

Leh Wi Lan

Improving Secondary Education in Sierra Leone

Monthly School Monitoring Dashboard Report

July 2019



Government of Sierra Leone
Ministry of Education, Science
and Technology



Leh Wi Lan

Improving Secondary Education in Sierra Leone

Section 1 – Executive Summary



Monthly highlights

Highlights

- The real-time online dashboard is available at <https://reporting.lehwilan.org/>

Schools closed week ending July 19th and so the opportunity for school visits ended at this point. In addition, most schools were conducting exams for most of the month and so opportunities for classroom observations were limited.

- Key observations related to school visits are:
 - The vast majority of visits this month were as exam alignment reviews – very little observation was possible
 - As such, trends this month carry less significance
 - However, recent encouraging increases in the quality of lesson plan usage and material presence in classrooms were maintained

Areas needing improvement

- Given the low sample of lesson observations this month, it is hard to draw any major conclusions from the data.
- For this reason we have excluded the page on district summaries this month as it is even harder to draw any meaning from the tiny samples at district level.

Dashboard related issues

Key issues this month

- **Schools closed week ending July 19th and so the opportunity for school visits ended at this point. In addition, most schools were conducting exams for most of the month and so opportunities for classroom observations were limited.**
- 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 is available at <https://reporting.lehwilan.org/> and has been optimized for faster downloads in districts.

Leh Wi Lan

Improving Secondary Education in Sierra Leone

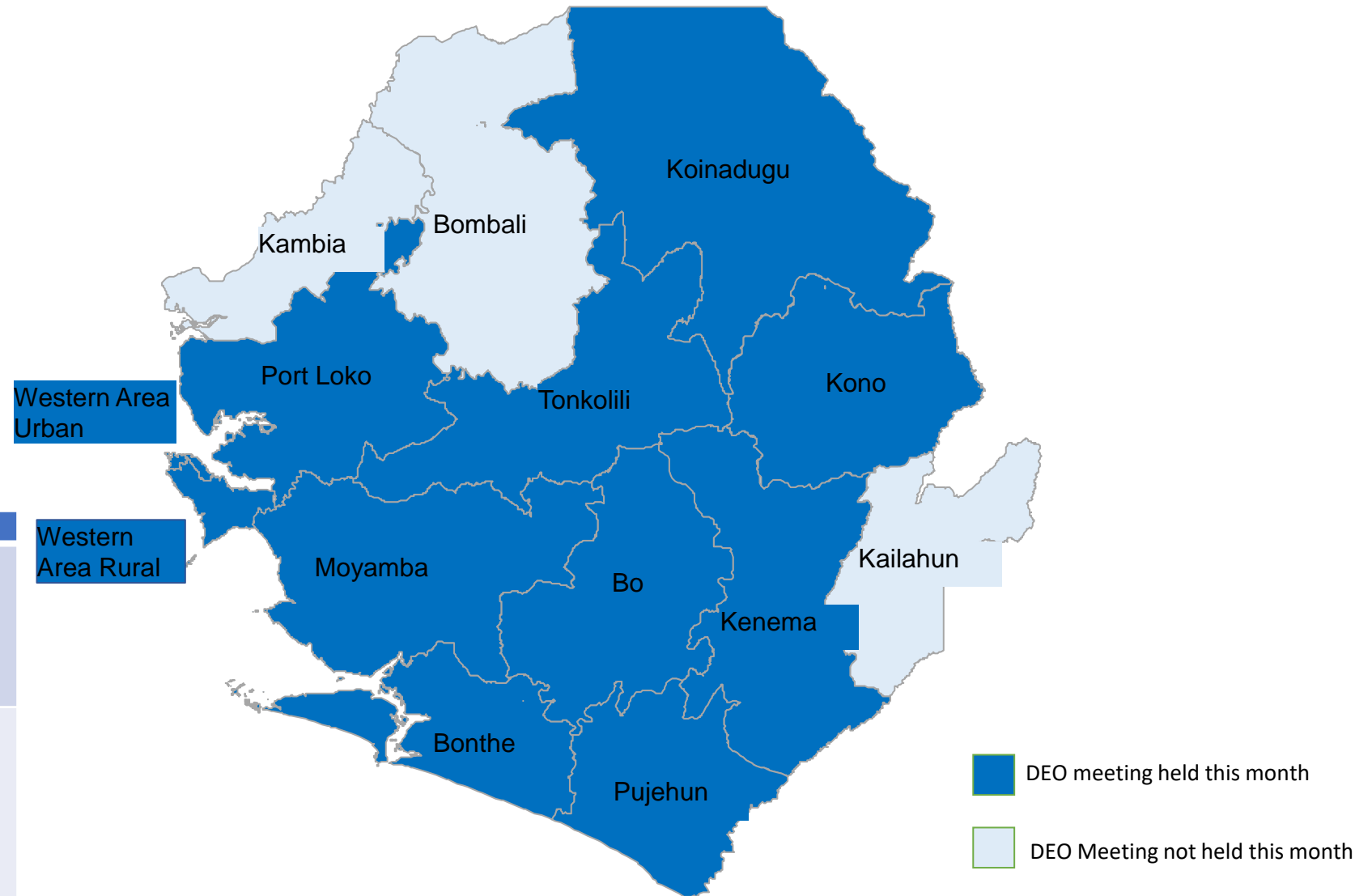
Section 1 – DEO Monthly Meetings



DEO Monthly Meeting

11 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 reviewing the progress of district implementation plans.



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

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



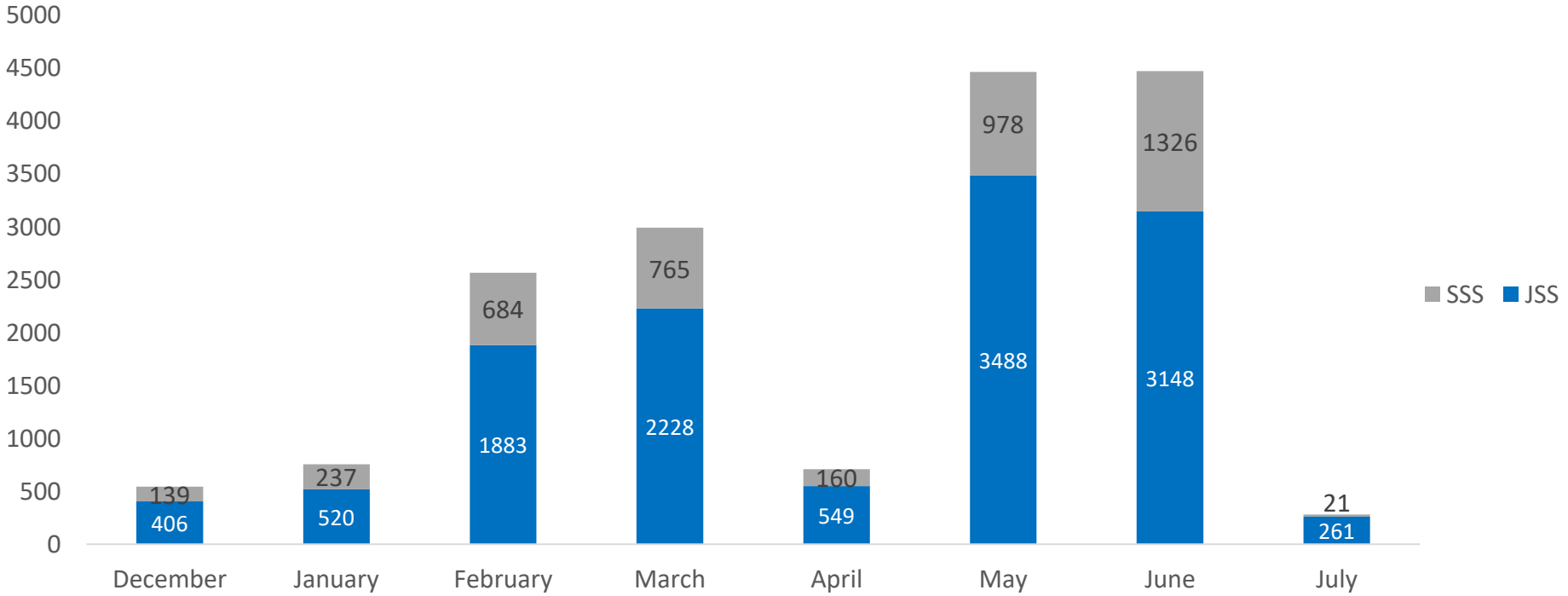
UKaid
from the British people

M
M
MOTT
MACDONALD

SSO classroom observations recorded on Tangerine, July

Due to the focus on exams during July and the closure of schools on the 19th the opportunities for classroom observations were limited.

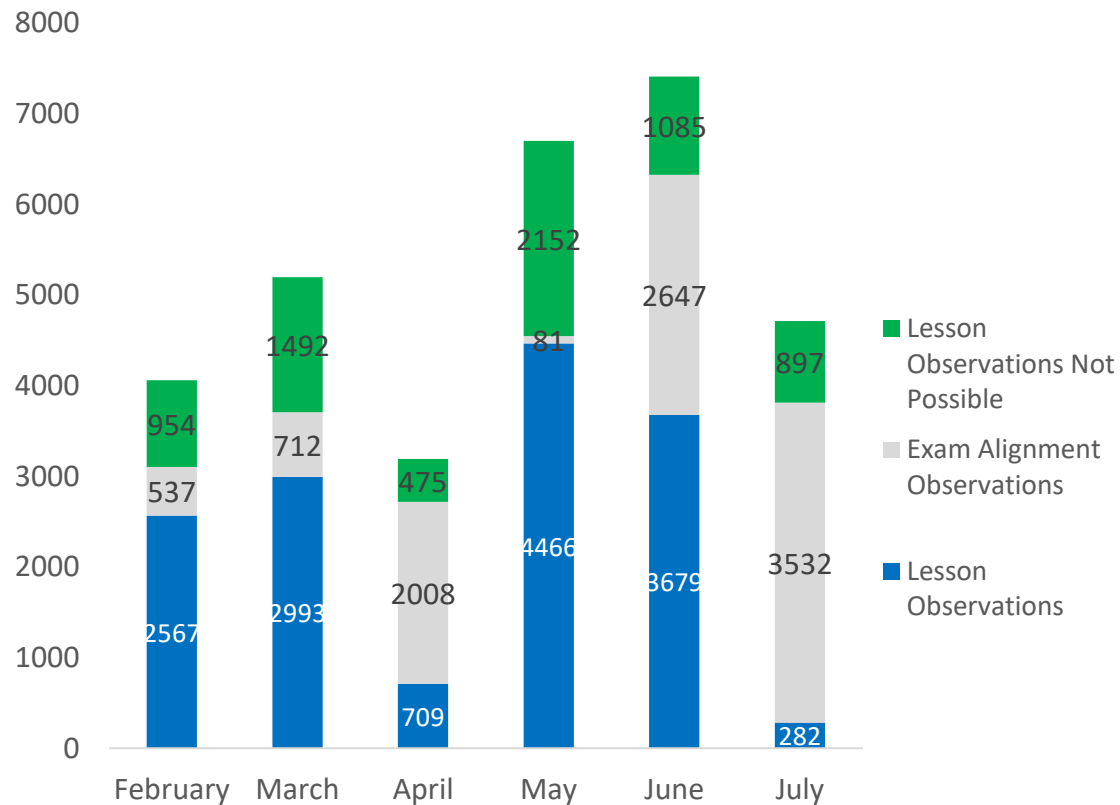
Number of lesson observations recorded by SSOs on Tangerine



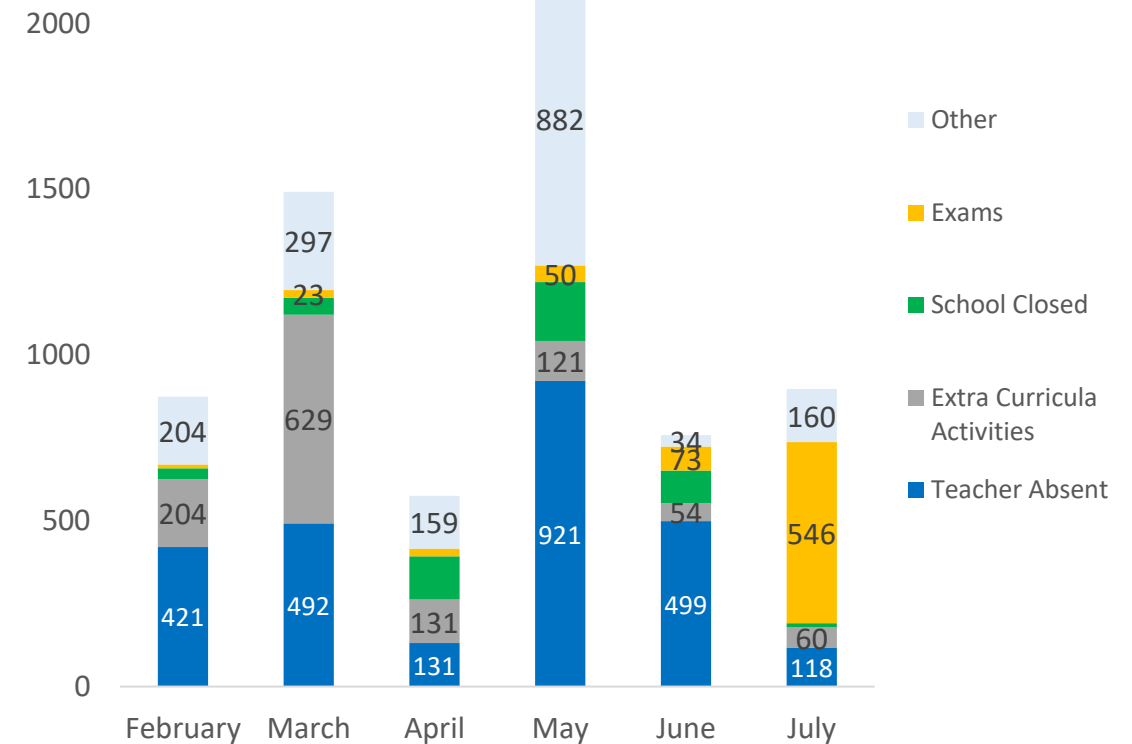
All SSO activity recorded on Tangerine, July

Exams dominated activity in July, with exam alignment reviews accounting for most forms submitted and exams being responsible for the majority of observations unable to happen

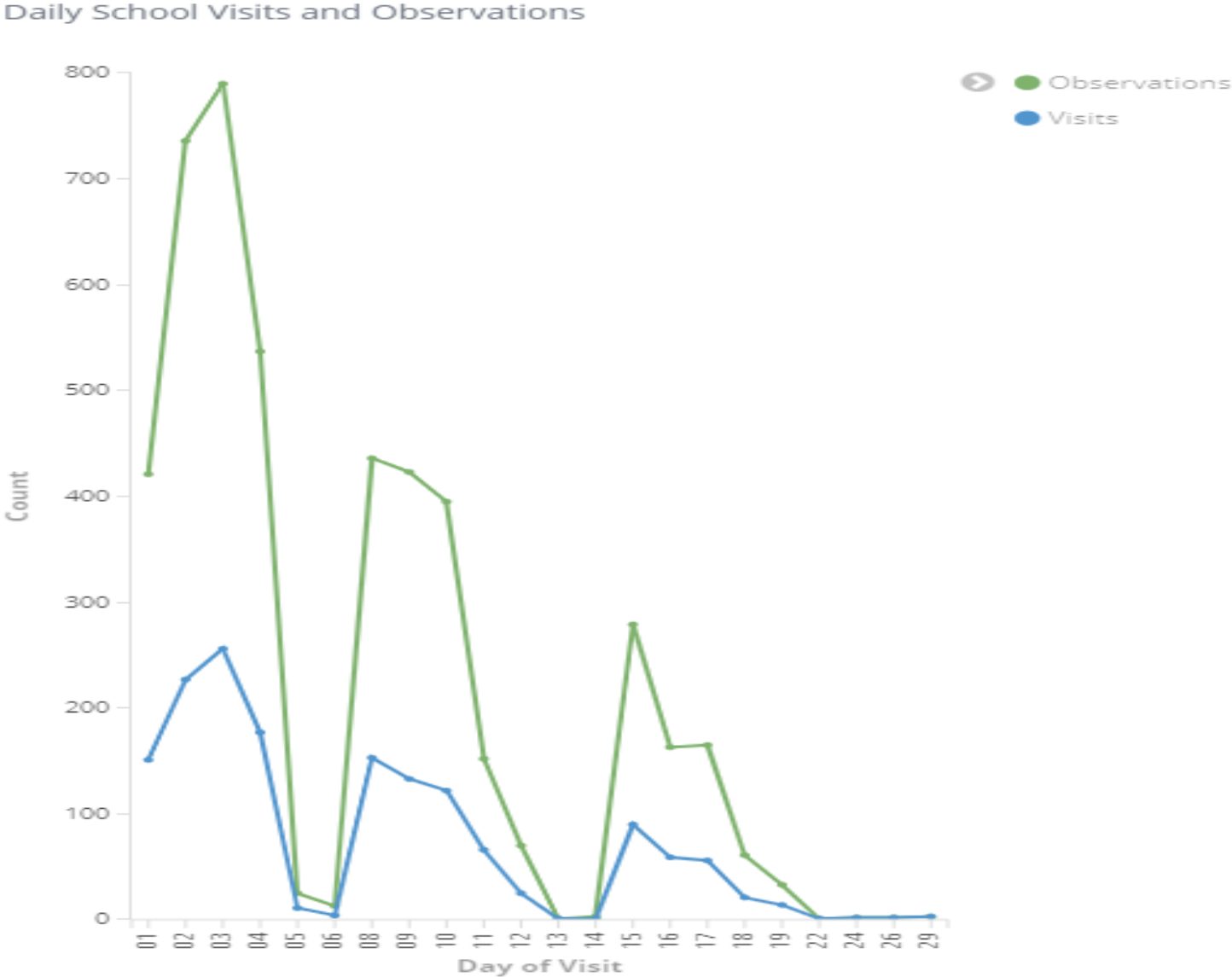
Number of all types of observations recorded



Reasons for lesson observations not being possible



School visits and SSO activity recorded on Tangerine, July



Leh Wi Lan

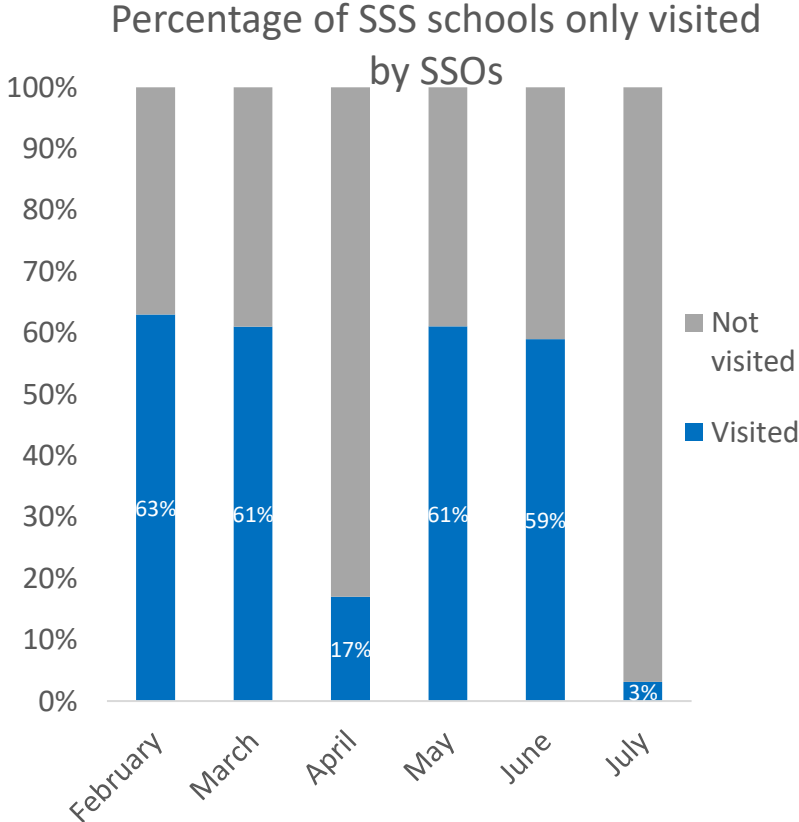
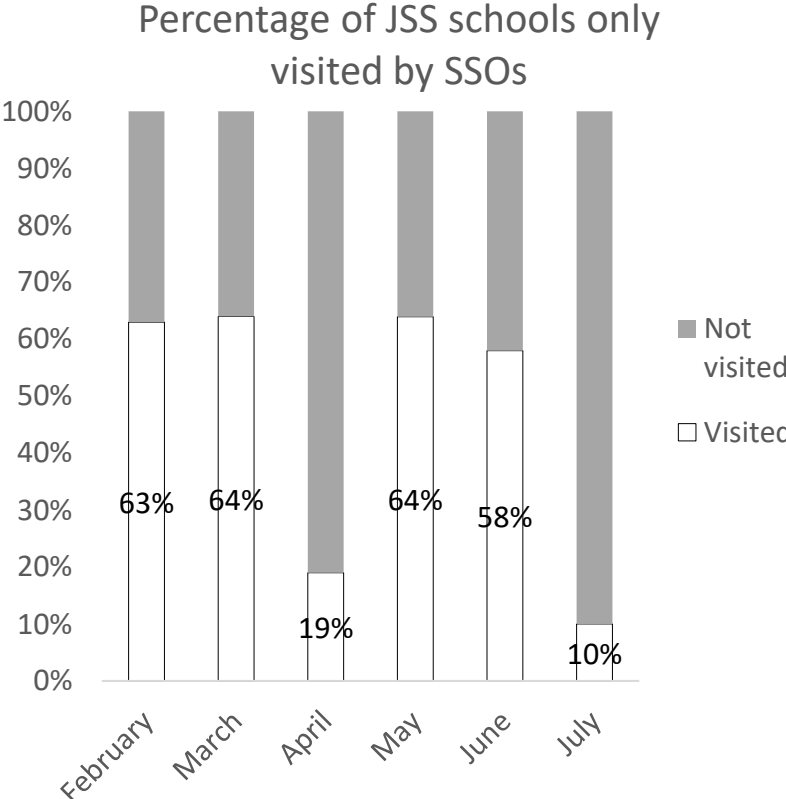
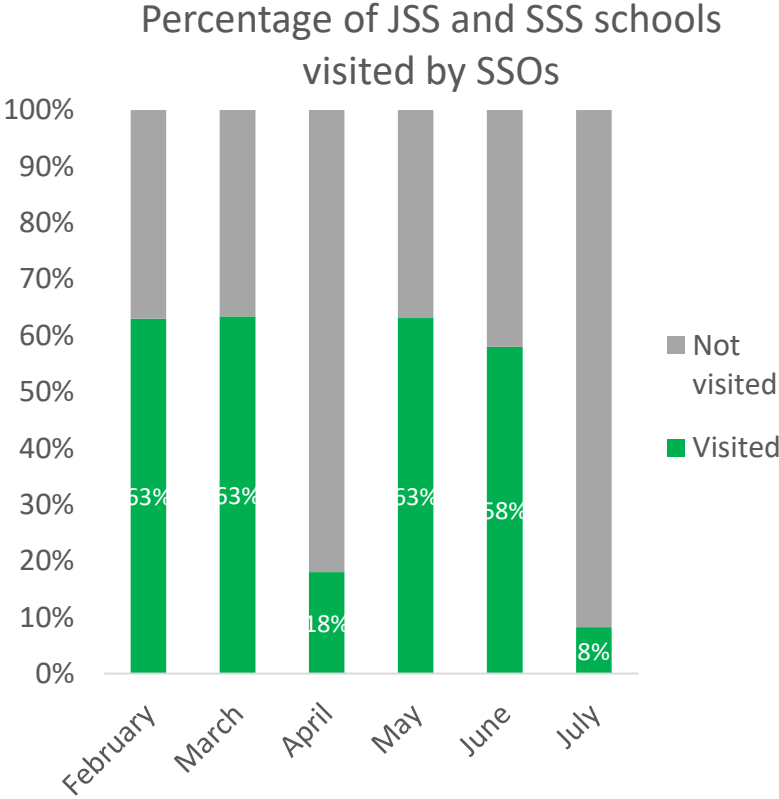
Improving Secondary Education in Sierra Leone

Section 3 – SSO visits to schools



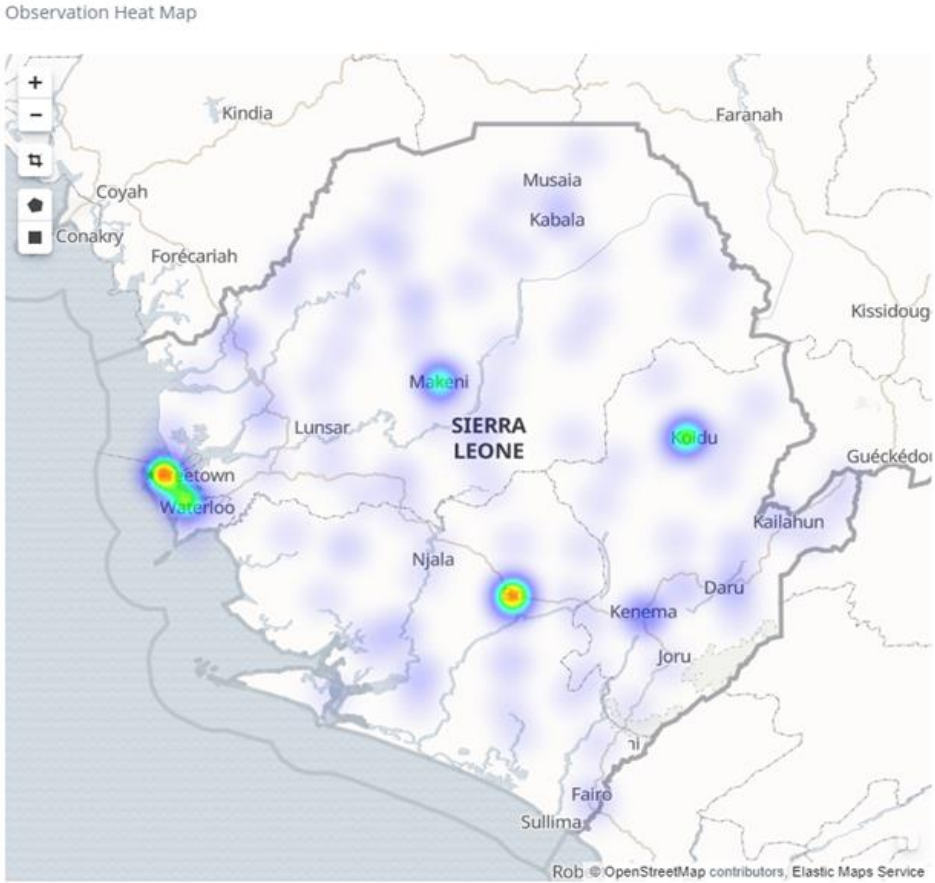
SSO visits to JS and SS Schools for Observations, July

The number of schools receiving classroom observations dropped significantly this month due to the majority of schools concentrating on exams this month

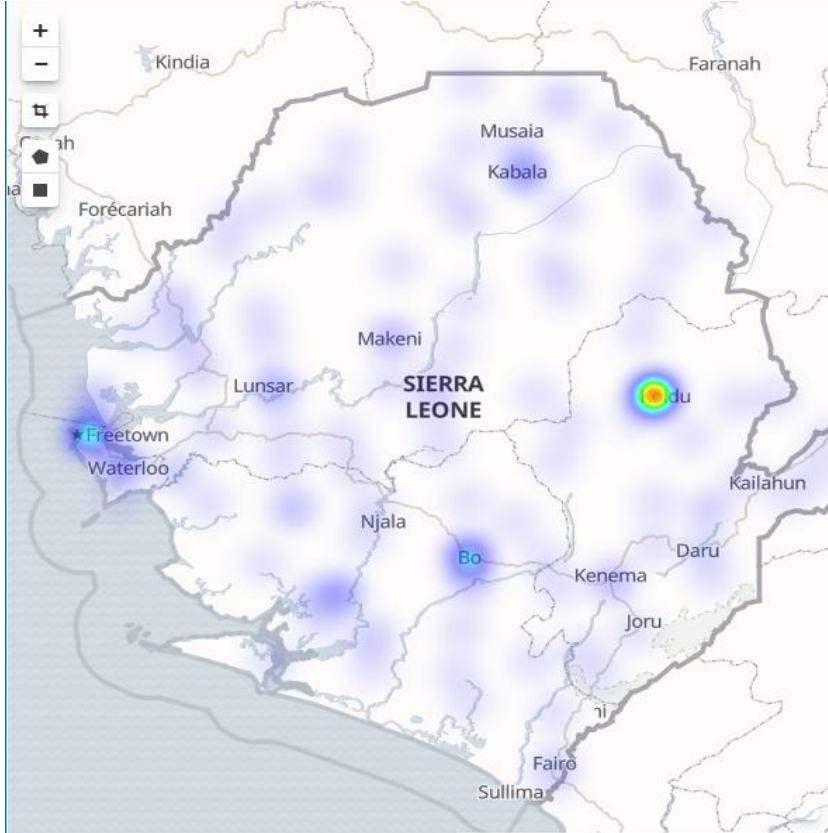


Observation heat map for the Month of July

From the heat map it can be seen that the density of observations was much lower in July compared to June



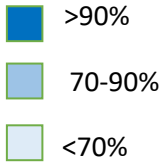
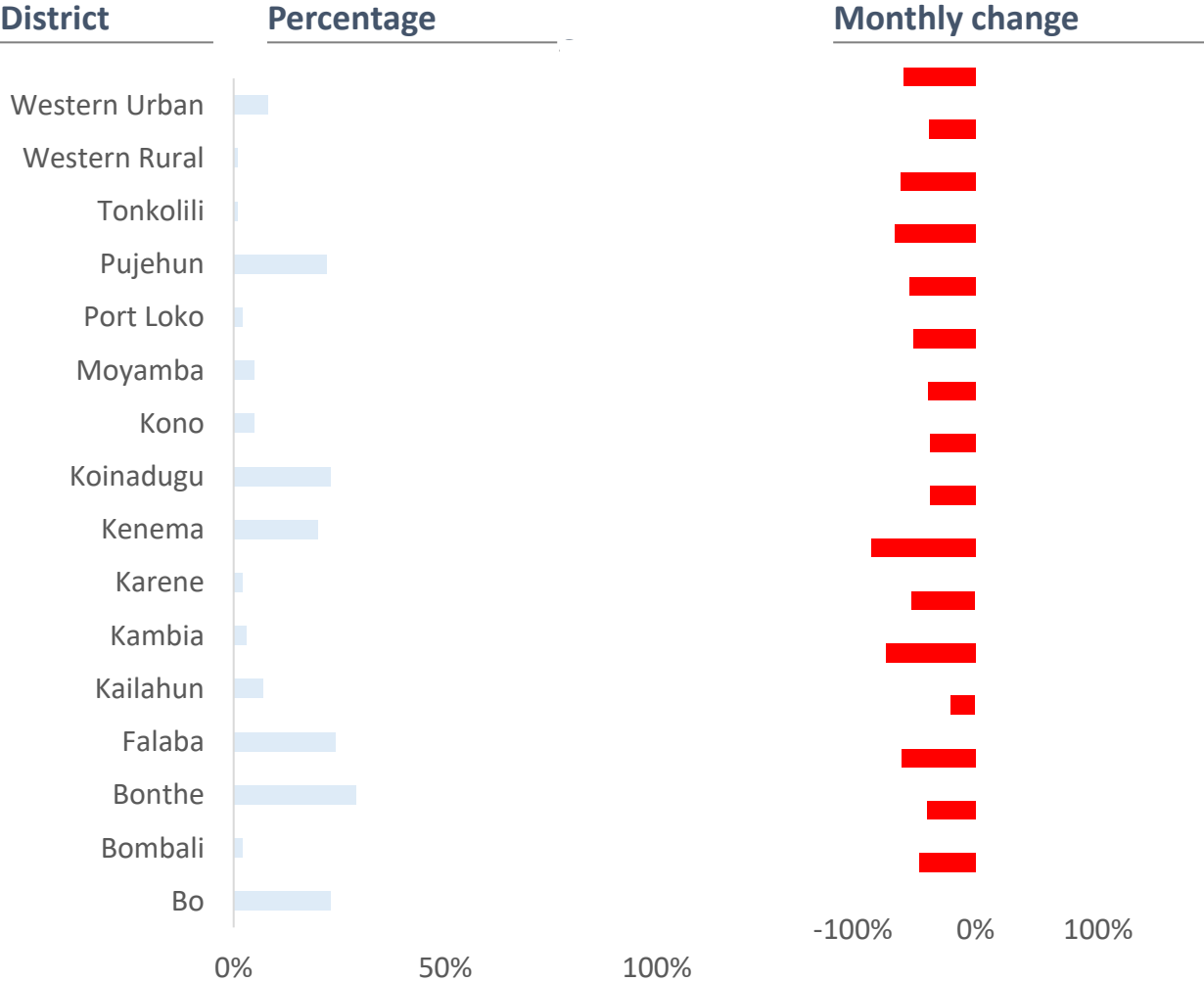
June



July

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

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



Leh Wi Lan

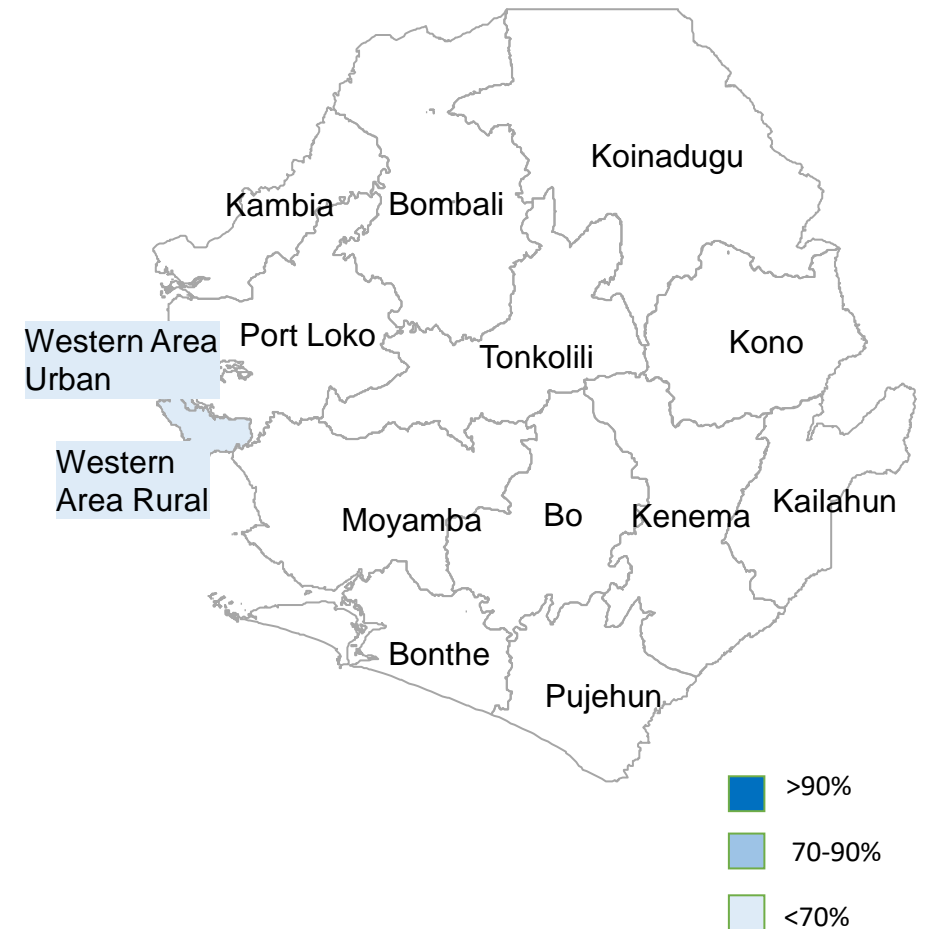
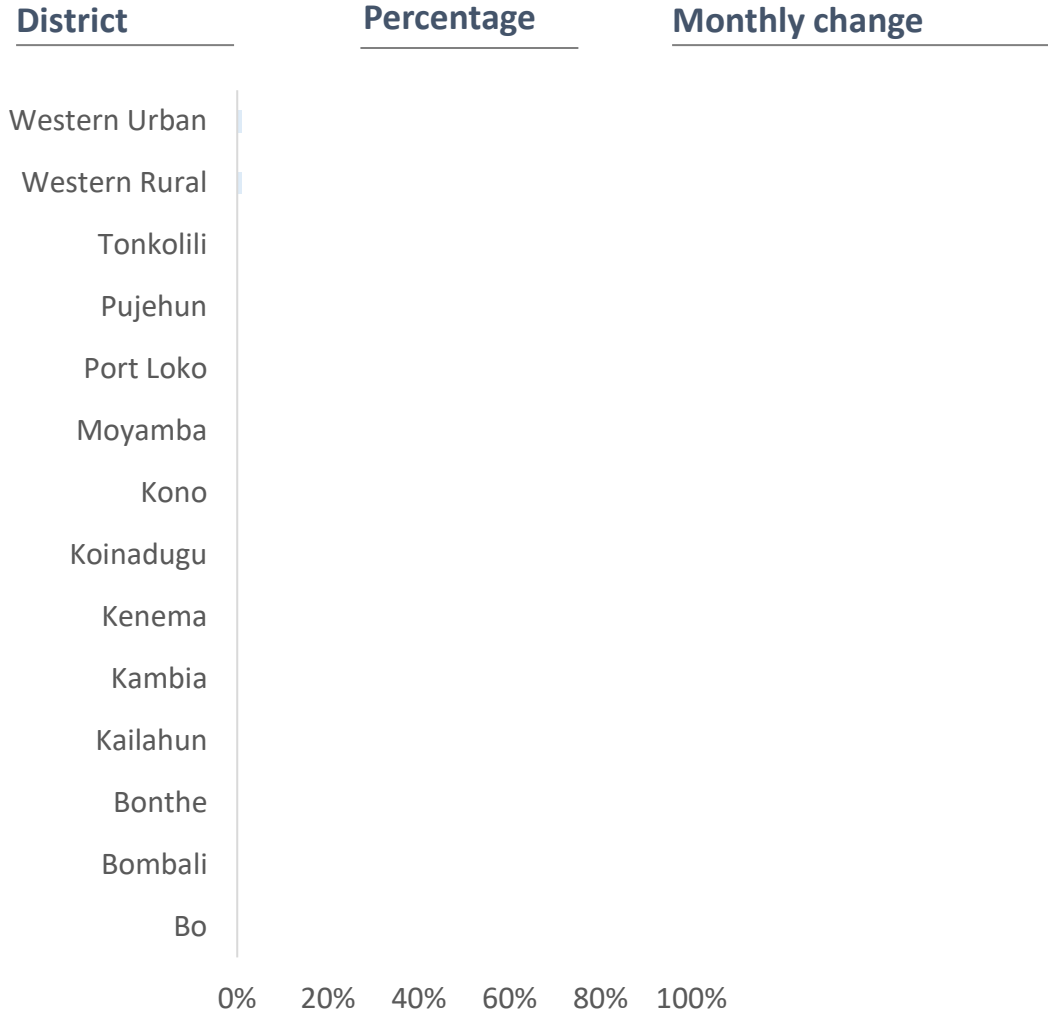
Improving Secondary Education in Sierra Leone

Section 4 – Supervisor visits to schools



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

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



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



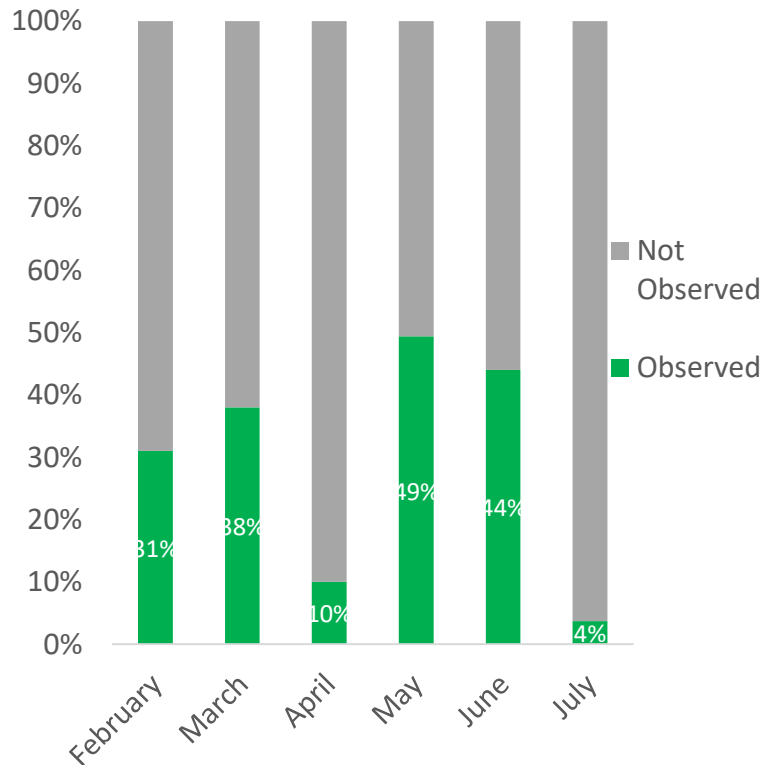
UKaid
from the British people

M **M**
MOTT
MACDONALD

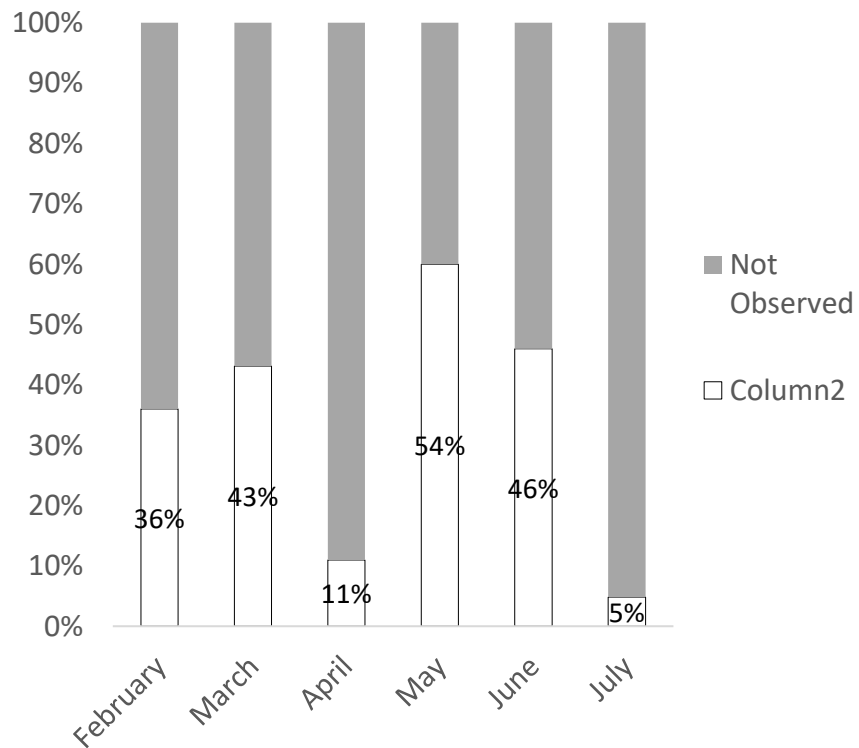
Proportion of JSS and SSS English and Maths teachers observed by SSOs, for July

The low percentage of teachers being observed mirrors the low percentage of observations possible in July

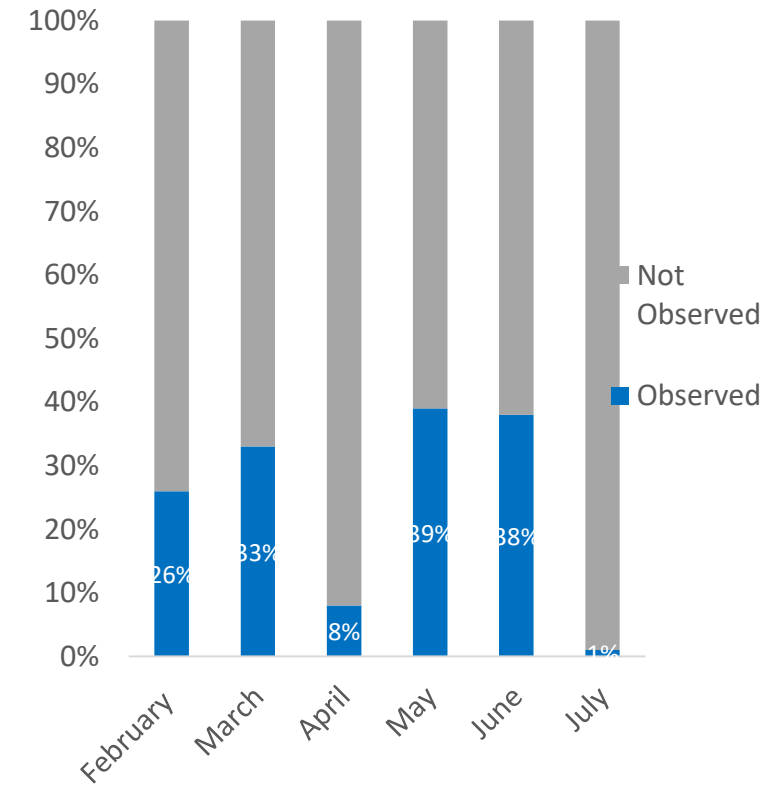
Percentage of JSS and SSS teachers observed by SSOs*



Percentage of JSS teachers observed by SSOs



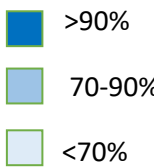
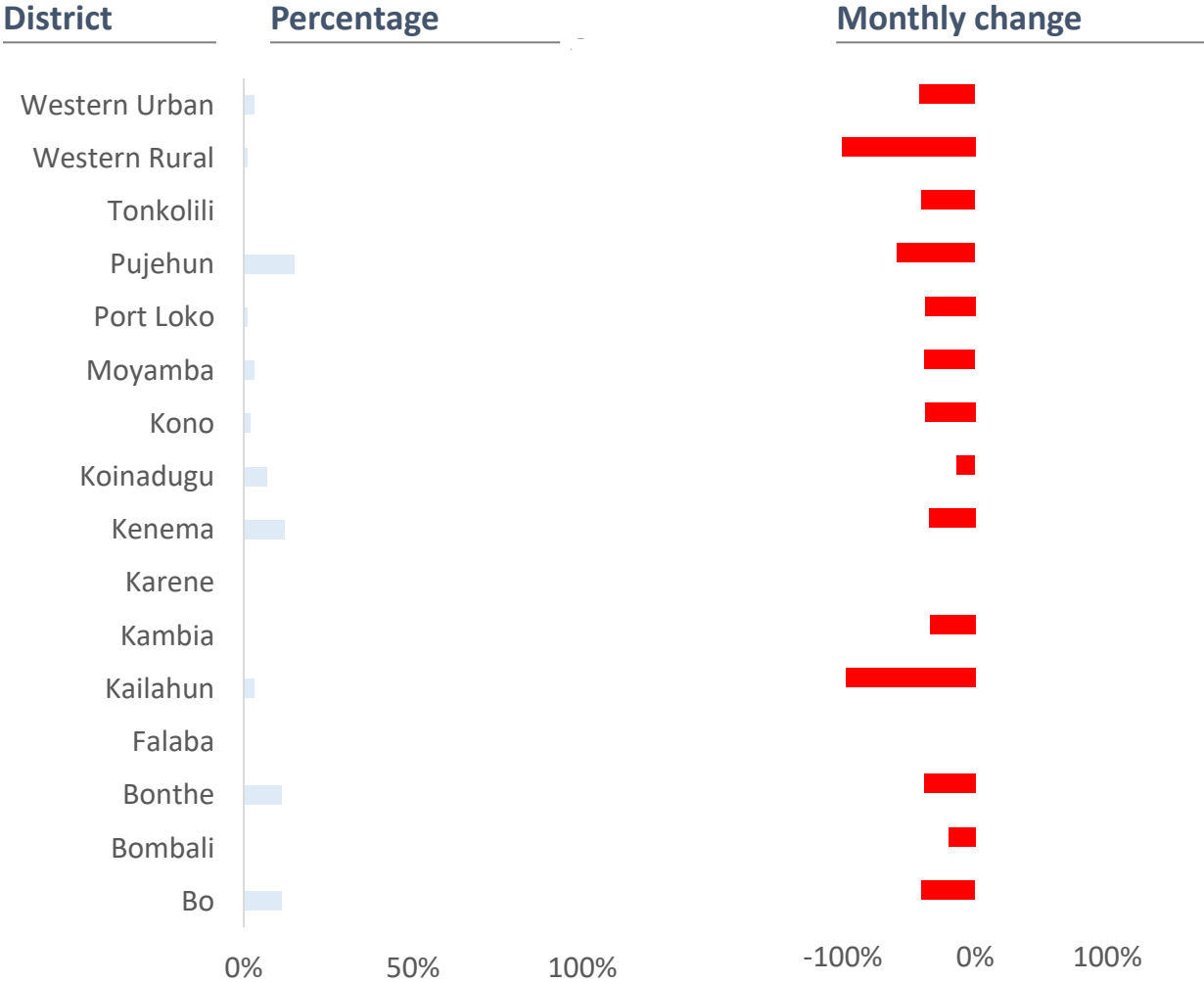
Percentage of SSS teachers observed by SSOs*



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

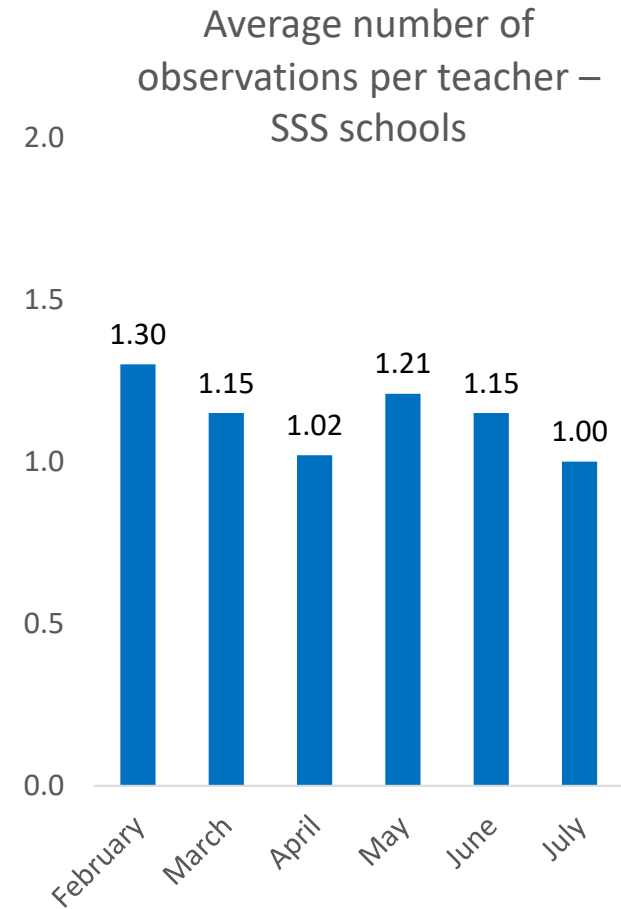
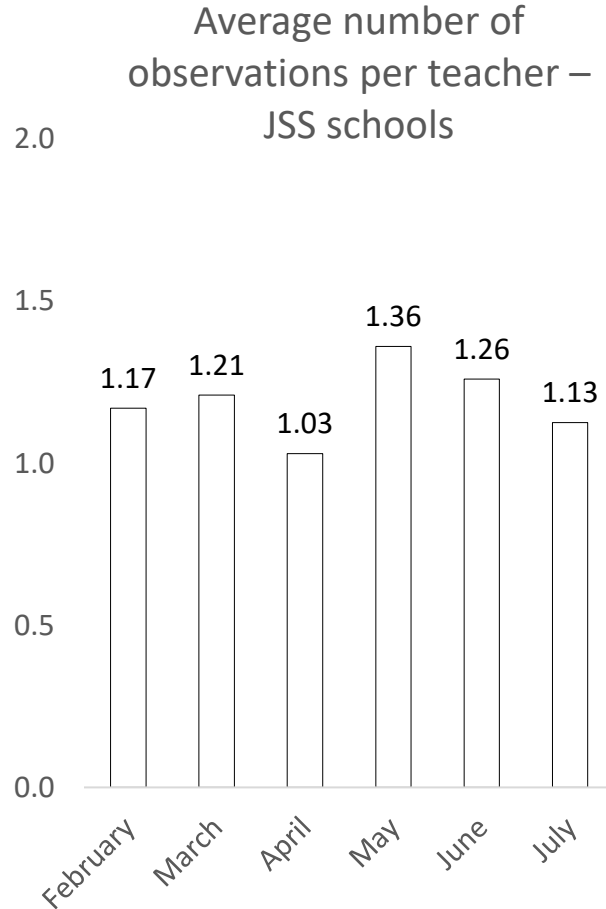
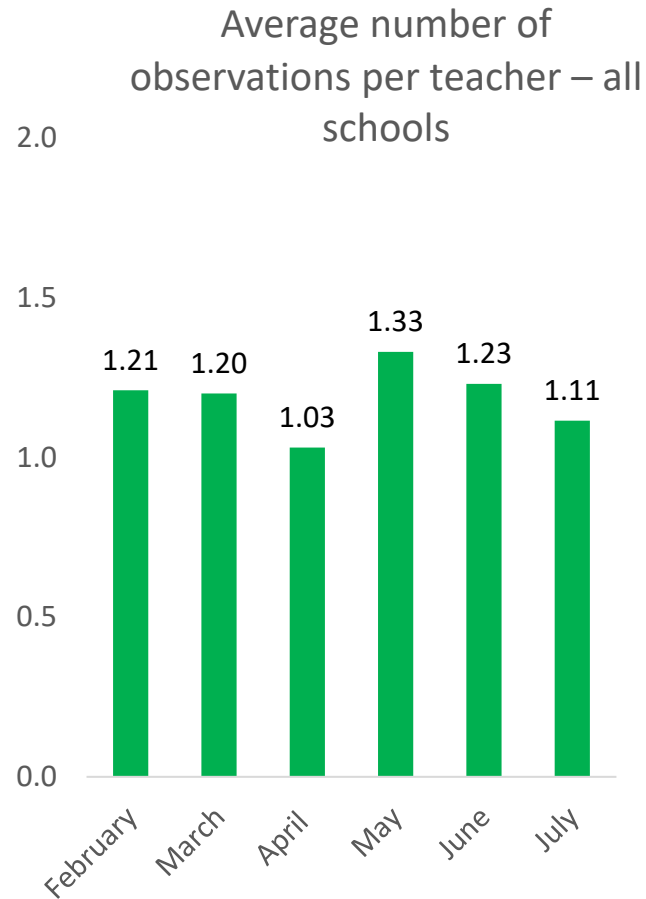
Percentage of JSS English and Maths teachers observed, by district in July

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



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

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

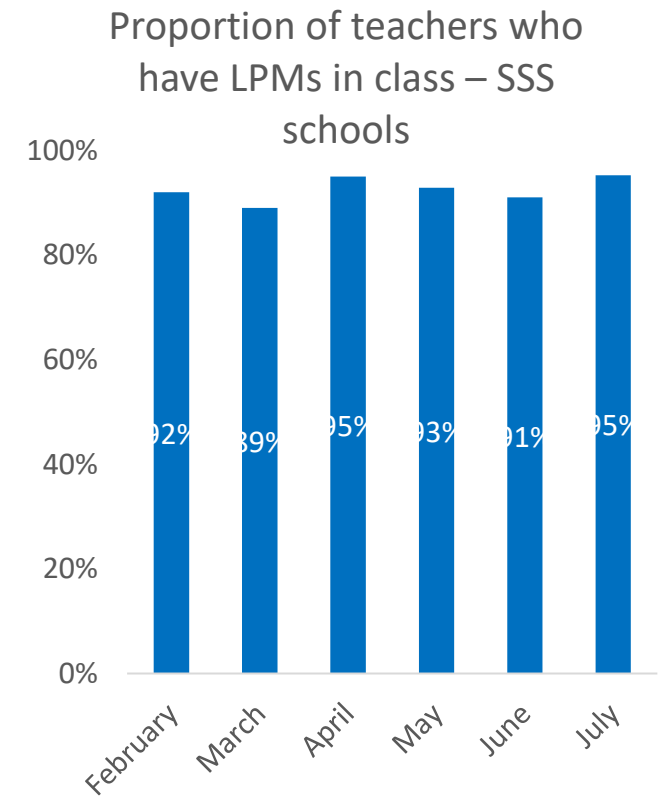
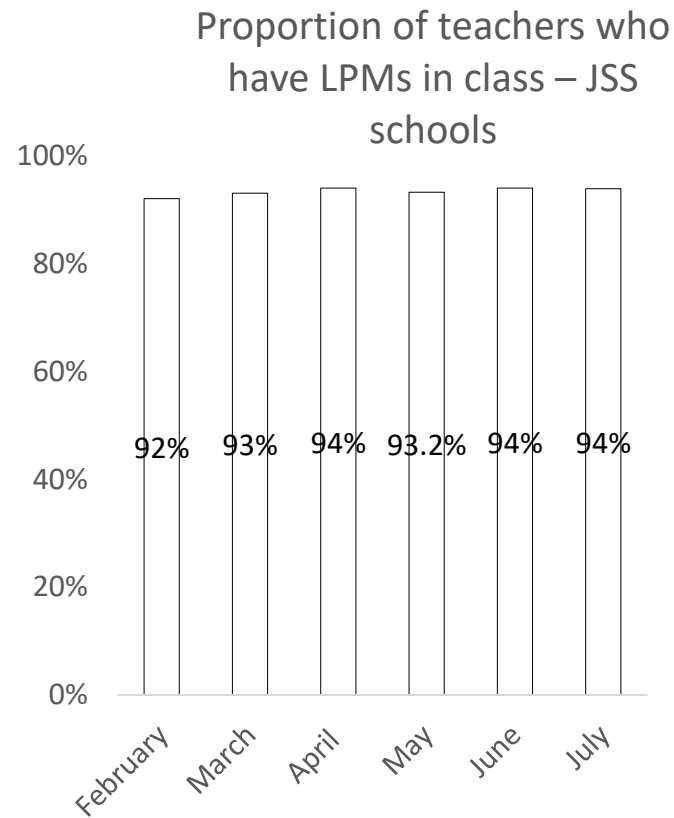
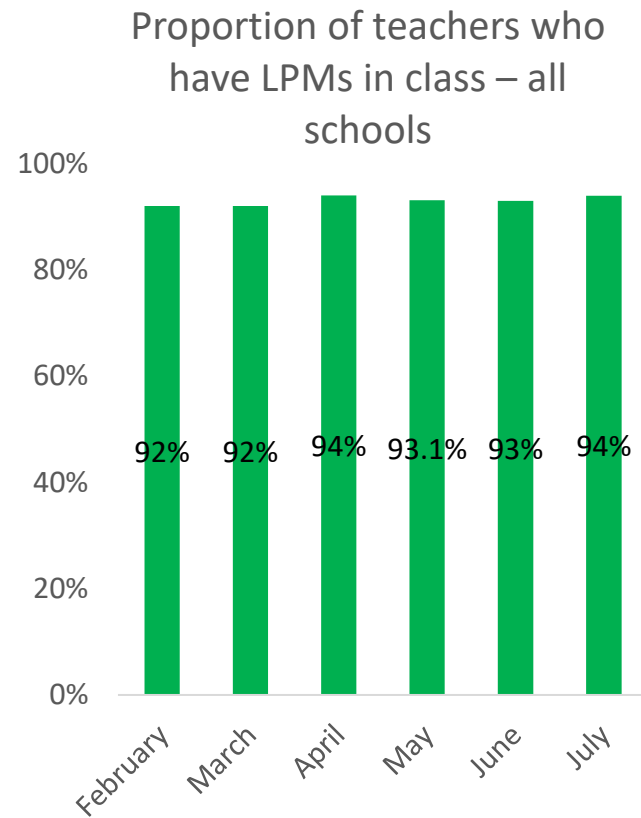


UKaid
from the British people

M
M
MOTT
MACDONALD

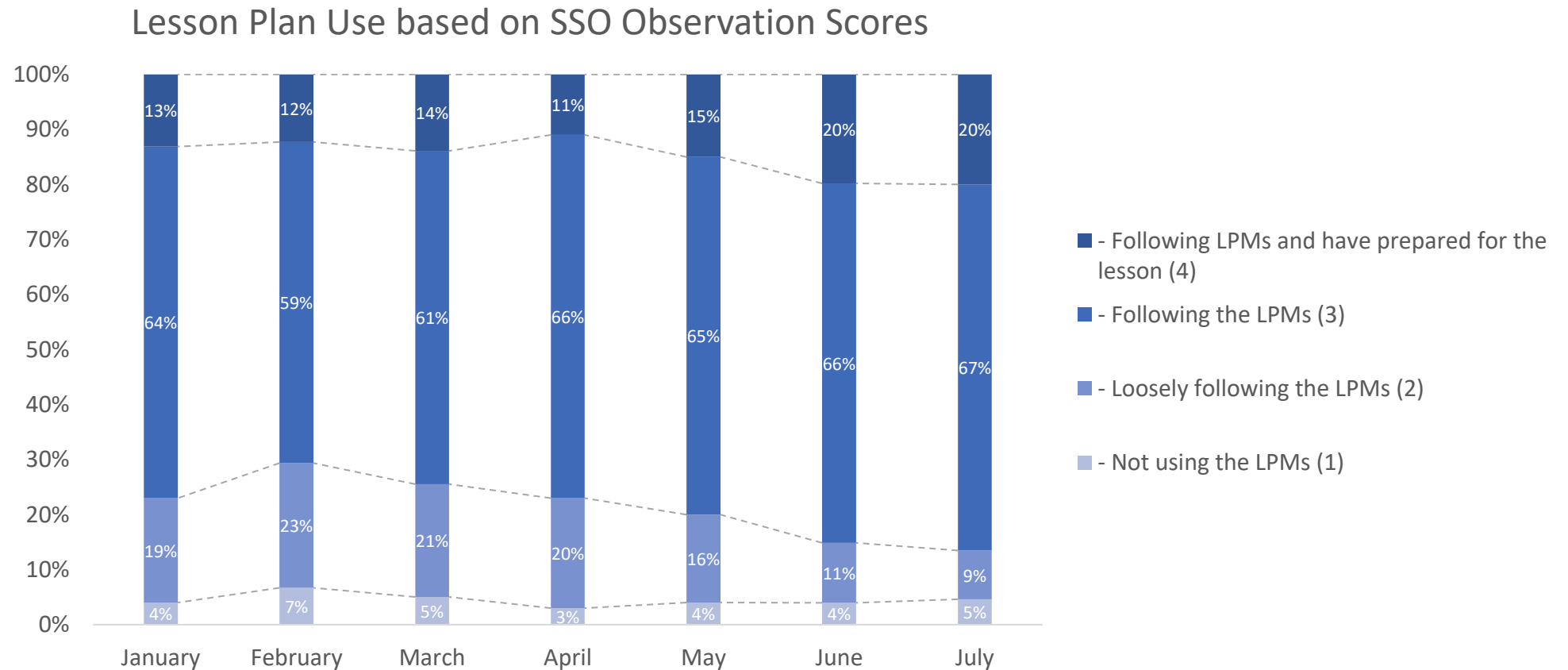
Proportion of teachers that have LPMs in the class during observation, for July

The use of LPMs in classes remains to be high – consistently well above above 90% and still improving



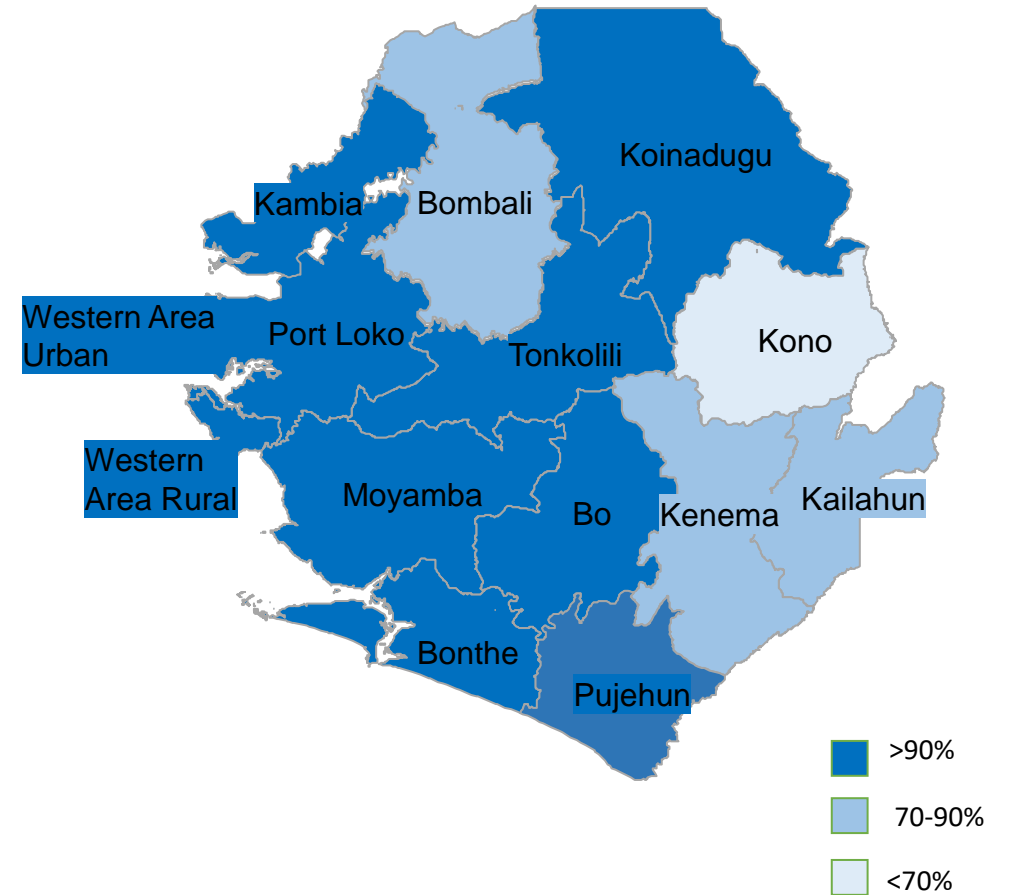
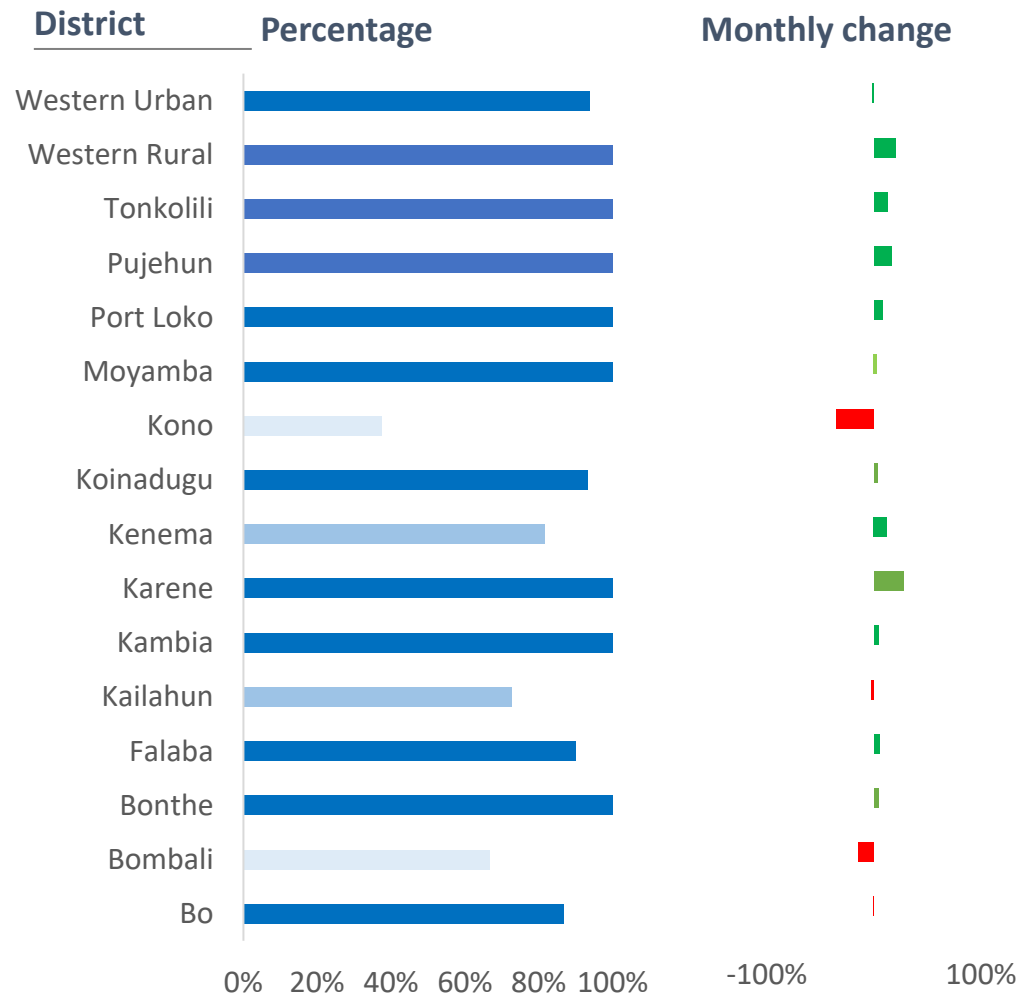
Observation scoring of lesson plan use by JSS English and Math teachers, for July

The quality of lesson plan use has improved in the last two months with over 85% scoring 3 or 4 in both months for the first time



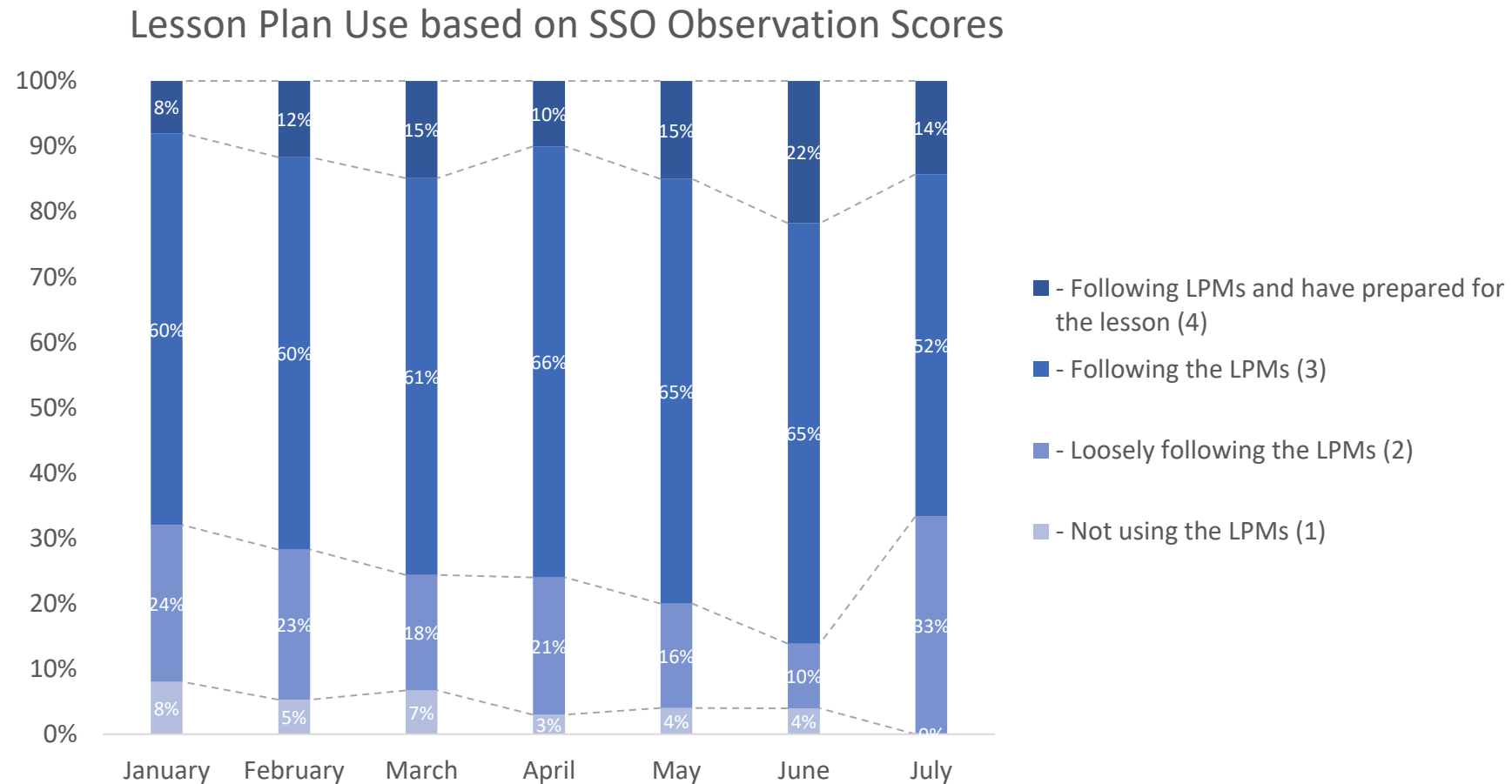
Percentage of lessons scoring 3 or 4 for LPM use, by District, for July, JSS

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



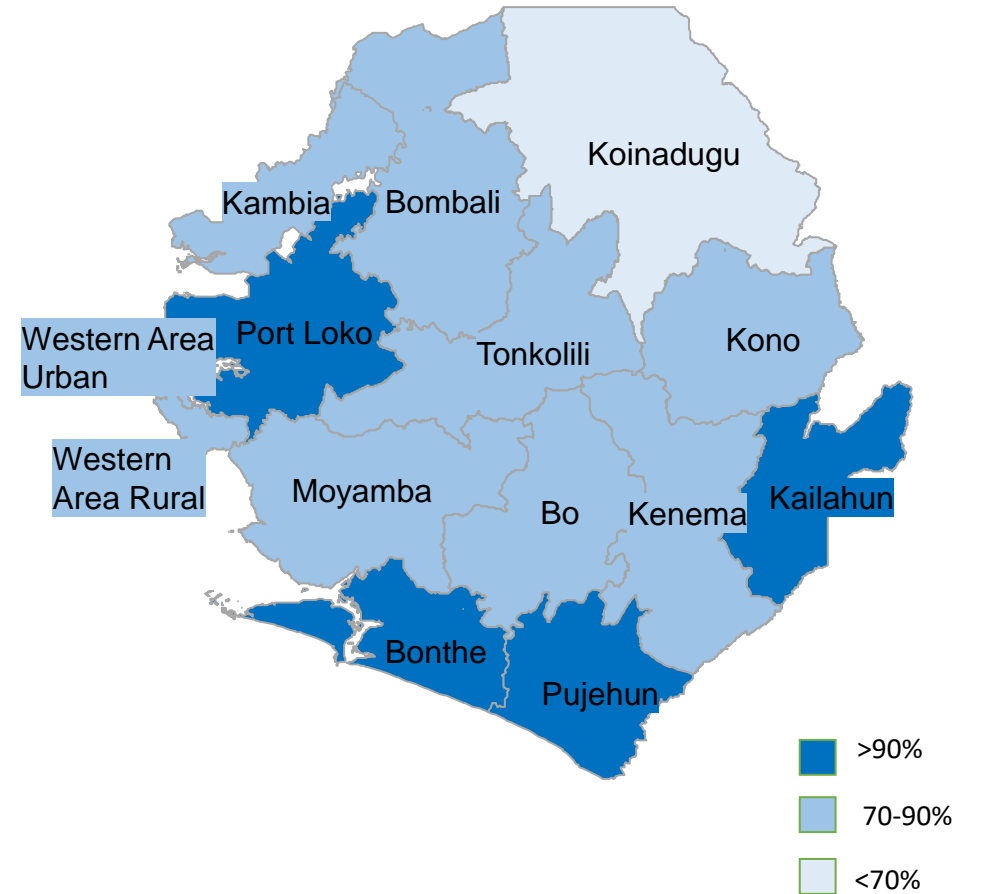
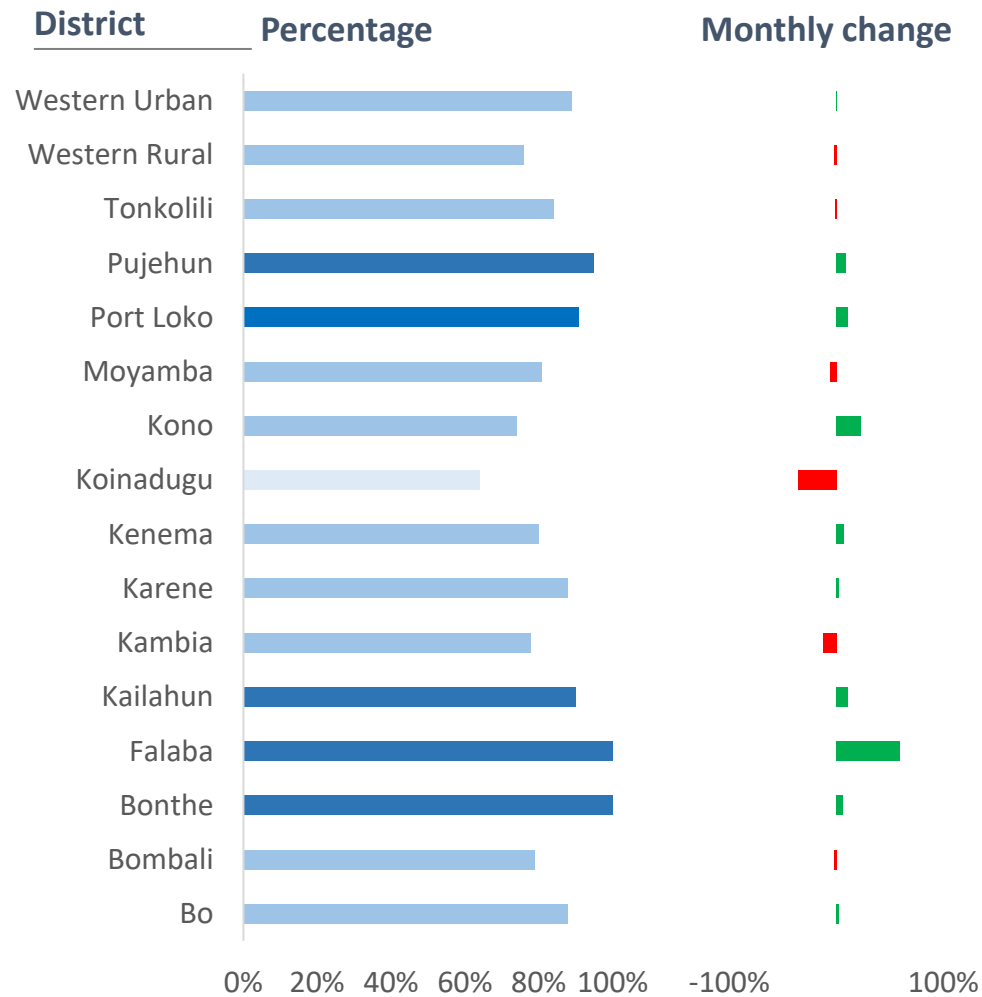
Observation scoring of lesson plan use by SSS English and Math teachers, for July

There was a decline in lesson quality for SSS in July, but this is only based on a sample of 21 observations and so is not a representative sample.



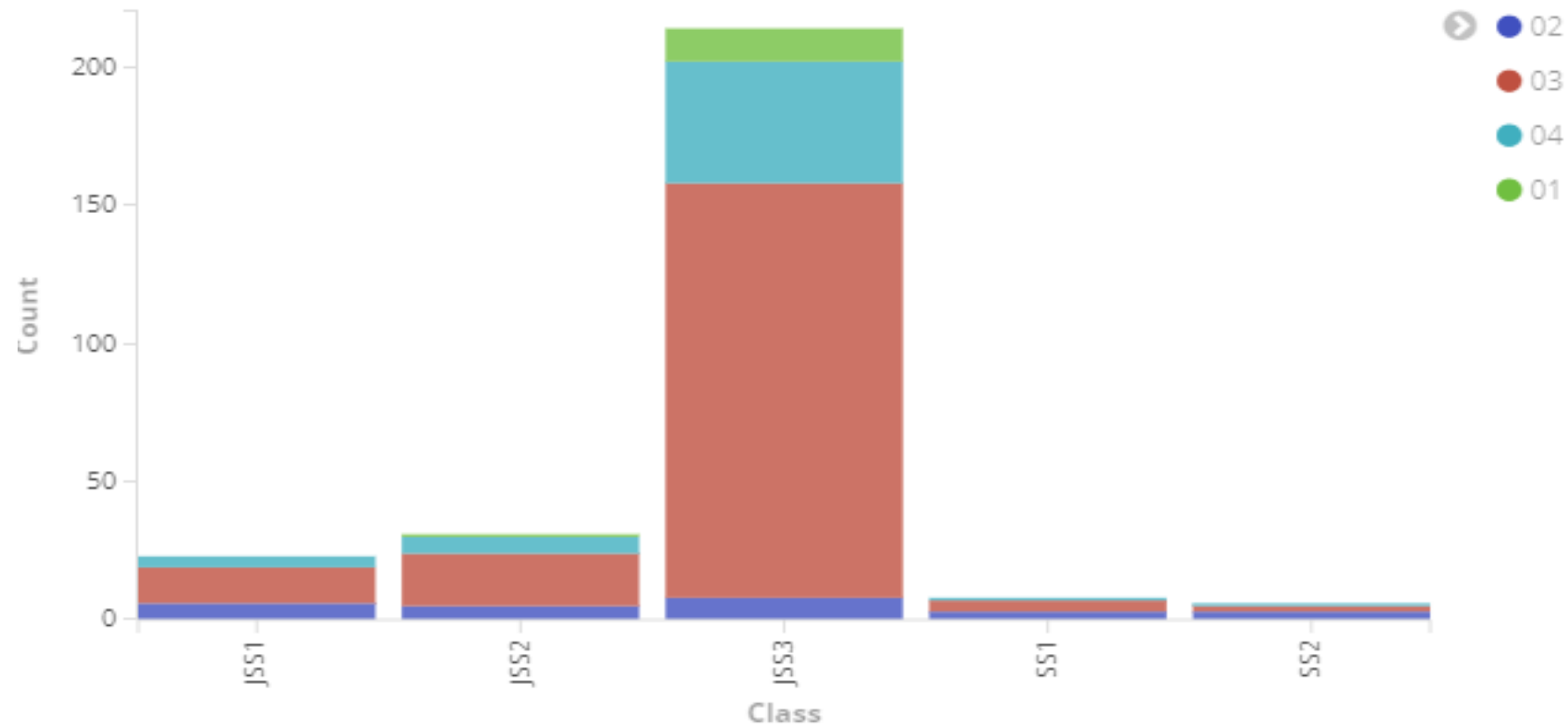
Percentage of lessons scoring 3 or 4 for LPM use, by District, for July, SSS- to do

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



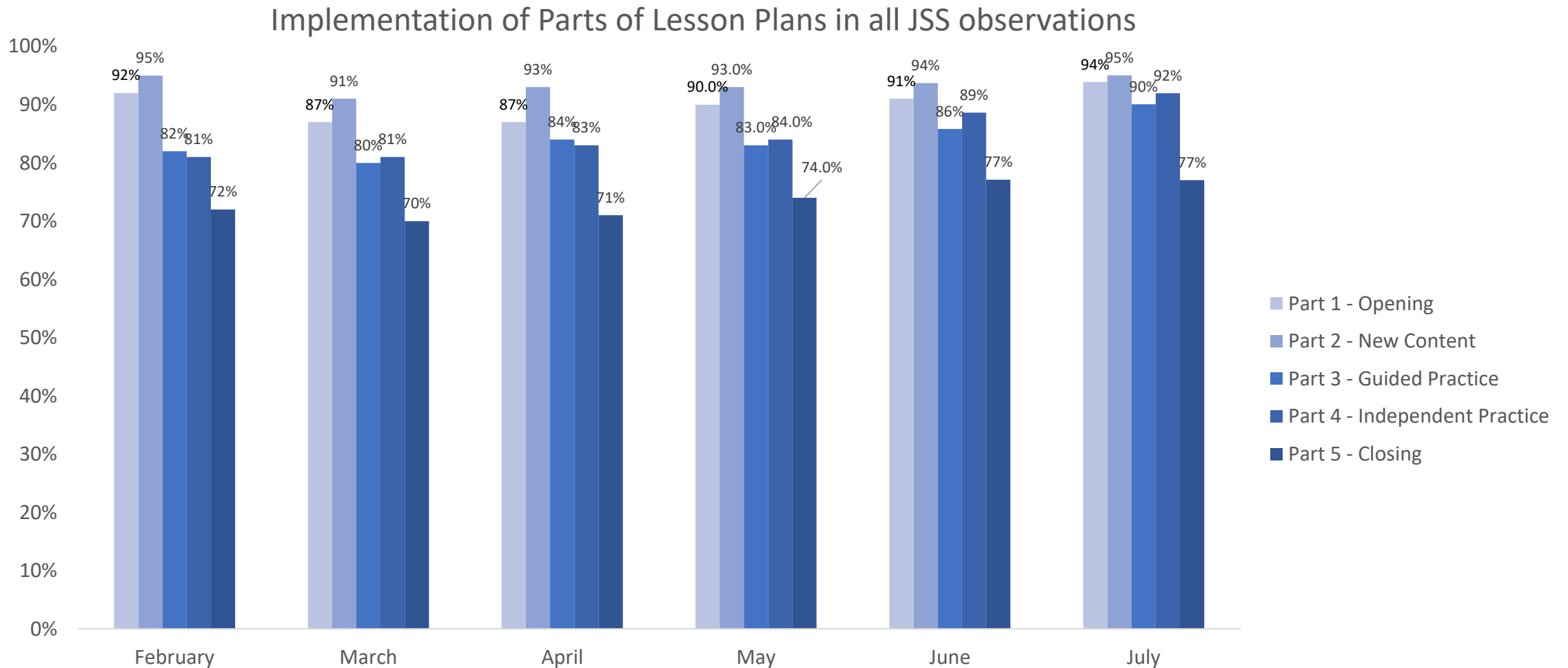
Lesson plan manual usage by grade

Almost no classroom observations were done on any grade except JSS 3 this month, due to exams.



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, but this is only based on a limited sample this month



Leh Wi Lan

Improving Secondary Education in Sierra Leone

Section 6 – Materials in classroom



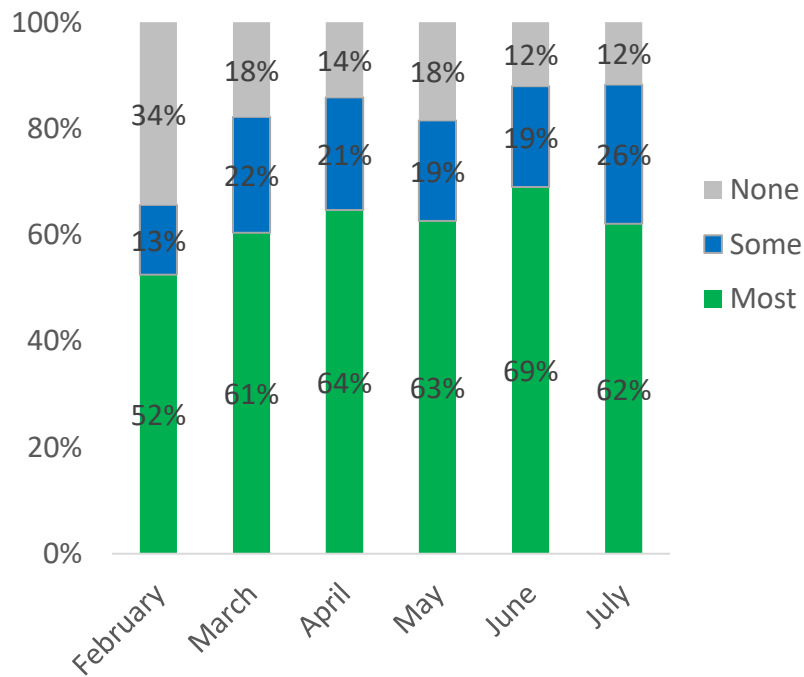
Government of Sierra Leone
Ministry of Education, Science
and Technology



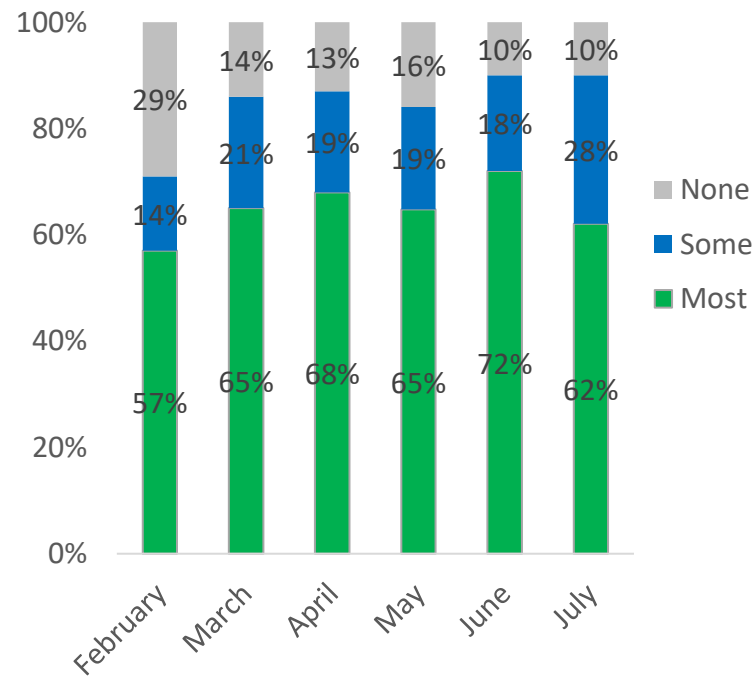
Proportion of pupils who have Pupil Handbooks in observed lessons, July

The level of pupil handbook remains similar to previous month, with most children in about 2/3 of classrooms having them

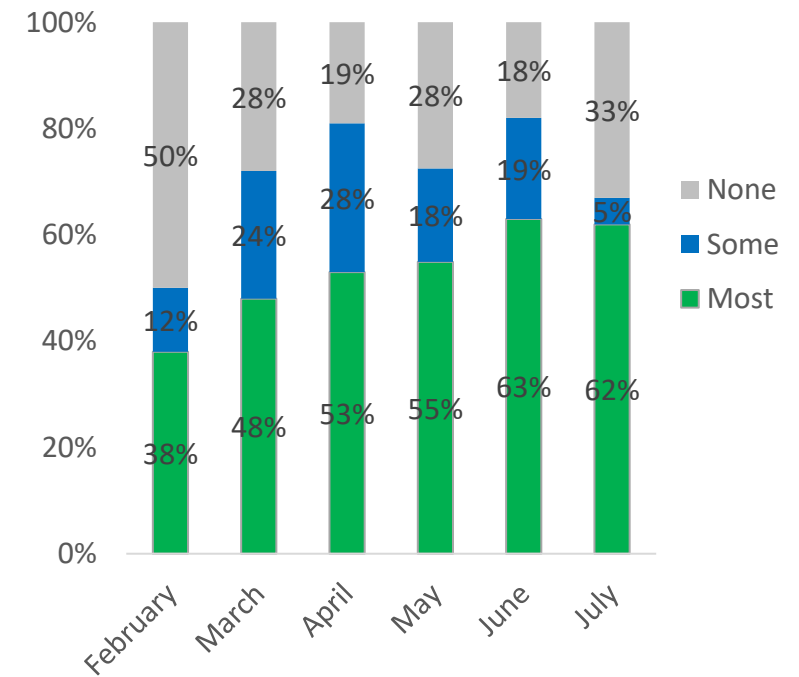
Proportion of Pupils who have Pupil Handbooks in Class, all schools



Proportion of Pupils who have Pupil Handbooks in Class, JSS

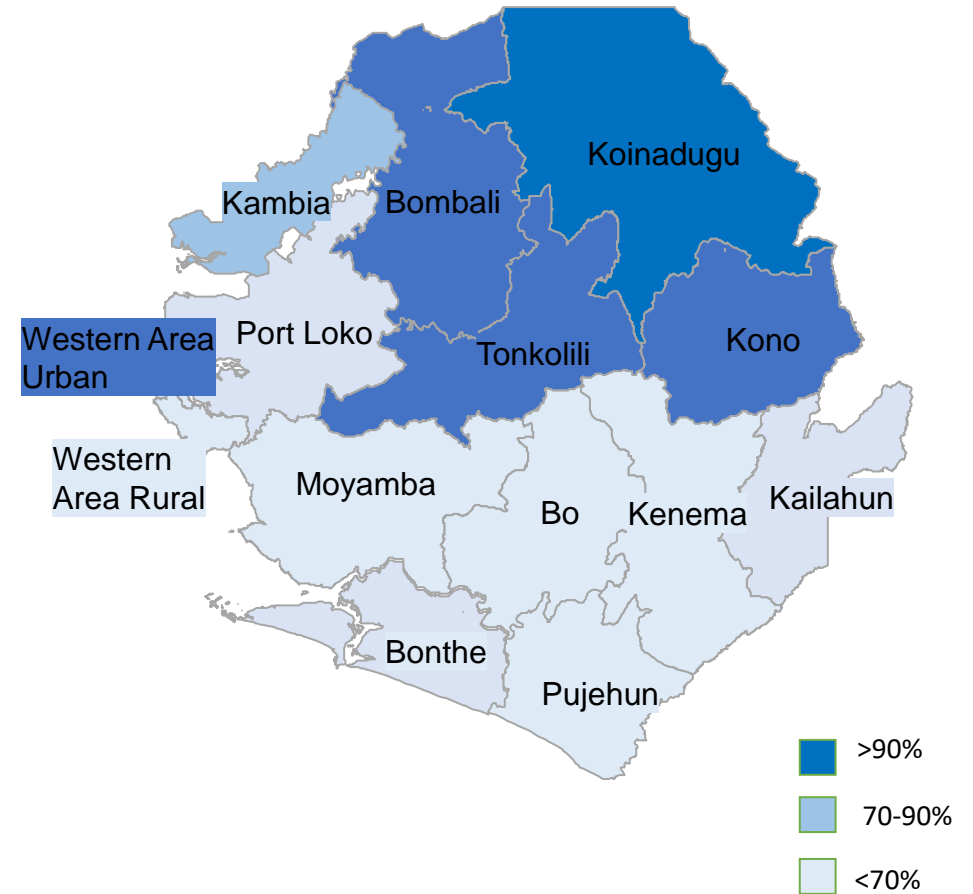
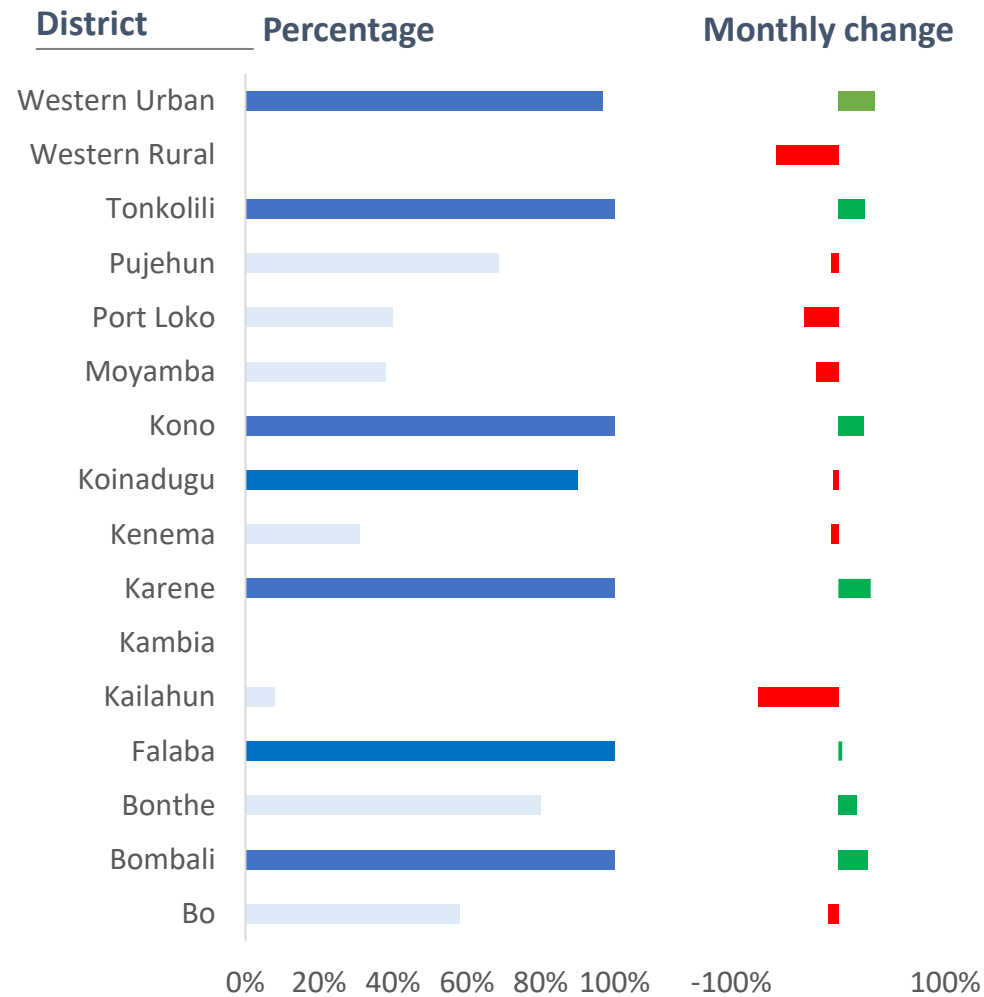


Proportion of Pupils who have Pupil Handbooks in Class, SSS



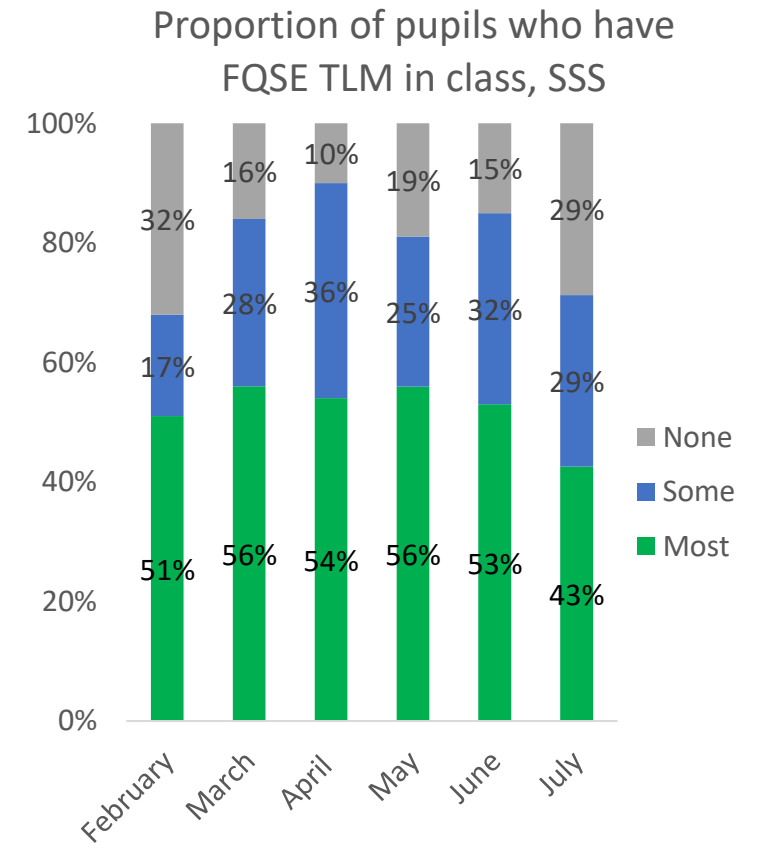
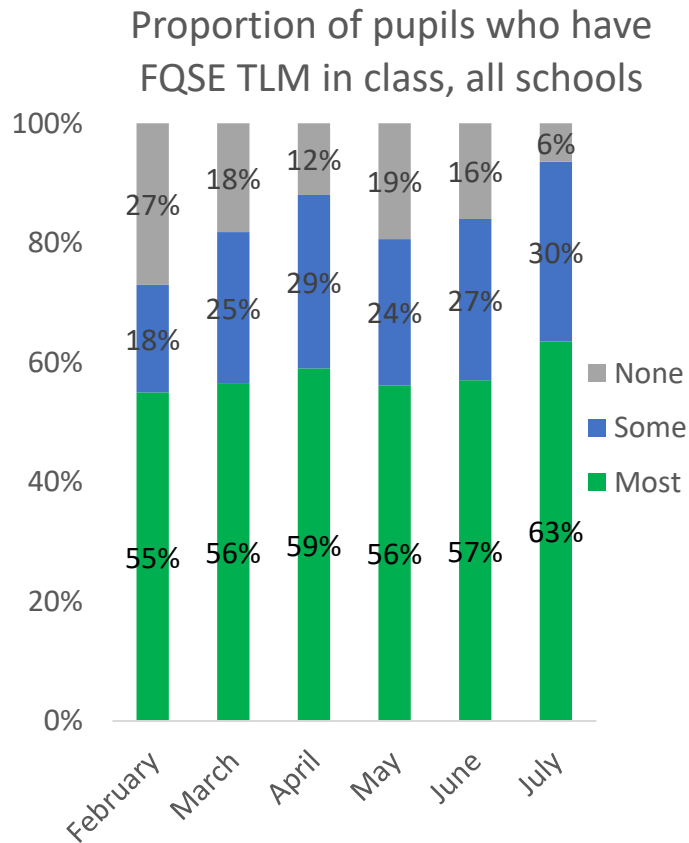
Proportion of Classrooms where 'most' pupils have pupil handbooks in class, for July

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



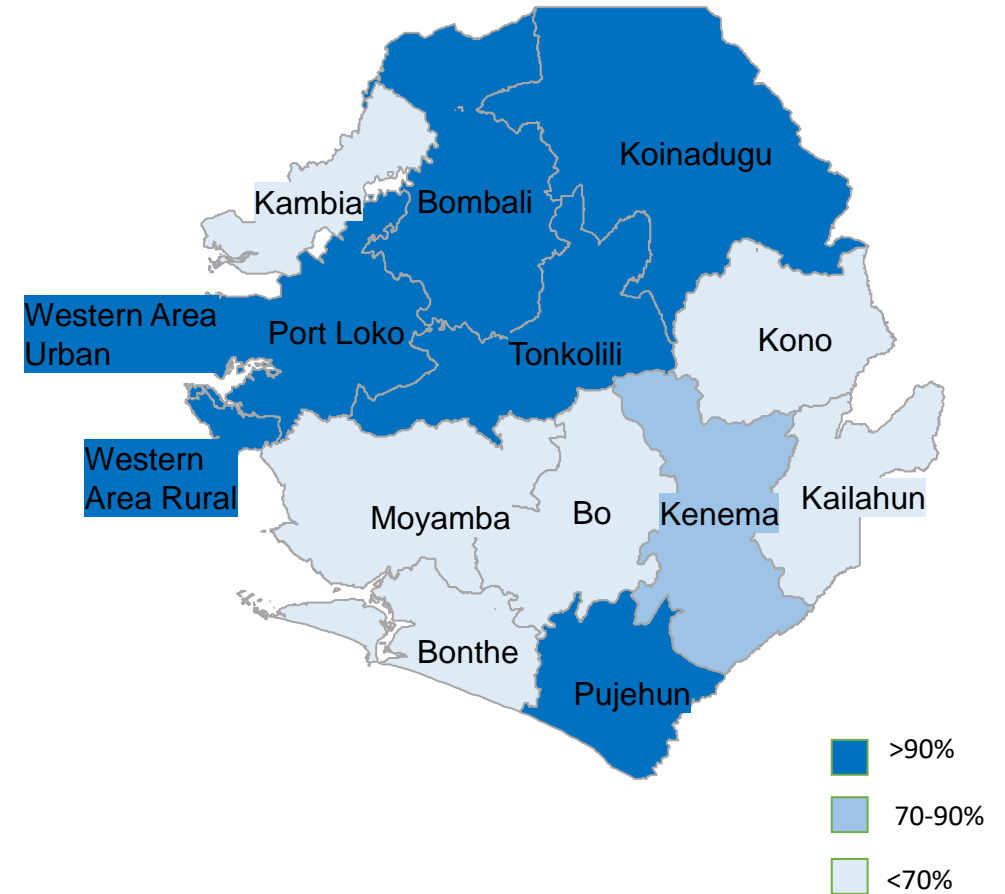
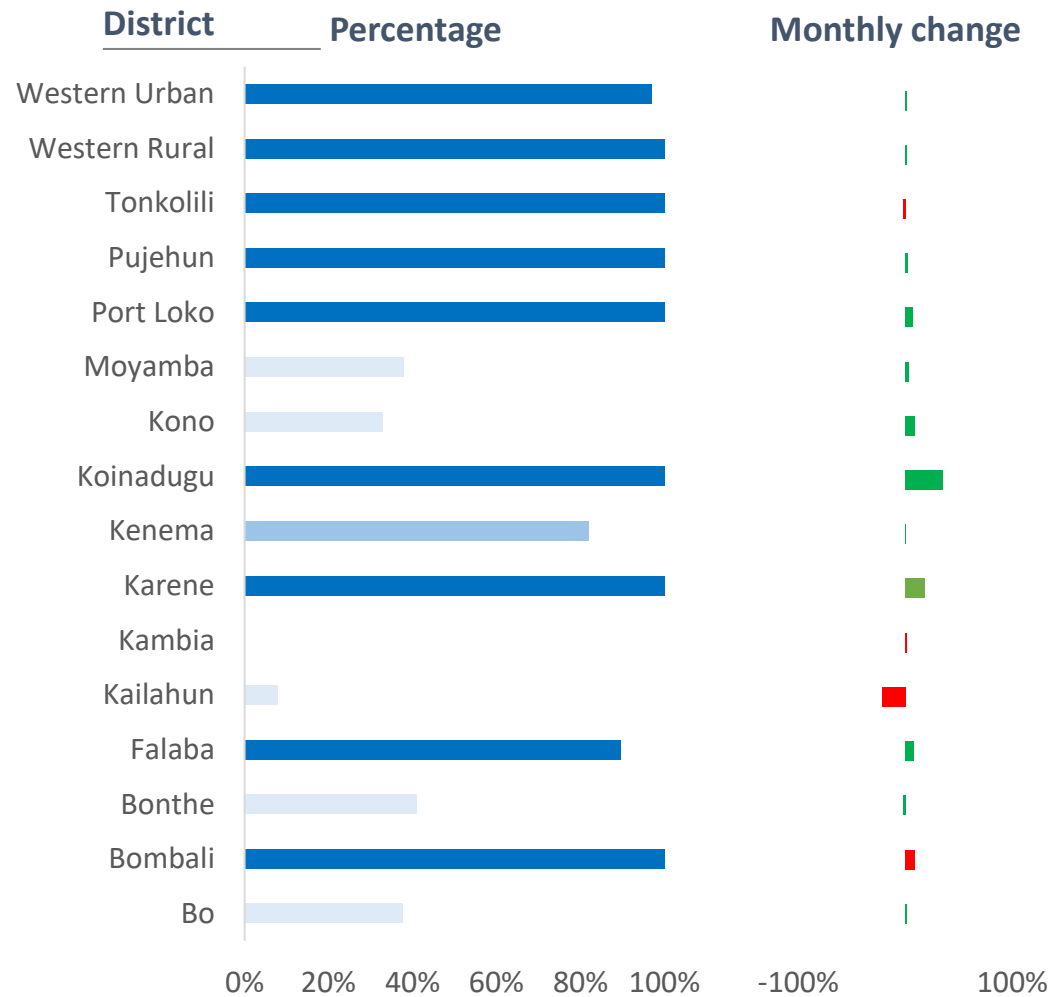
Proportion of pupils who have FQSE teaching and learning materials in class, for July

The proportion of JSS classrooms where most children have FQSE materials with them moved above 60% for the first time – but it needs to be remembered this is based on a very low sample this month



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

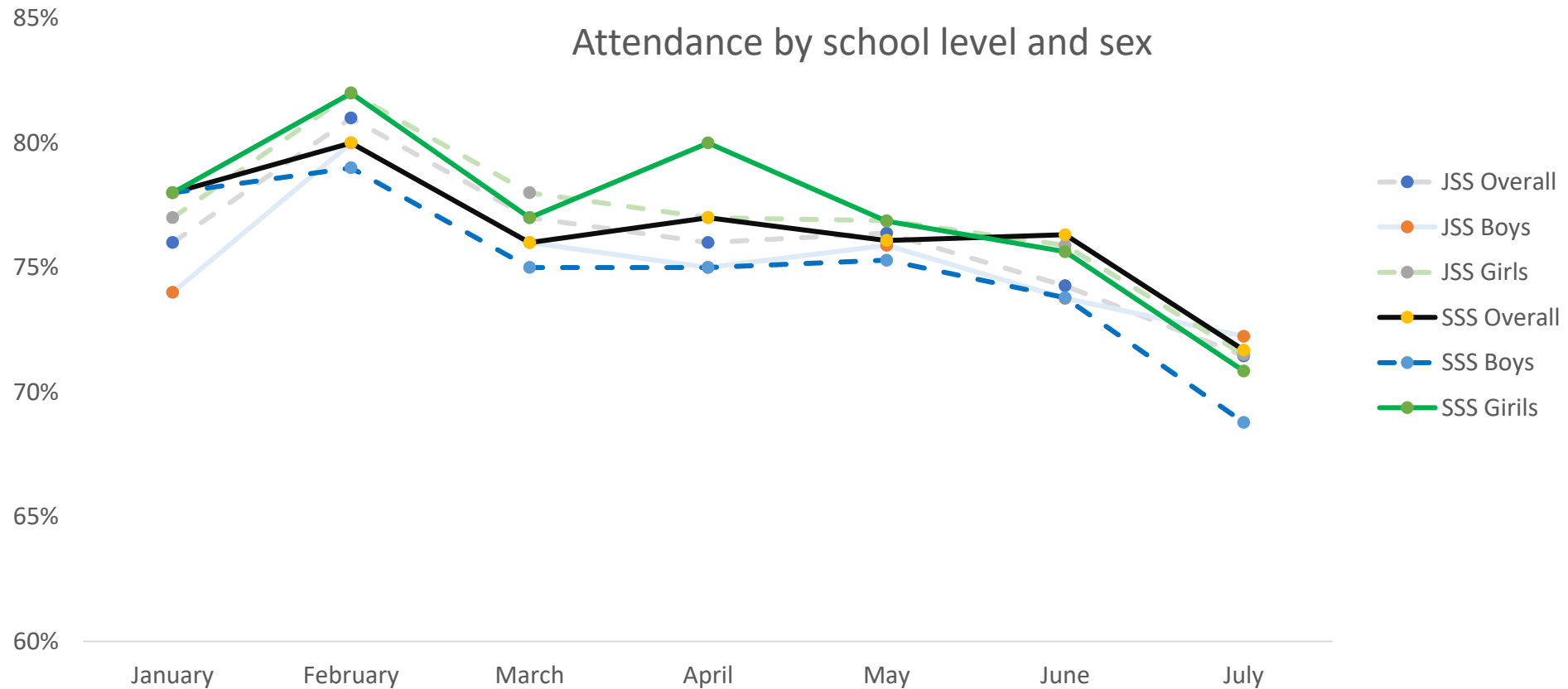


Government of Sierra Leone
Ministry of Education, Science
and Technology



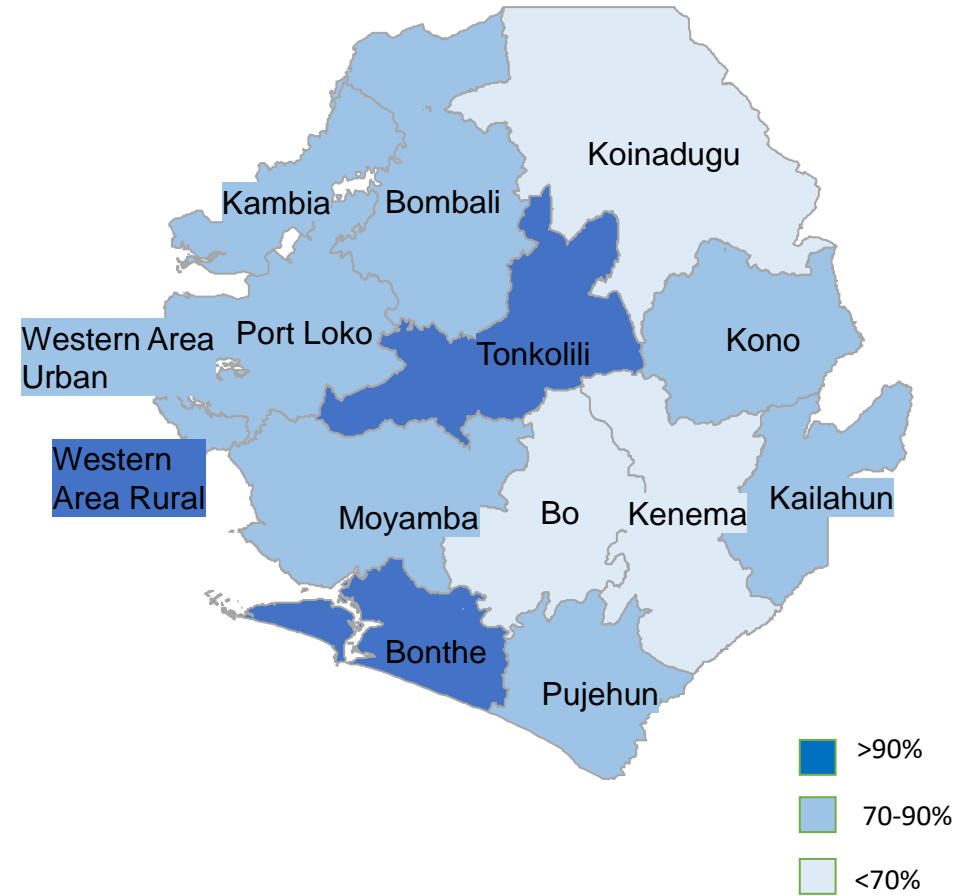
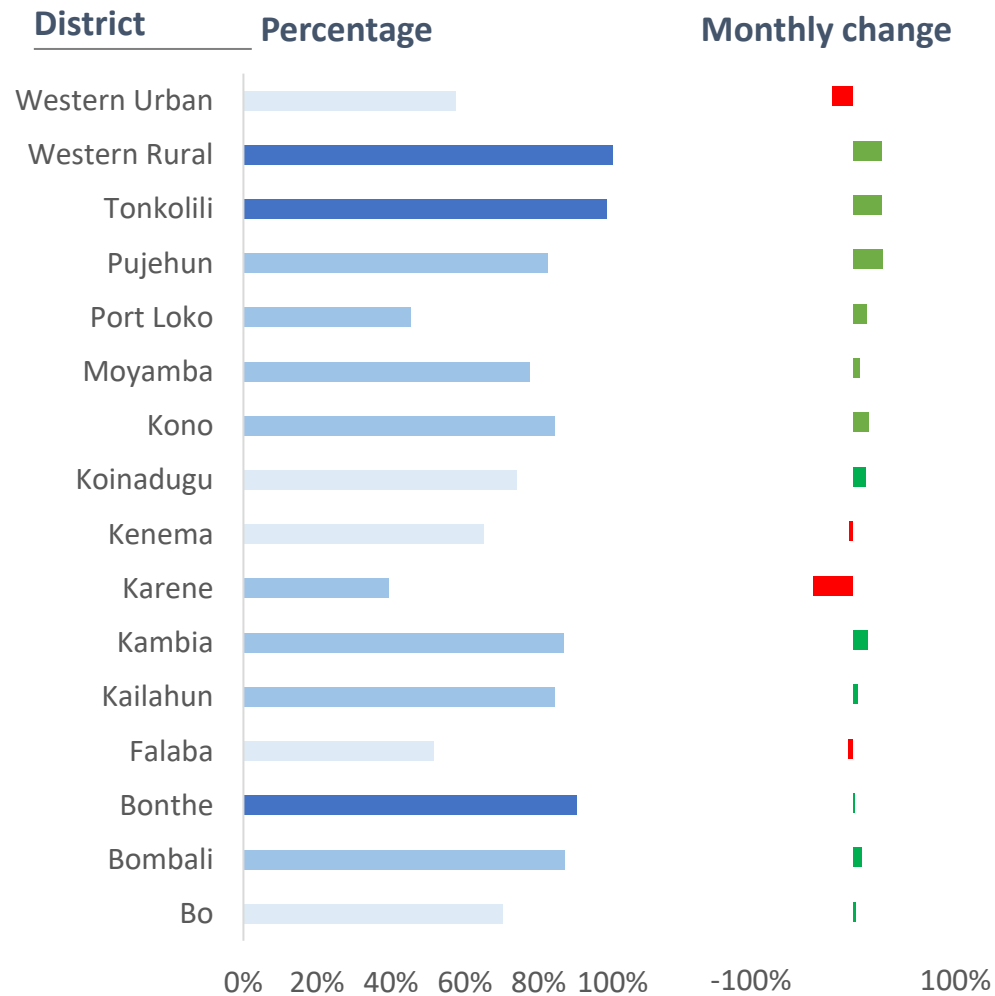
Average combined JSS and SSS classroom attendance, disaggregated by sex for July

Attendance dropped slightly in JSS this month, but remained the same for SSS. The data is based only on classroom observations only and therefore on a very limited sample this month



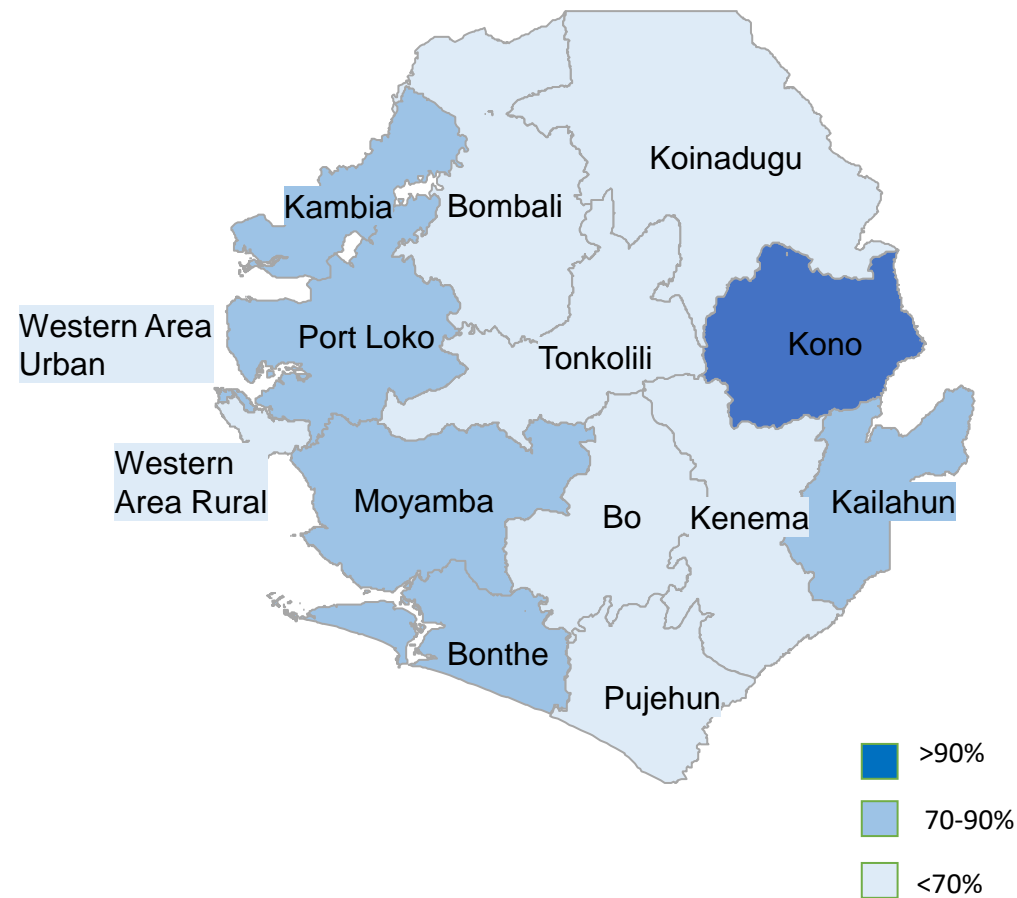
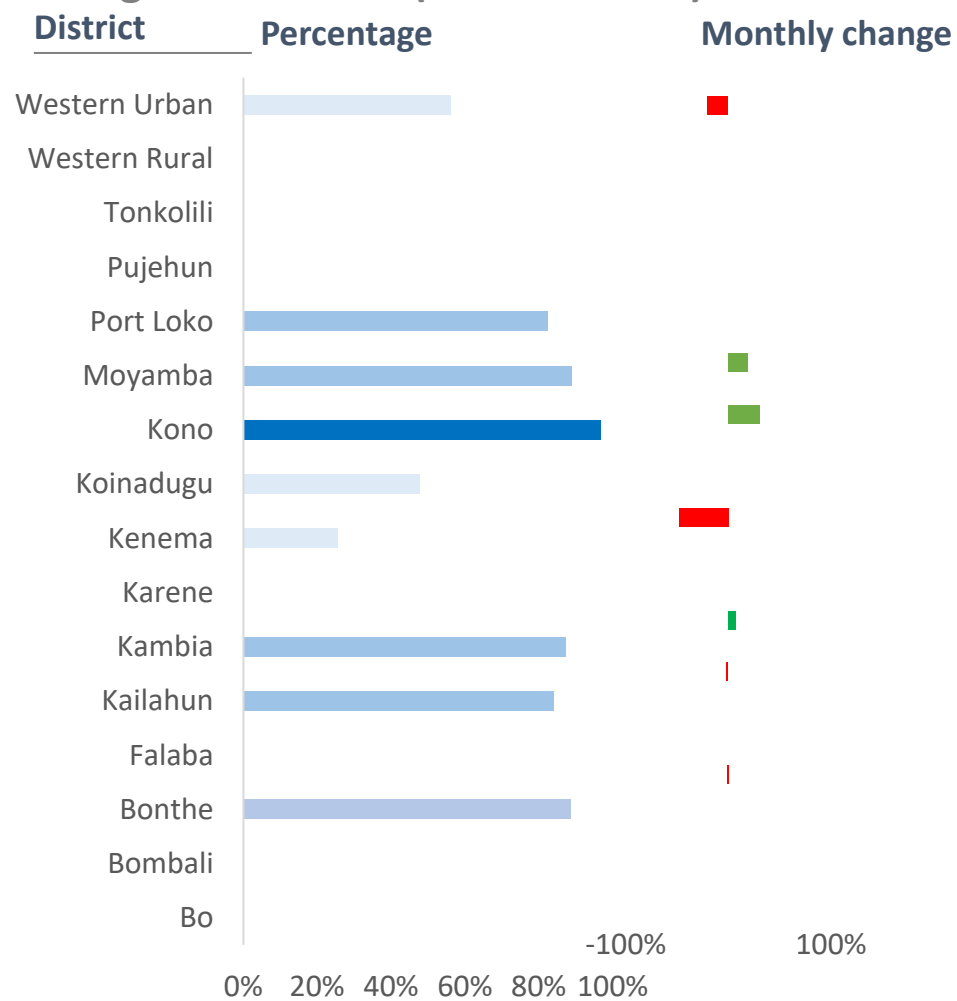
Average attendance in JSS Classrooms, both sexes by district in July

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



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

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



Leh Wi Lan

Improving Secondary Education in Sierra Leone

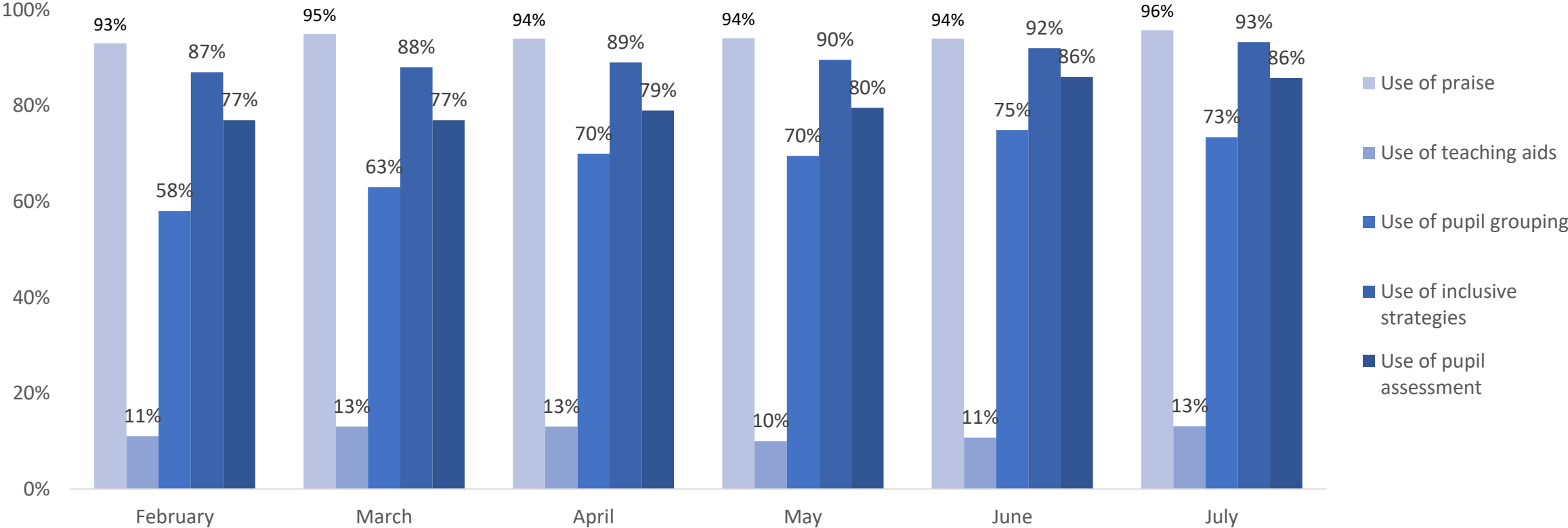
Section 8 – Pedagogy



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

The use of pedagogical strategies in classrooms was very similar to recent months

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



UKaid
from the British people

M M
MOTT
MACDONALD

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	121
SSS	546
SSS (non-private) – LWL focus	412
Actual Number of non private SSS Supported this month	13

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	232
SSS	5,917
SSS (non-private) – LWL focus (English & Maths teacher)	2,000 (estimate)
Number of SSS teachers reached this month	21