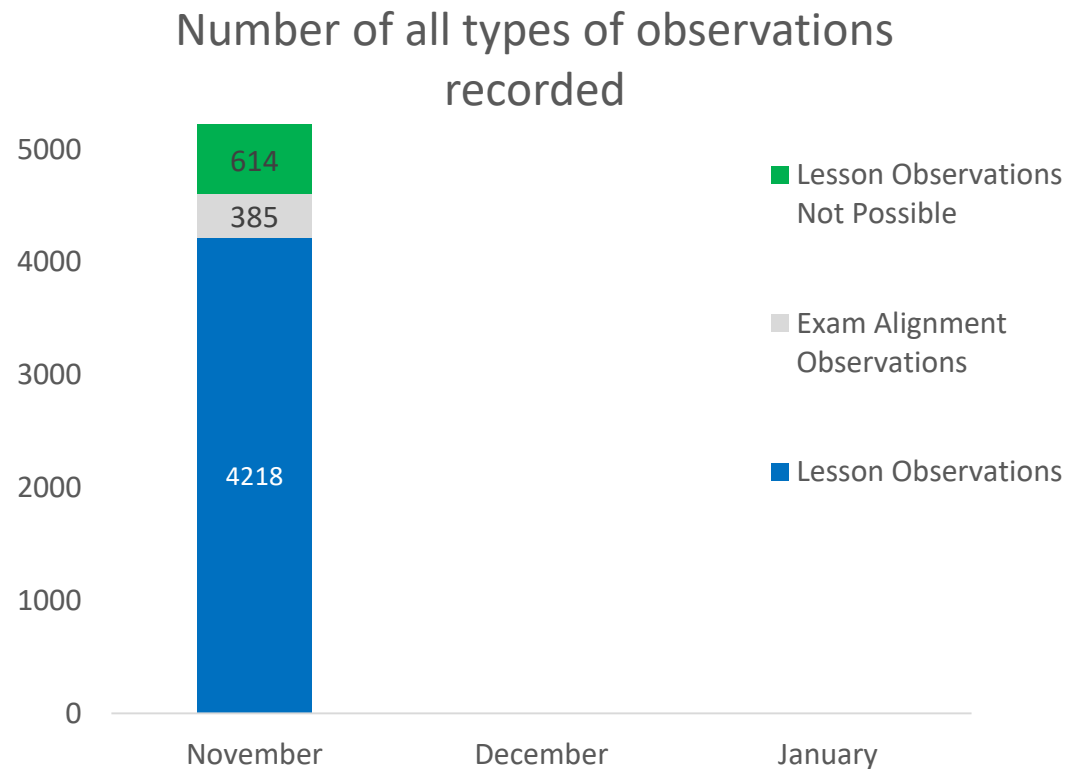
SSO observations recorded on Tangerine, November

In November there was a small fall in the number of lesson observations recorded compared to October. Given SSOs were on training for a full week and not able to do any observations for 5 days this is strong performance.



All SSO activity recorded on Tangerine, November

In November, we started tracking all types of observations not just standard lesson observations. This includes observations where SSOs observe exam classes and do an exam alignment review in relation to lesson plan content. Finally, the occasions where SSOs have arranged to conduct interviews but when arriving at school are unable to do them has been captured and reasons recorded



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Section 3 – SSO visits to schools



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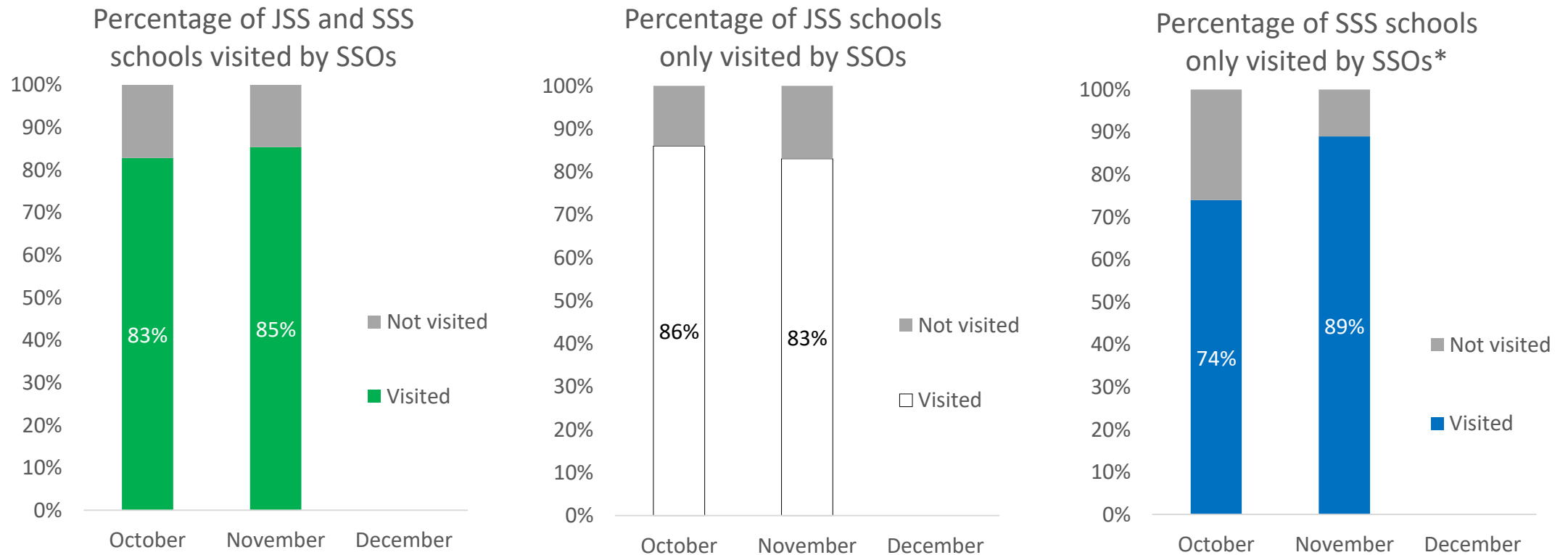


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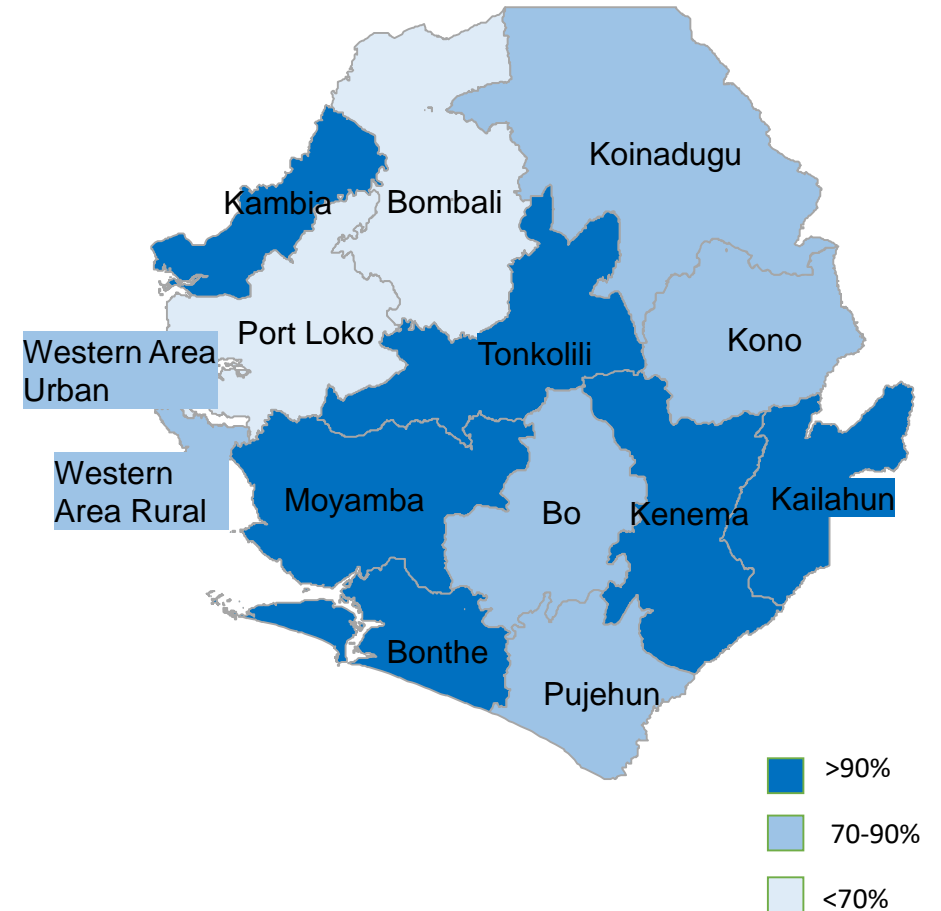
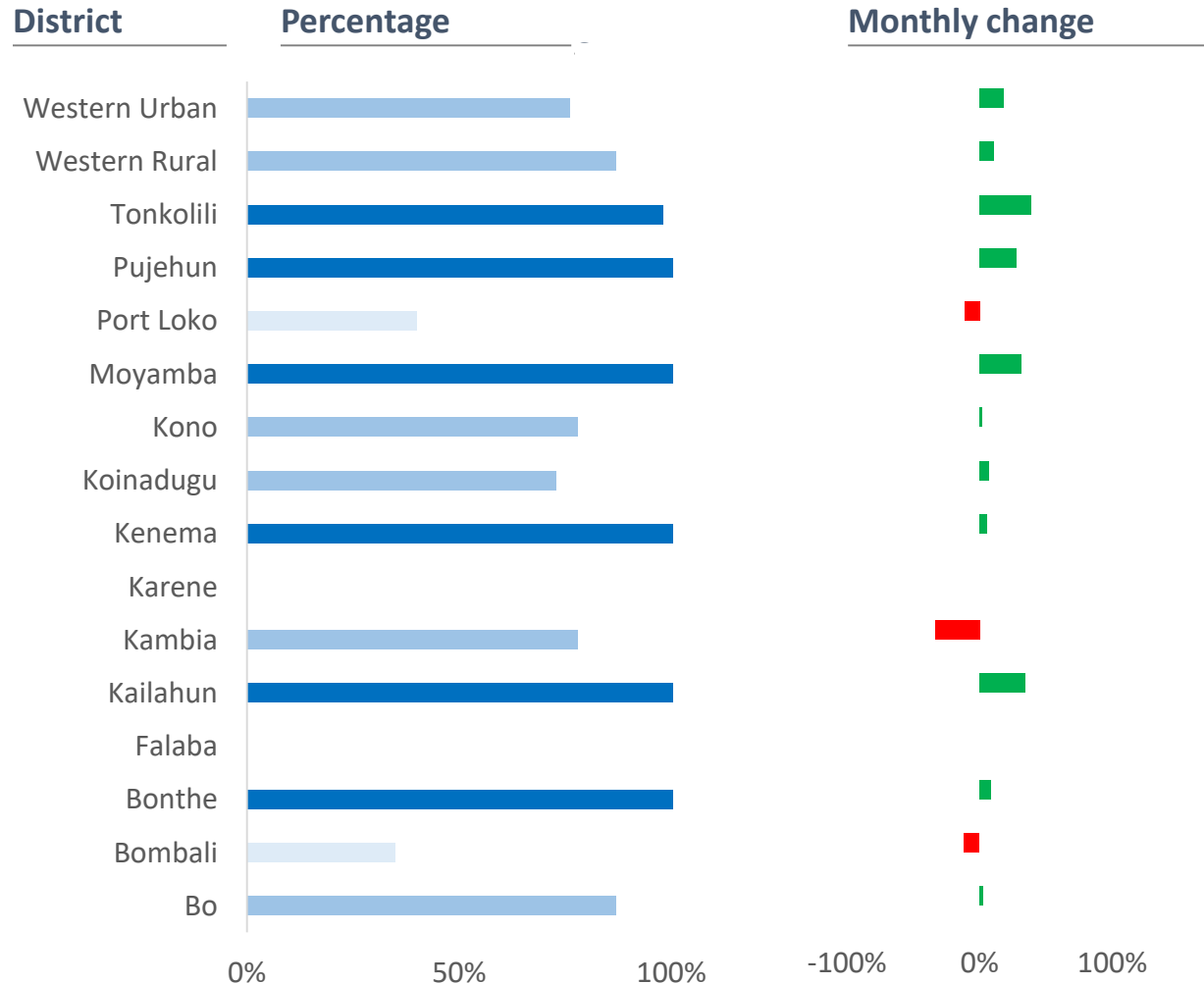
SSO visits to JS and SS Schools, for November

The proportion of schools visited grew in November despite SSOs having more limited time. This increase came mostly from more visits to SS Schools.



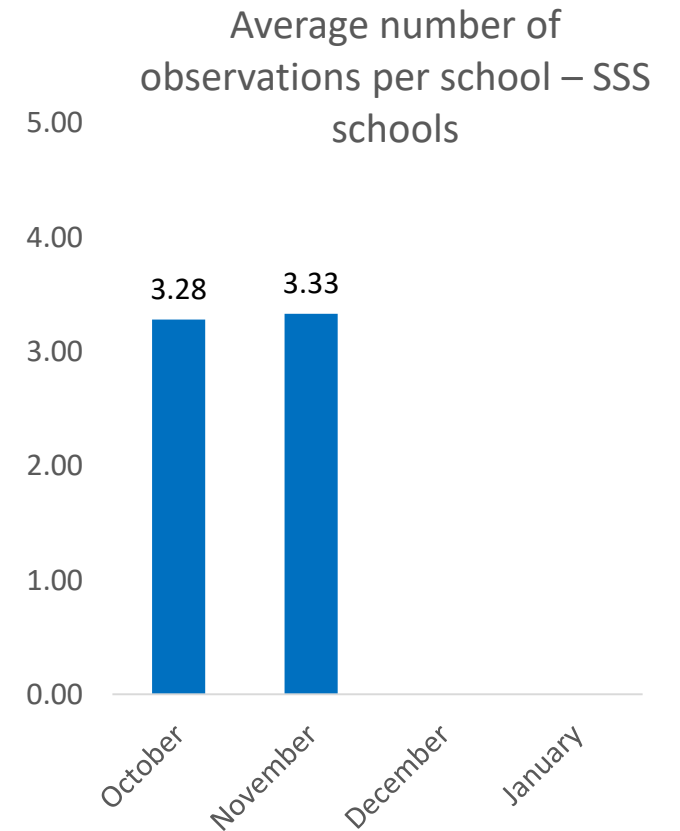
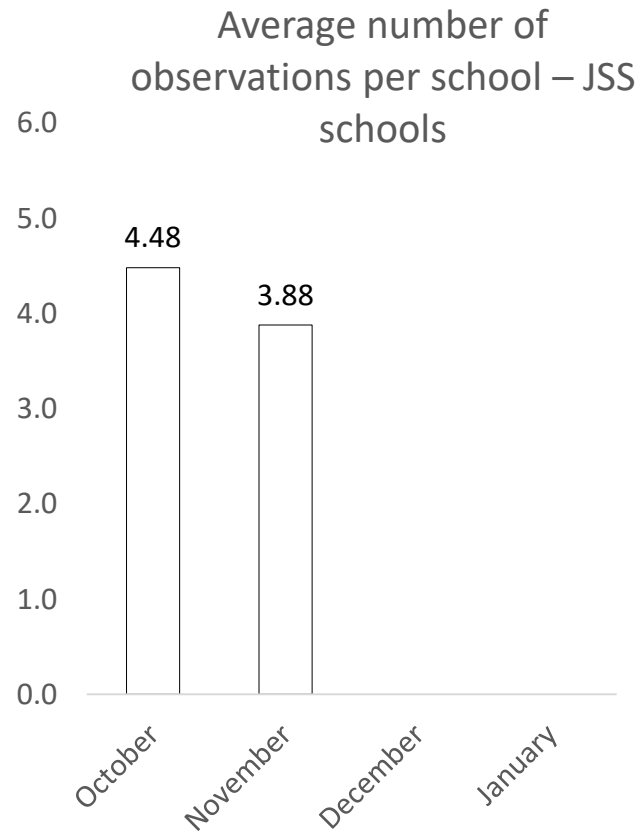
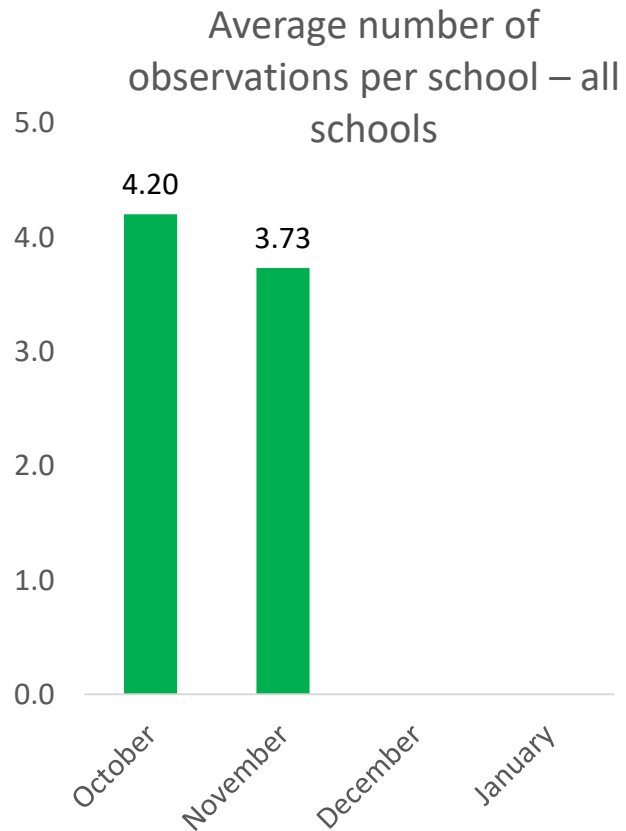
JS and SS schools visited by SSOs, by District, for November

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



Average number of SSO observations per school visited

In November, while more schools were visited the average number of observations per school fell slightly



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Section 4 – Supervisor visits to schools

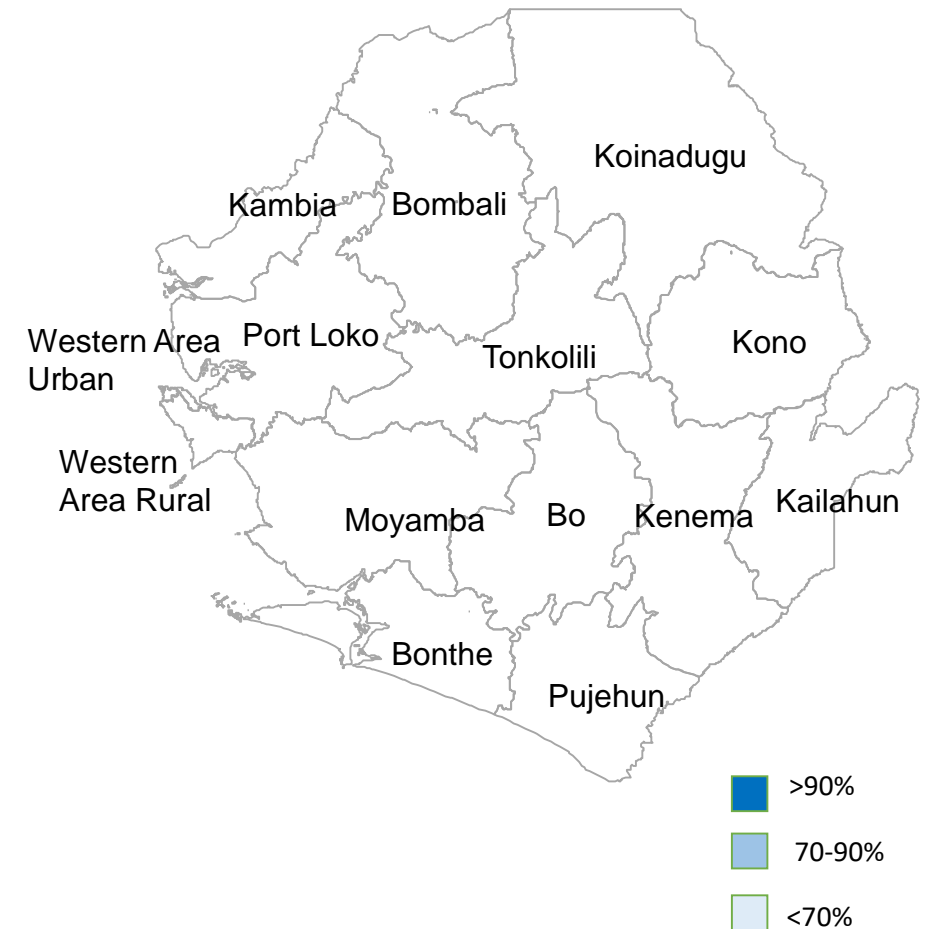
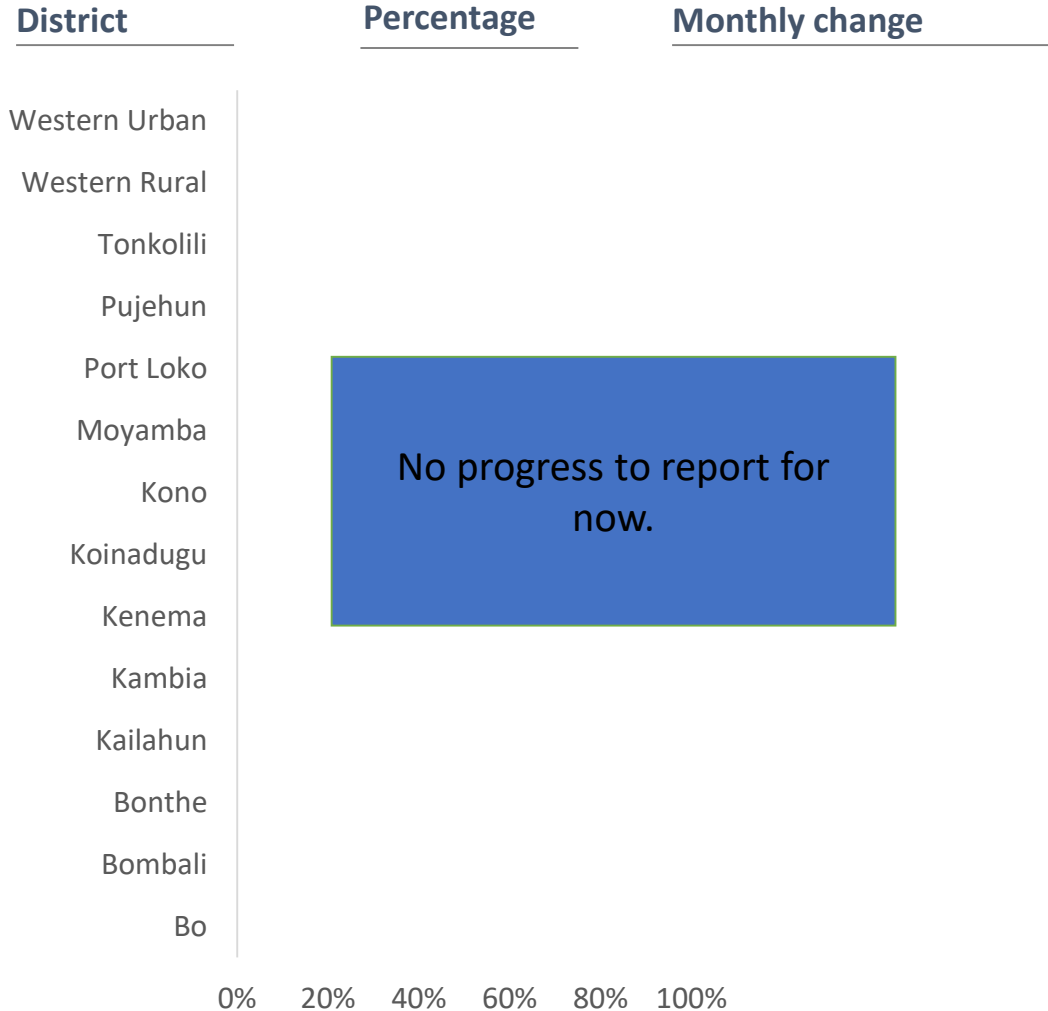


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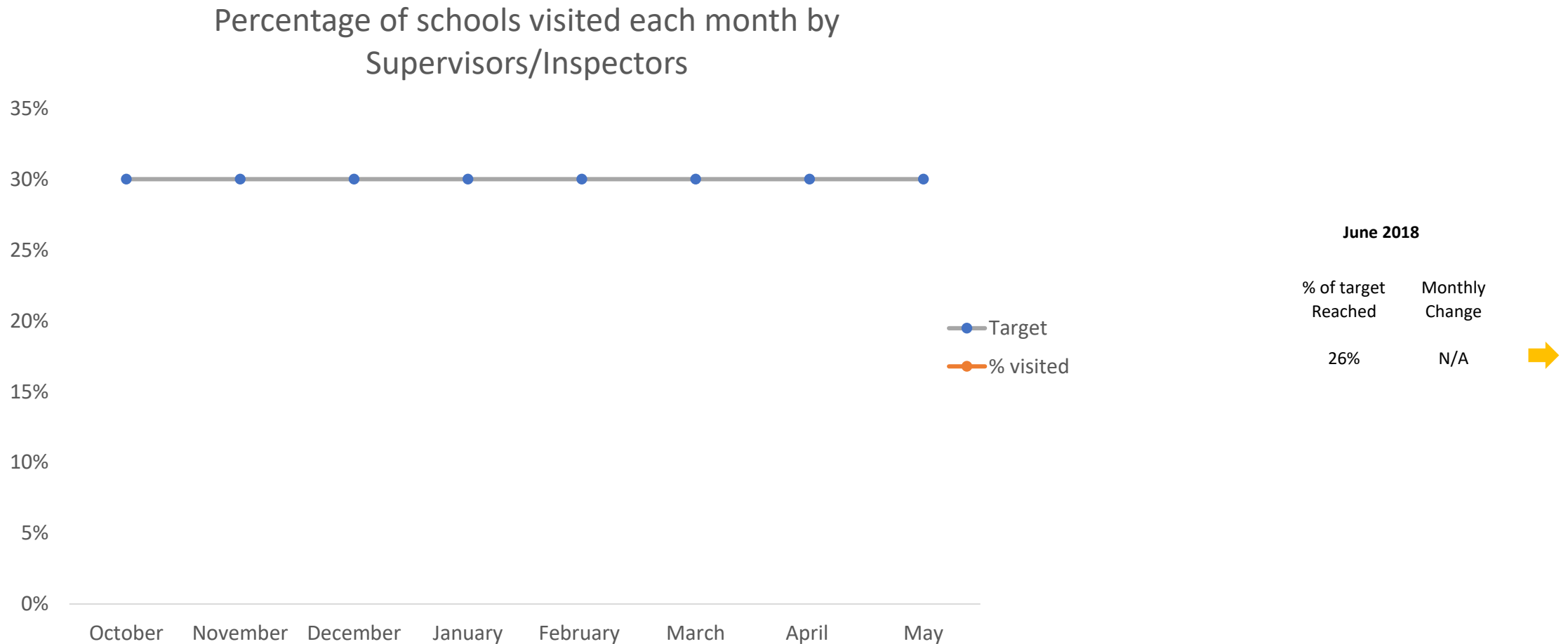
Percentage of JSS schools visited by supervisors, by District, for November

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



Percentage of Schools visited by supervisors nationally by month

There has been no detailed data on supervisor school visits since October 2017 and so progress is unclear



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Section 5 – SSO observation of teachers

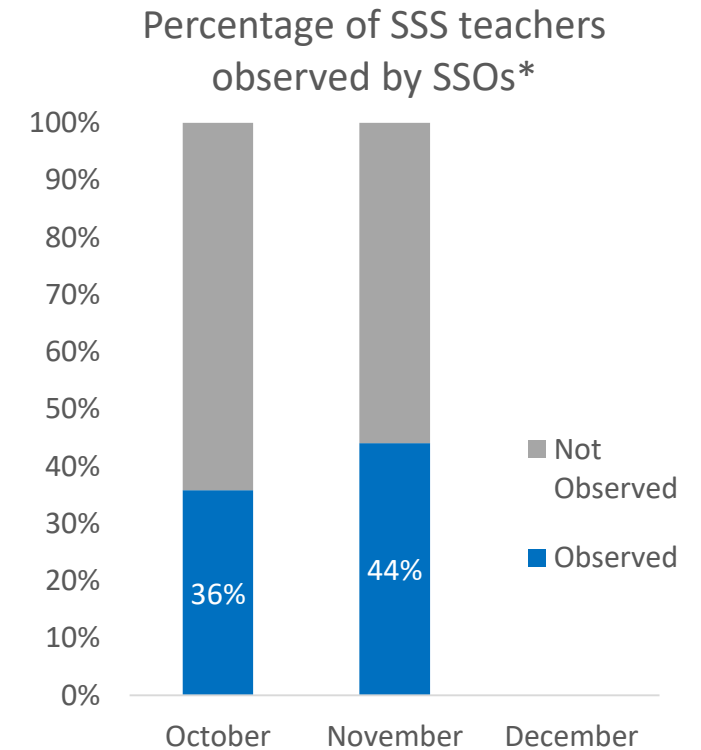
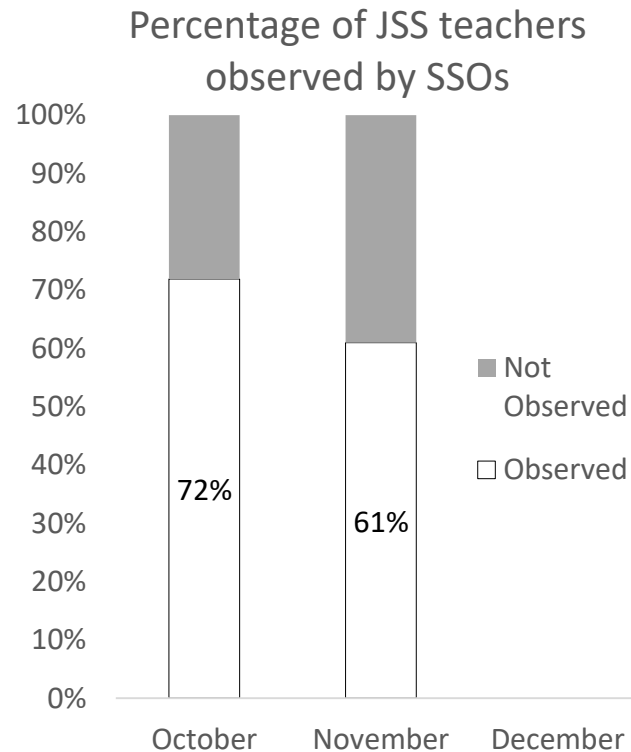
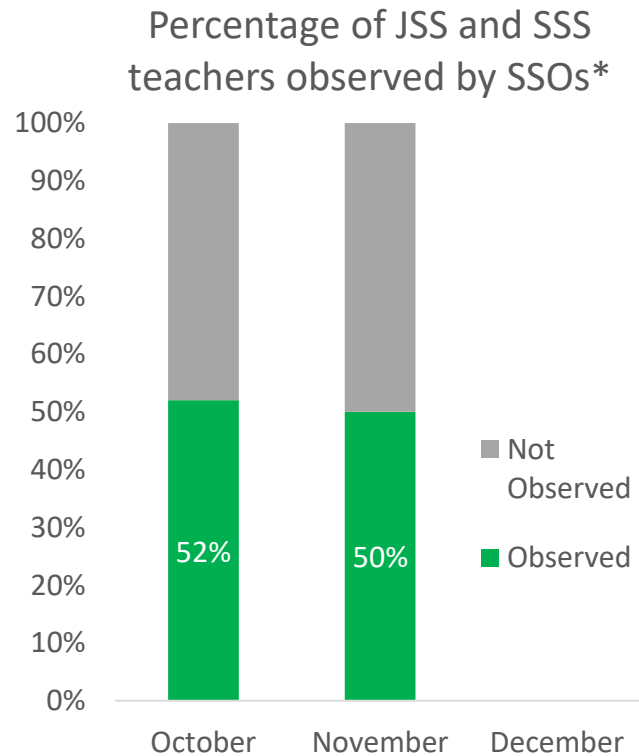


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Proportion of JSS and SSS English and Maths teachers observed by SSOs, for November

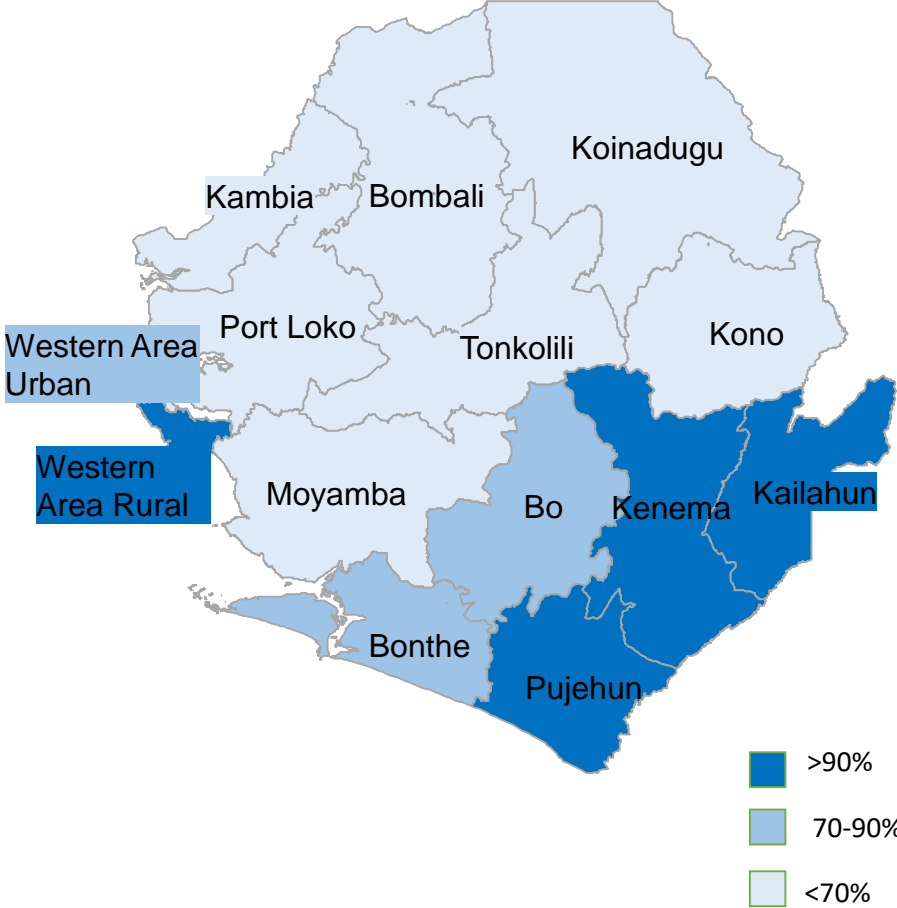
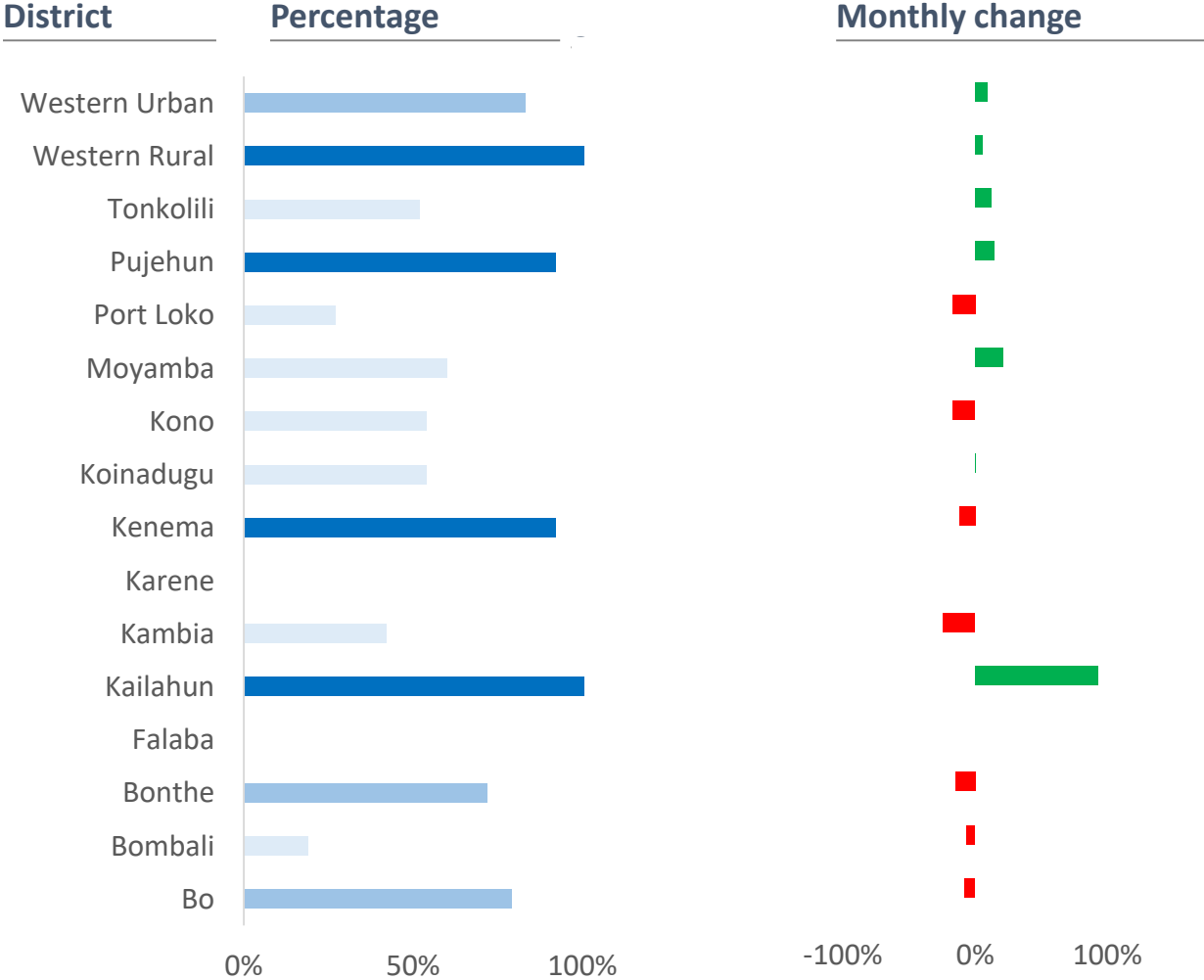
Over 3,000 unique teachers were observed in November. This is a slight fall from October. The fall came in JSS observations with SSS teachers observed rising this month.



*Based on estimated total SSS teacher number for English and Maths only

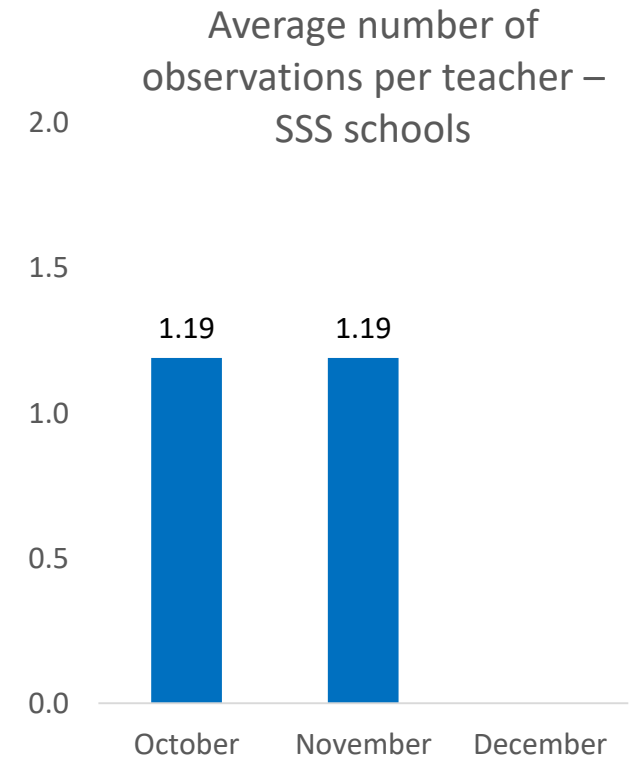
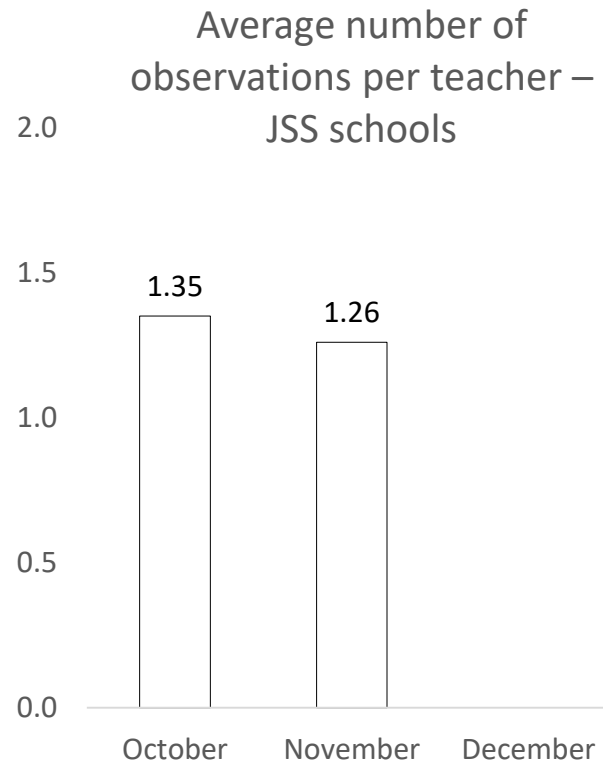
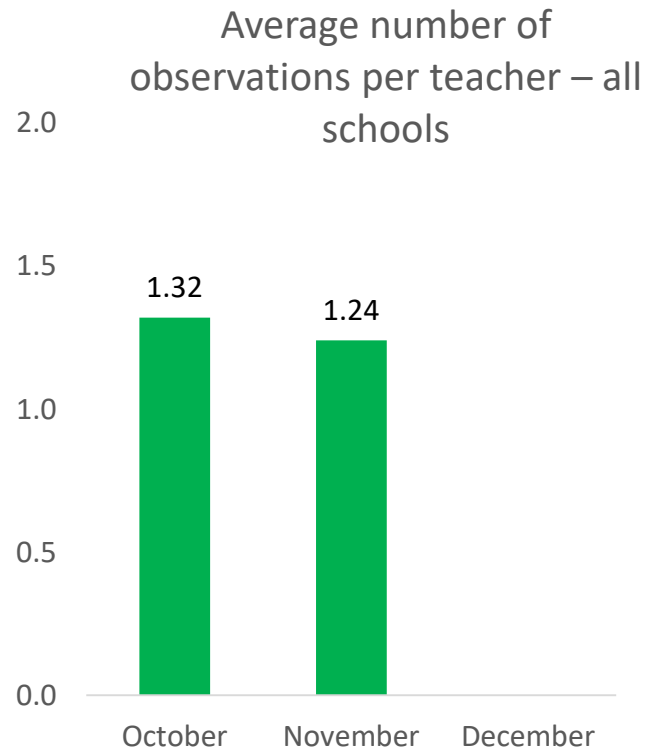
Percentage of JSS English and Maths teachers observed, by district in November

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



Average number of observations per teacher, for those observed in November

In November, observations per teacher (for those observed) stood at 1.24 visits per teacher. This is a lower figure than October and for the average for Jan-June 2018, but this must be balanced against the higher number of schools visited and teachers observed now by SSOs. Something to monitor carefully.



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Section 5 – Lesson plan use



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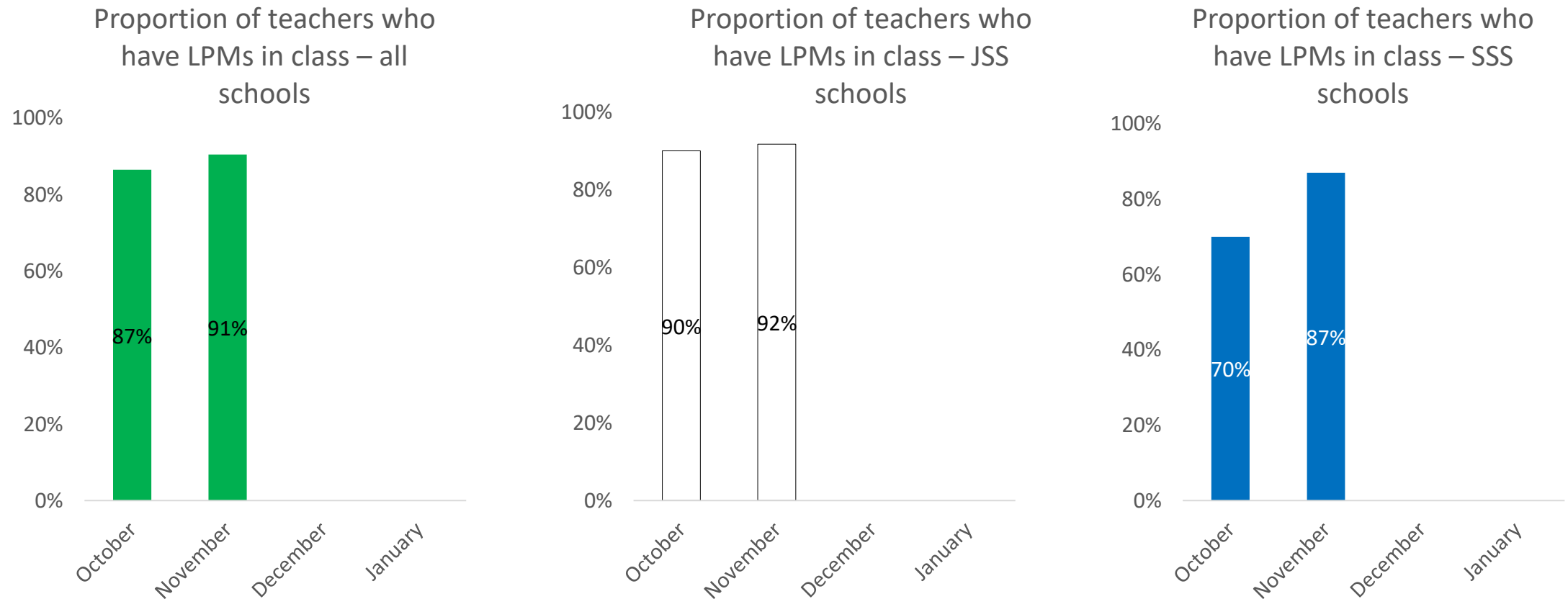


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Proportion of teachers that have LPMs in the class during observation, for November

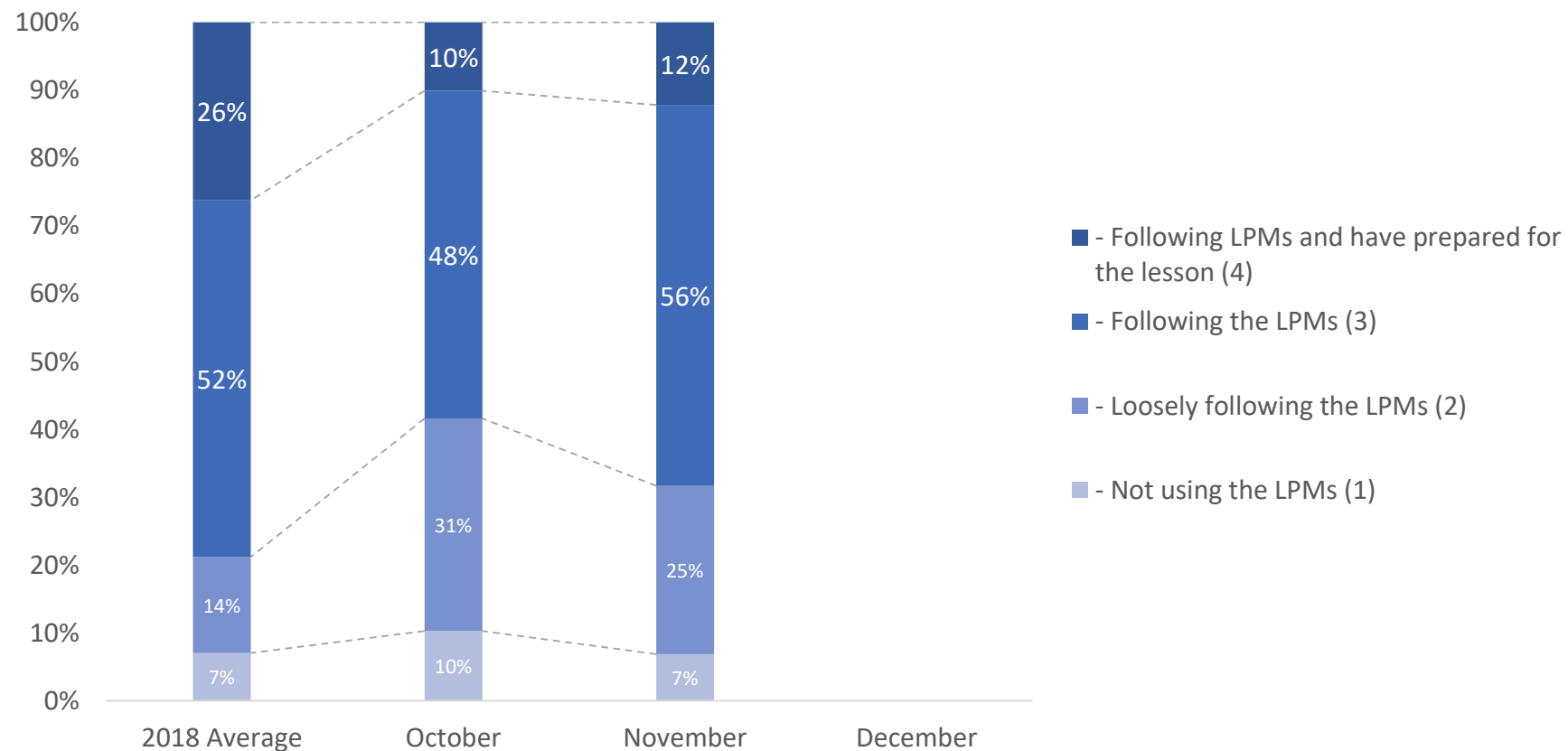
Teachers had the LPMs present in over 90% of lessons observed. There was an encouraging increase in the number of SSS lessons where lesson plans were observed compared to last month. This suggests a rapid uptake of the plans at this lesson.



Observation scoring of lesson plan use by JSS English and Math teachers, for November

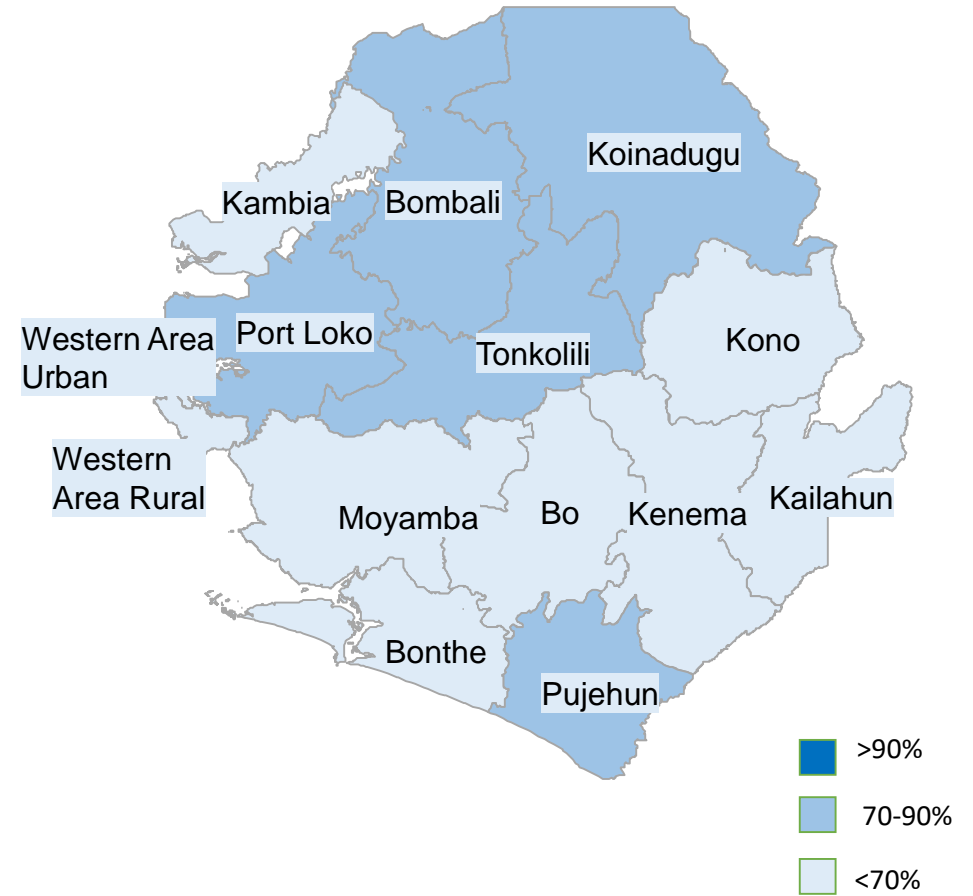
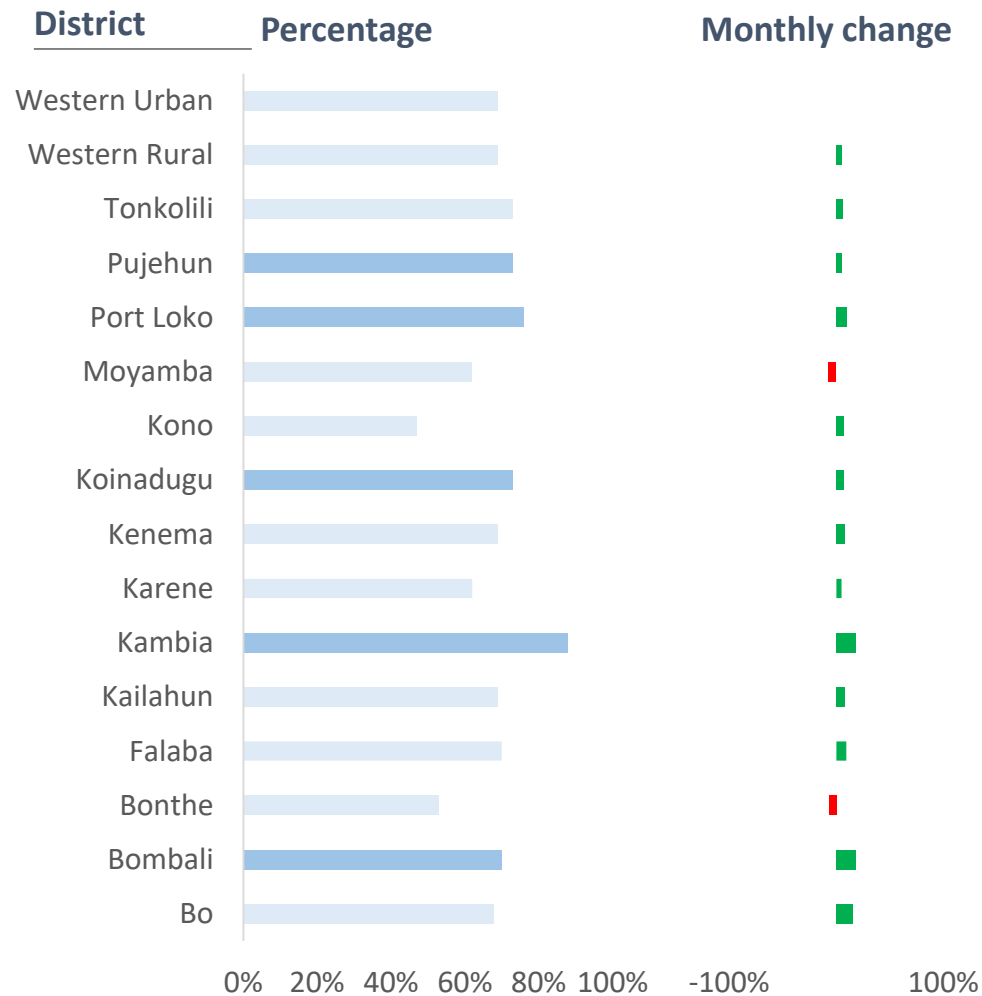
The scoring of use of lesson plans show that on average in JSS schools 68% are following the lesson plans well, well up from 58% in October. However, this is still lower than the Jan-June 2018 average (78%) and so needs to continue to be followed carefully.

Lesson Plan Use based on SSO Observation Scores



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

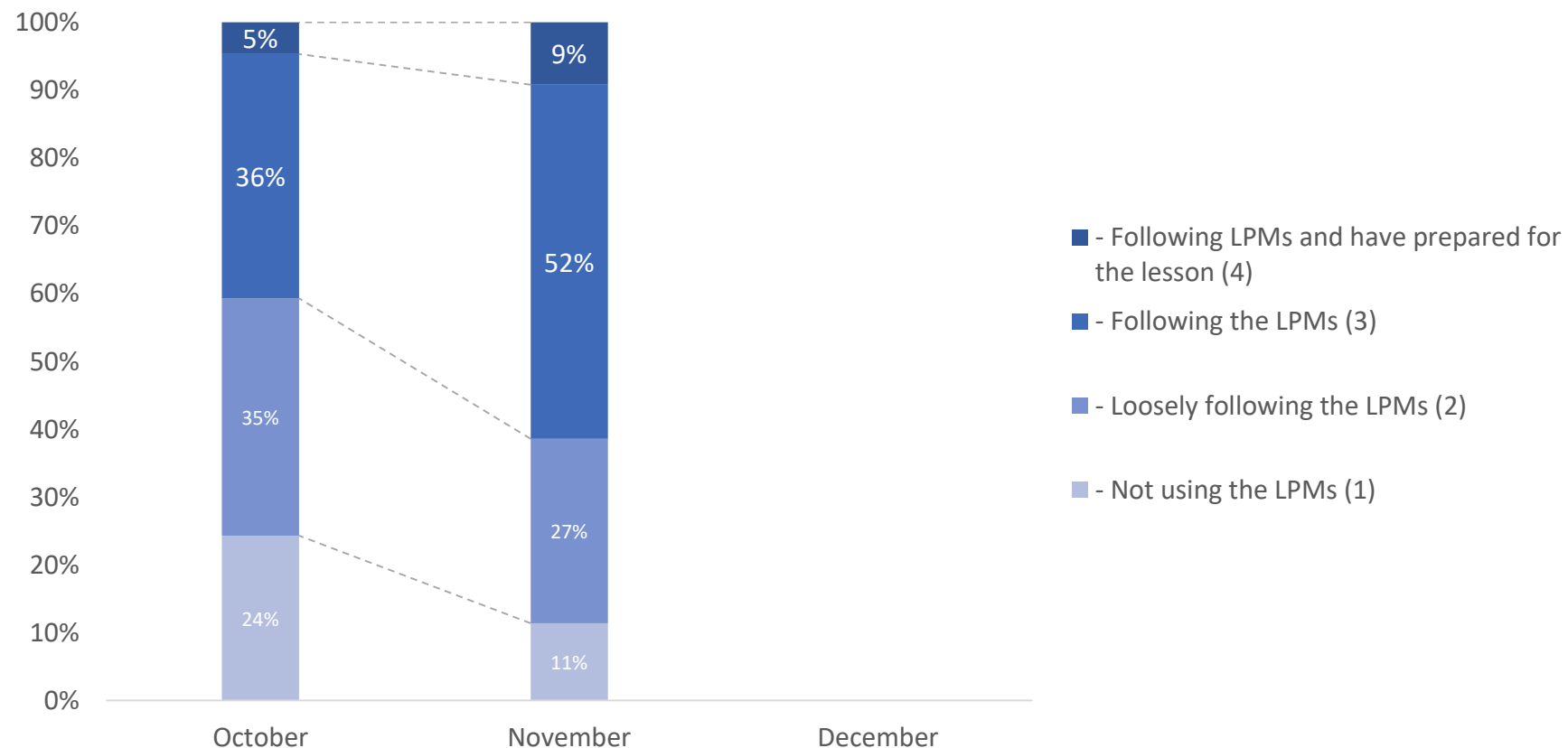
% of lesson observations scoring 3 or 4 for lesson plan use (top two ratings), by district



Observation scoring of lesson plan use by SSS English and Math teachers, for November

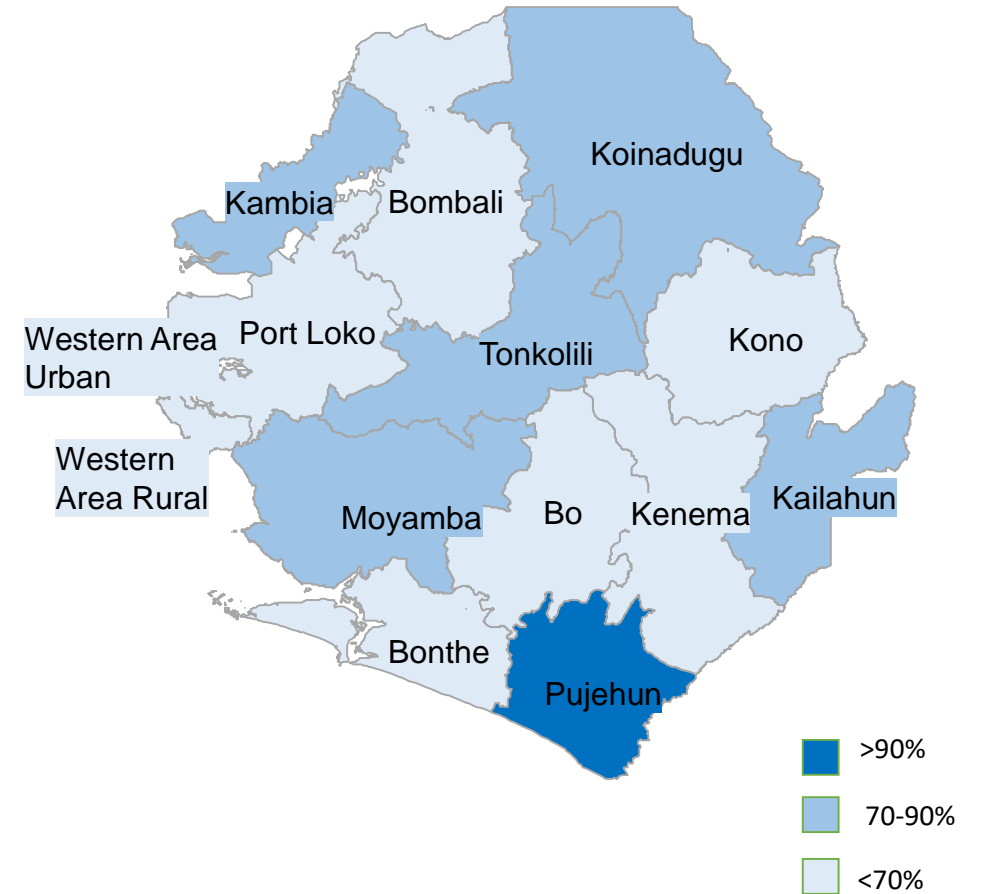
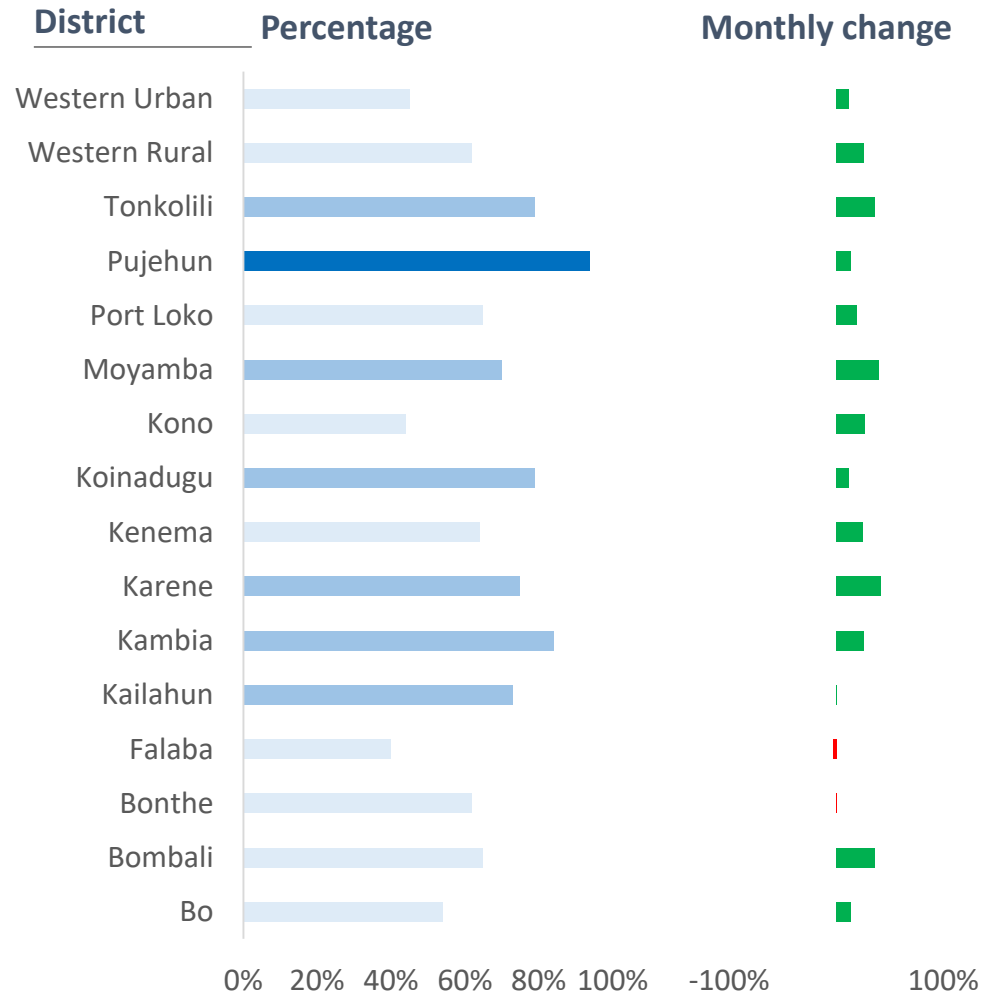
Lesson plan use in SSS is relatively new and so scores are expected to be lower than JSS for a while. However, there was notable improvement in October with the proportion of lesson scoring 3 or 4 increasing 20% to 61% of lessons observed.

Lesson Plan Use based on SSO Observation Scores



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

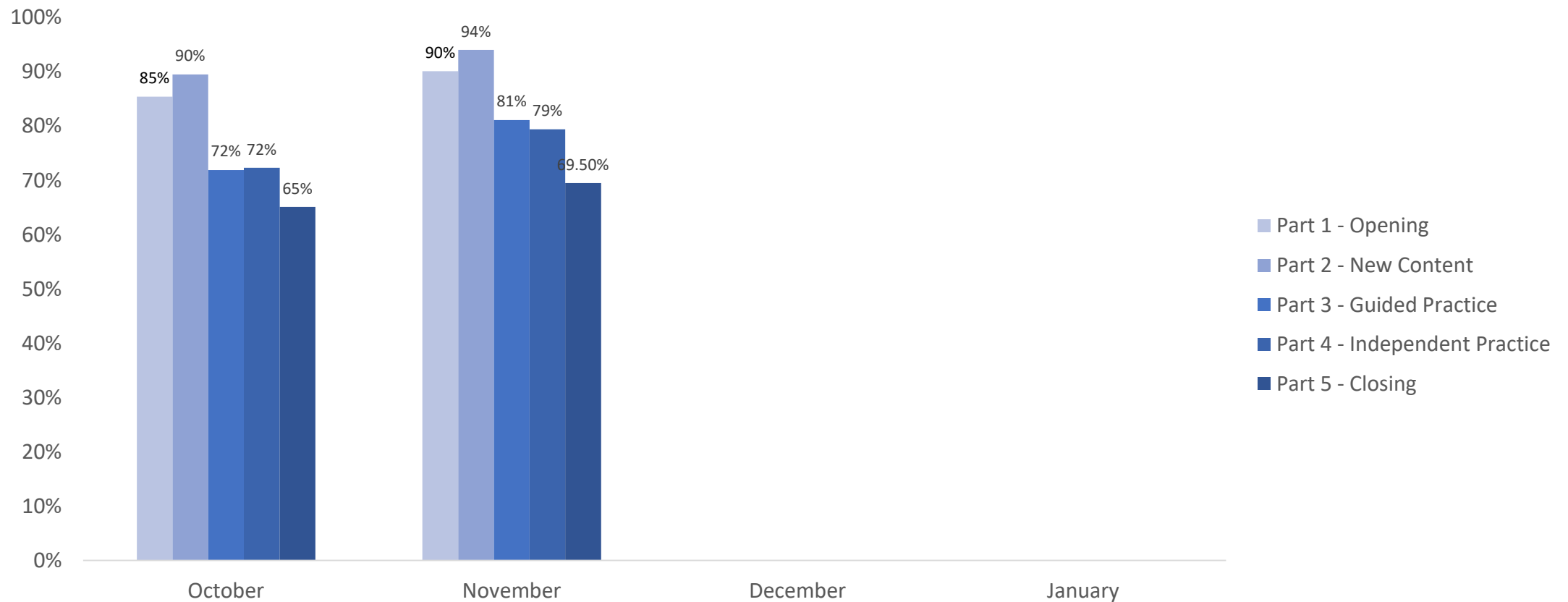
% of lesson observations scoring 3 or 4 for lesson plan use (top two ratings), by district



Extent of confident use of each of the 5 parts of the lessons plans in JSS schools

While the first two (teacher-led) parts of the lesson plans are being implemented much more still, there was encouraging improvements in the use of guided and independent practice. Tangerine automated feedback and SSO training put a big focus on this during November.

Implementation of Parts of Lesson Plans in all JSS observations



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Section 6 – Materials in classroom

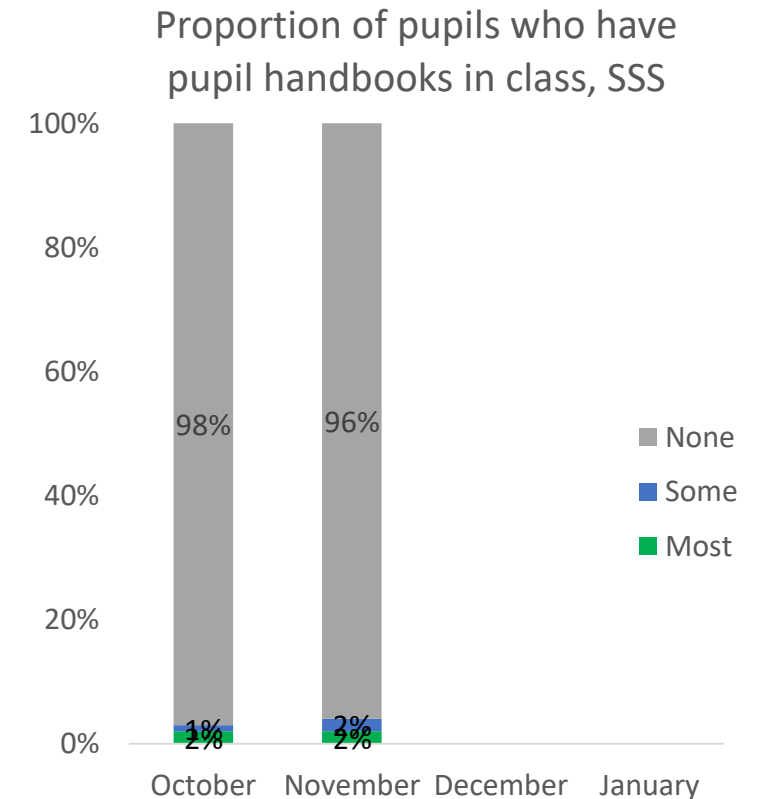
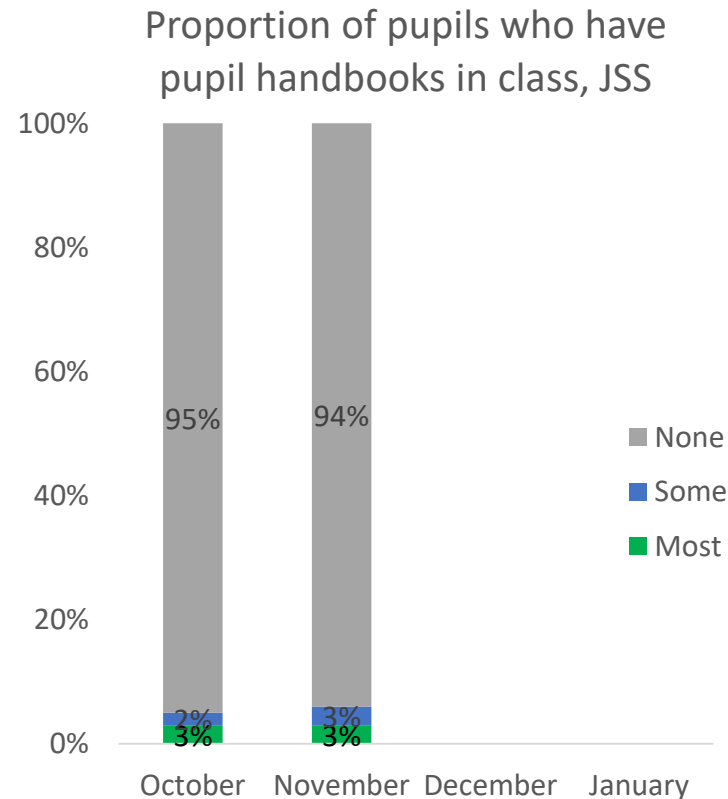
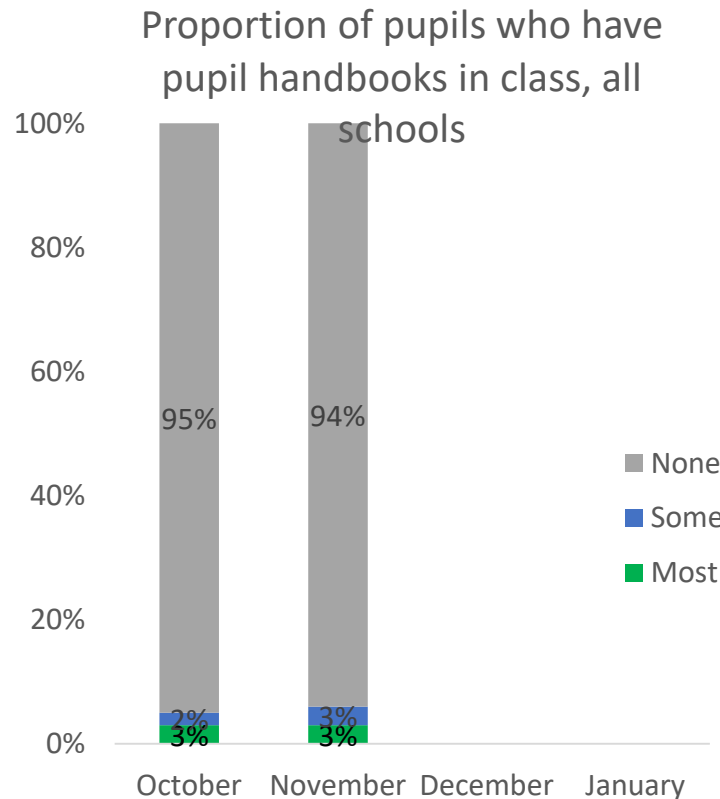


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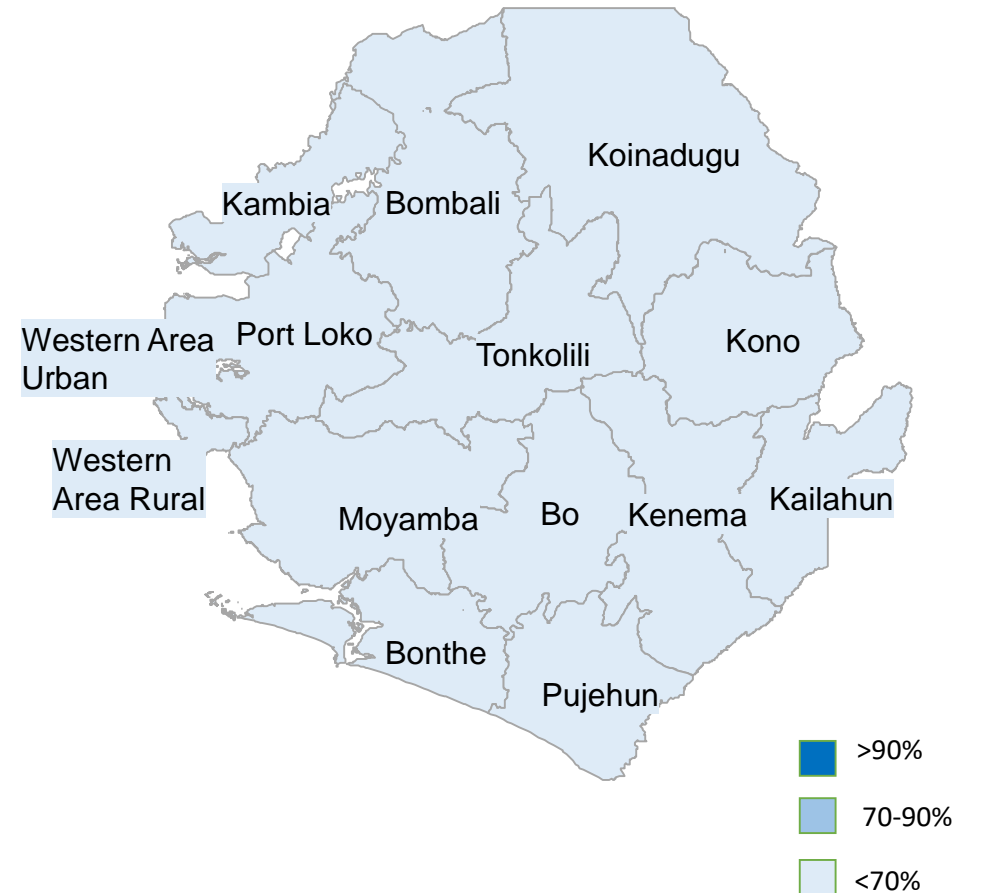
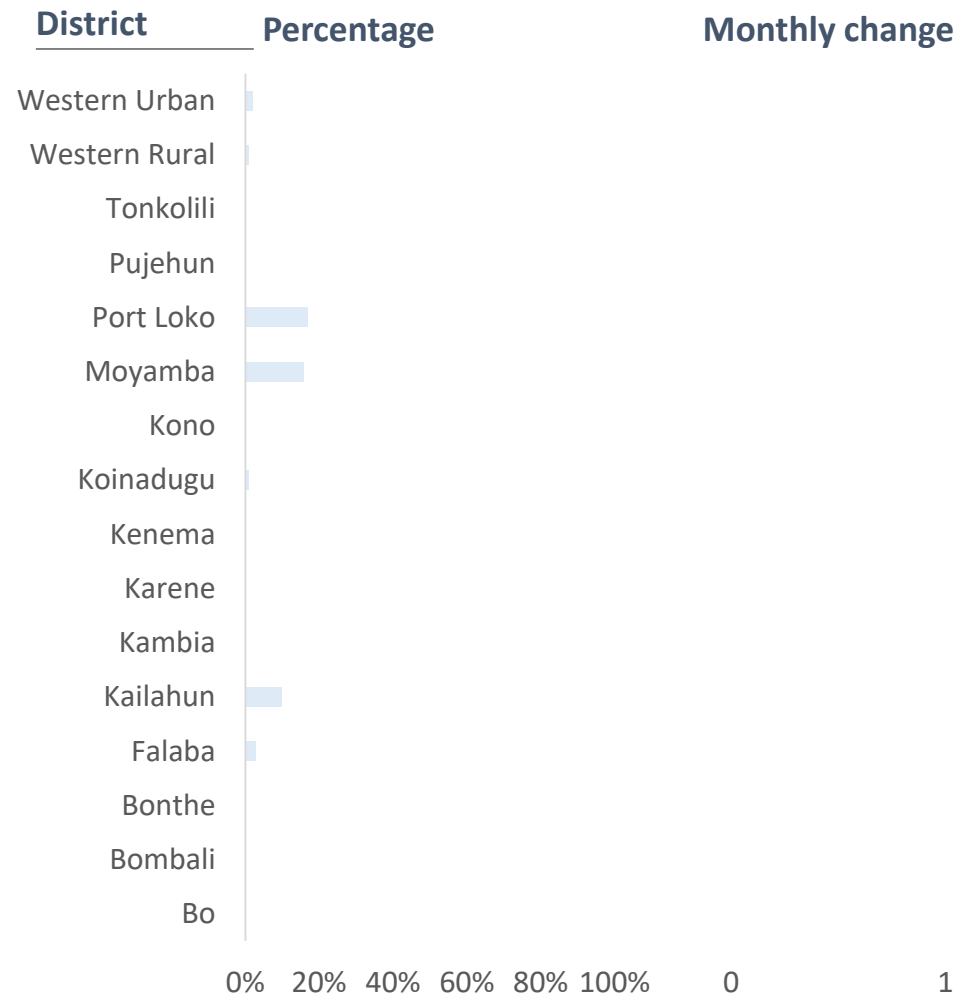
Proportion of pupils who have Pupil Handbooks in observed lessons, November

In November, there should not be any Pupil Handbooks in classrooms as they haven't been delivered yet. There is clearly a misunderstanding by a small minority of SSOs about what Pupil Handbooks are.



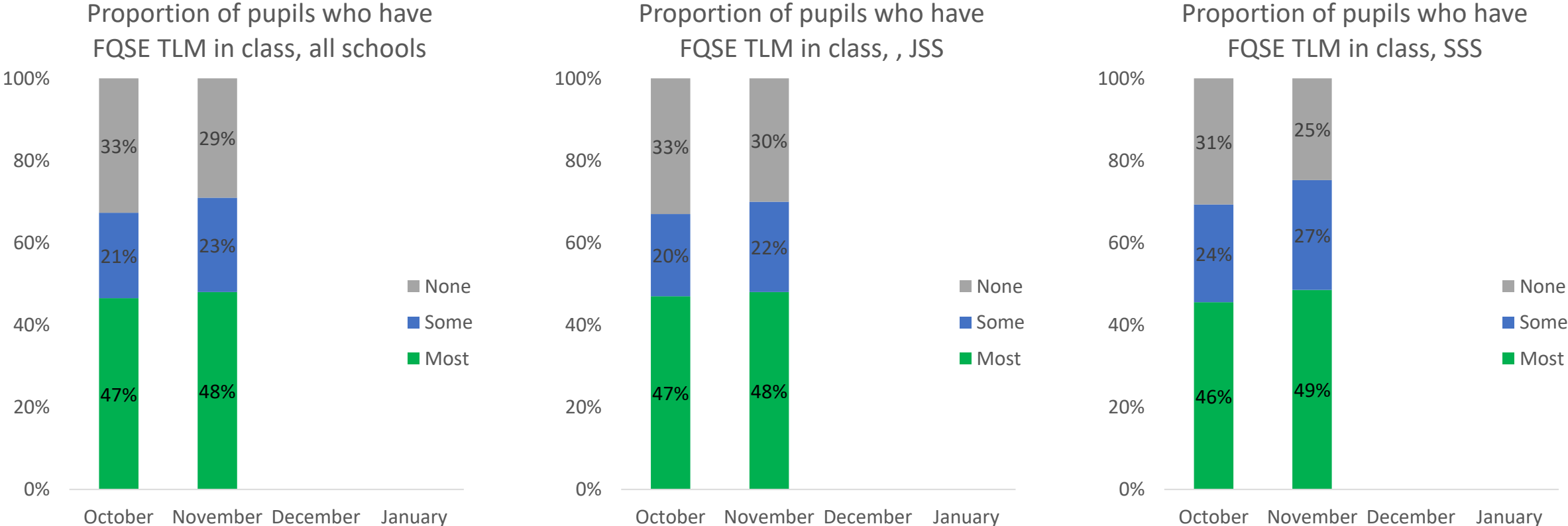
Proportion of JSS and Classrooms where 'most' pupils have pupil handbooks in class

% of lesson observations where 'most' pupils have pupil handbooks



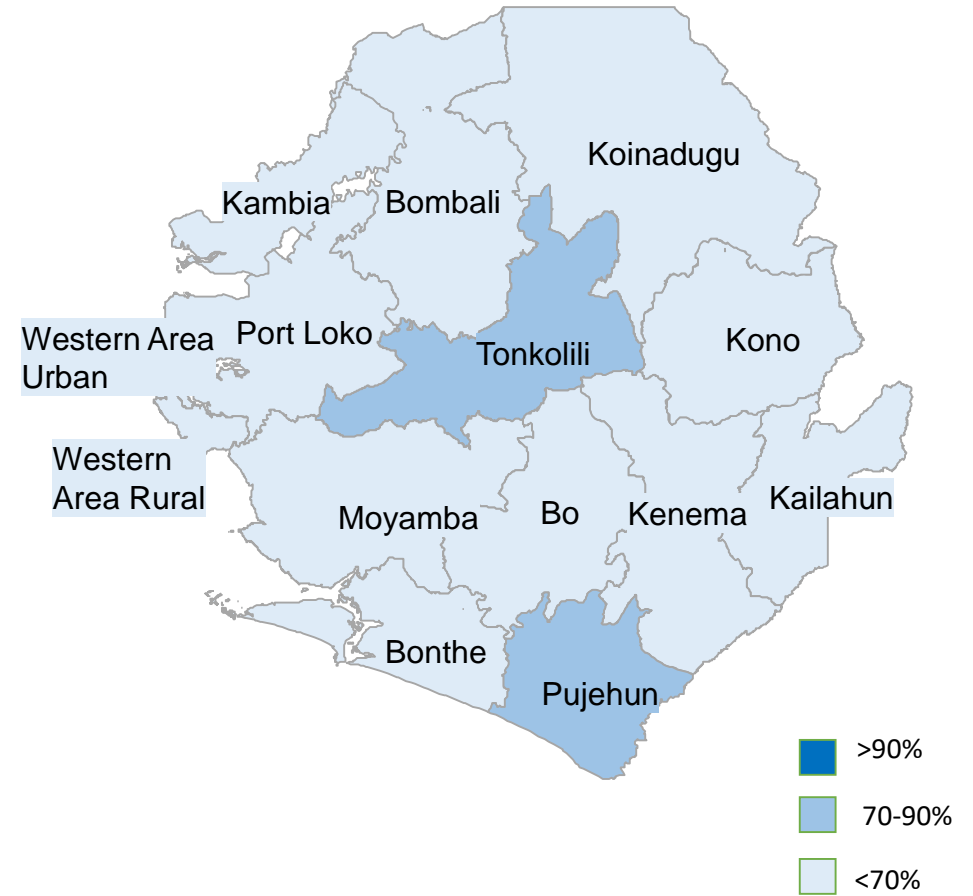
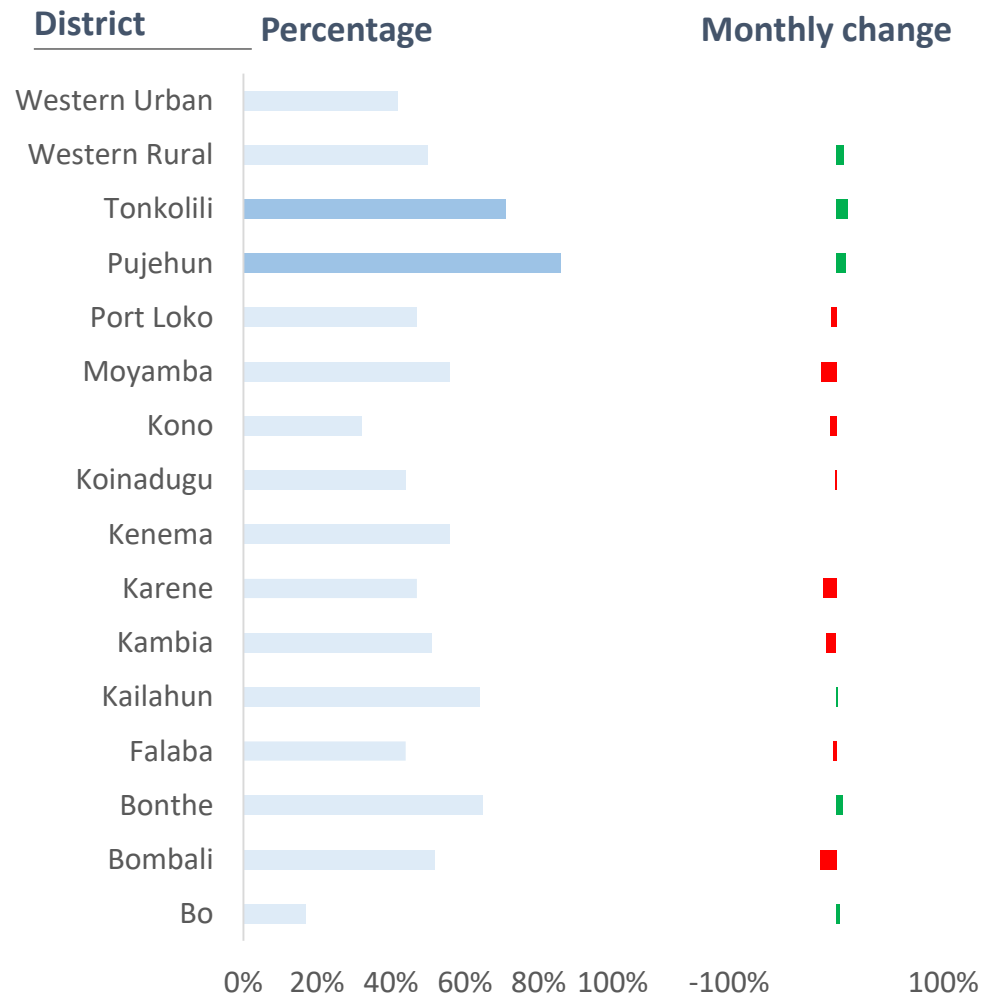
Proportion of pupils who have FQSE teaching and learning materials in class, for November

In November, FQSE teaching and learning materials were seen slightly more than in October. Almost half of classrooms had them for 'most pupils'. Below 30% of observations did not find evidence of FQSE TLMs in the classroom.



Proportion of JSS and Classrooms where 'most' pupils have FQSE teaching and learning materials

% of lesson observations where 'most' pupils have pupil handbooks



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Section 7 – Pupil Attendance



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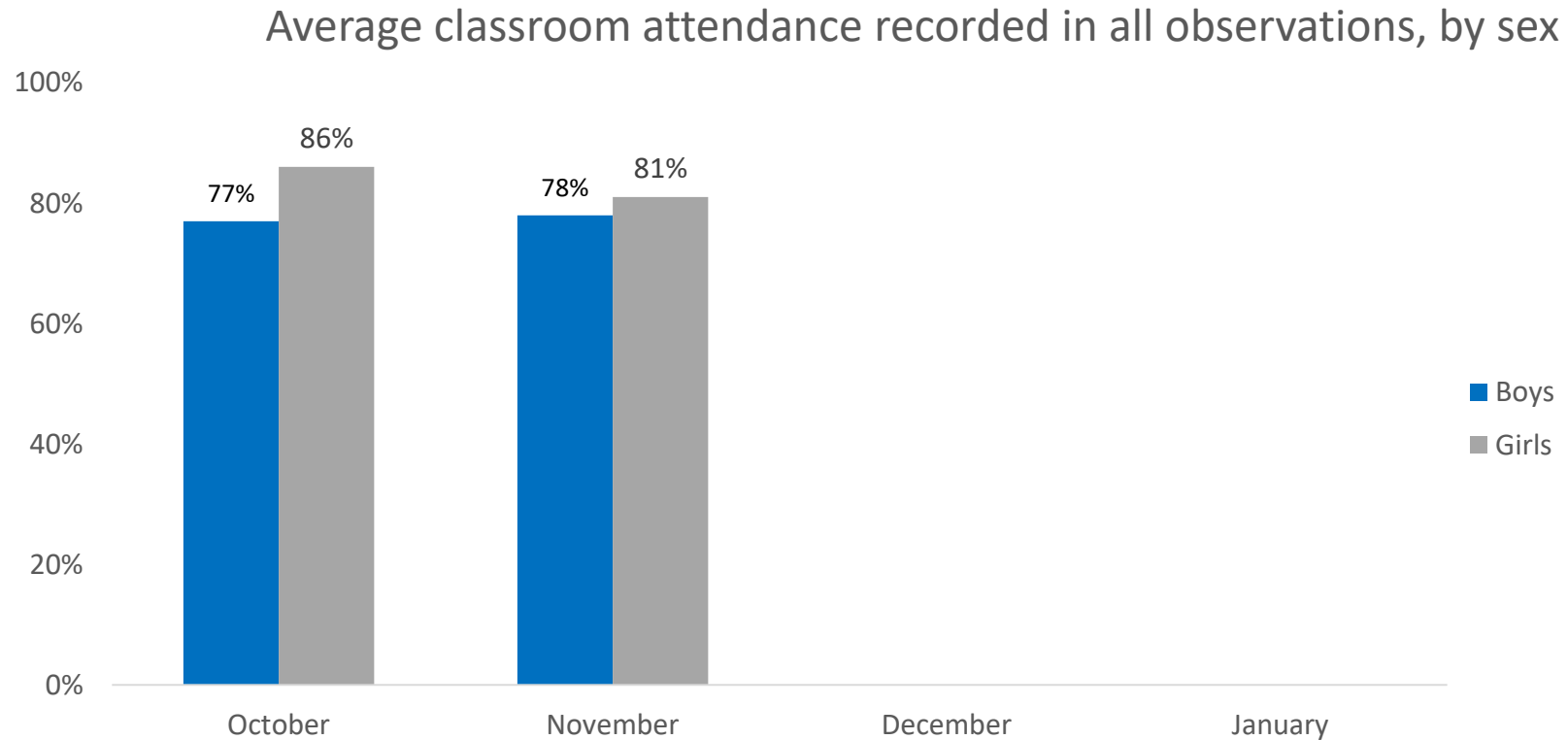


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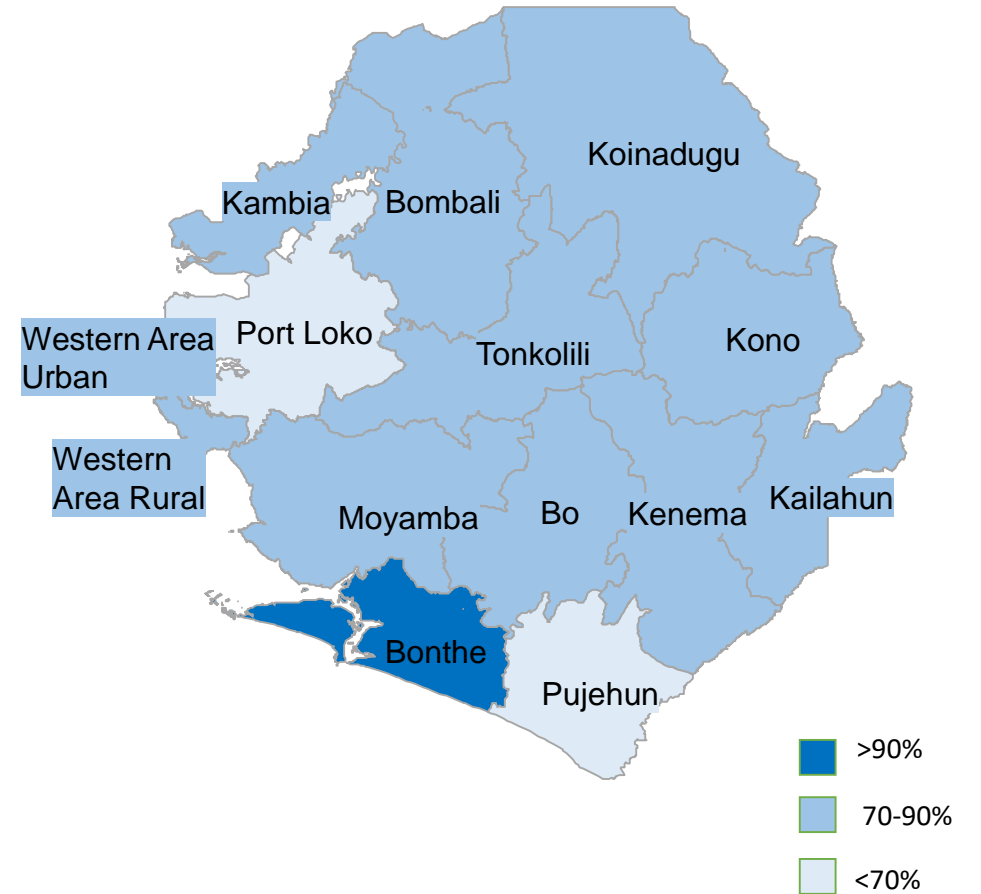
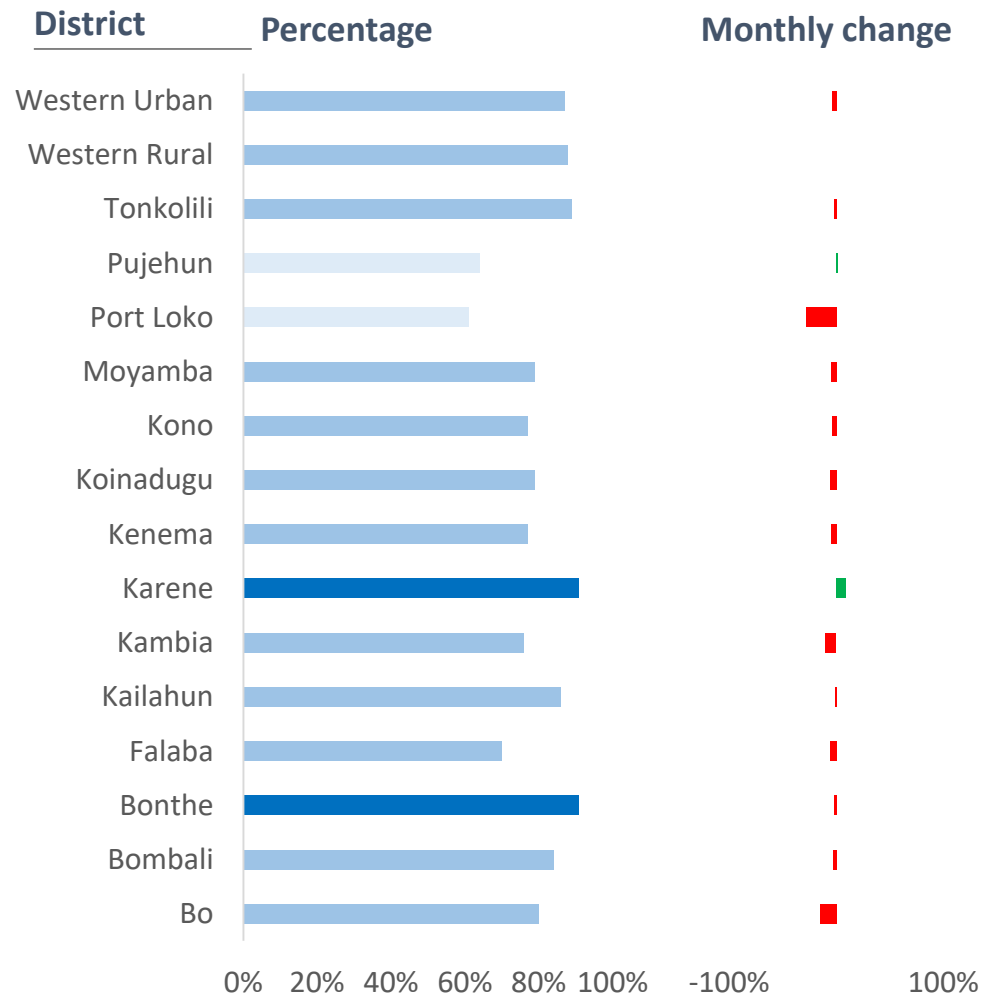
Average combined JSS and SSS classroom attendance, disaggregated by sex for November

Average attendance dropped slightly from 81% to 79% in November. Boys attendance increase a little while girls attendance dropped, although girls attendance is still higher.



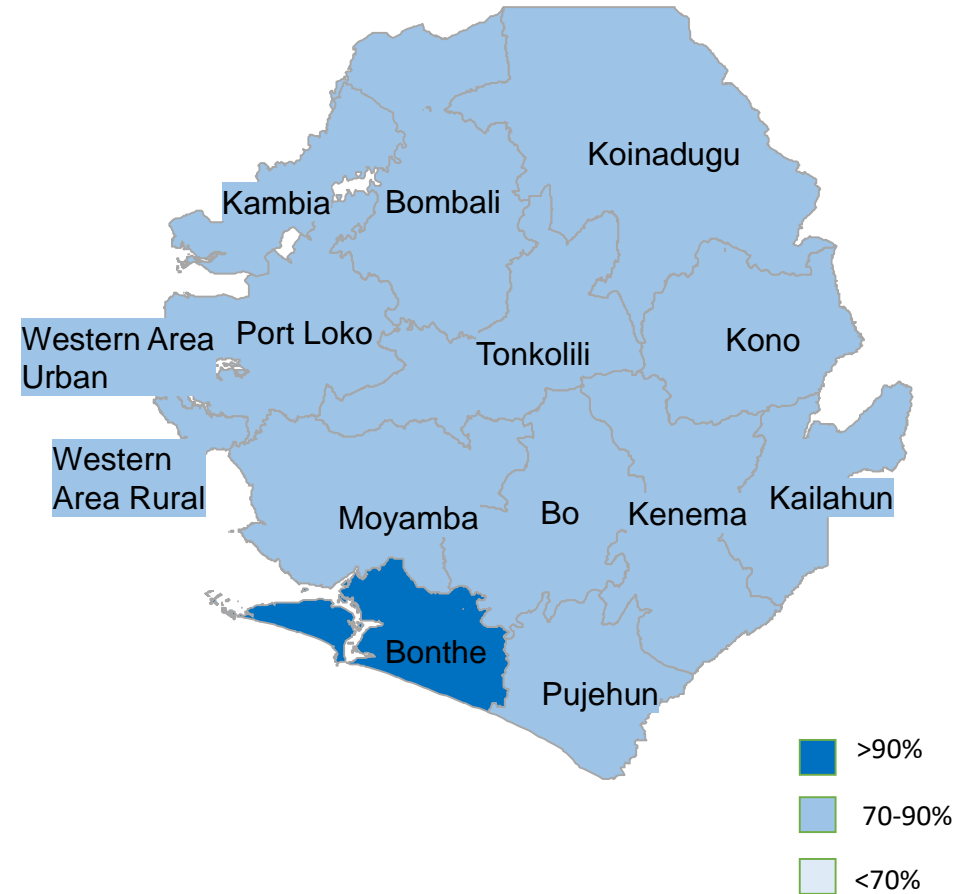
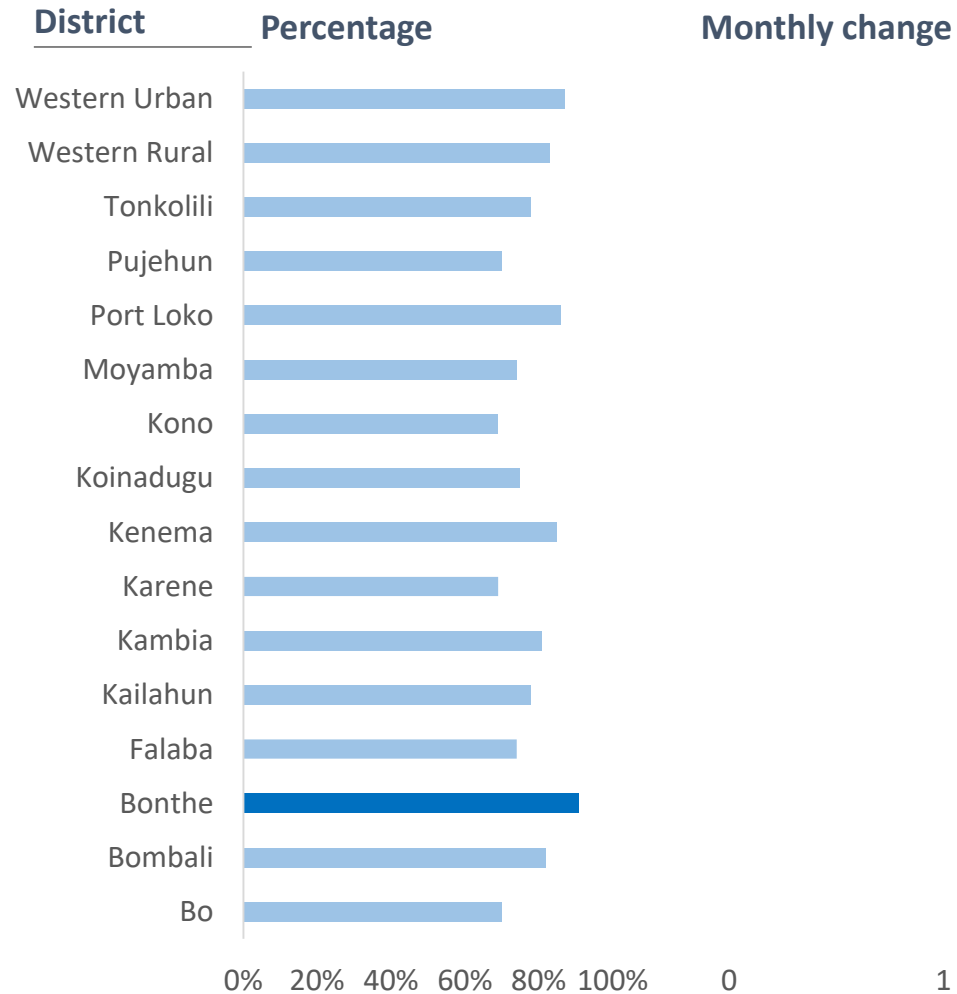
Average attendance in JSS Classrooms, both sexes by district in November

Average attendance (% of enrolled) in JSS classrooms, both sexes combined



Average attendance in SSS Classrooms, both sexes by district in November

Average attendance (% of enrolled) in SSS classrooms, both sexes combined



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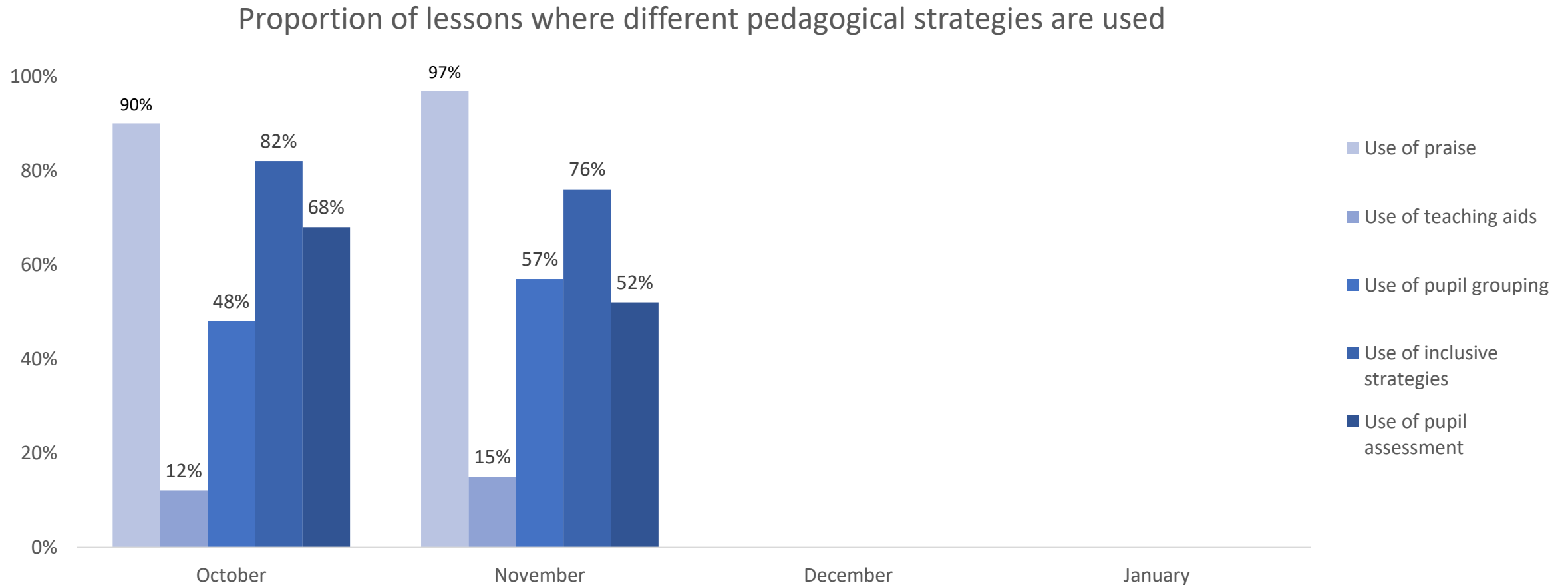
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Section 8 – Pedagogy



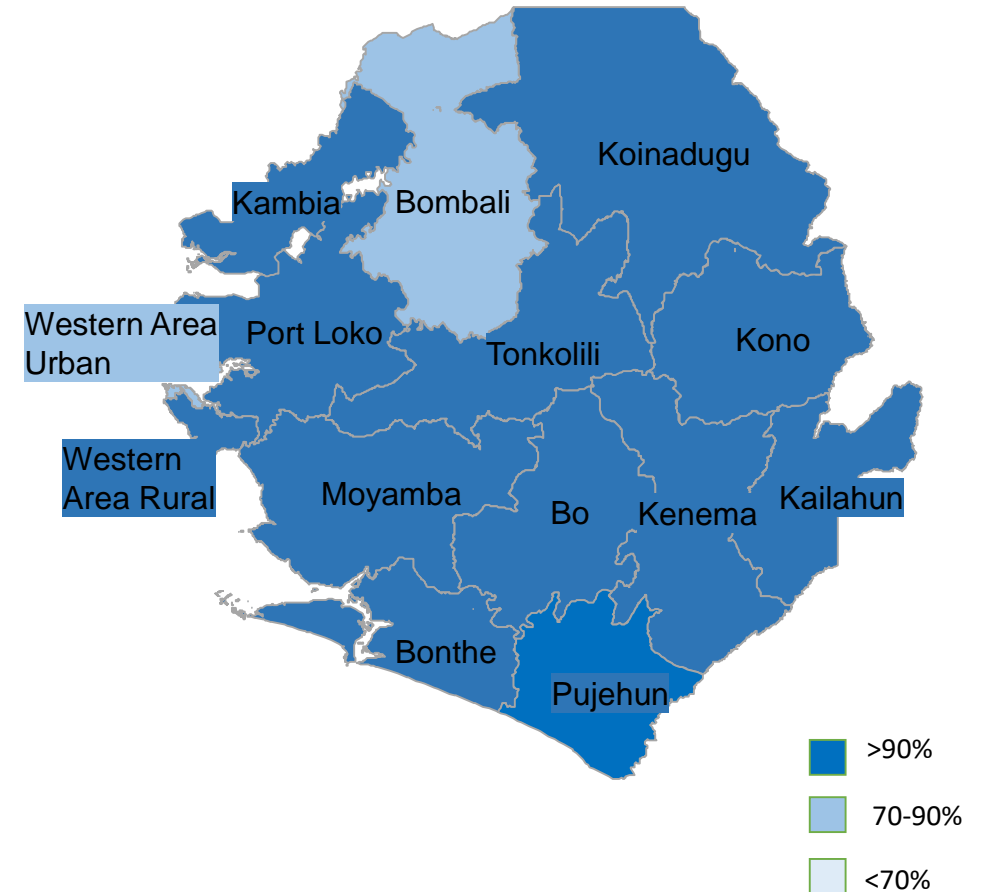
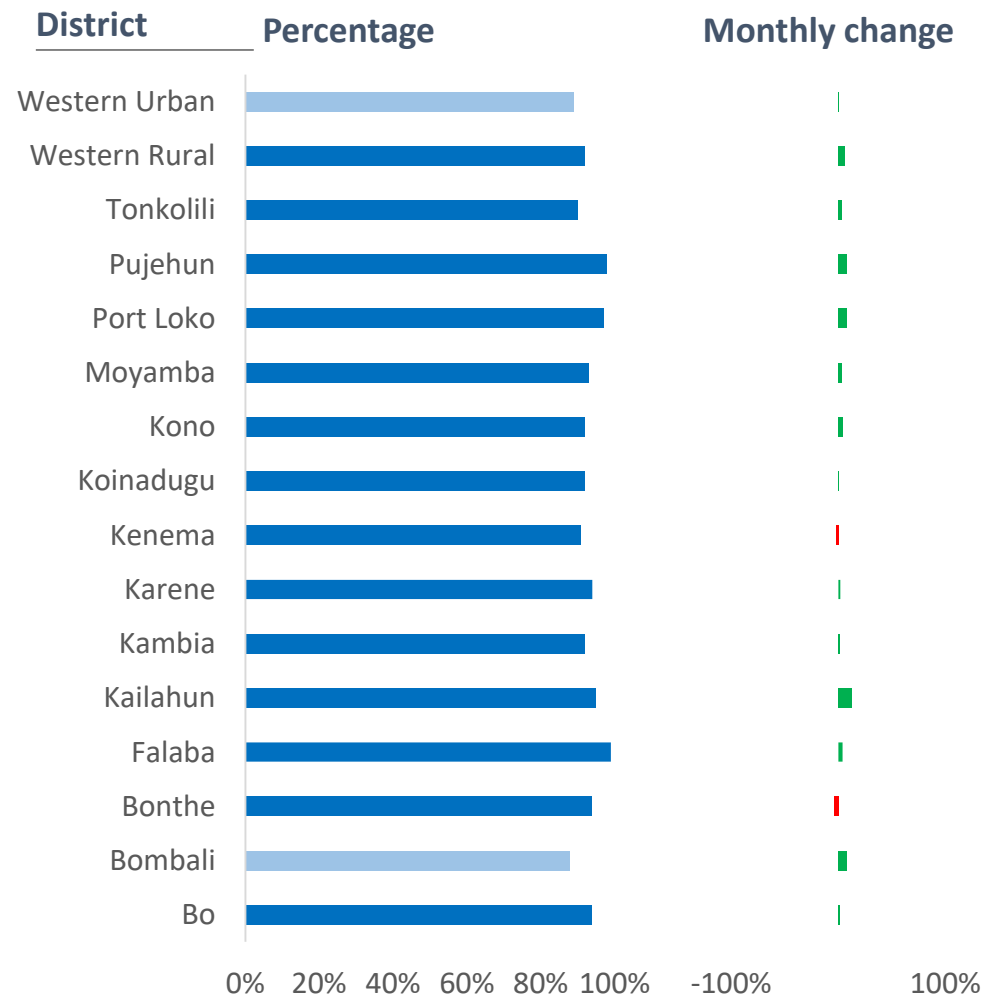
Use of pedagogical strategies in observed JSS and SSS classrooms, for November

In November there was some encouragement in terms of increased grouping, but less positive feedback in relation to inclusive strategies and use of pupil assessment



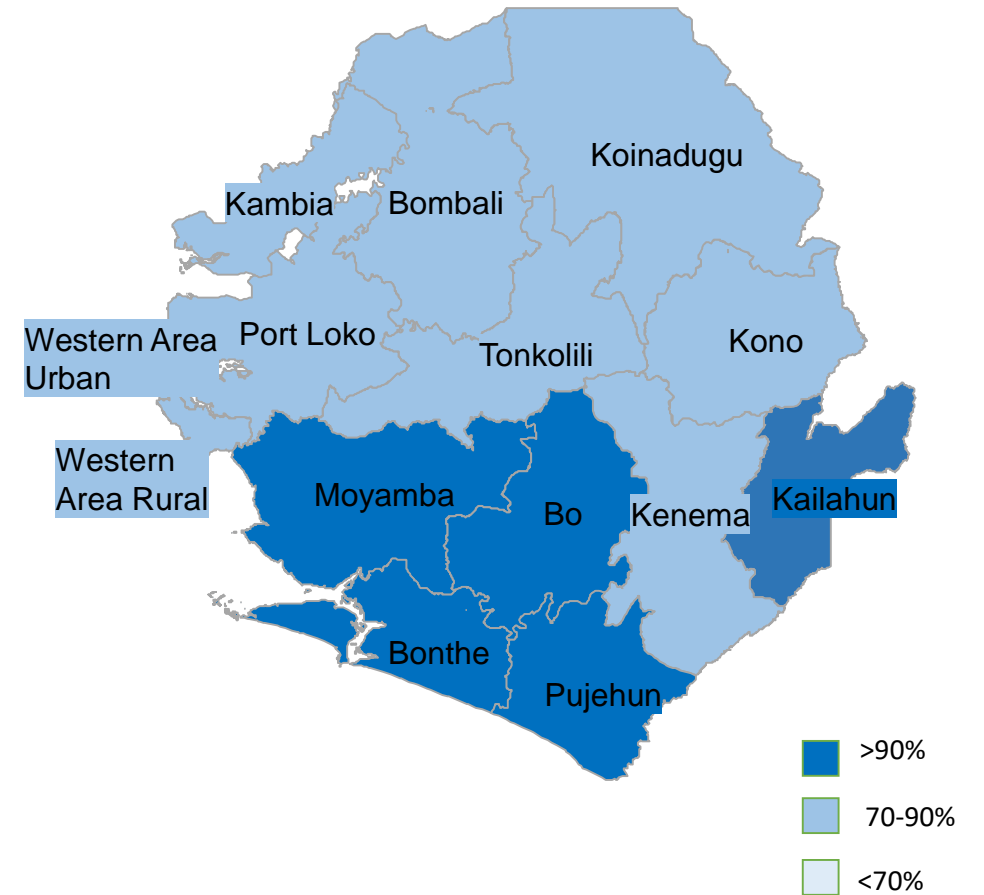
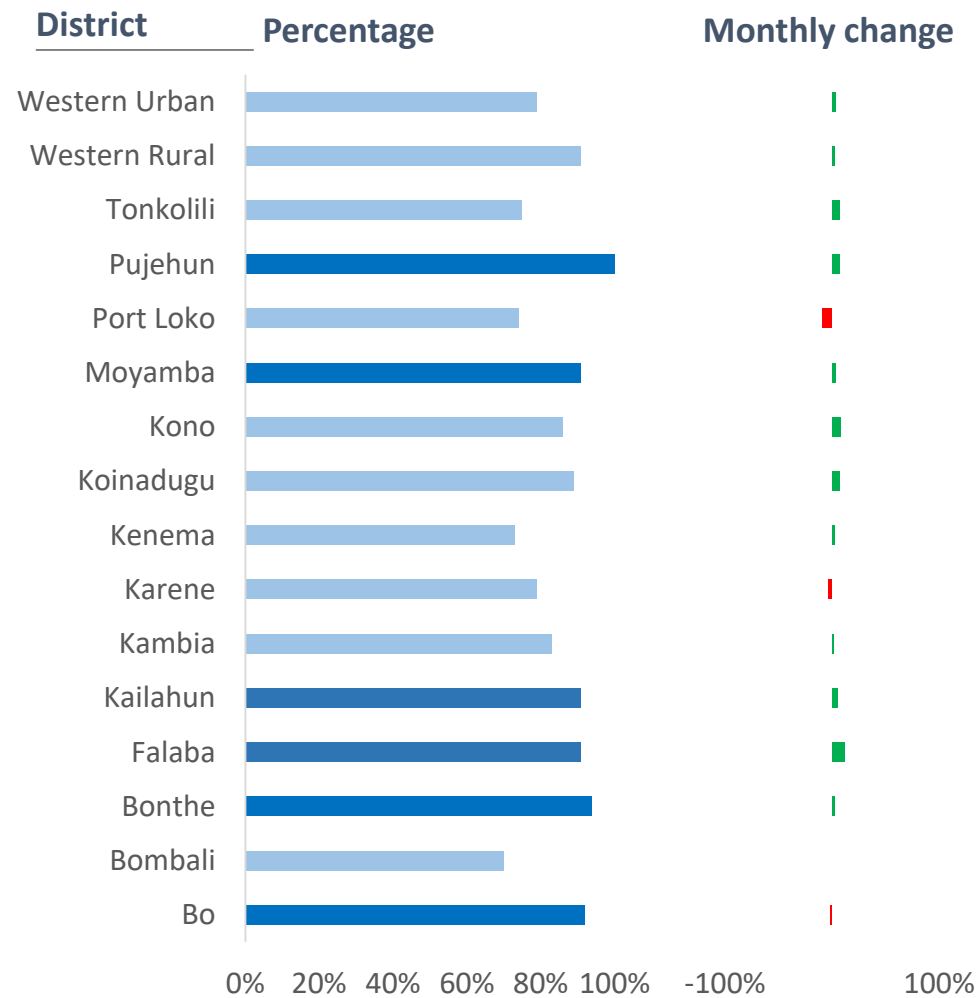
Use of Praise in observed JSS and SSS observations, by District

Proportion of observations where this teaching strategy was observed



Use of inclusive practices in observed JSS and SSS observations, by District

Proportion of observations where this teaching strategy was observed



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Improving Secondary Education in Sierra Leone

Section 6 – Summary data



Government of Sierra Leone
Ministry of Education, Science
and Technology



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	817
SSS	352
Actual Number of non private JSS Supported this month	314
Total Teachers	58,628
Primary	38,382
JSS	14,329
JSS (non-private) – LWL focus (English & Maths teachers)	4,800
Number of JSS teachers reached this month	2,525
SSS	5,917
SSS (non-private) – LWL focus (English & Maths teacher)	2,000 (estimate)
Number of SSS teachers reached this month	1,047