

Leh Wi Lan

Improving Secondary Education in Sierra Leone

Monthly School Monitoring Dashboard Report

June 2019



Leh Wi Lan

Improving Secondary Education in Sierra Leone

Section 1 – Executive Summary



Government of Sierra Leone
Ministry of Education, Science
and Technology



UKaid
from the British people

M **M**
MOTT
MACDONALD

Monthly highlights

Highlights

- The real-time online dashboard is available at <https://reporting.lehwilan.org/>
- Key observations related to school visits are:
 - Significant increase over May in the proportion of classrooms observed where most pupils had Pupil Handbooks
 - Lesson plan presence in classrooms continues to be high at over 90% of classrooms observed
 - Effective use of lesson plans continues to increase, with lesson observation scoring 3 or 4 increased (3-following the LPM, 4-following the LPM and prepared for lesson)
 - All 14 districts conducted monthly DEO performance management meetings, for only the second time this year (no separate meetings yet for the new districts, Falaba and Karene)
 - There was significant decrease in the proportion of pupils who do not have FQSE teaching and learning materials, for both JSS and SSS

Areas needing improvement

- Proportion of the FQSE teaching and learning materials
- There is still a need for improvement on effective use of lesson plans with approximately 25-30% of teachers still scoring 1 or 2 in LPM usage – this is now largely unchanged for several months.
- Attendance dropped a little this month compared to recent months in JSS (though improved for SSS)

Dashboard related issues

Key issues this month

- Overall increase over May in the number of SSO observations recorded on Tangerine. However, the increase was driven by SSS as the number of JSS observations decreased compared with May.
- The fifth report since the completion of the real-time online dashboard. To promote awareness and use of the dashboard, we have replaced some charts with screenshots taken directly from the dashboards.
- We have used some of the data from the dashboard in this report, but very little. This report is aimed to enhance rather than duplicate the work of the dashboard. While you can filter the dashboard in real time by location, subject or grade this reporting focuses on doing three other things:
 - Providing comparison over time – to track month on month change
 - Providing maps to show monthly district comparison at a glance
 - Providing some basic analysis and commentary on the data
- The dashboard available at <https://reporting.lehwilan.org/> and has been optimized for faster downloads in districts.

Leh Wi Lan

Improving Secondary Education in Sierra Leone

Section 1 – DEO Monthly Meetings

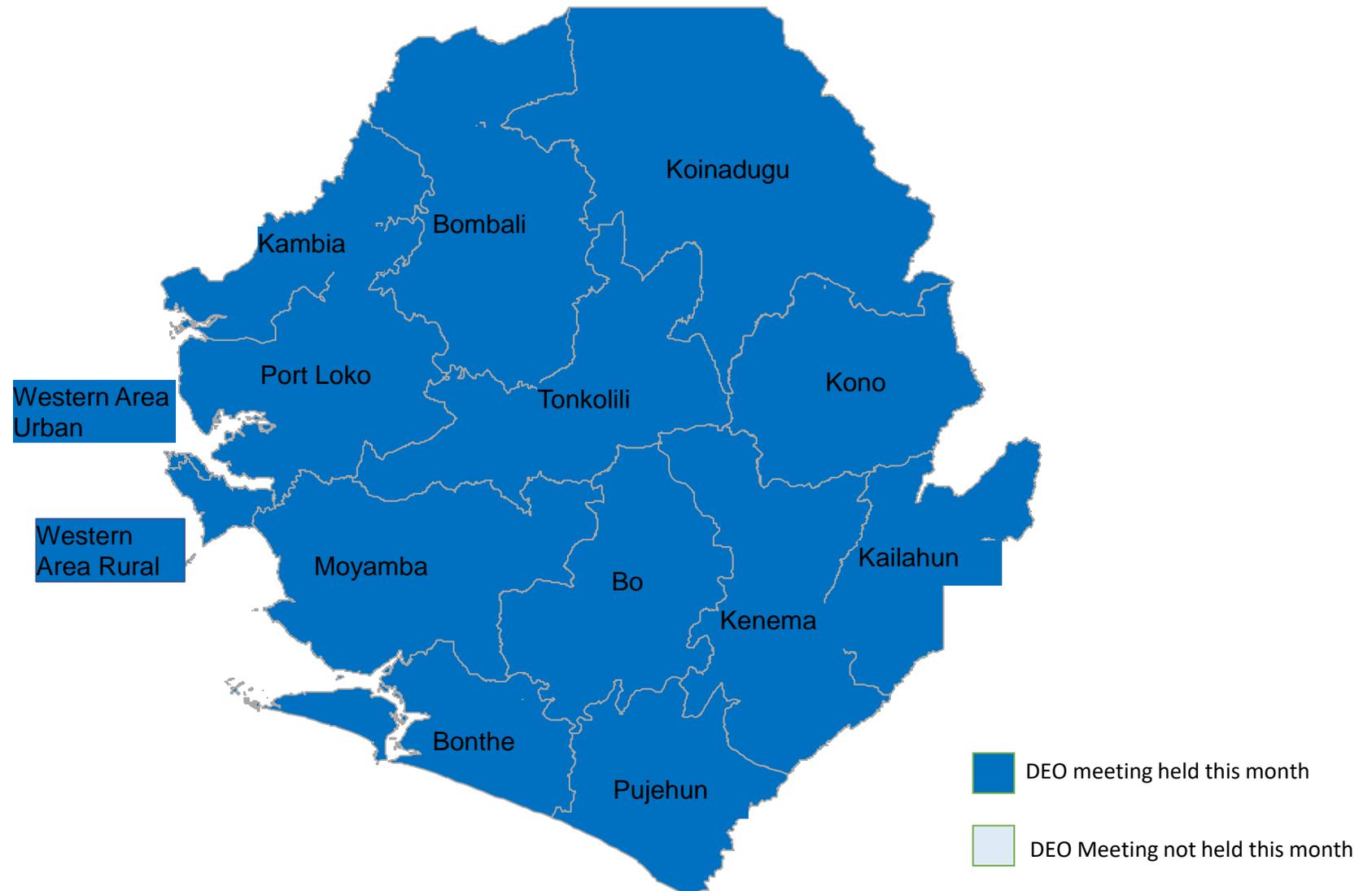


DEO Monthly Meeting

Fourteen districts held monthly meetings reinforcing the fact that the majority of districts now hold a regular performance management meeting.

The focus is now on improving the quality of these meetings and linking them to the reviewing the progress of district implementation plans.

	Jan	Feb	Mar	April	May	June
Districts holding Monthly meetings	13	0	14	11	12	14
Districts not holding Monthly meetings	1	14	0	3	2	0



Leh Wi Lan

Improving Secondary Education in Sierra Leone

Section 2 – SSO observations recorded on Tangerine



Government of Sierra Leone
Ministry of Education, Science
and Technology



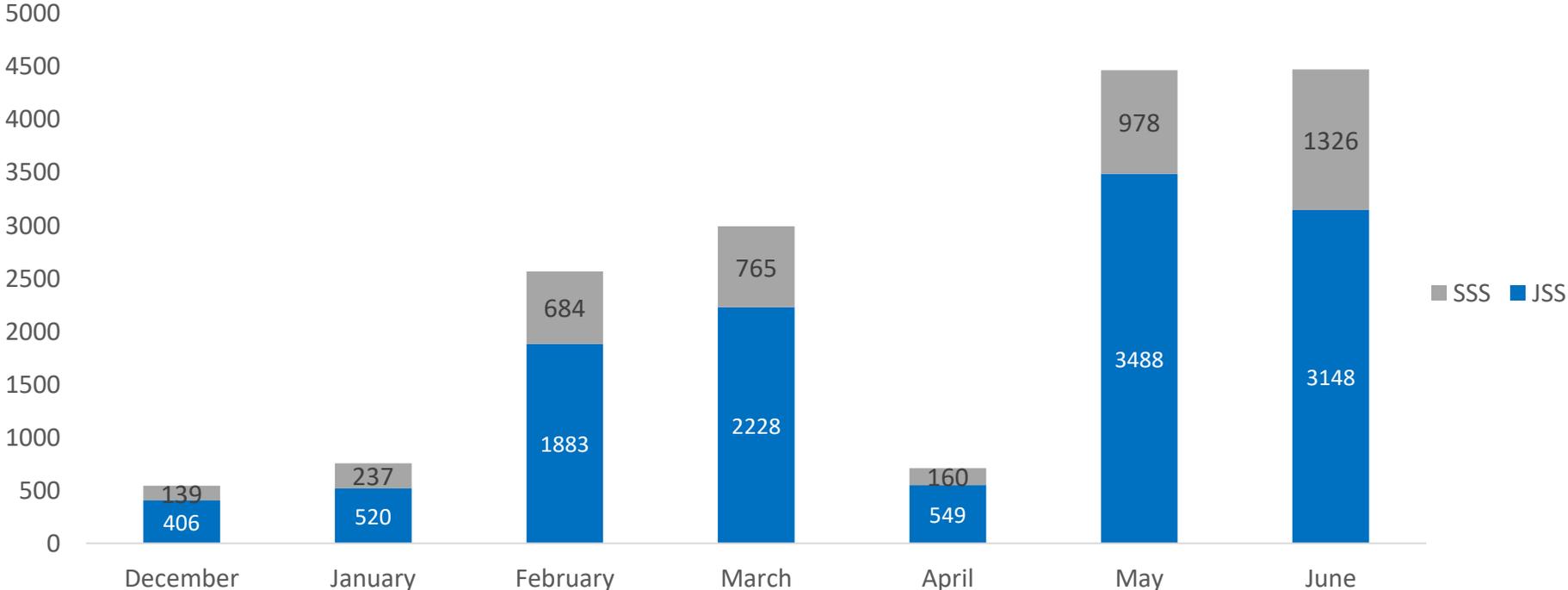
UKaid
from the British people

M **M**
MOTT
MACDONALD

SSO classroom observations recorded on Tangerine, June

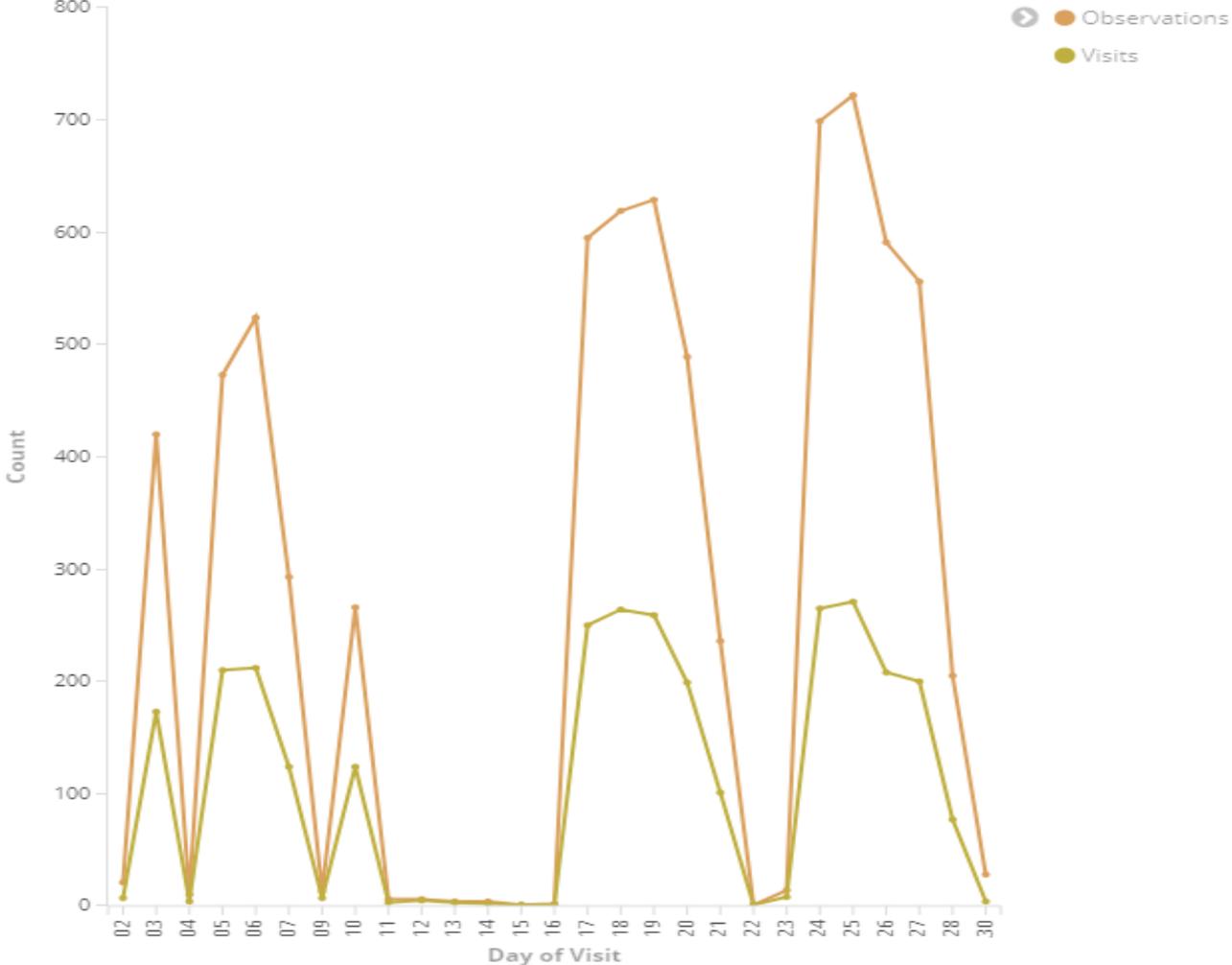
The number of observations recorded increased to 4474 in the month of June, with an increase for SSS and decrease for JSS

Number of lesson observations recorded by SSOs on Tangerine



SSO classroom observations recorded on Tangerine, June

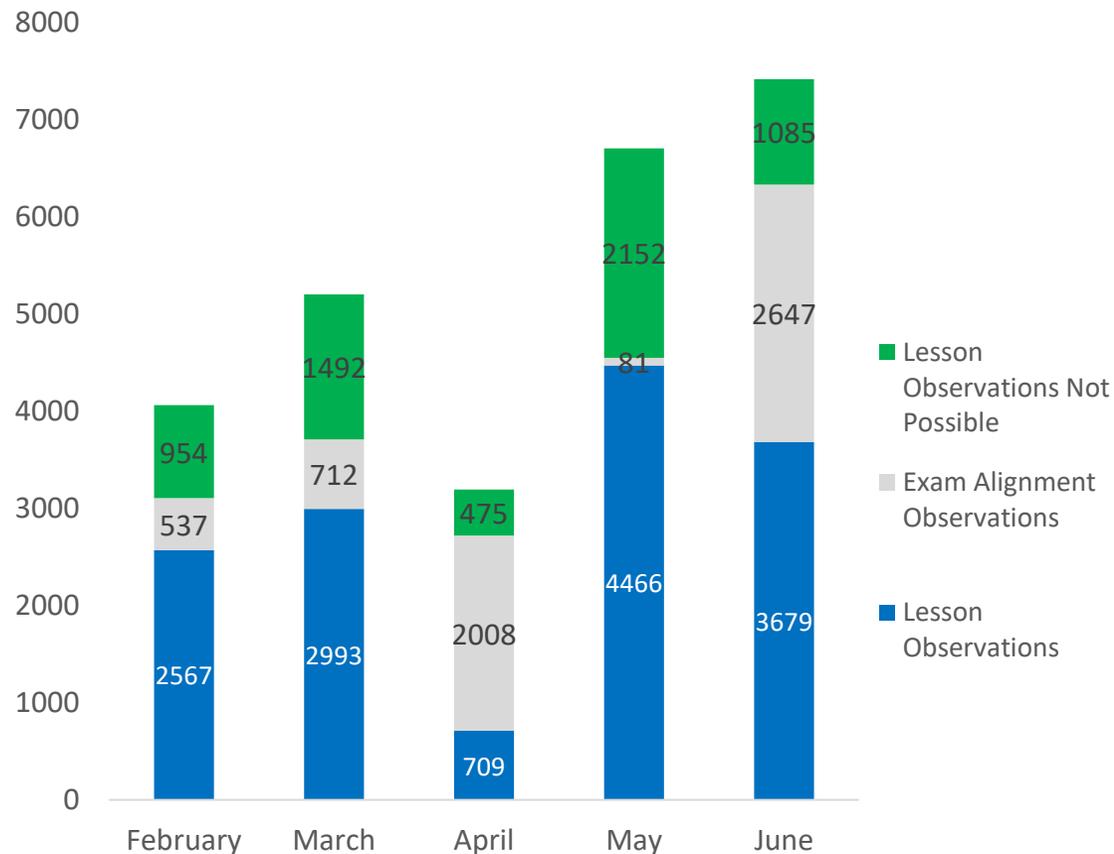
Daily School Visits and Observations



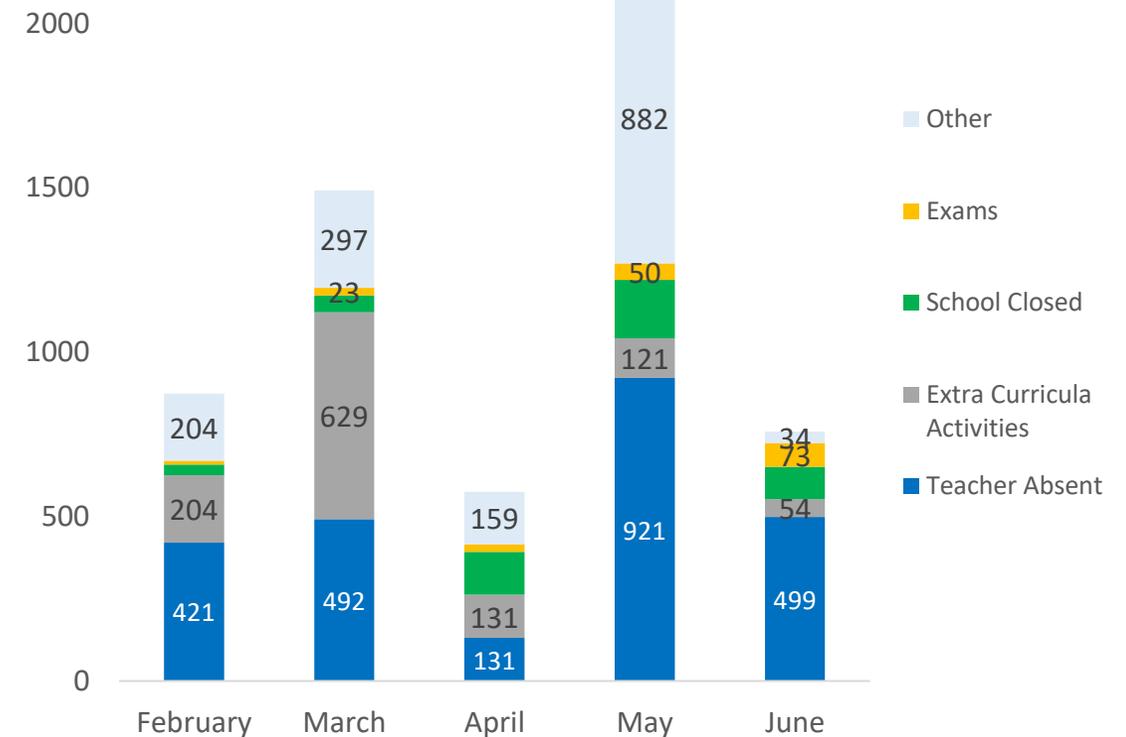
All SSO activity recorded on Tangerine, June

The number of recorded activity increased again this month, with lesson observations falling but exam alignment reviews spiking due to the start of the assessment period. 'Unable to observe' entries were much lower this month too.

Number of all types of observations recorded



Reasons for lesson observations not being possible



Leh Wi Lan

Improving Secondary Education in Sierra Leone

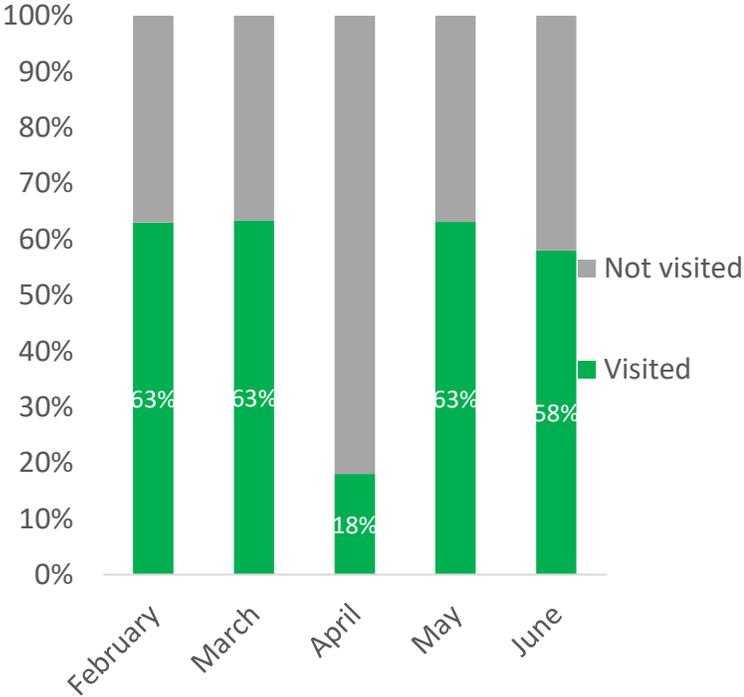
Section 3 – SSO visits to schools



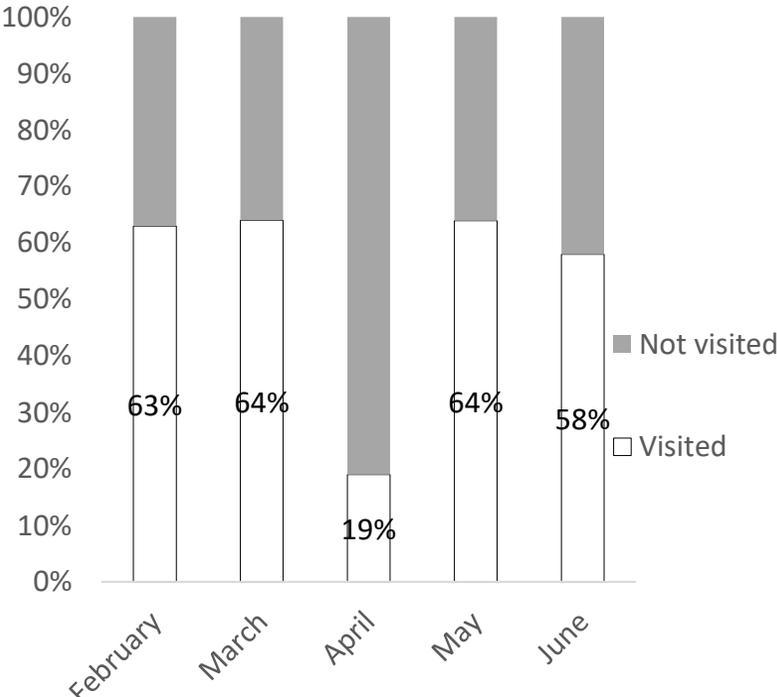
SSO visits to JS and SS Schools for Observations, June

The number of schools receiving classroom observations dropped slightly this month – likely due to the number of schools visited during exams given the high number of exam alignment reviews

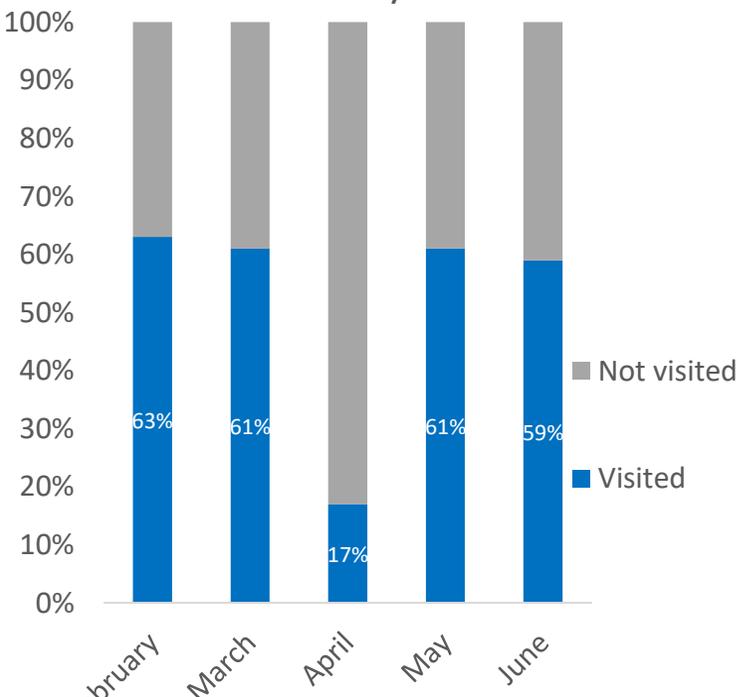
Percentage of JSS and SSS schools visited by SSOs



Percentage of JSS schools only visited by SSOs

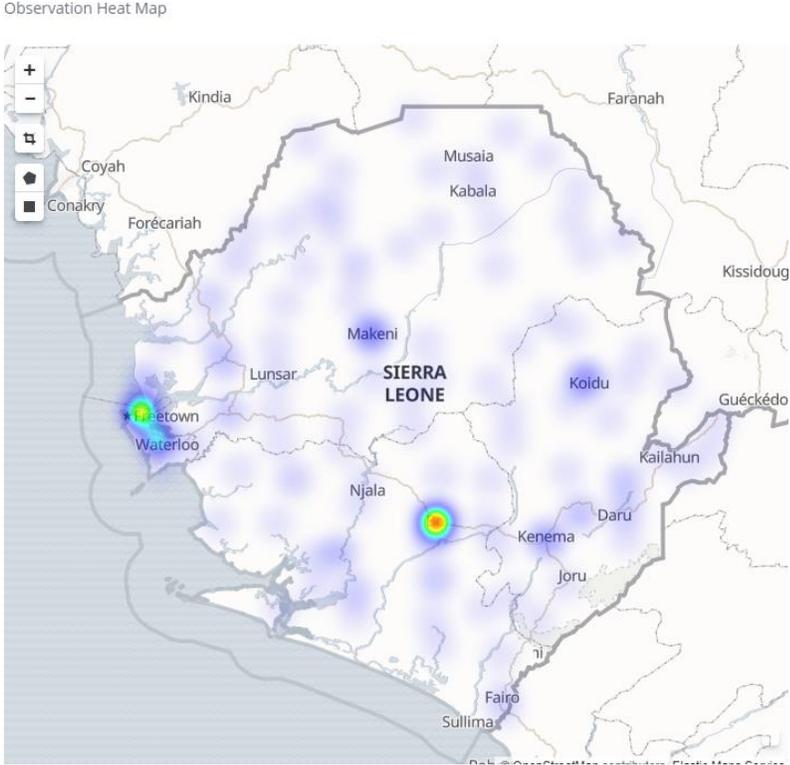


Percentage of SSS schools only visited by SSOs

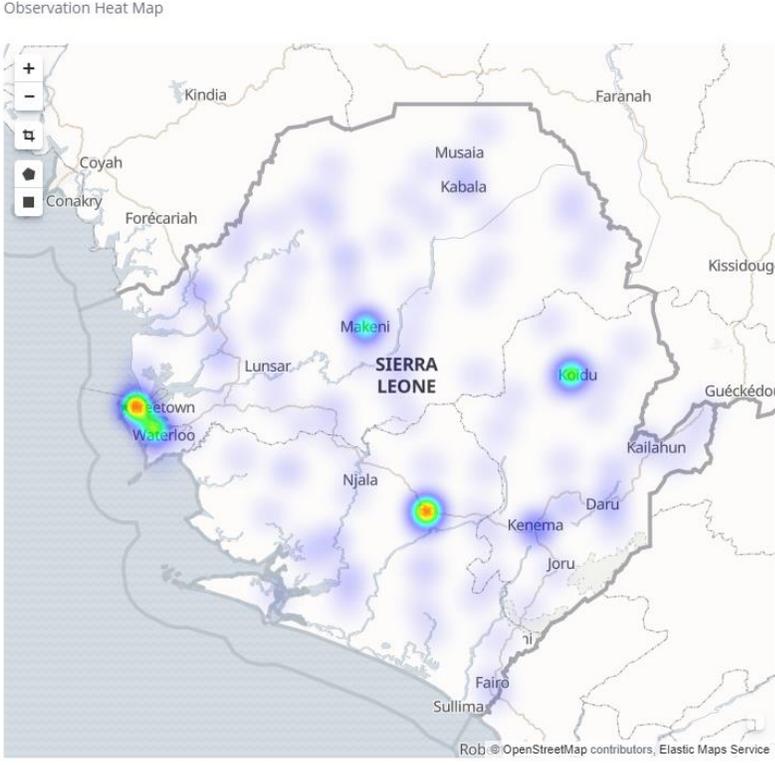


Observation heat map for the Month of June

From the heat map it can be seen that similar areas of the country were well visited in May and June



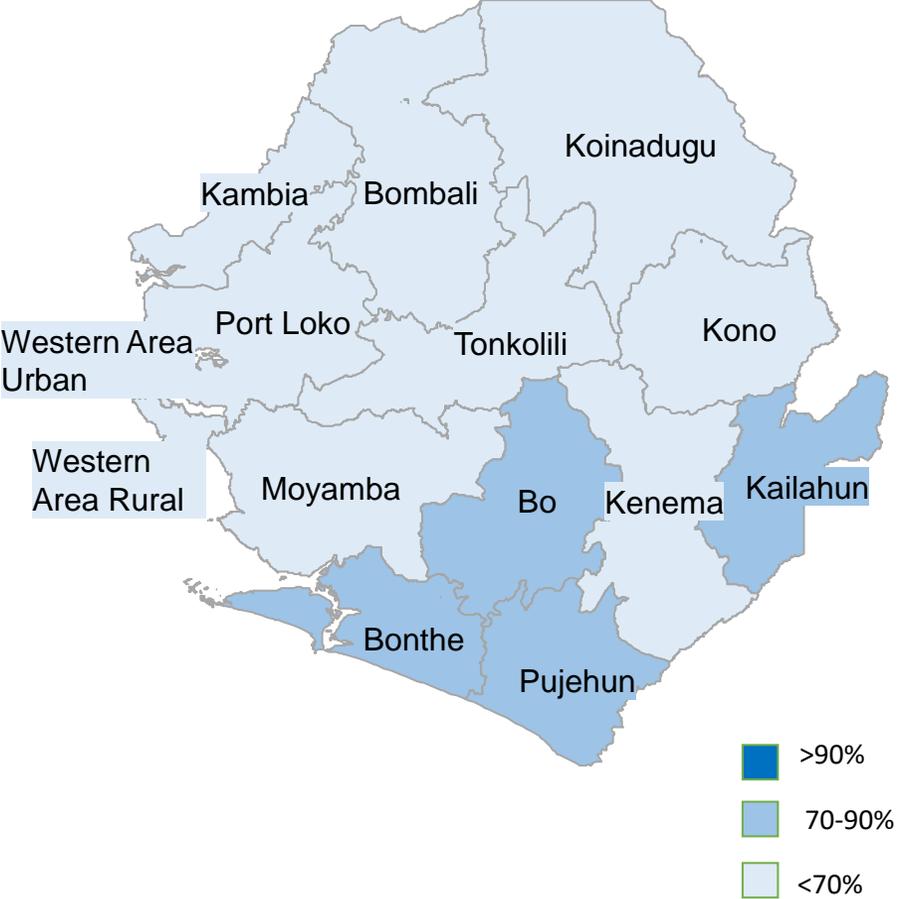
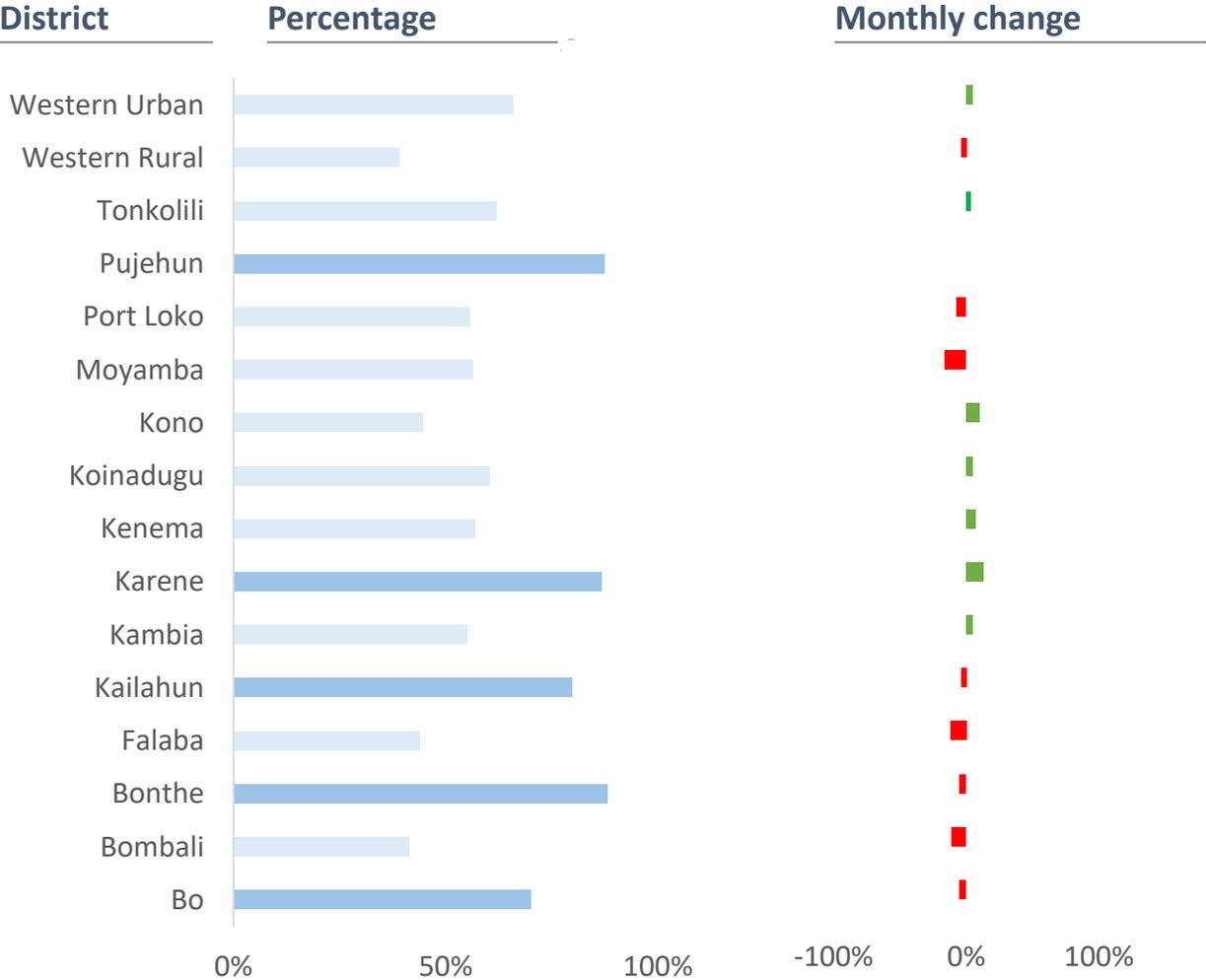
May



June

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

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



Leh Wi Lan

Improving Secondary Education in Sierra Leone

Section 4 – Supervisor visits to schools



Government of Sierra Leone
Ministry of Education, Science
and Technology



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

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

District Percentage Monthly change

- Western Urban
- Western Rural
- Tonkolili
- Pujehun
- Port Loko
- Moyamba
- Kono
- Koinadugu
- Kenema
- Kambia
- Kailahun
- Bonthe
- Bombali
- Bo

A few school visits were recorded through the Tangerine pilot with supervisors. Rollout to all supervisors will enable monthly reporting.

0% 20% 40% 60% 80% 100%



■ >90%
 ■ 70-90%
 ■ <70%

Leh Wi Lan

Improving Secondary Education in Sierra Leone

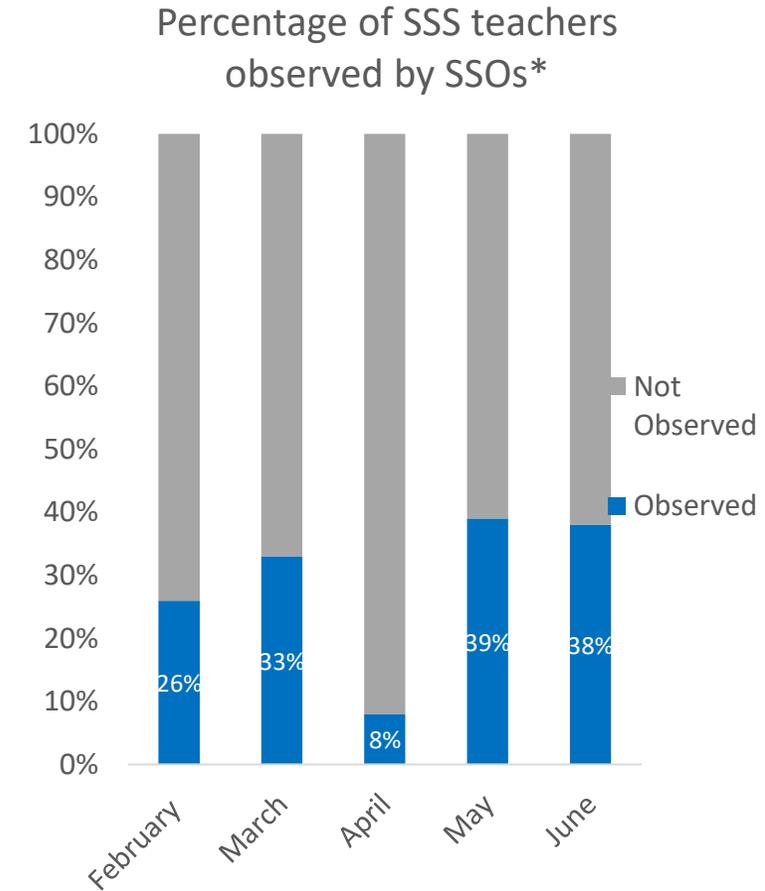
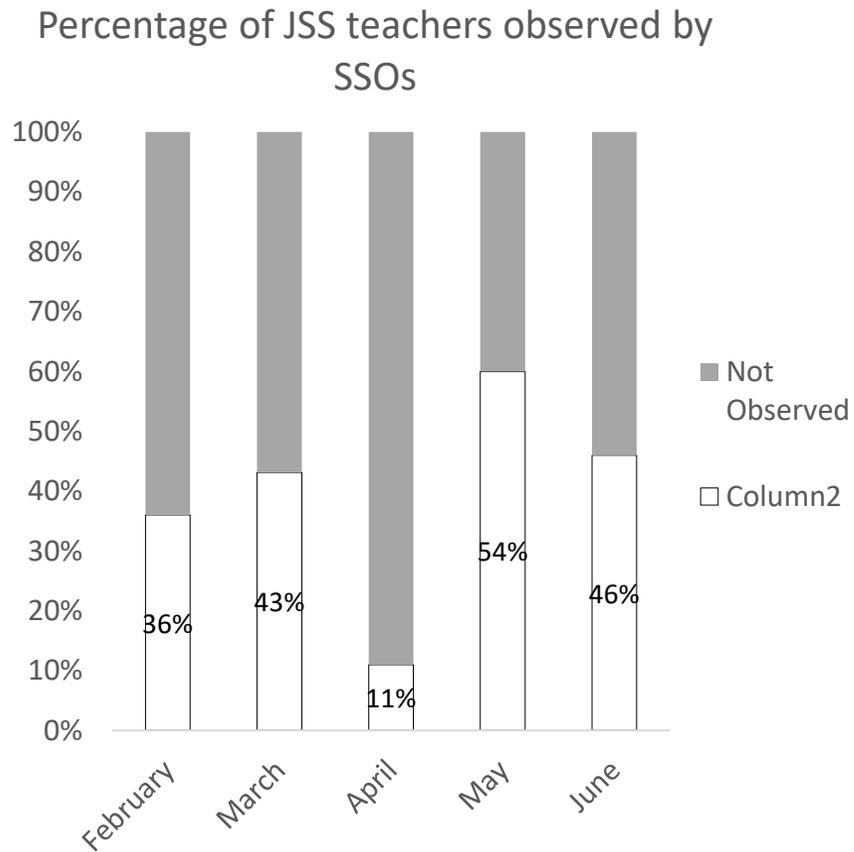
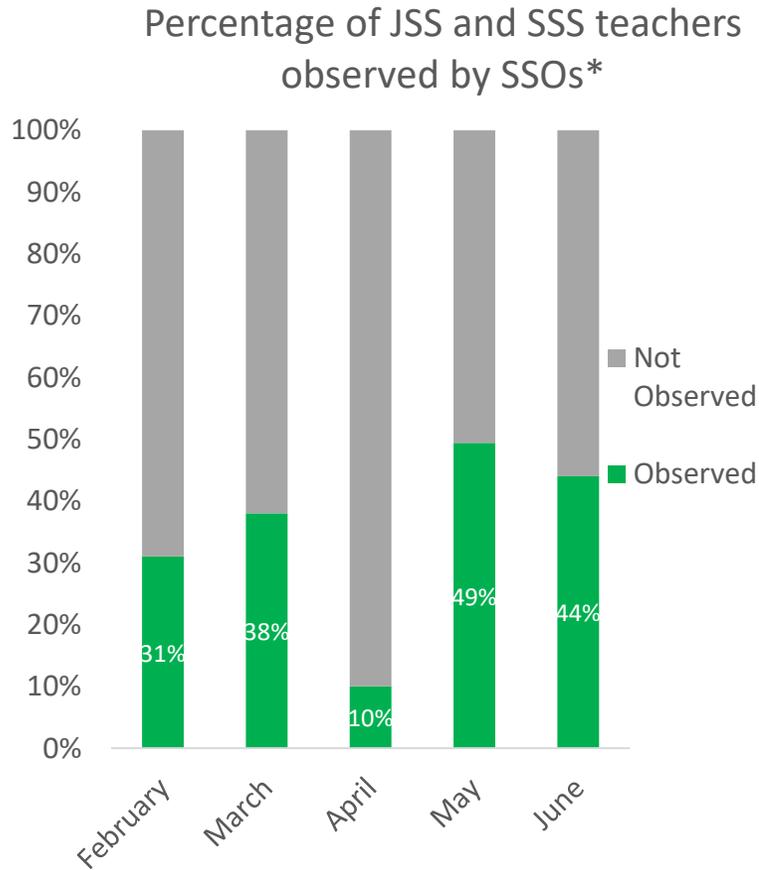
Section 5 – SSO observation of teachers



Government of Sierra Leone
Ministry of Education, Science
and Technology



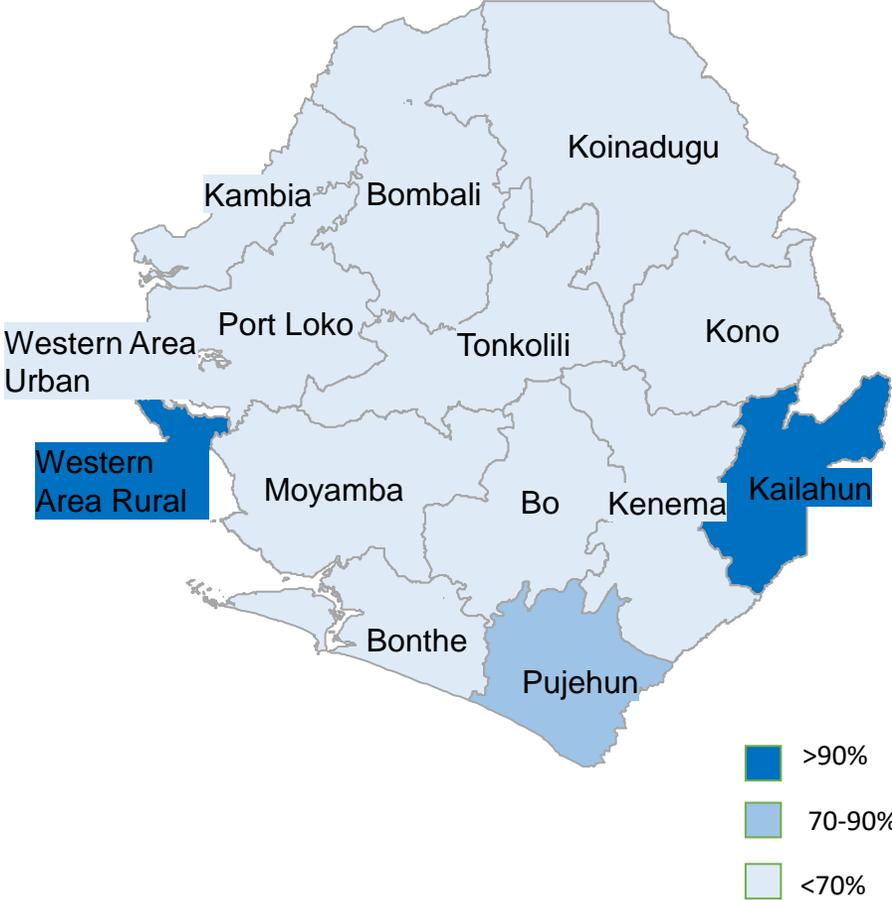
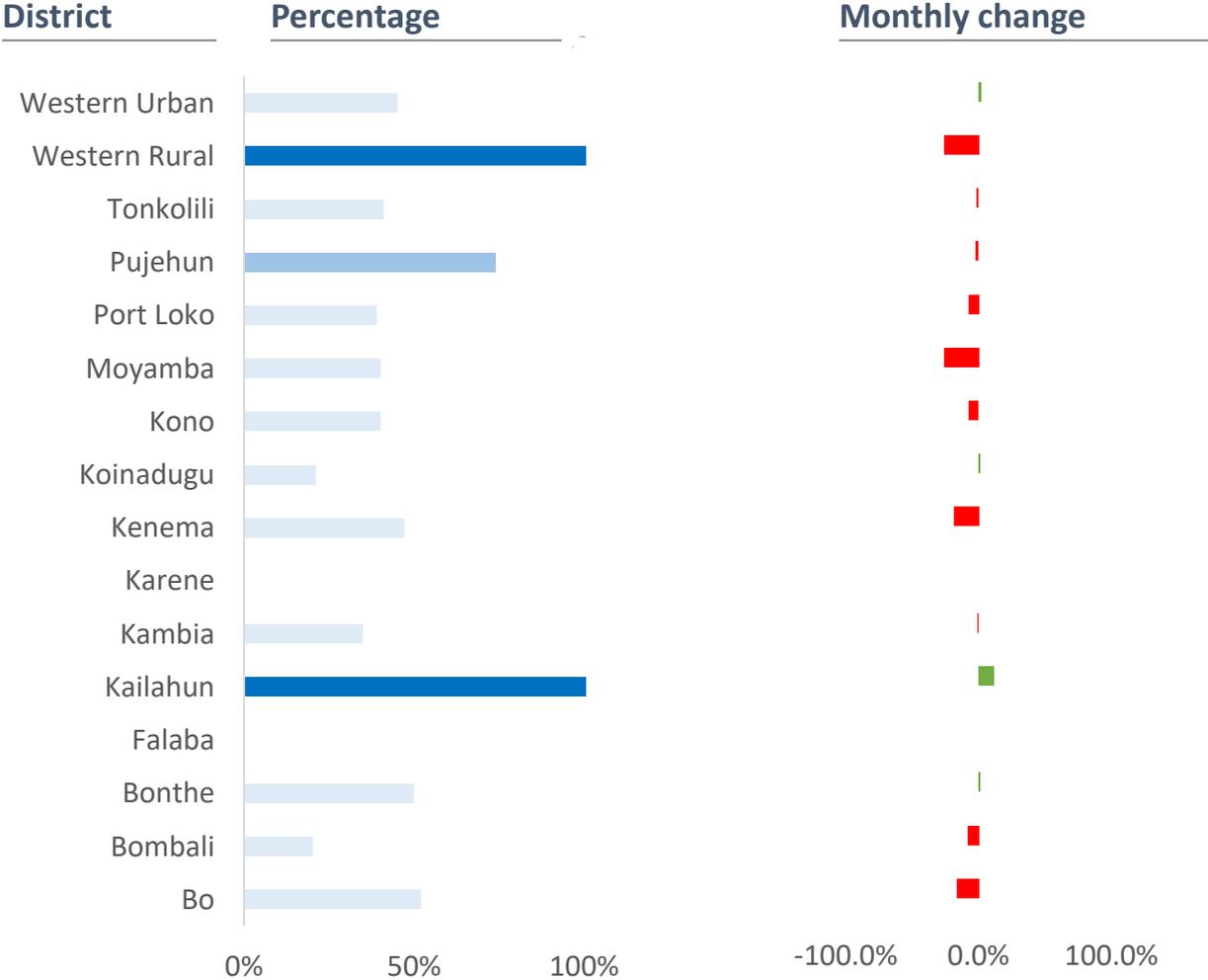
Proportion of JSS and SSS English and Maths teachers observed by SSOs, for June



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

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

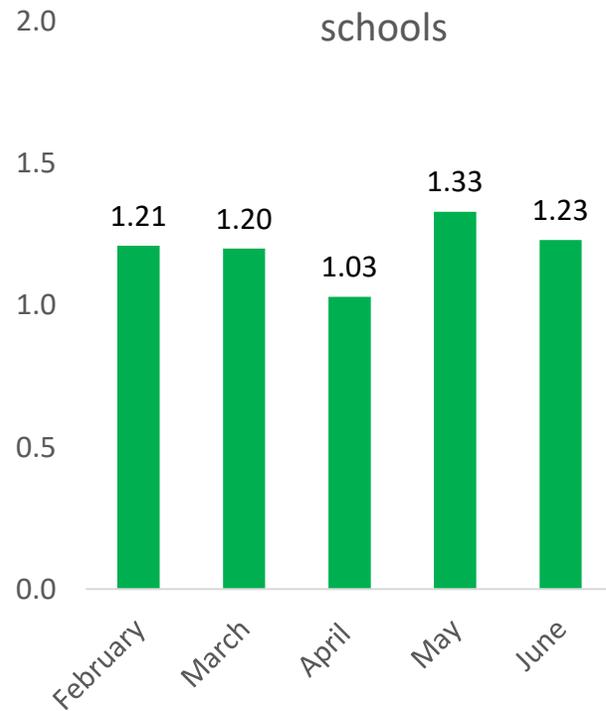
Teacher observed by SSOs last month, % of total non-private schools in district.



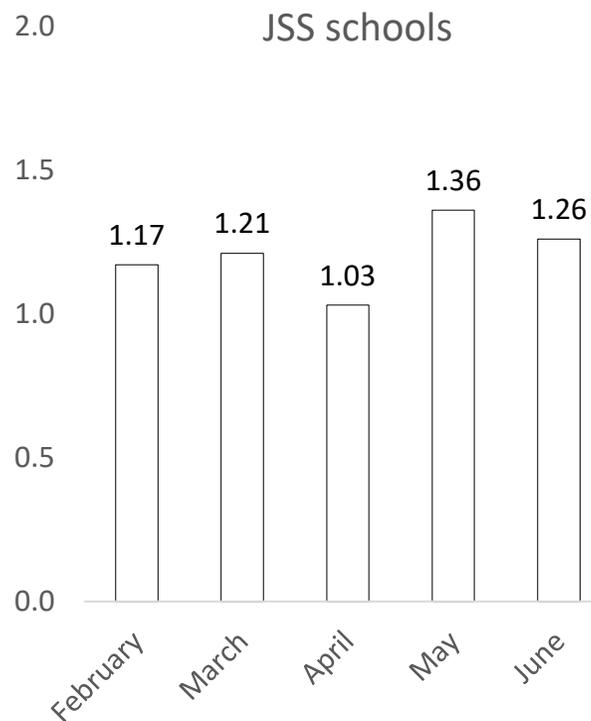
Average number of observations per teacher, for those observed in June

The average number of observations per teacher in June declined for JSS and SSS schools.

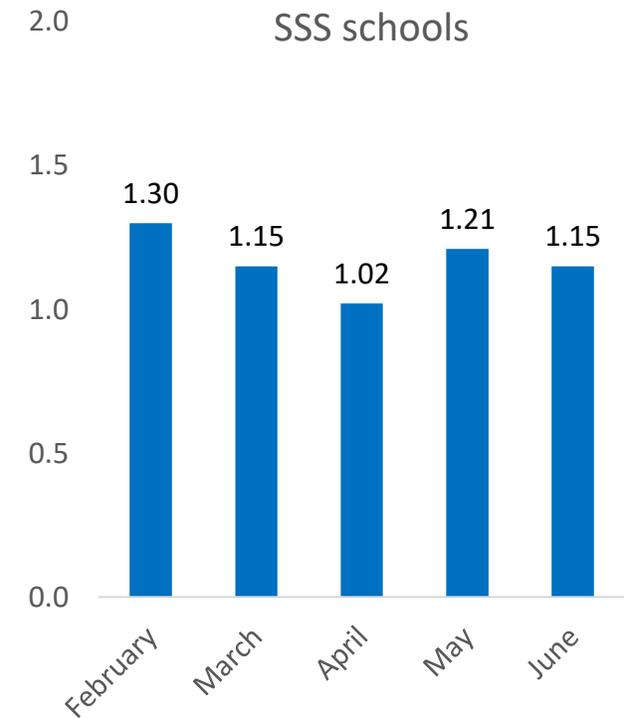
Average number of observations per teacher – all schools



Average number of observations per teacher – JSS schools



Average number of observations per teacher – SSS schools



Leh Wi Lan

Improving Secondary Education in Sierra Leone

Section 5 – Lesson plan use

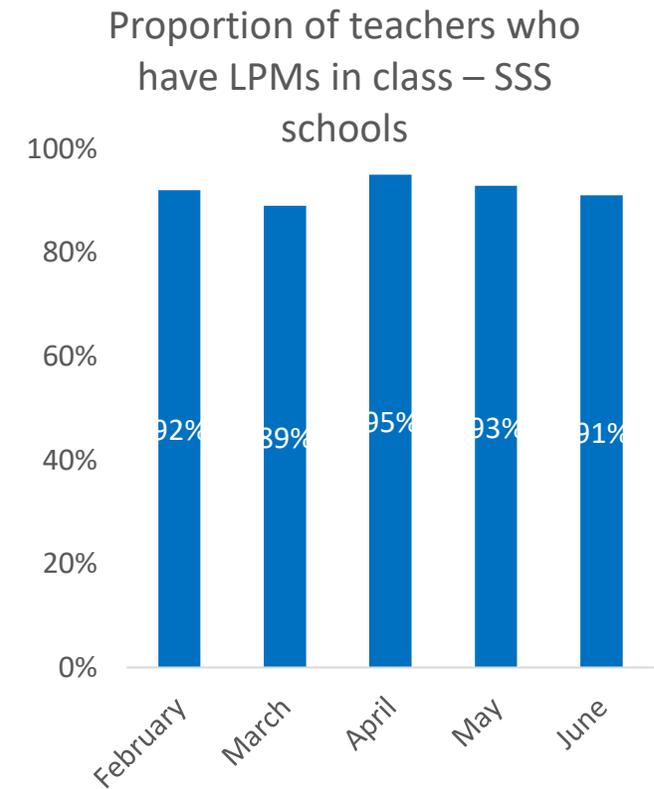
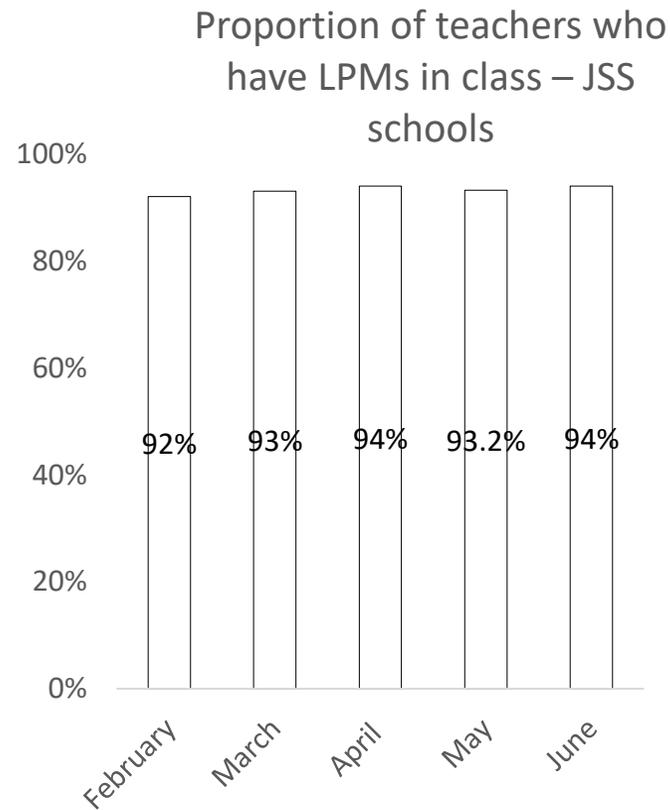
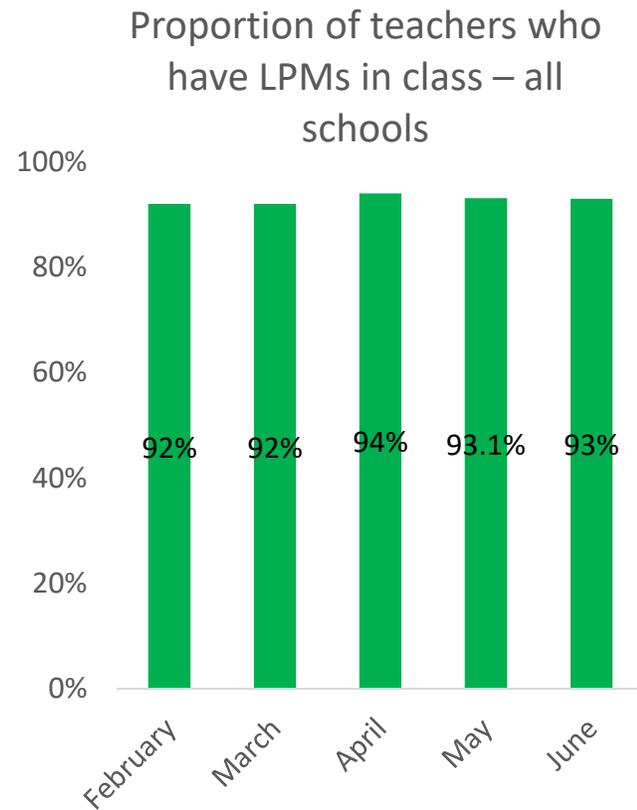


Government of Sierra Leone
Ministry of Education, Science
and Technology



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

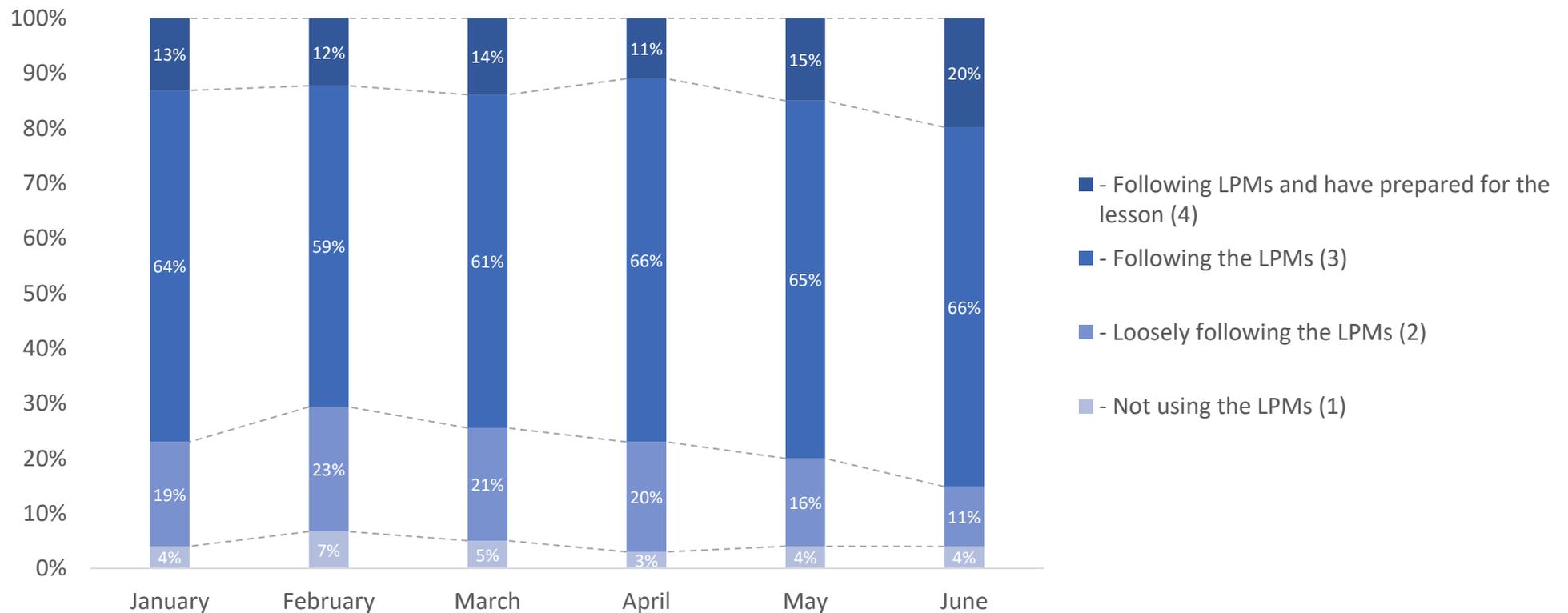
The use of LPMs in classes remains to be high – consistently above 90%



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

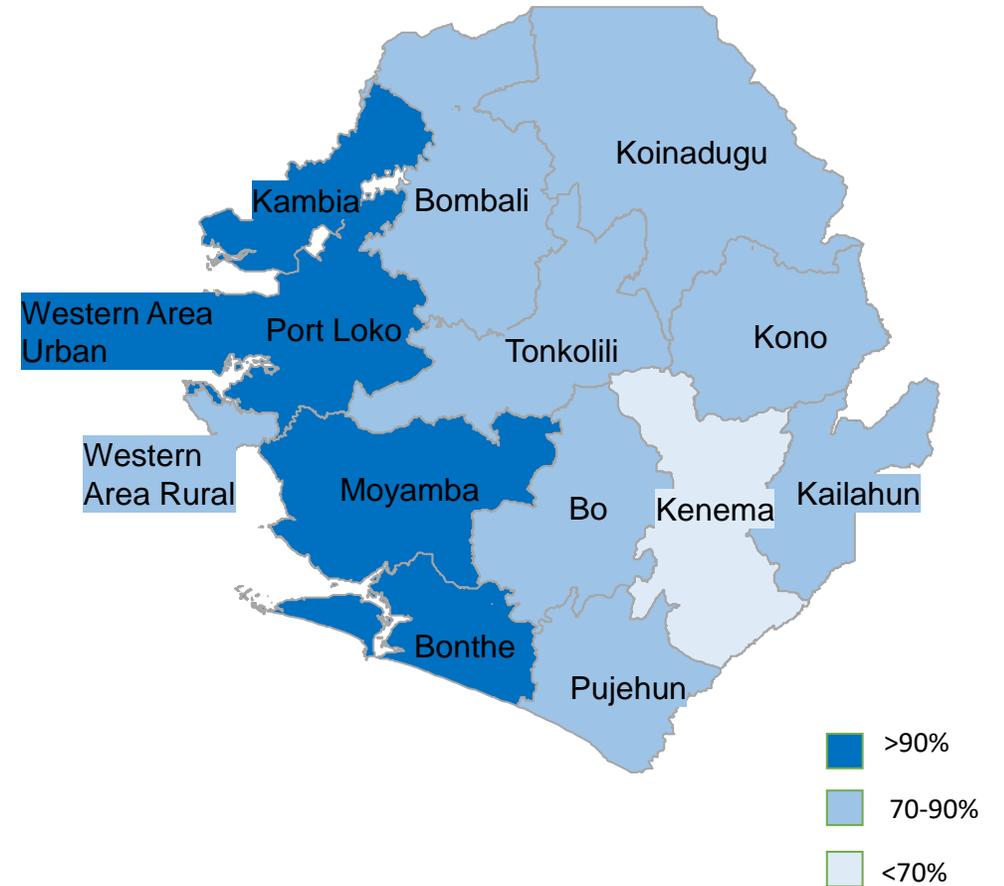
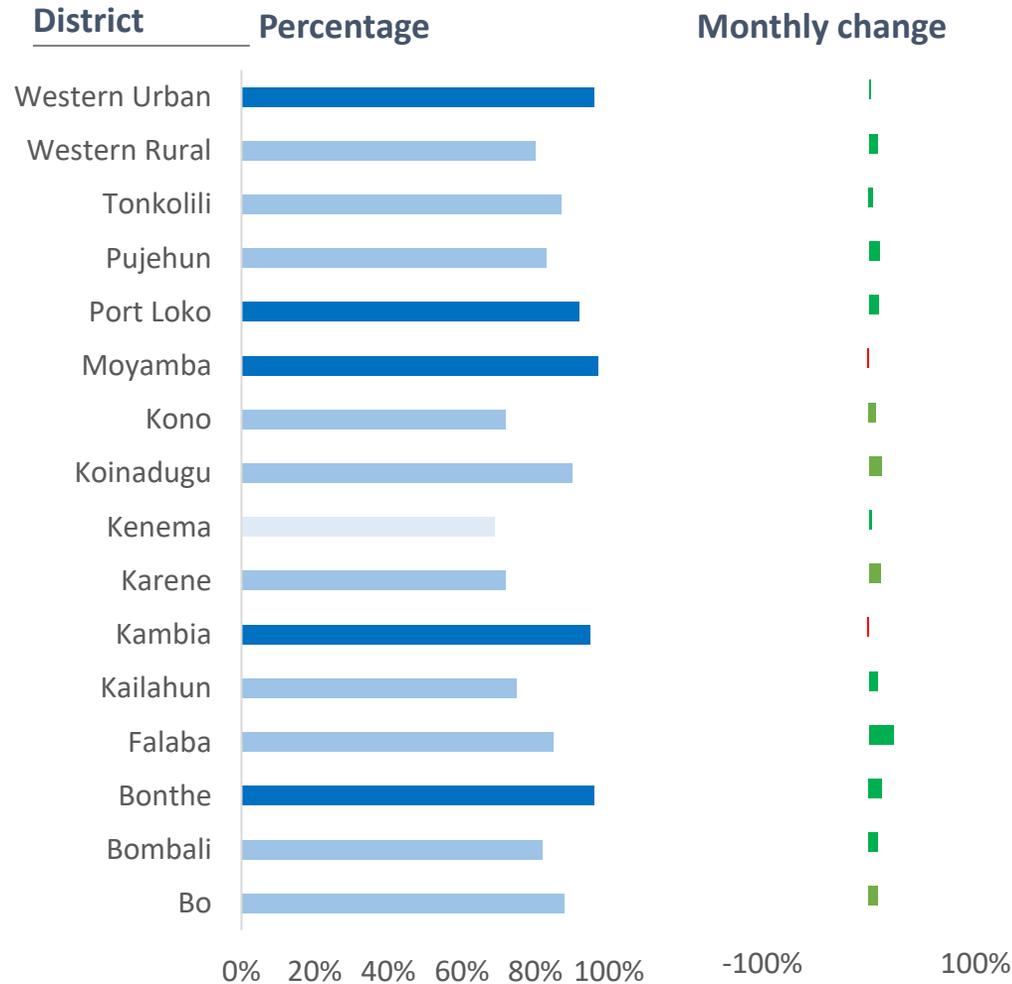
The quality of lesson plan use has improved in the last two months. This month was another positive move for maths and English teachers that scored 4, taking this above 20% for the first time

Lesson Plan Use based on SSO Observation Scores



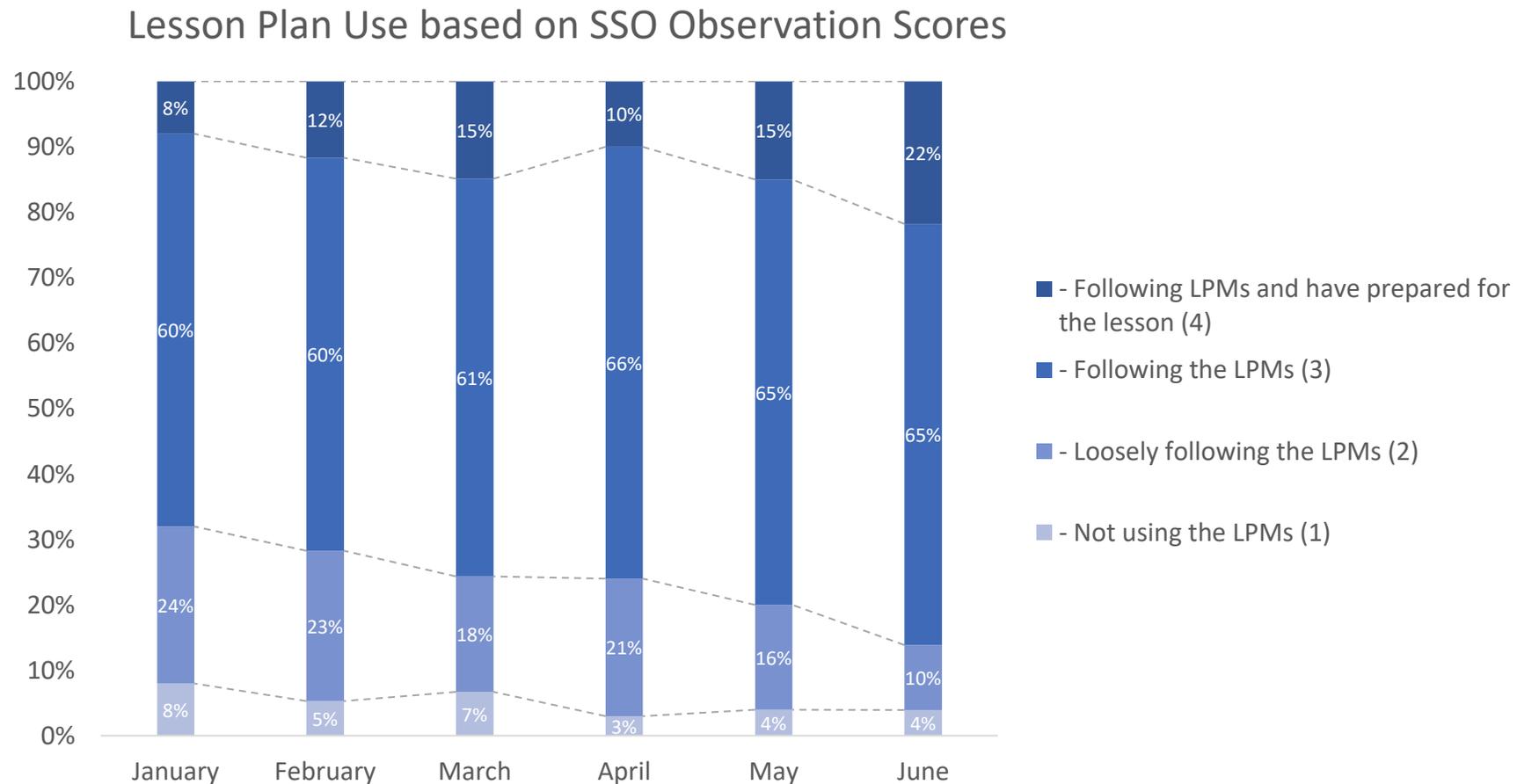
Percentage of lessons scoring 3 or 4 for LPM use, by District, for June, JSS

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



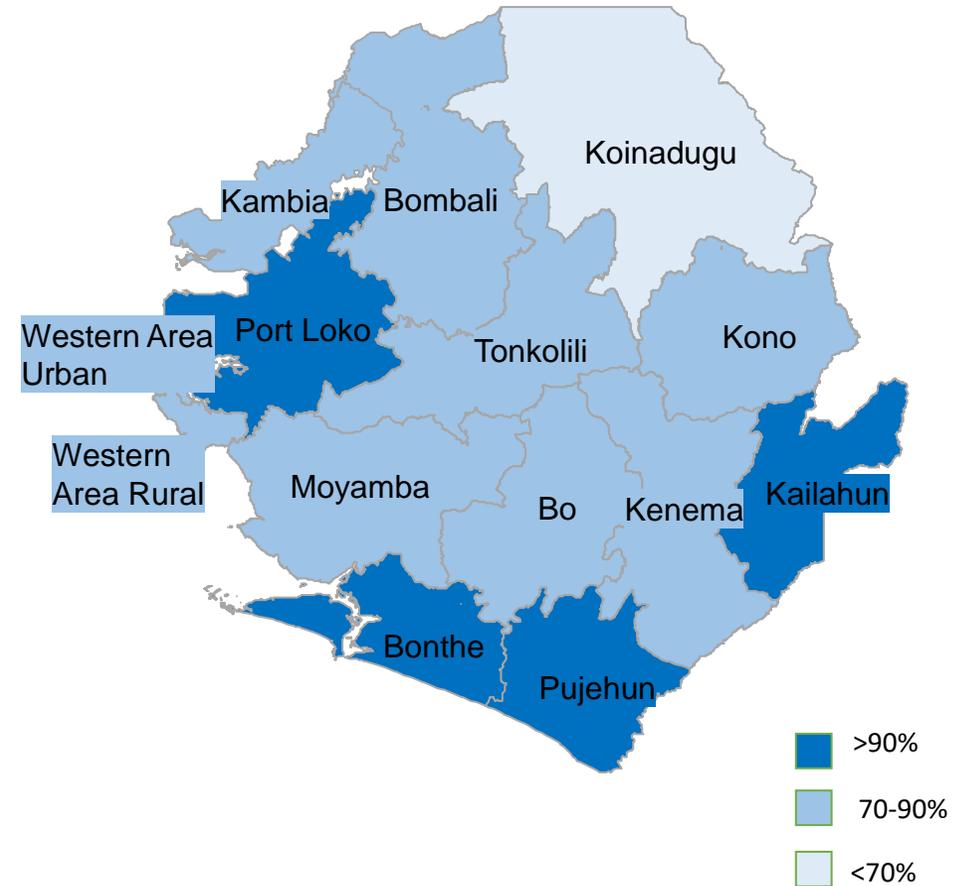
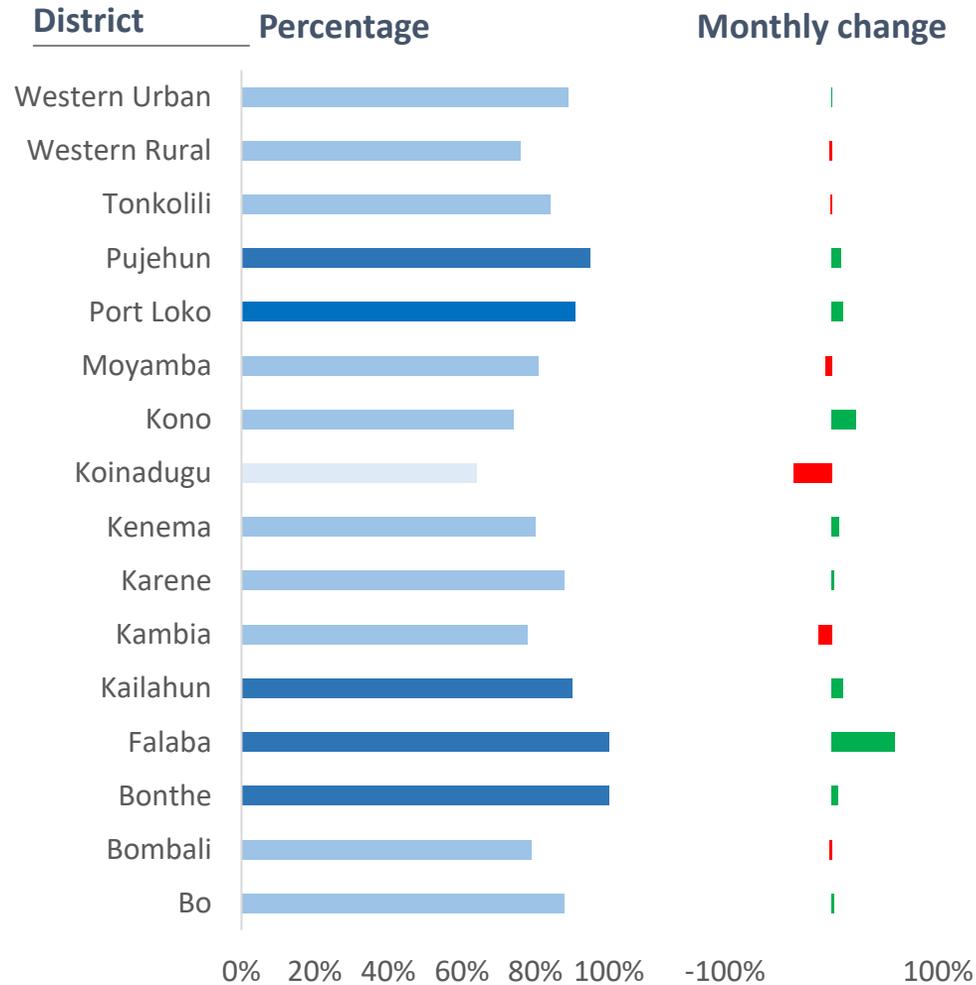
Observation scoring of lesson plan use by SSS English and Math teachers, for June

Lessons scoring 4 increased and lesson scoring 3 stayed at the same level for June observations, meaning 87% of lesson are now scoring the top two grades.



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

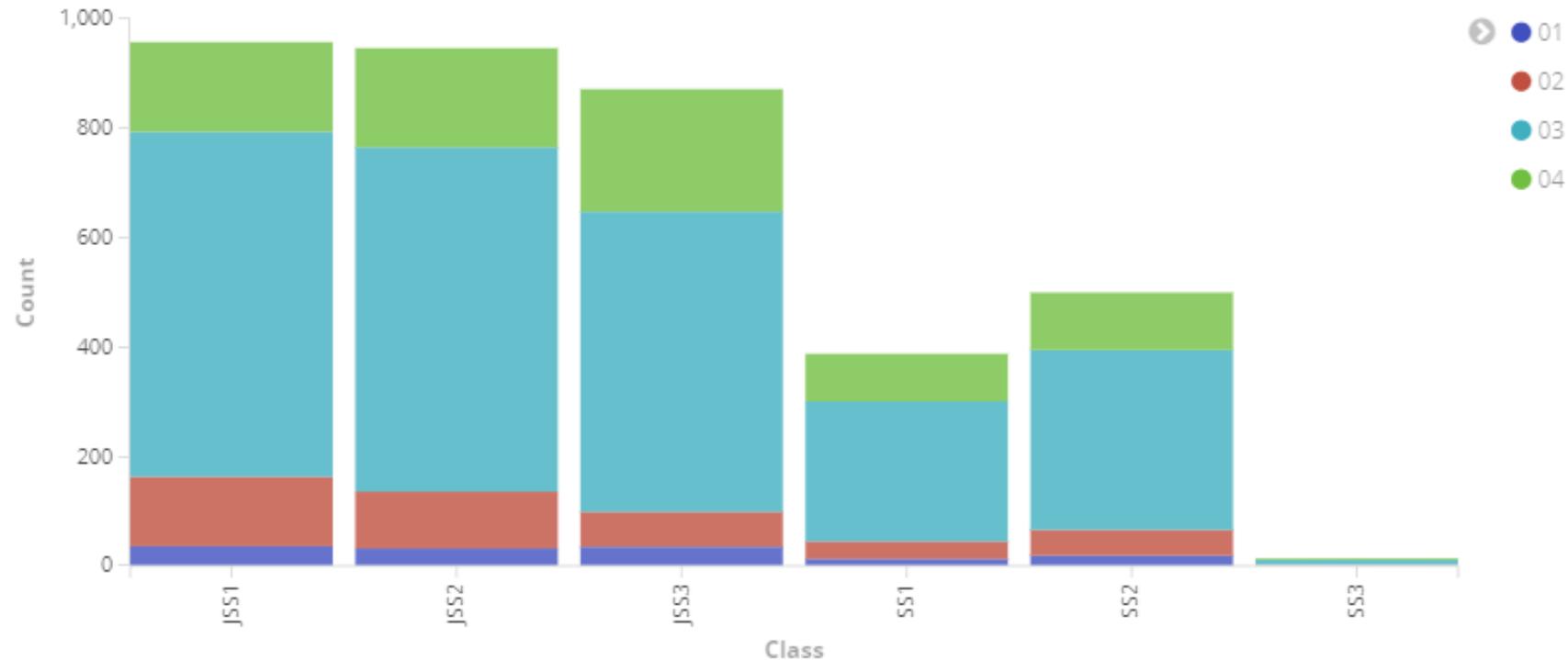
% of lesson observations scoring 3 or 4 for lesson plan use (top two ratings), by district



Lesson plan manual usage by grade

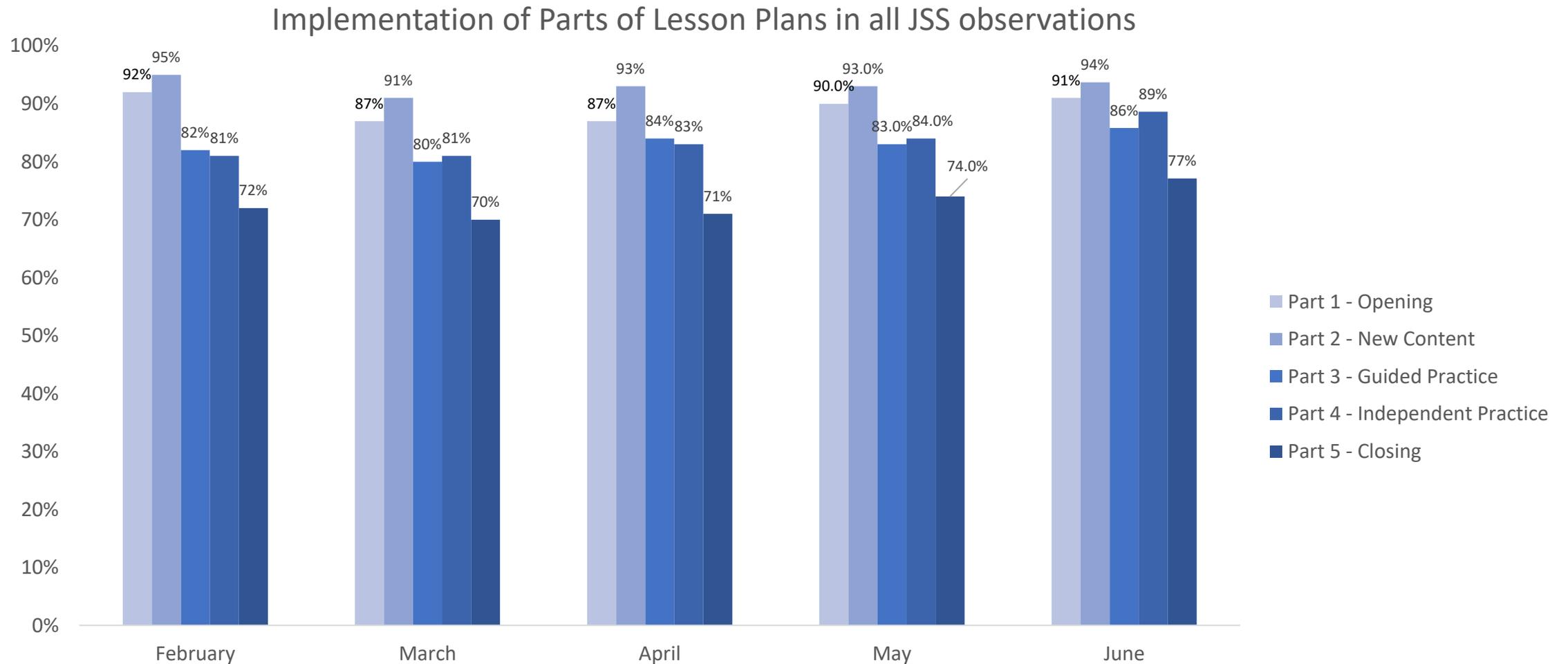
In June, lesson plan usage was similar in all grades, with JSS3 standing out as having the most high scoring and fewest low scoring lesson observations

Follow Lesson Plan Manual - By Class



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

Improvements in the use of parts 3 and 4 are encouraging and help to explain the improved scoring of lesson plan use earlier in the report



Leh Wi Lan

Improving Secondary Education in Sierra Leone

Section 6 – Materials in classroom

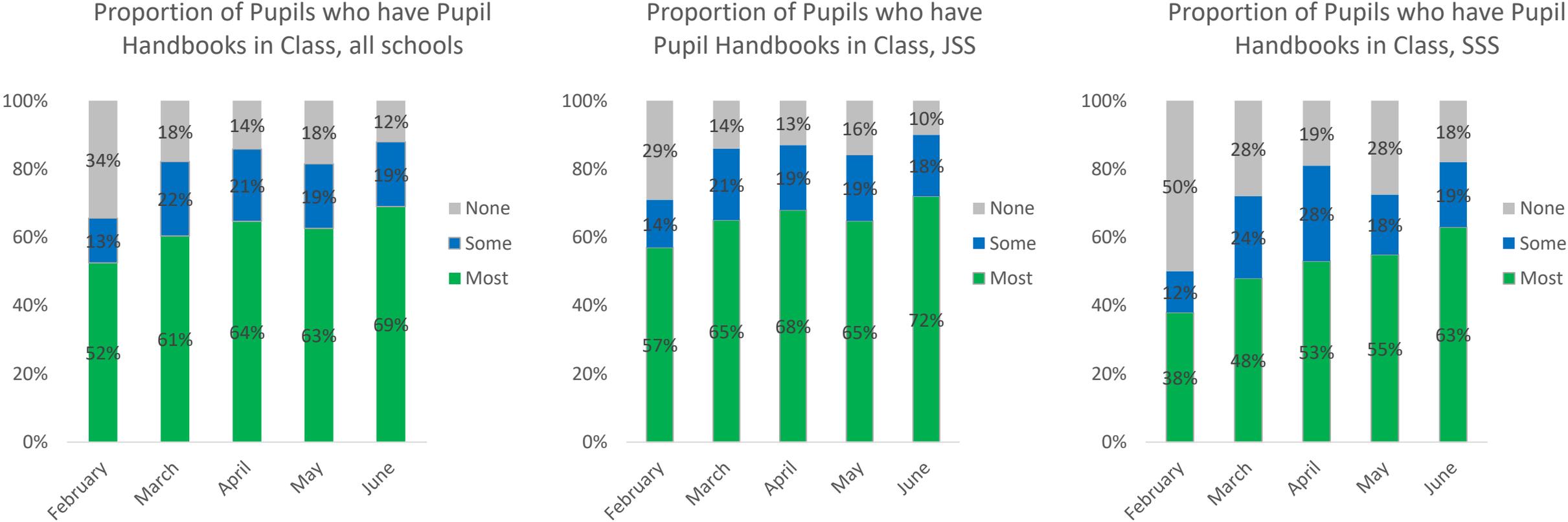


Government of Sierra Leone
Ministry of Education, Science
and Technology



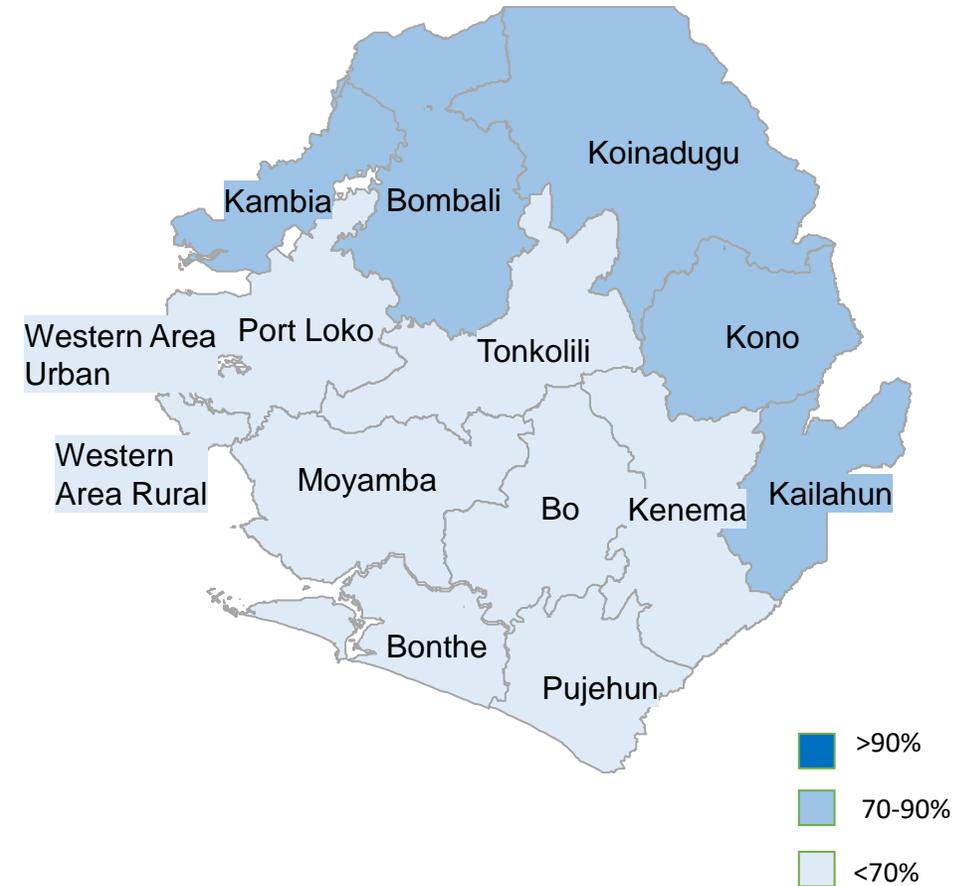
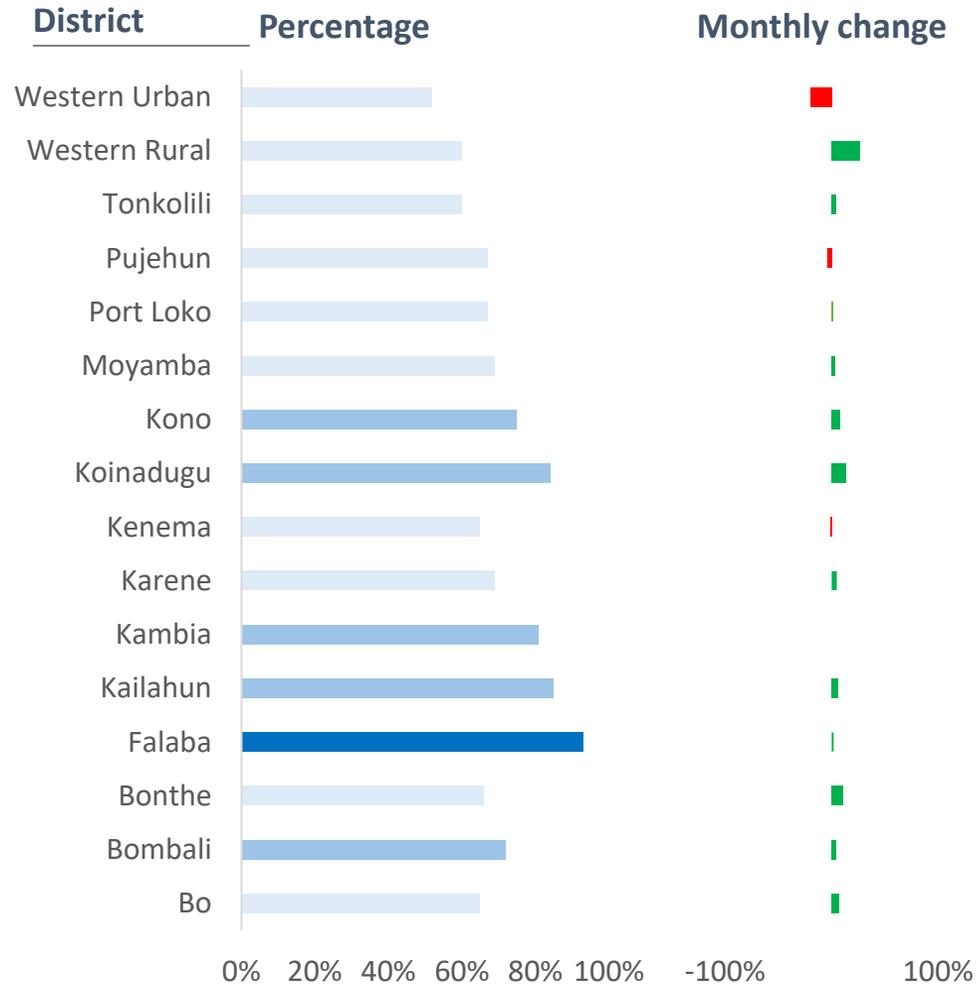
Proportion of pupils who have Pupil Handbooks in observed lessons, June

Pupil Handbook presence in class continued to increase in June, around 70% of observations noting most pupils had them in the class, with JSS classes being the highest. SSS also had a considerably positive change in Pupil Handbook presence.



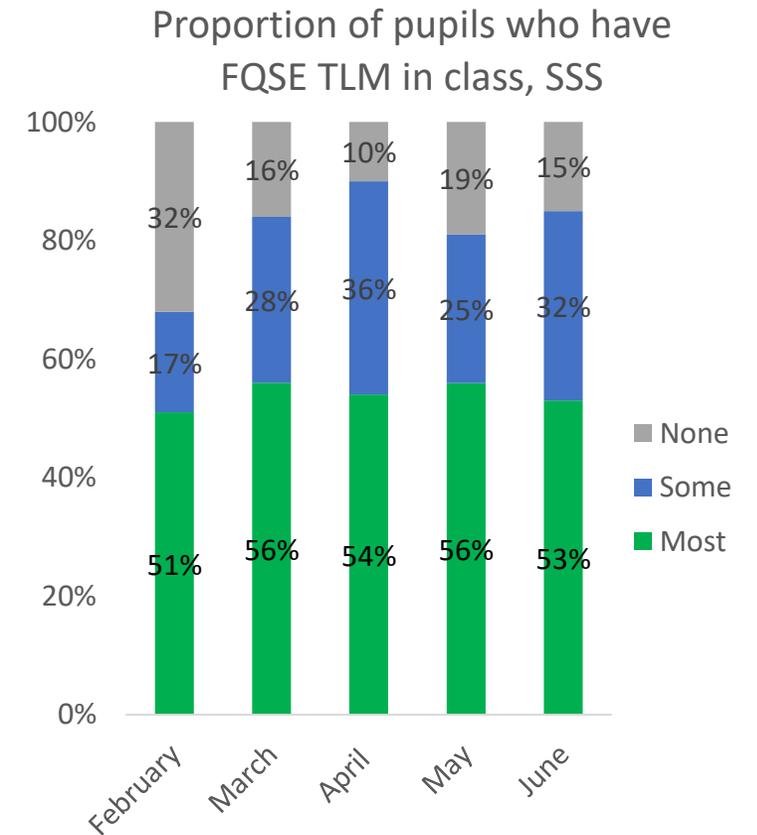
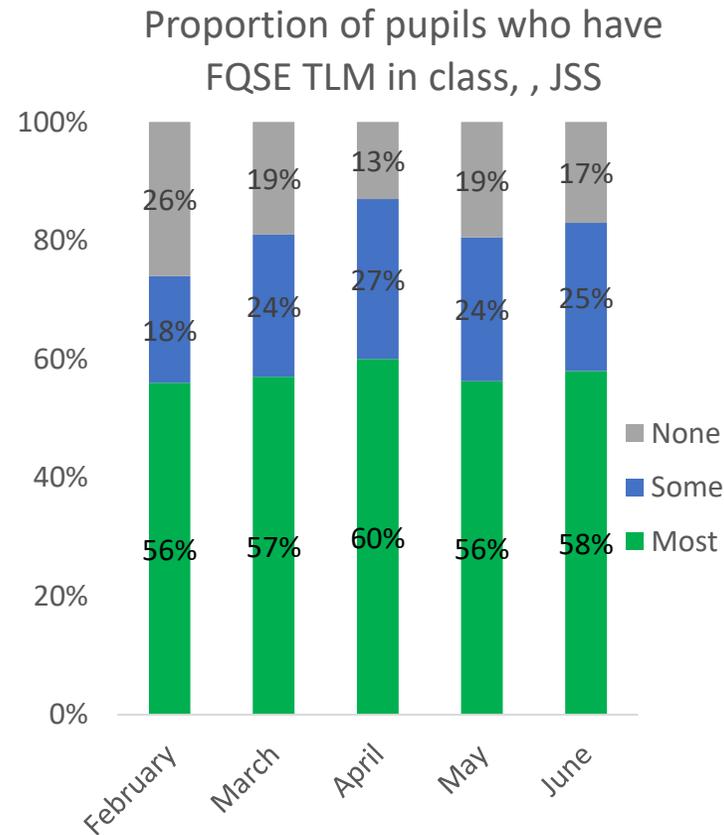
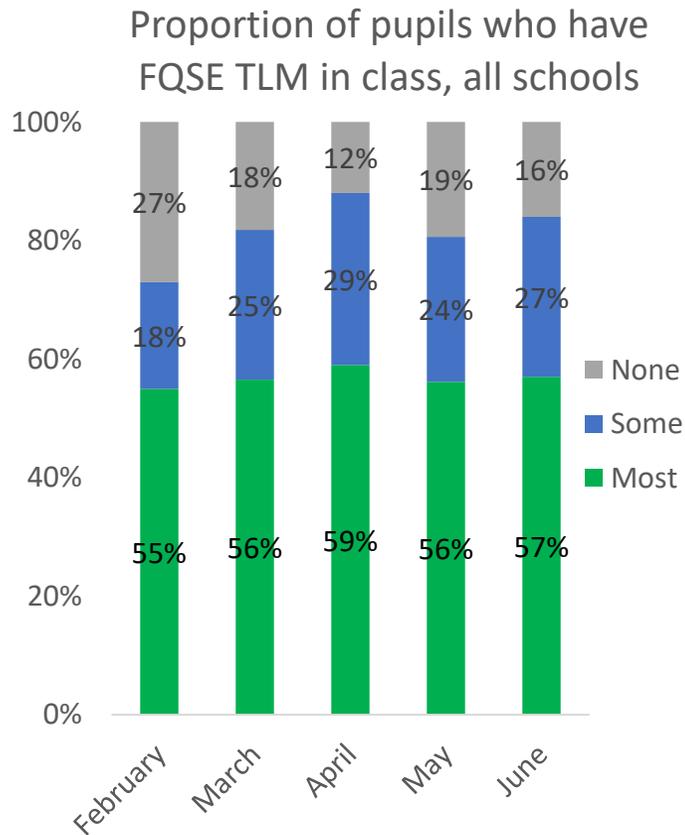
Proportion of Classrooms where 'most' pupils have pupil handbooks in class, for June

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



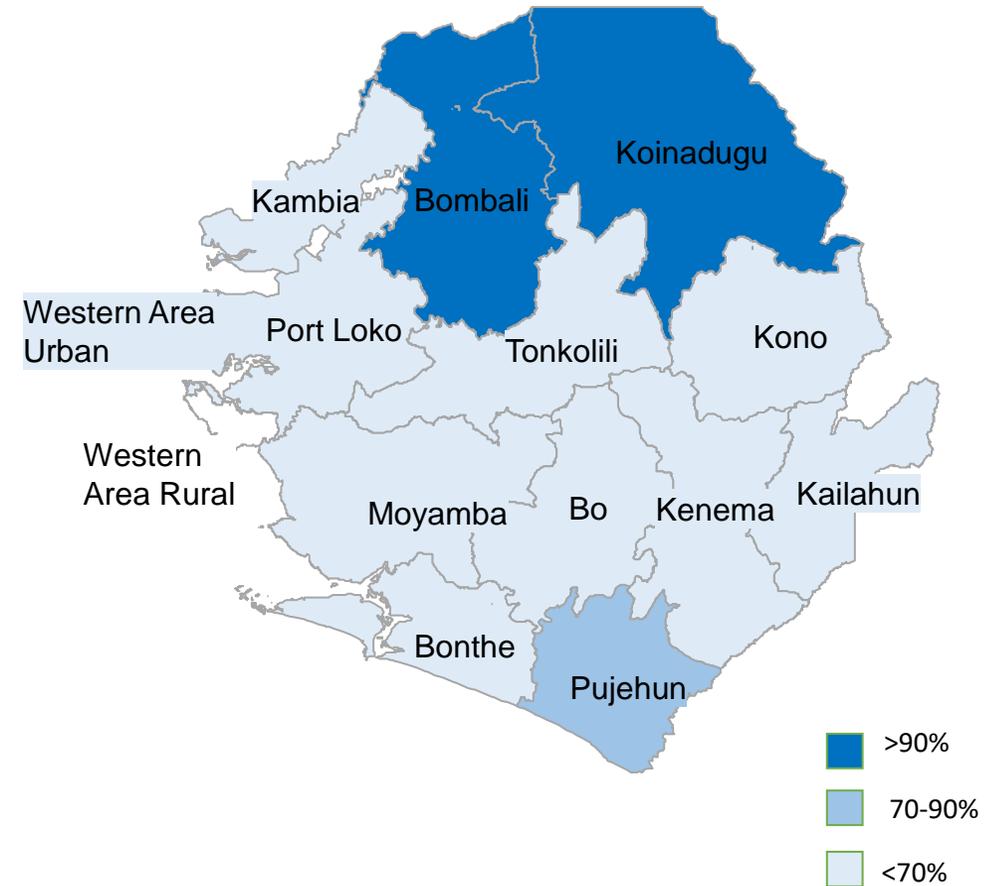
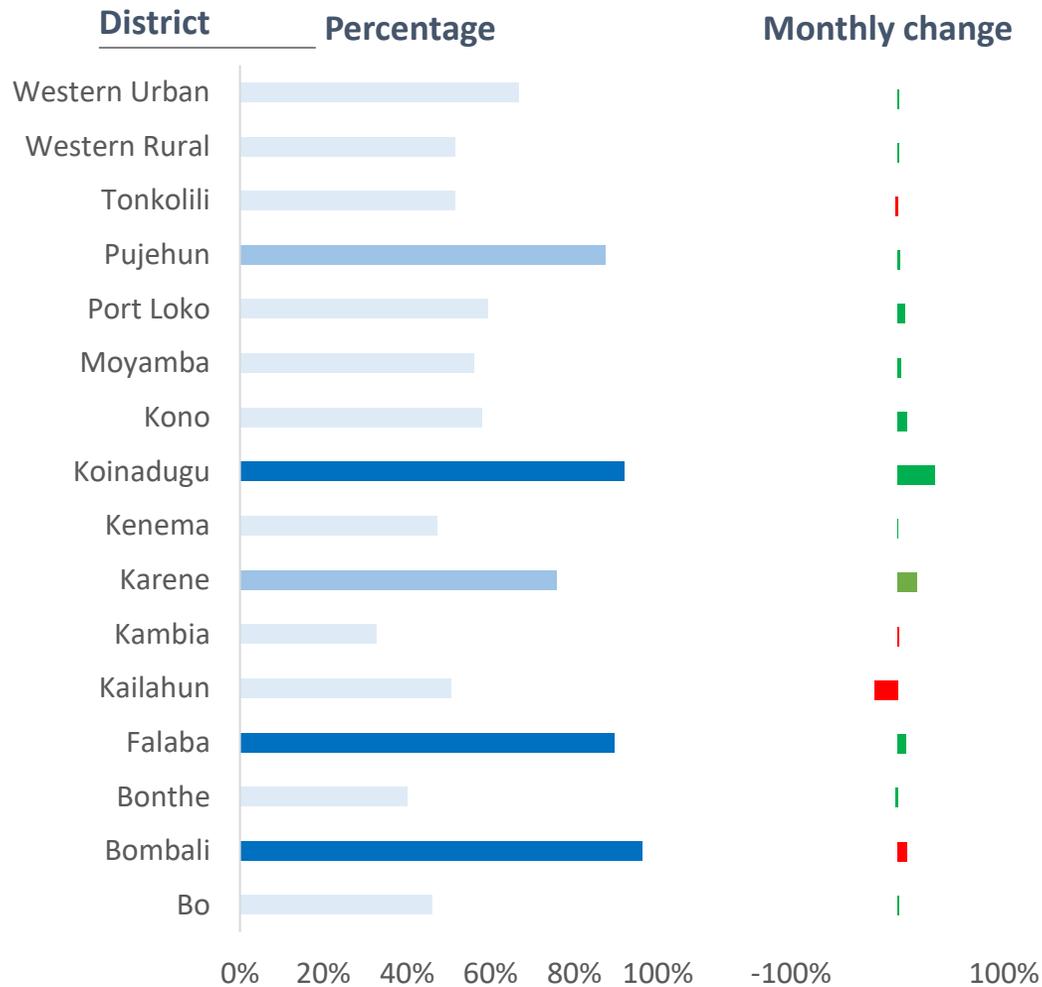
Proportion of pupils who have FQSE teaching and learning materials in class, for June

The proportion of pupils with FQSE teaching and learning materials in class increased slightly in June with only 16% of classrooms observed without any pupils with access to these materials



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

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



Leh Wi Lan

Improving Secondary Education in Sierra Leone

Section 7 – Pupil Attendance

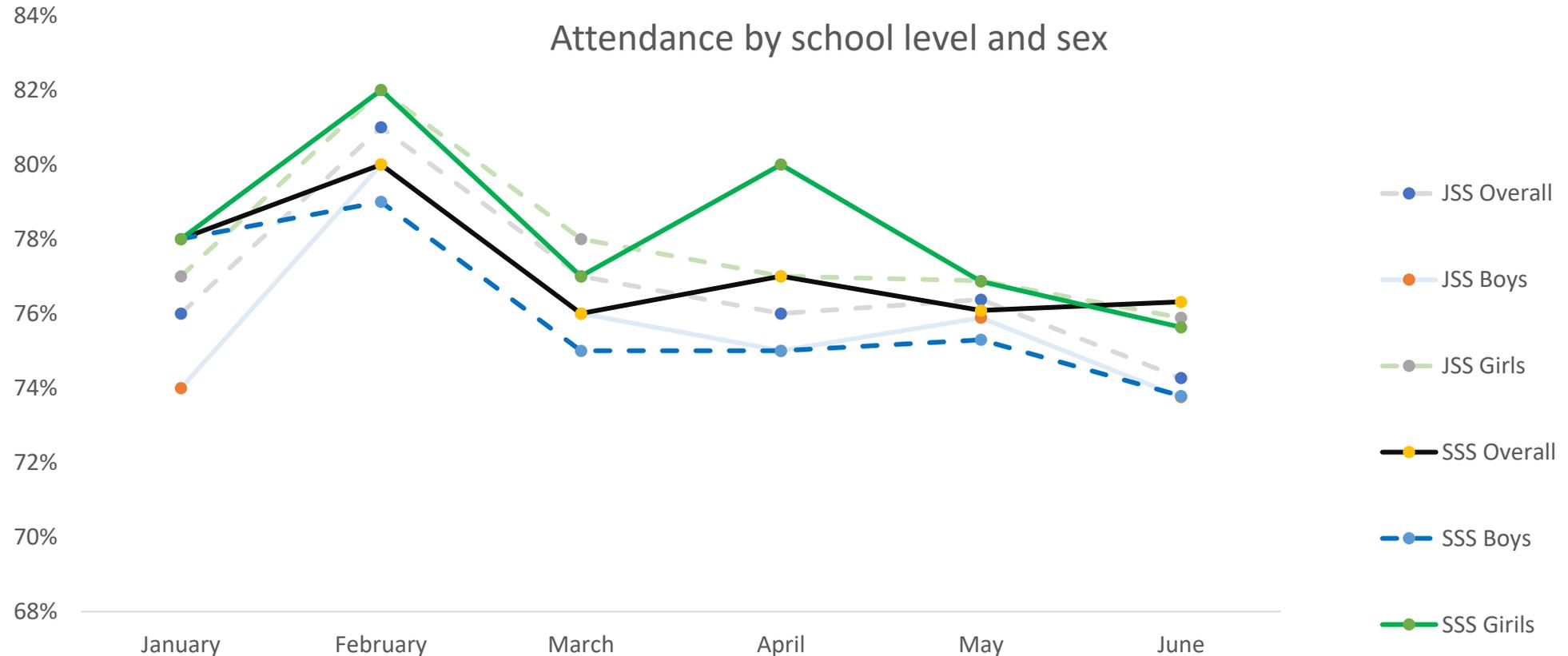


Government of Sierra Leone
Ministry of Education, Science
and Technology



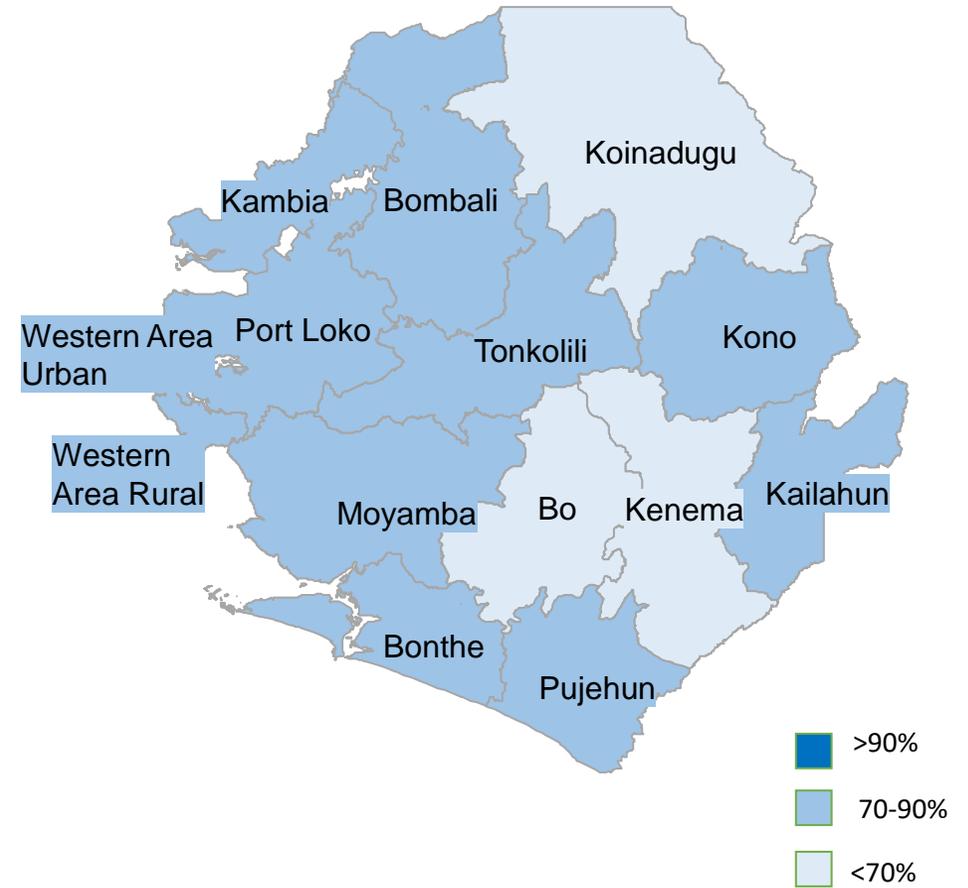
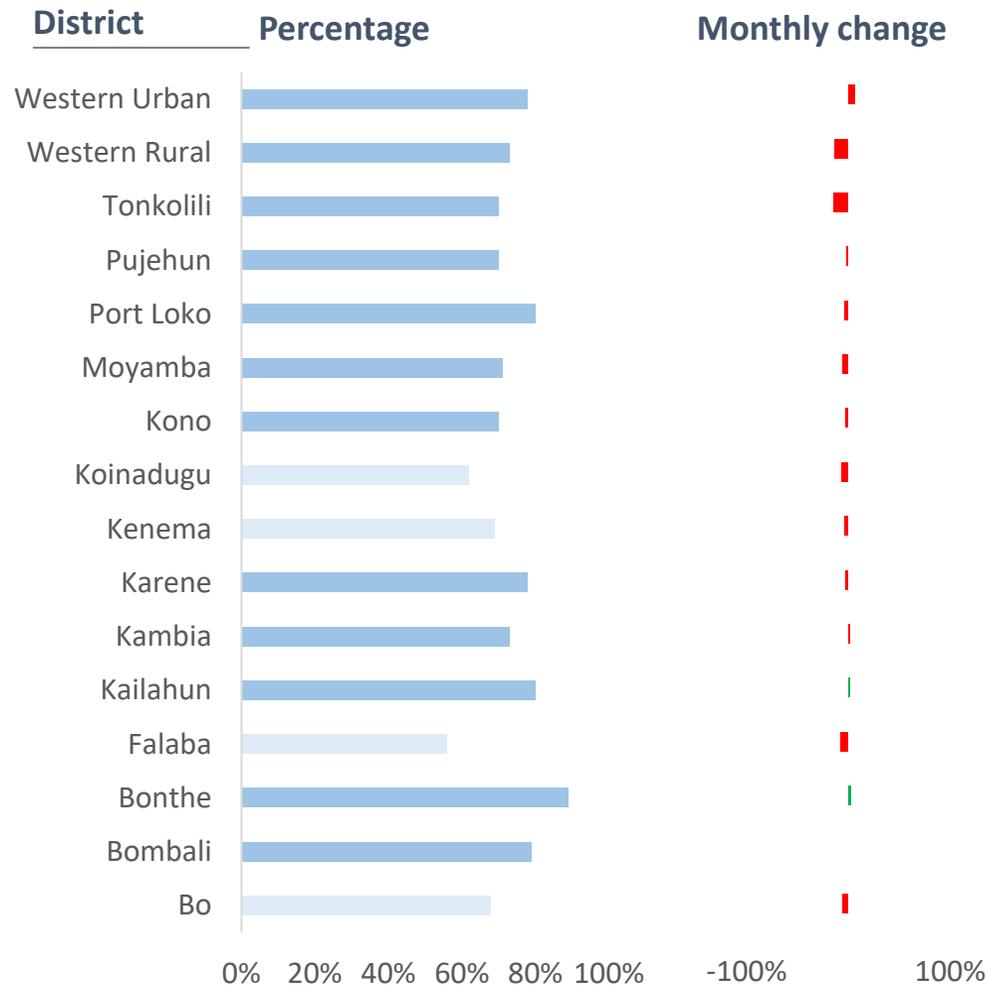
Average combined JSS and SSS classroom attendance, disaggregated by sex for June

Attendance dropped slightly in JSS this month, but remained the same for SSS. Girls' attendance continues to be higher than boys.



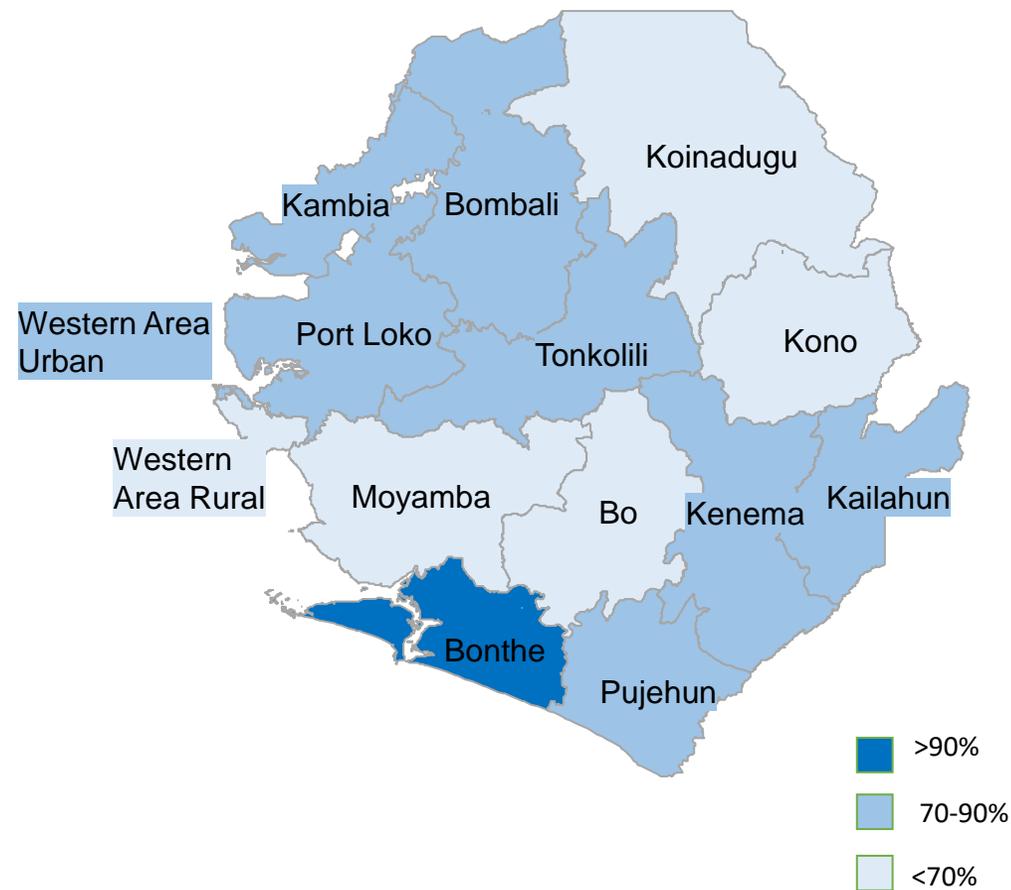
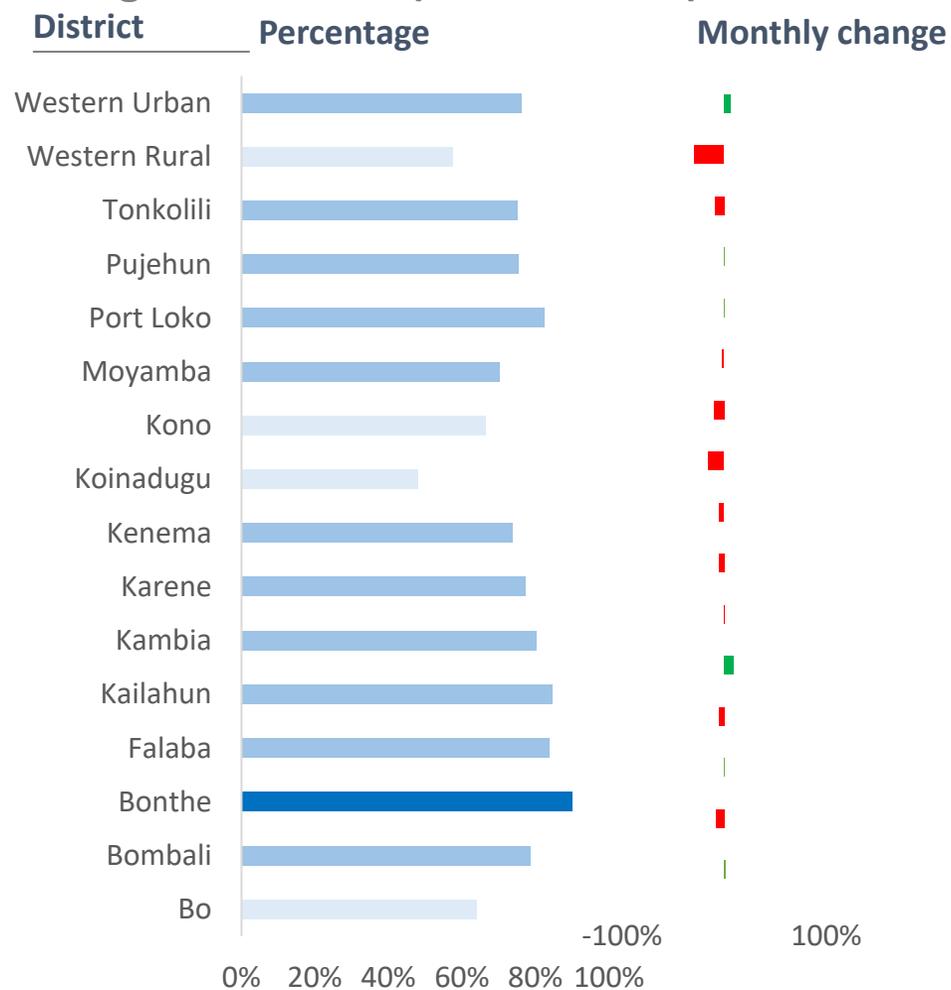
Average attendance in JSS Classrooms, both sexes by district in June

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



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

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



Leh Wi Lan

Improving Secondary Education in Sierra Leone

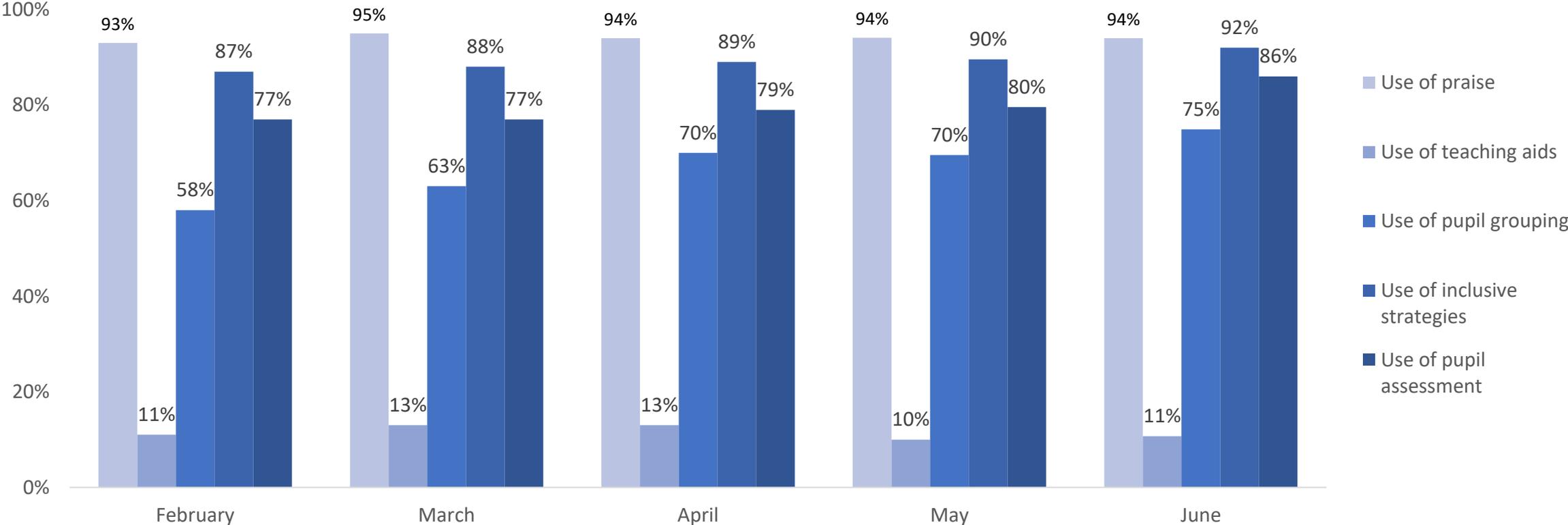
Section 8 – Pedagogy



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

The use of pedagogical strategies in classrooms was very similar to previous months apart from an encouraging increase in the use of pupil assessment

Proportion of lessons where different pedagogical strategies are used



Leh Wi Lan

Improving Secondary Education in Sierra Leone

Section 9 – Summary data



Government of Sierra Leone
Ministry of Education, Science
and Technology



School and teacher data – LWL focus

Total Schools (JSS and SSS non private)	1,621
JSS	1531
JSS (non-private) – LWL focus	1209
Actual Number of non private JSS Supported this month	702
SSS	546
SSS (non-private) – LWL focus	412
Actual Number of non private SSS Supported this month	242

Total Teachers (JSS and SSS non private)	6,800 (estimate)
JSS	14,329
JSS (non-private) – LWL focus (English & Maths teachers)	4,800
Number of JSS teachers reached this month	2225
SSS	5,917
SSS (non-private) – LWL focus (English & Maths teacher)	2,000 (estimate)
Number of SSS teachers reached this month	763