

Leh Wi Lan

Improving Secondary Education in Sierra Leone

Monthly School Monitoring Dashboard Report

May 2019



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Section 1 – Executive Summary



Monthly highlights

Highlights

- Access to a real-time online dashboard is now in place and upgrades to the system can be carried out even from remote locations. The real-time dashboard is available at <https://reporting.lehwilan.org/>
- Lesson observations increased considerably in the month of May, compared to April which was depressed by conduct of exams.
- Average number of observations per JSS and SSS teacher in May reached a year-high of nearly 1.5 visits per teacher per month
- Key observations related to school visits are:
 - Availability of Pupil Handbooks in observed lessons increased slightly
 - Proportions of classrooms where Lesson Plans are present continues to be high
 - Effective use of Lesson Plans continues to remain high – consistent with previous months
 - Improvement in proportions of JSS and SSS teachers scoring 3 or 4 (effective use) in Lesson Plan use this month
- There are some notable variations in performance at district level, with some districts performing very strongly in a number of indicators, while others were much weaker – some of these differences are outlined on the next slide

Areas needing improvement

- With the introduction of Tangerine data collection for Supervisors in a pilot from May, it is hoped that real-time reporting of Supervisor school visits can begin soon.
- In May, although a record proportion of teachers are using Lesson Plans at level 4 (highest) and the proportion at levels 1 and 2 (lowest) has reduced compared with April, these lowest levels still account for 20% of teachers observed which is a concern.
- Attendance was stable at JSS level but dropped slightly at SSS. At both levels, Koinadugu district recorded the least attendance at under 70%

Monthly highlights – by district

District	Strong performance	Areas for Improvement
Bo	<ul style="list-style-type: none"> 86% SSS lessons observed scored a 3 or 4 on effective LPM use 	<ul style="list-style-type: none"> Only 15% of JSS and SSS teachers used teaching aids lessons
Bombali	<ul style="list-style-type: none"> Average attendance for SSS Girls was 87% 	<ul style="list-style-type: none"> 0% of JSS and SS English and Maths lessons used teaching aids in lessons
Bonthe	<ul style="list-style-type: none"> Average total attendance was 88% 	<ul style="list-style-type: none"> Only 49% of JSS teachers were observed in the month of May
Falaba	<ul style="list-style-type: none"> 91% of classes observed most pupils had pupil handbooks 	<ul style="list-style-type: none"> 0% JSS and SSS English and Maths teachers used teaching aids in lessons
Kailahun	<ul style="list-style-type: none"> 89% of JSS teachers were observed in the month of May 	<ul style="list-style-type: none"> Only 7% of JSS and SSS lessons used teaching aids
Kambia	<ul style="list-style-type: none"> 94% of JSS and SSS lesson observed scored a 3 or a 4 on effective LPM use 	<ul style="list-style-type: none"> Only 31% of classes observed most have teaching and learning materials this month
Karene	<ul style="list-style-type: none"> 100% of JSS and SSS schools were visited 	<ul style="list-style-type: none"> Only 38% average total attendance for JSS and SSS lessons observed
Kenema	<ul style="list-style-type: none"> Average classroom attendance for SSS was 78% 	<ul style="list-style-type: none"> Only 35% of lessons observed scored most pupil had pupil handbook
Koinadugu	<ul style="list-style-type: none"> In 75% of classes observed most pupils had pupil handbooks 	<ul style="list-style-type: none"> Only 20% of JSS English and Maths teachers were observed this month
Kono	<ul style="list-style-type: none"> 100% of SSS lessons observed scored a 3 or 4 on effective LPM use 	<ul style="list-style-type: none"> Only 47% of JSS English and Maths observed for this month
Moyamba	<ul style="list-style-type: none"> 97% of JSS lessons observed scored a 3 or 4 on effective LPM use 	<ul style="list-style-type: none"> Only 44% of SSS schools visited for observations this month
Port Loko	<ul style="list-style-type: none"> 84% of JSS lessons observed scored a 3 or 4 on effective LPM use 	<ul style="list-style-type: none"> Only 46% of JSS lesson observations this month
Pujehun	<ul style="list-style-type: none"> 77% of JSS classes were observed this month 	<ul style="list-style-type: none"> Only 4% of English and Maths teachers used teaching aids in lessons
Tonkolili	<ul style="list-style-type: none"> 83% of JSS lessons observed scored a 3 or 4 on effective LPM use 	<ul style="list-style-type: none"> Only 42% of JSS schools visited for observations this month
Western Rural	<ul style="list-style-type: none"> 74% JSS lessons observed scored a 3 or 4 on effective LPM use 	<ul style="list-style-type: none"> Only 43% schools visited for observations this month
Western Urban	<ul style="list-style-type: none"> Average classroom attendance for JSS Girls was 74% 	<ul style="list-style-type: none"> Only 4% of JSS and SSS English and Maths teachers used teaching aids in lessons

Dashboard related issues

Key issues this month

- This month witnessed a significant increase in the number of classroom observations (especially for JSS).
- This is the fourth 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 is available at <https://reporting.lehwilan.org/> and has been optimized for faster downloads in districts.

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Section 1 – DEO Monthly Meetings

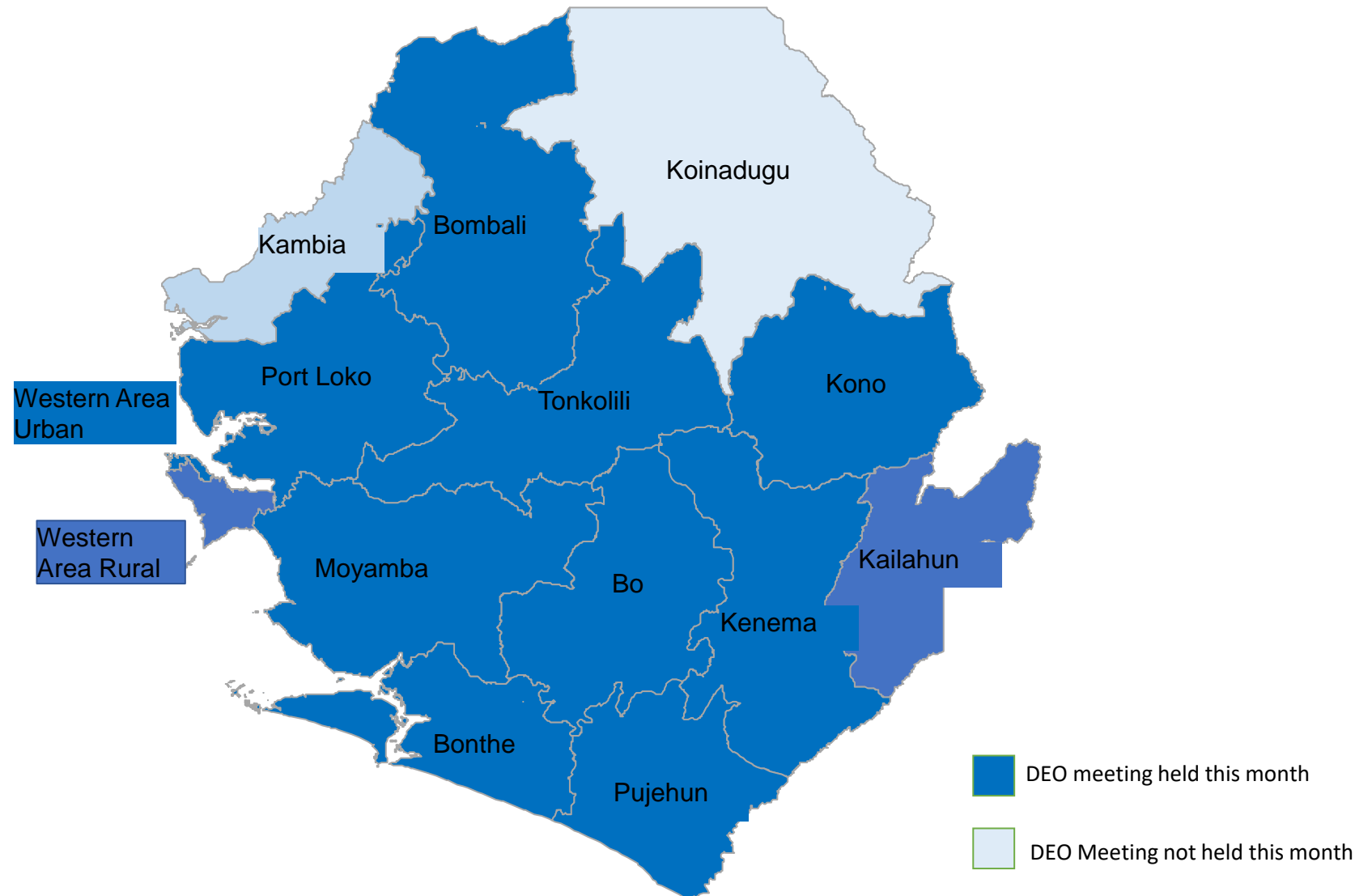


DEO Monthly Meeting

Twelve 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
Districts holding Monthly meetings	13	0	14	11	12
Districts not holding Monthly meetings	1	14	0	3	2



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Section 2 – SSO observations recorded on Tangerine



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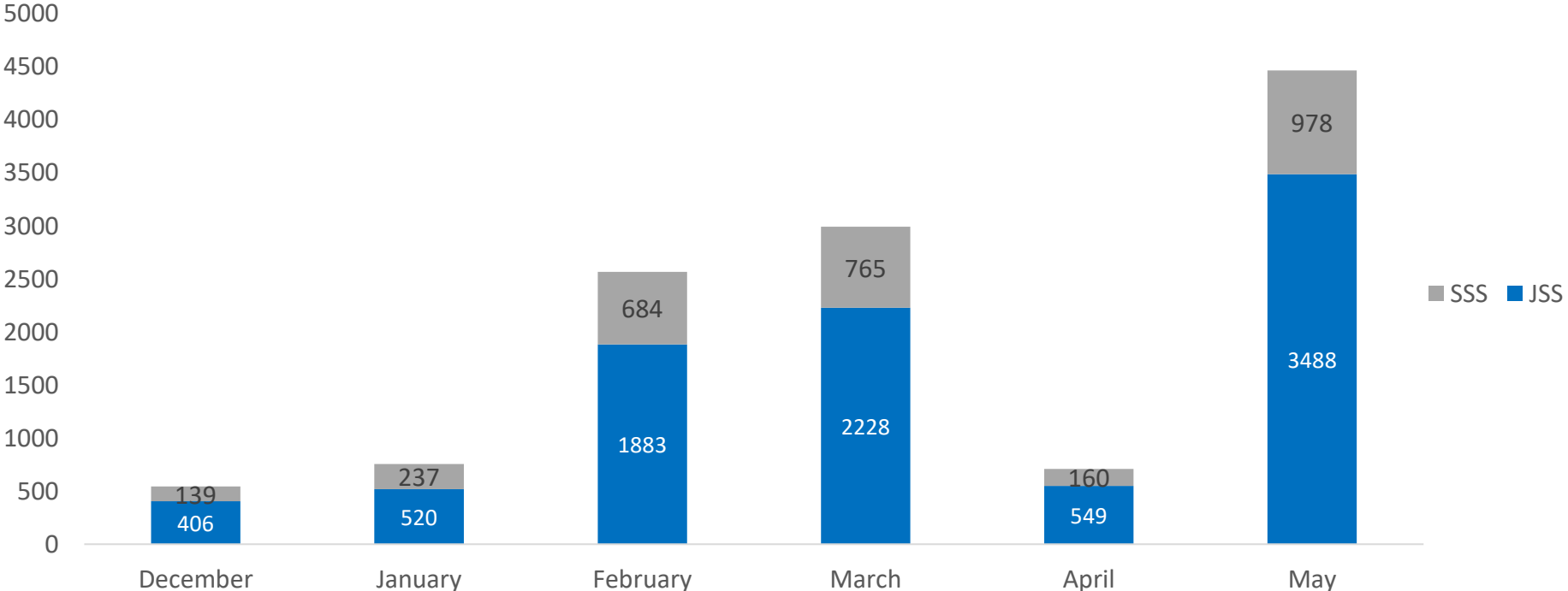
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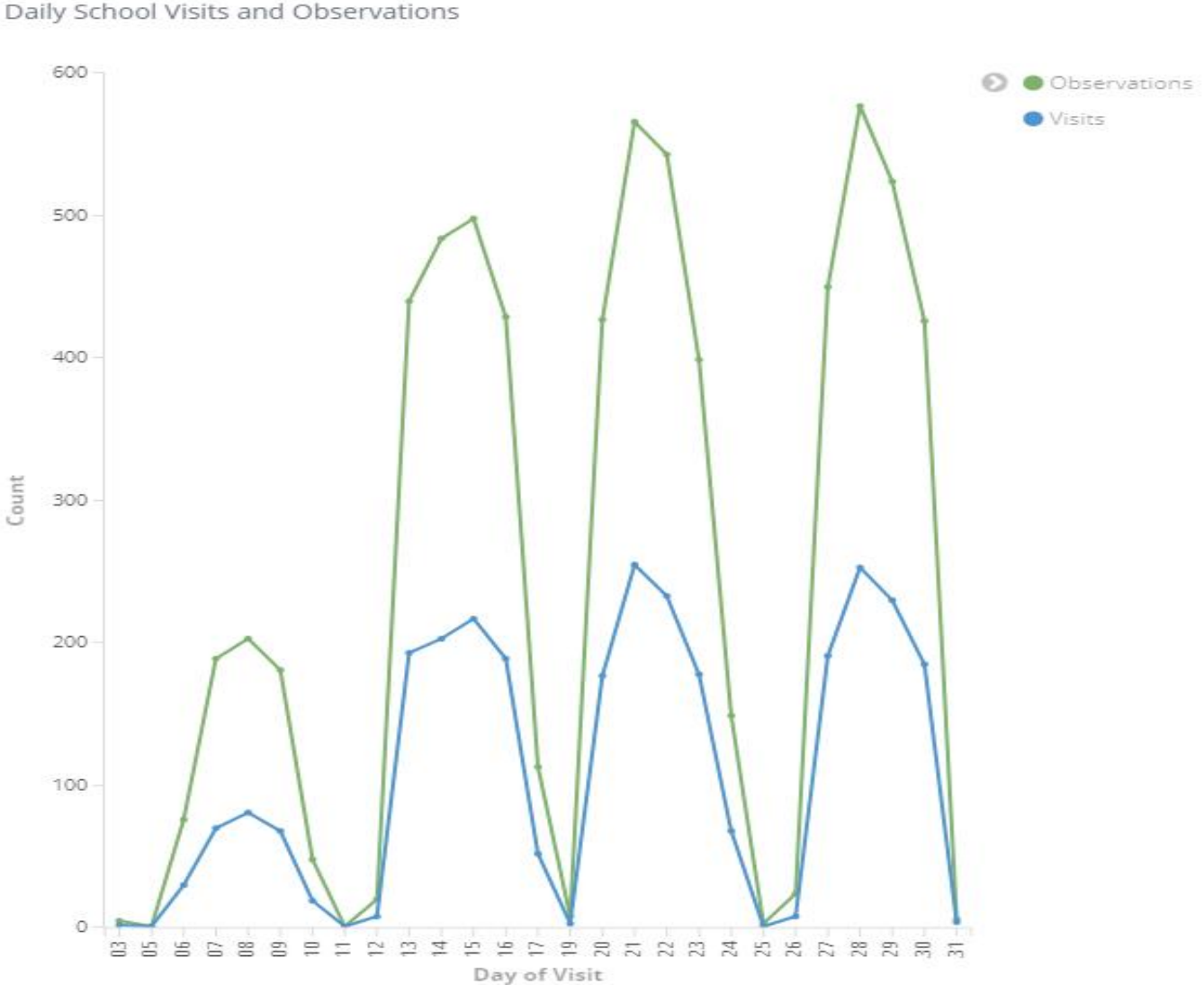
SSO classroom observations recorded on Tangerine, May

The number of observations recorded increased significantly in May, particularly for JSS classes. This month is the highest this year.

Number of lesson observations recorded by SSOs on Tangerine

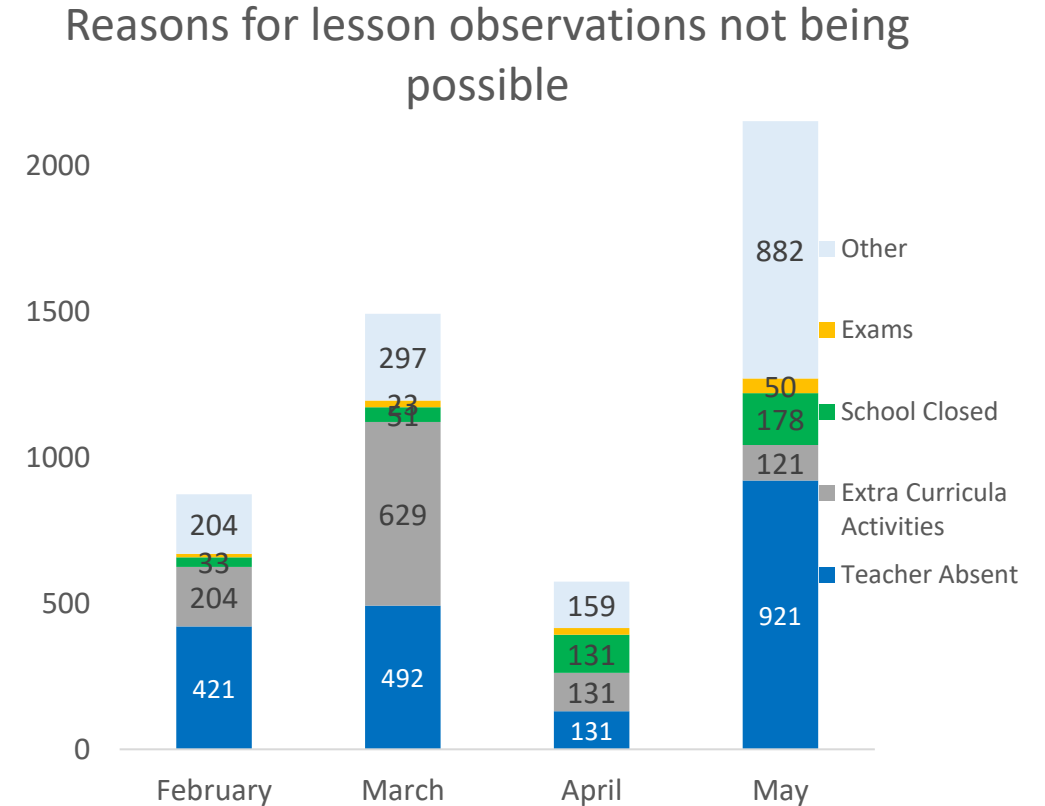
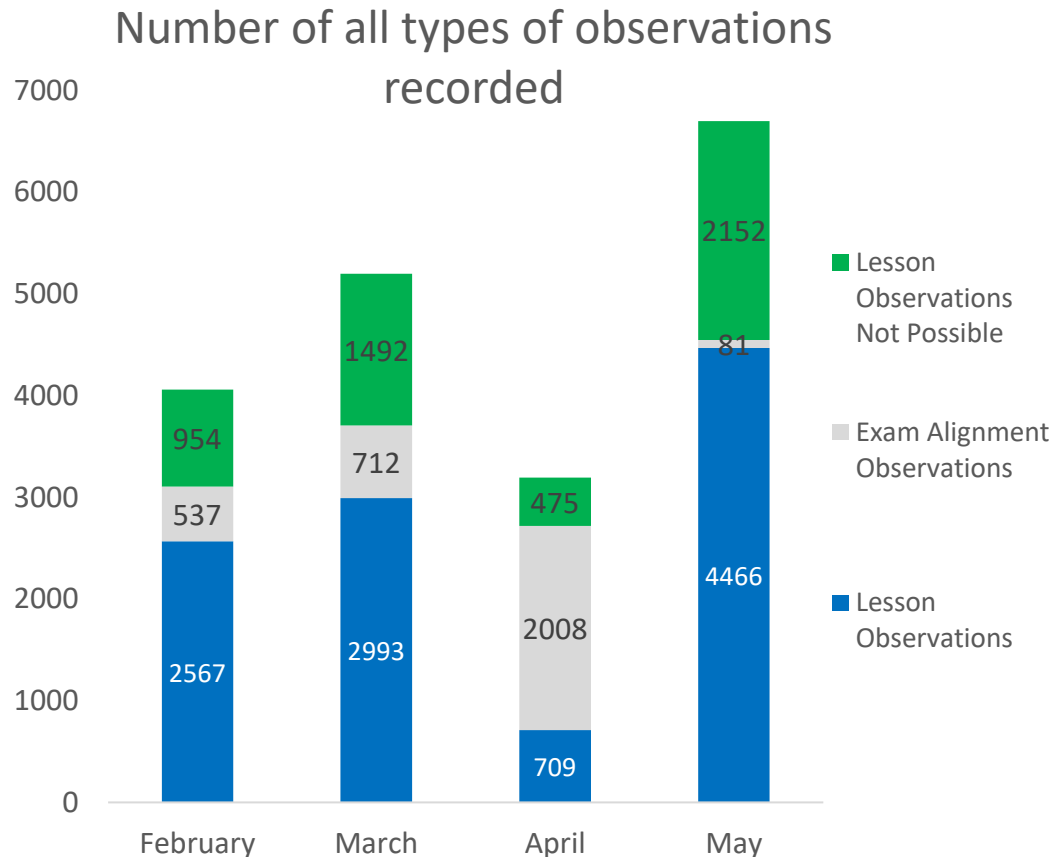


SSO classroom observations recorded on Tangerine, May



All SSO activities recorded on Tangerine, May

The number of recorded activities increased to 6,790 forms submitted, with 4,466 observations this month. “Teacher absent” and “Other” again dominated the reasons why planned observations were not possible.



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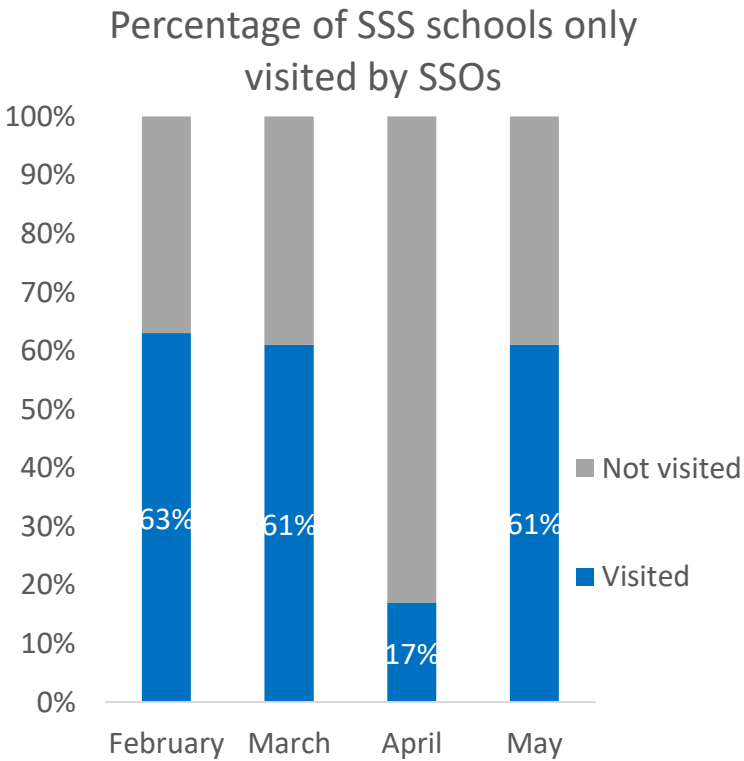
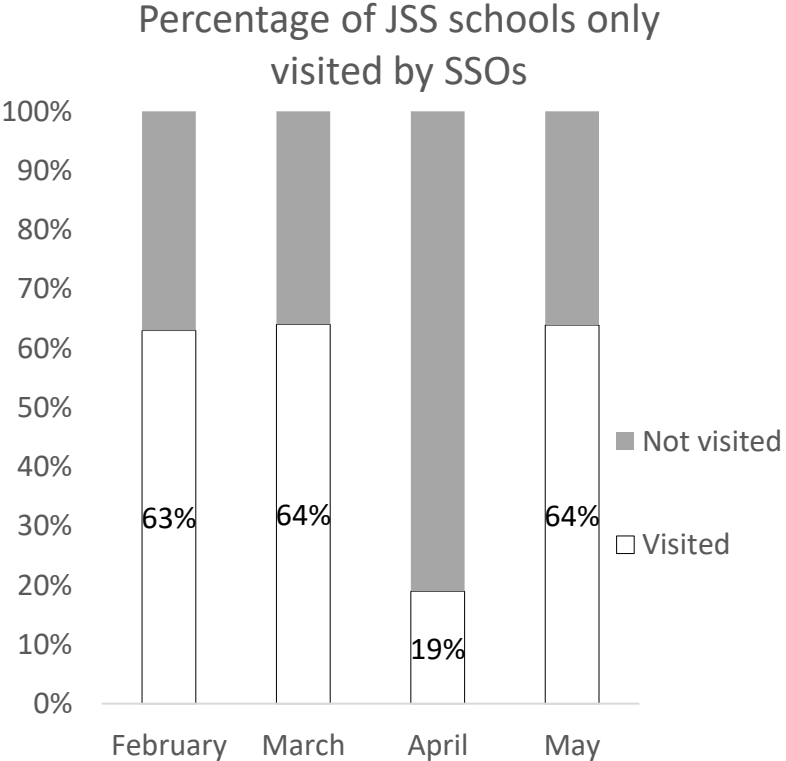
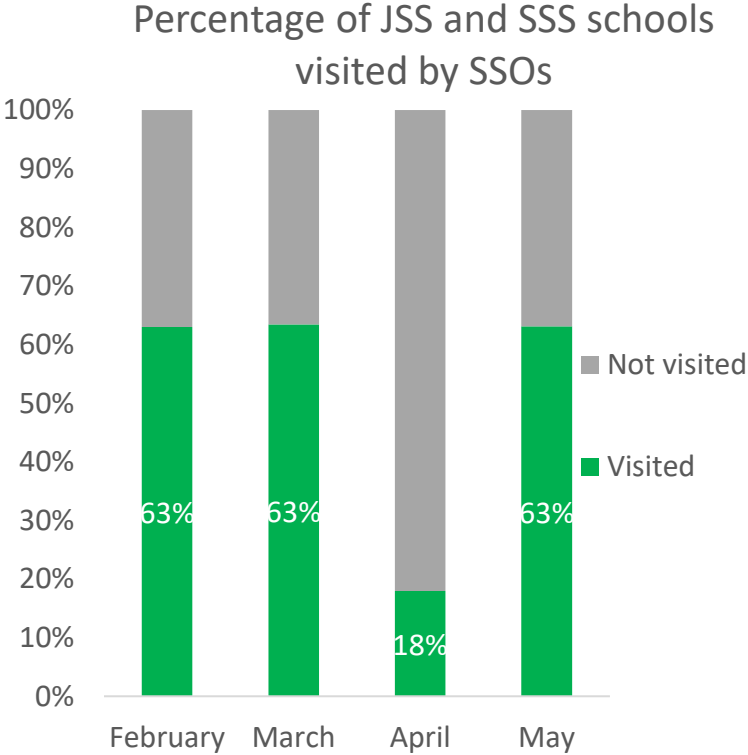
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Section 3 – SSO visits to schools



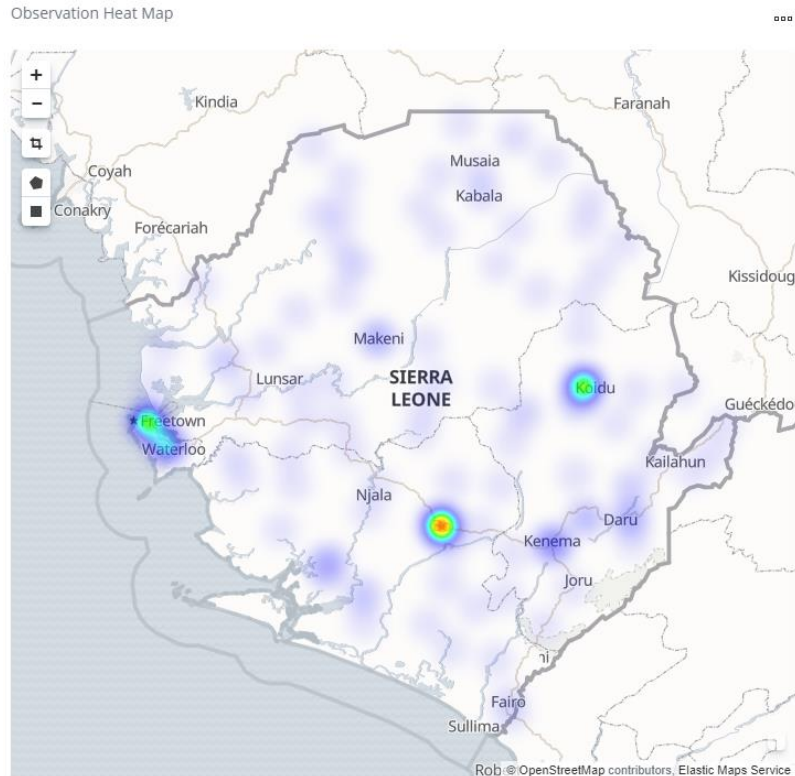
SSO visits to JS and SS Schools for Observations, May

The proportion of schools visited by SSOs increased substantially May and matched the levels of February and March – 64% of JSS and 61% of SSS.

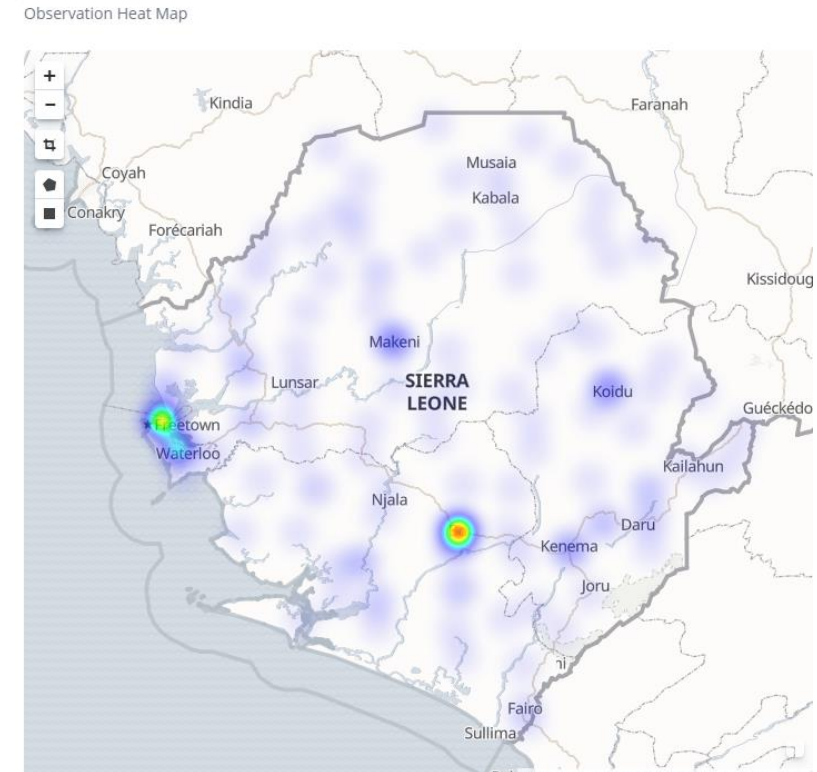


Observation heat map

From the heat map it can be seen that similar areas of the country were well visited in May and April, despite there being a big difference in the overall number of observations



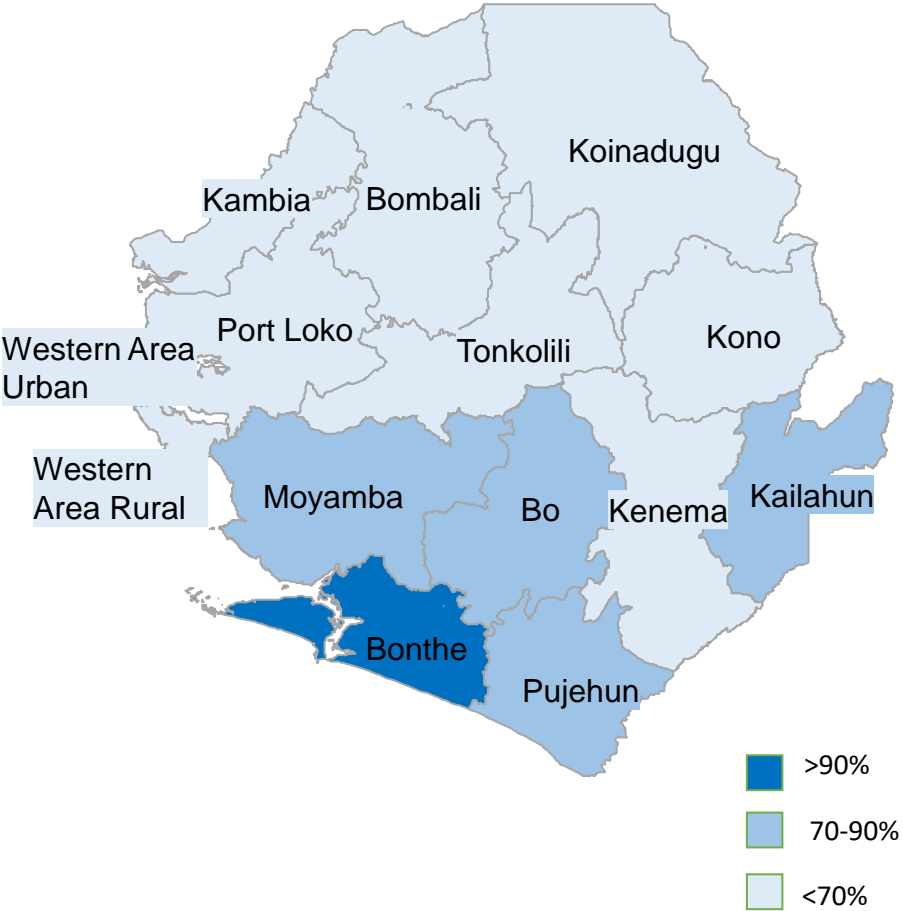
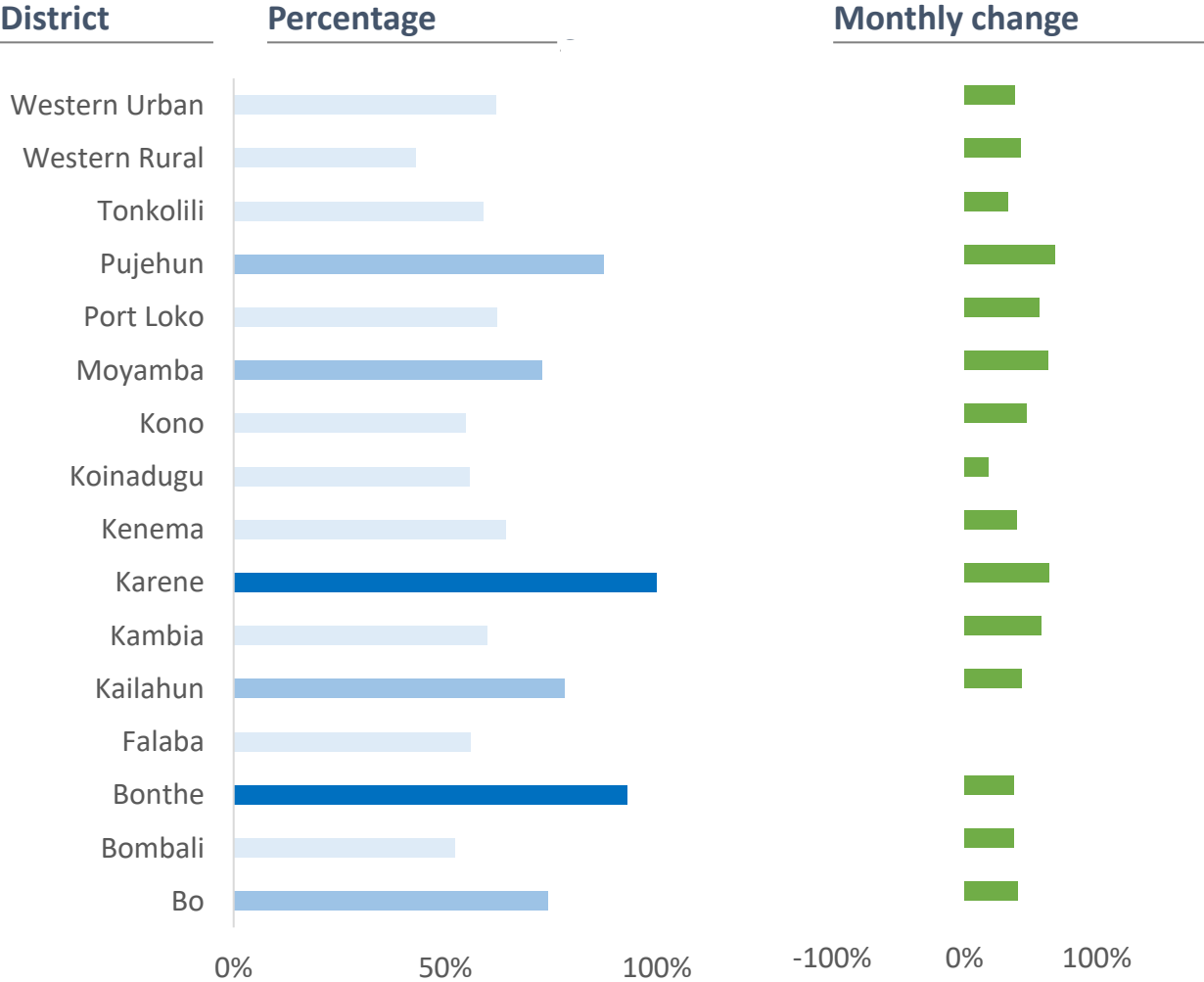
April



May

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

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



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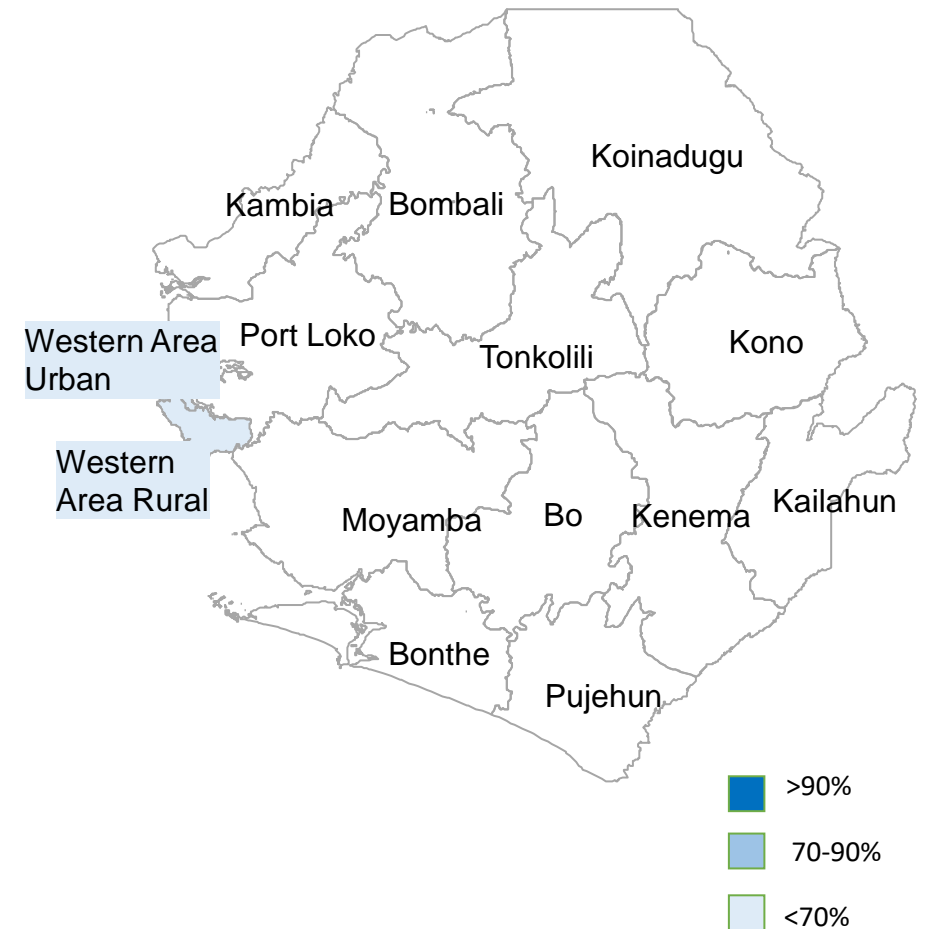
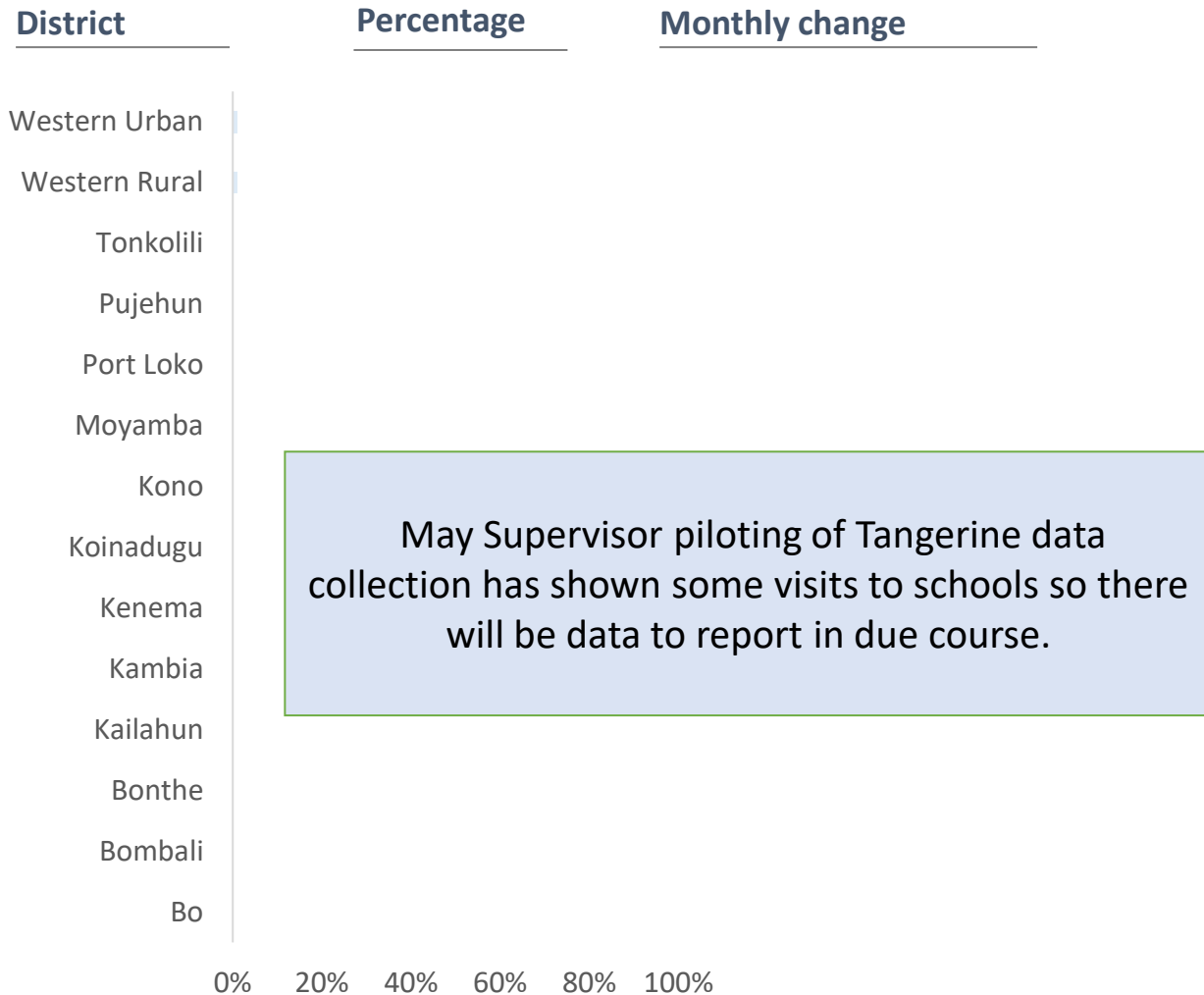
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Section 4 – Supervisor visits to schools



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



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Section 5 – SSO observation of teachers

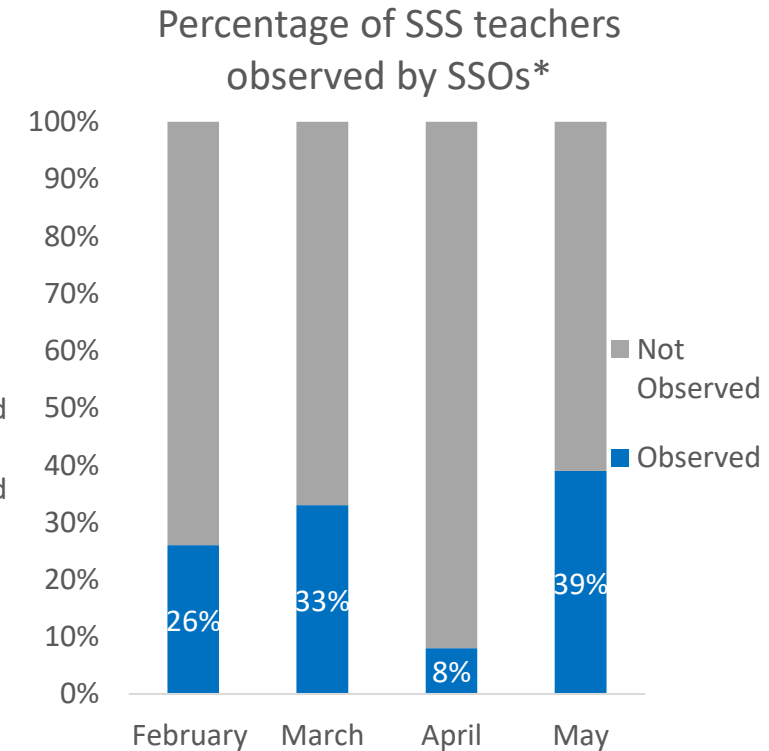
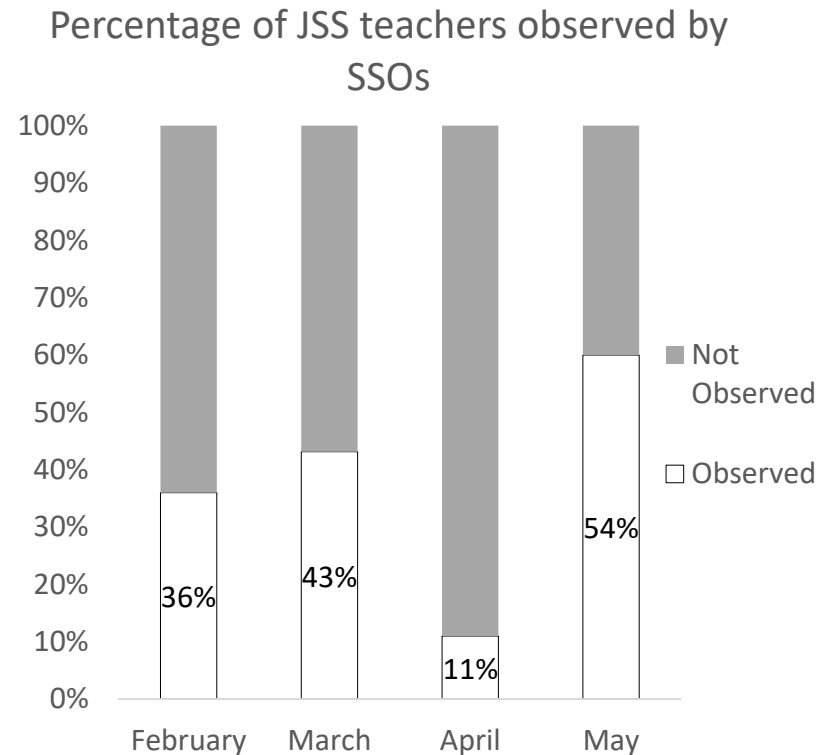
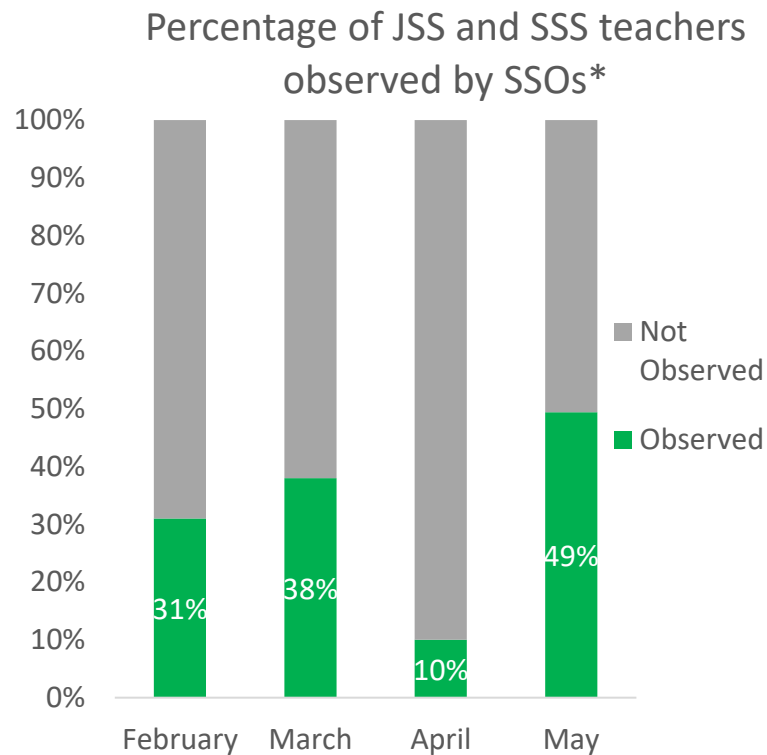


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Proportion of JSS and SSS English and Maths teachers observed by SSOs, for May

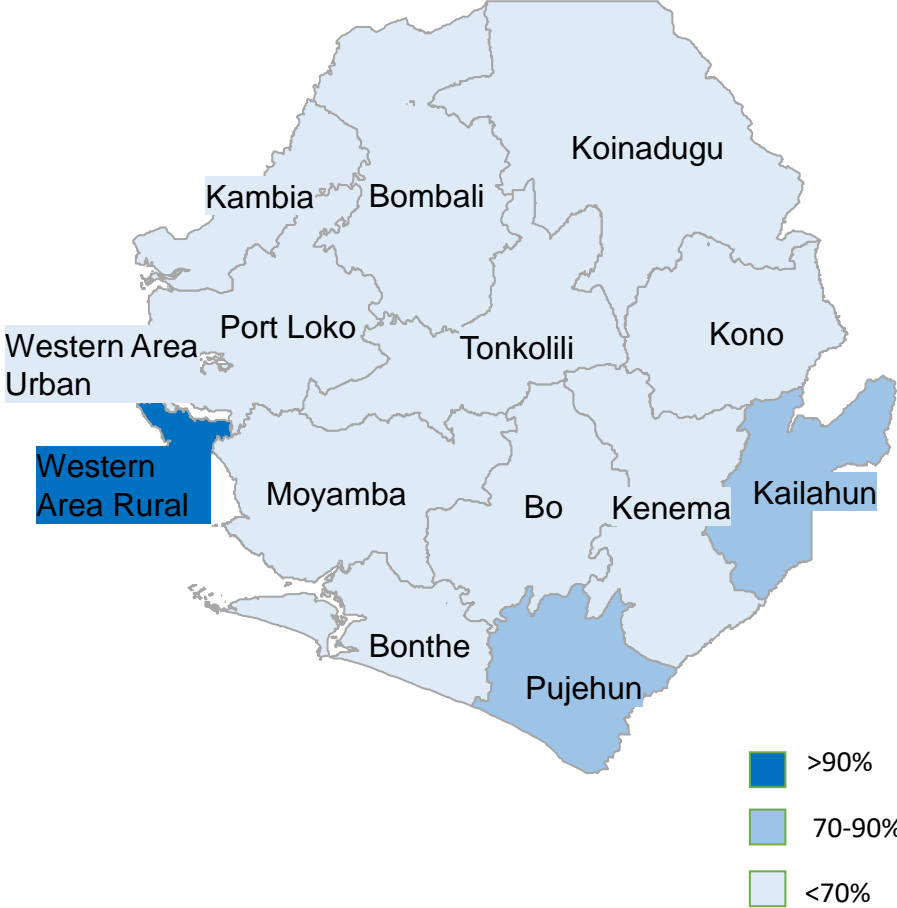
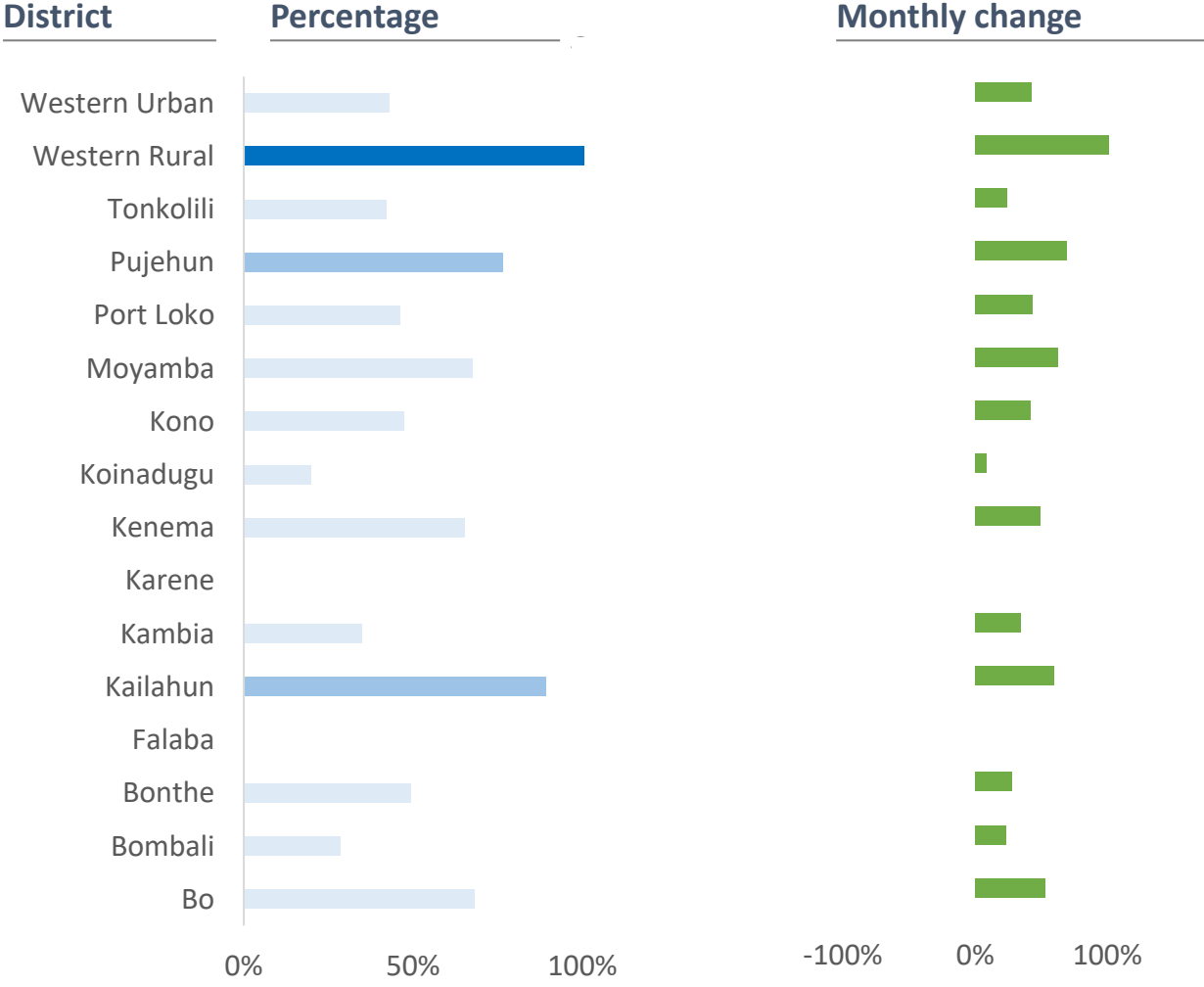
In the month of May the proportion of JSS and SSS Maths and English teachers observed substantially increased from 10% to 49% given the low level of activity recorded in April. 54% of JSS teachers and 39% of SSS teachers were observed.



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

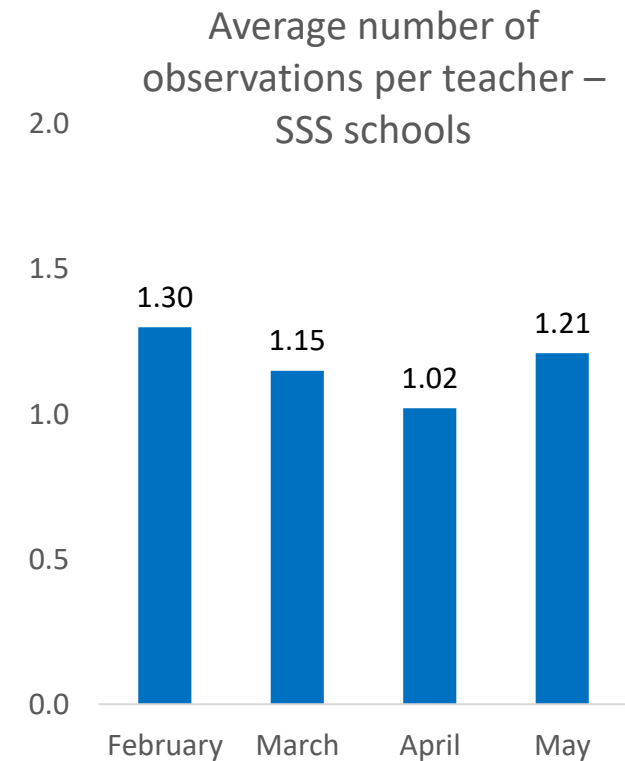
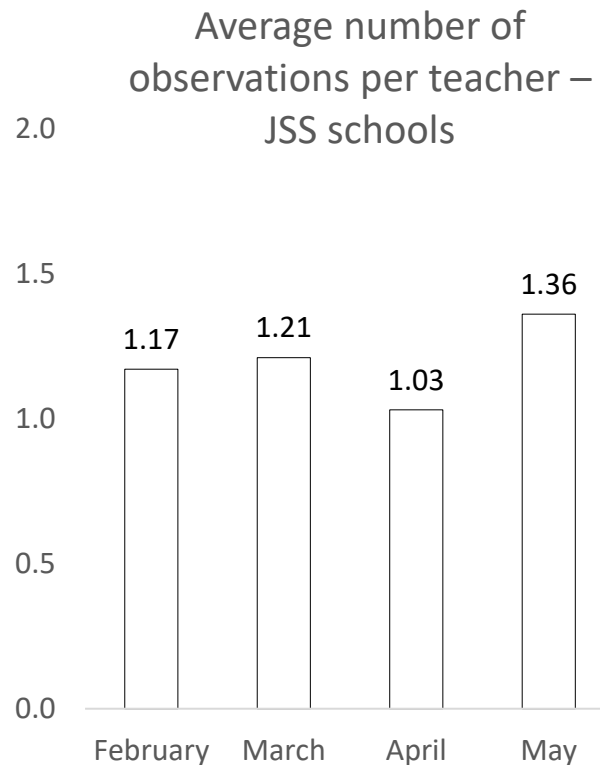
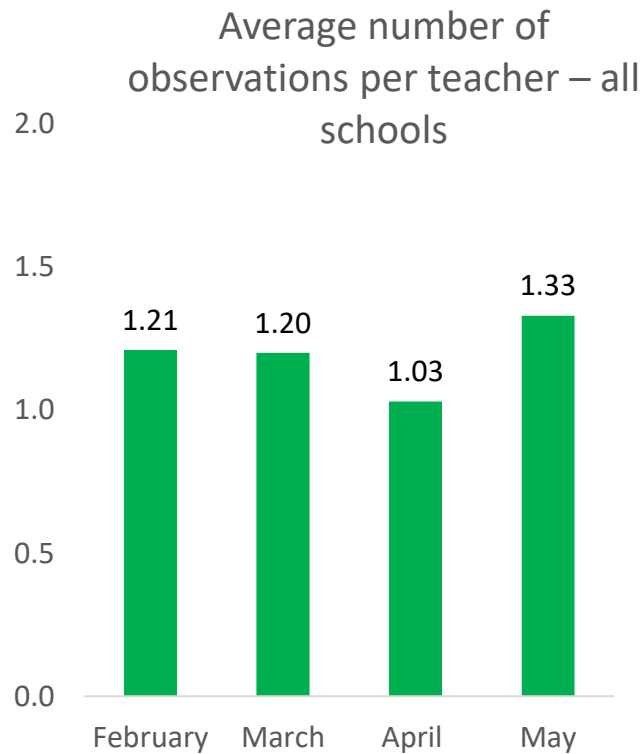
Percentage of JSS English and Maths teachers observed, by district in May

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



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

The average number of observations per teacher increased considerably from 1.03 to 1.33 for all schools. JSS moved to 1.36 and SSS to 1.21



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Section 5 – Lesson plan use



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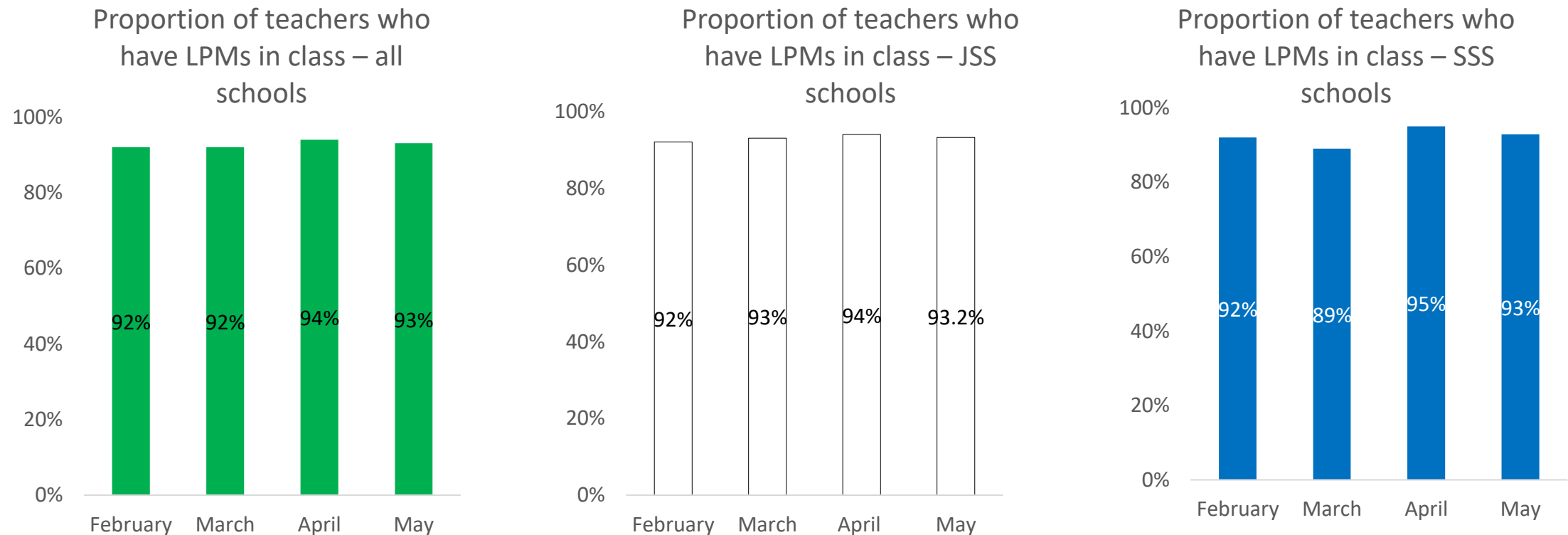


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Proportion of teachers that have LPMs in the class during observation, for May

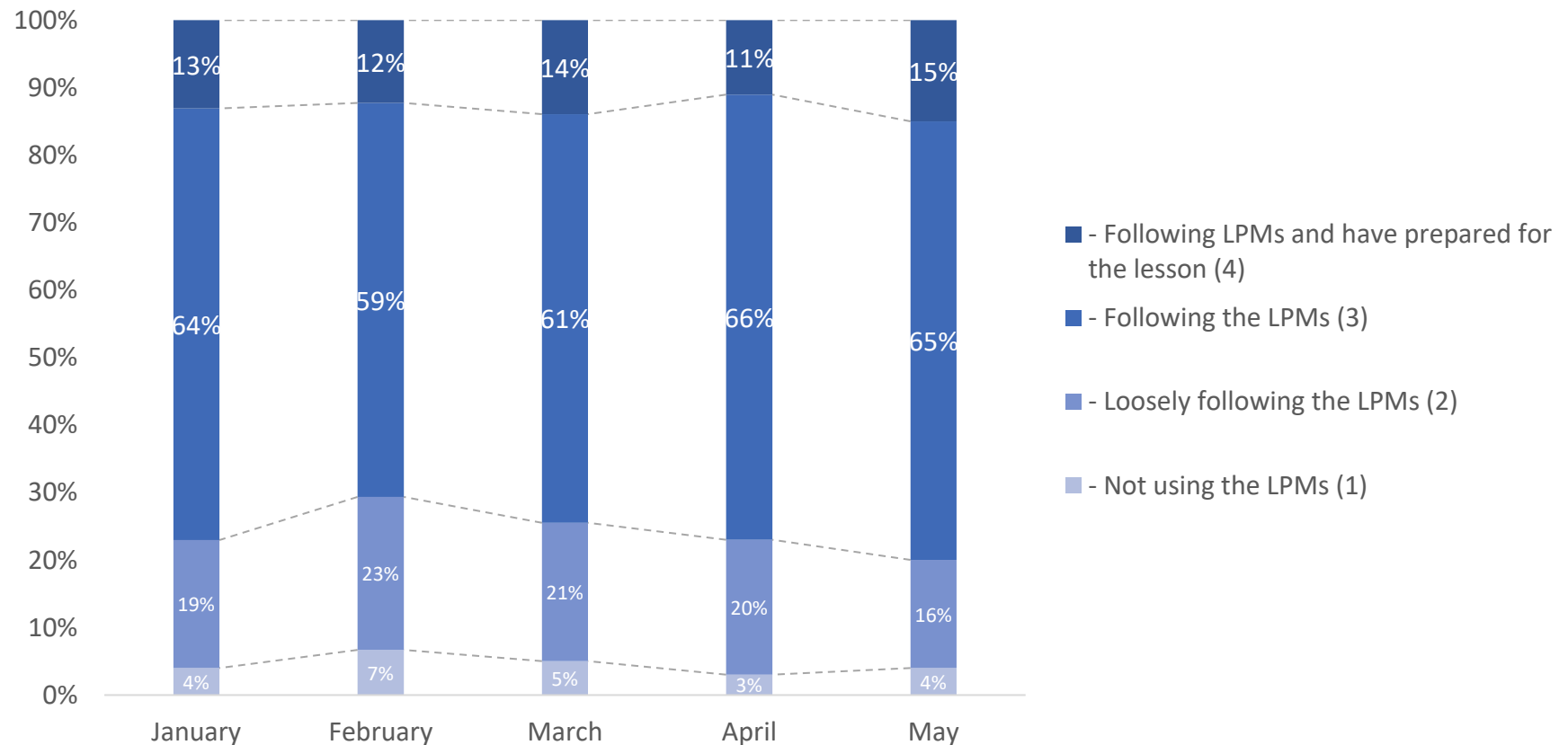
The use of LPMs in class remains high in schools. The proportion of LPM use slipped to 93% in the month of May. Proportion of teachers observed with LPM present has stayed at over 90% on a regular basis.



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

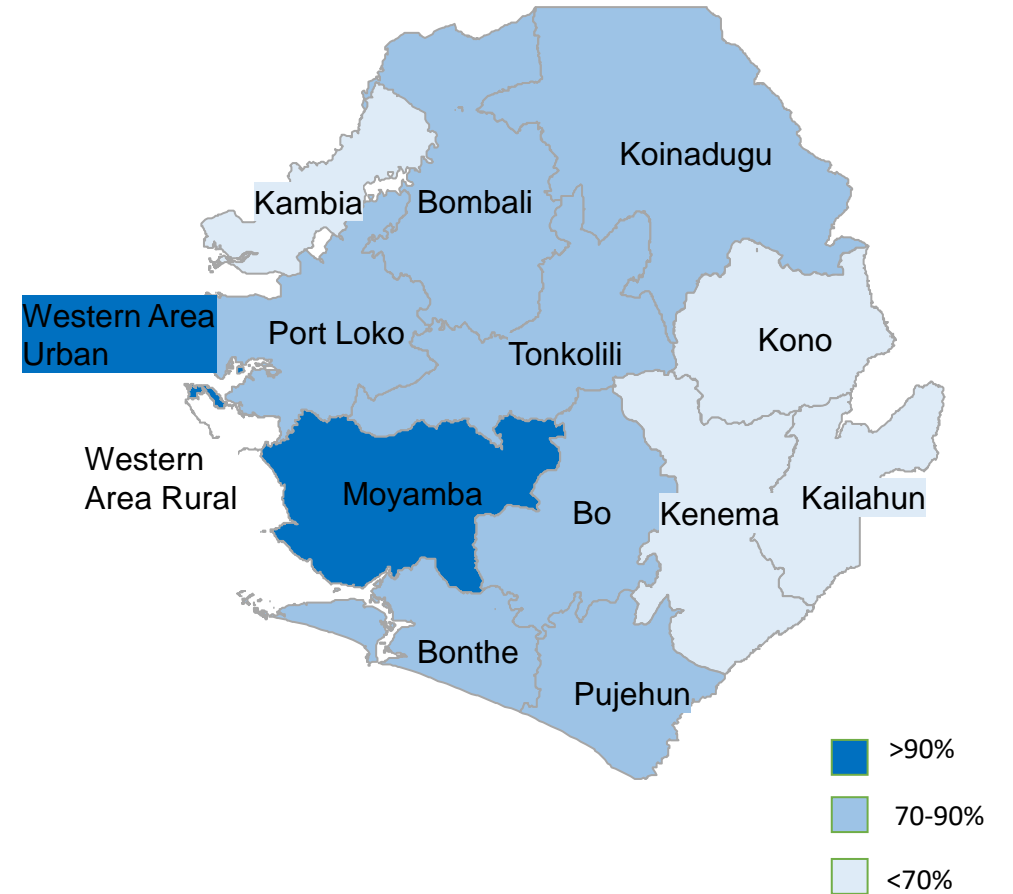
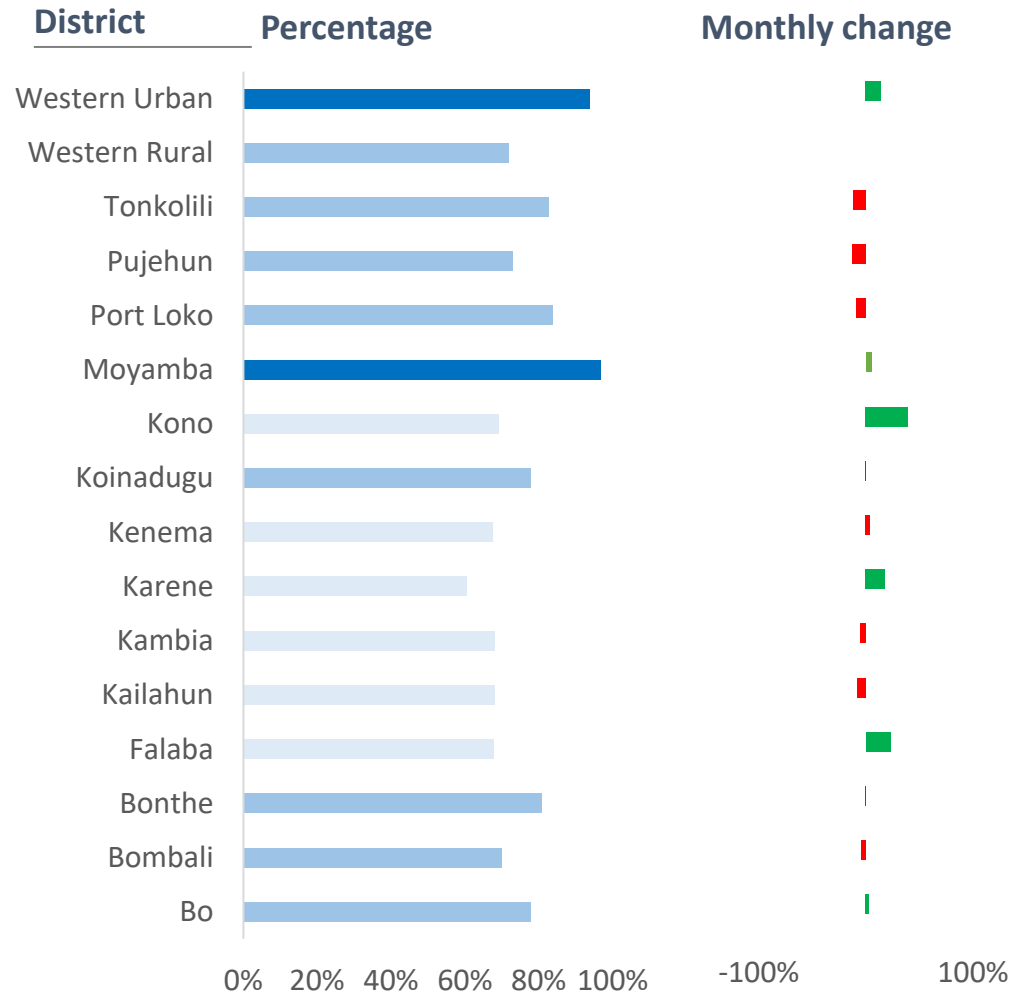
The quality of lesson plan use has fluctuated in recent months. In May, 65% of teachers observed were following the lesson plan (level 3) while another 15% were following the lesson plan having prepared adequately in advance (level 4). Overall this means 80% are following lesson plans well.

Lesson Plan Use based on SSO Observation Scores



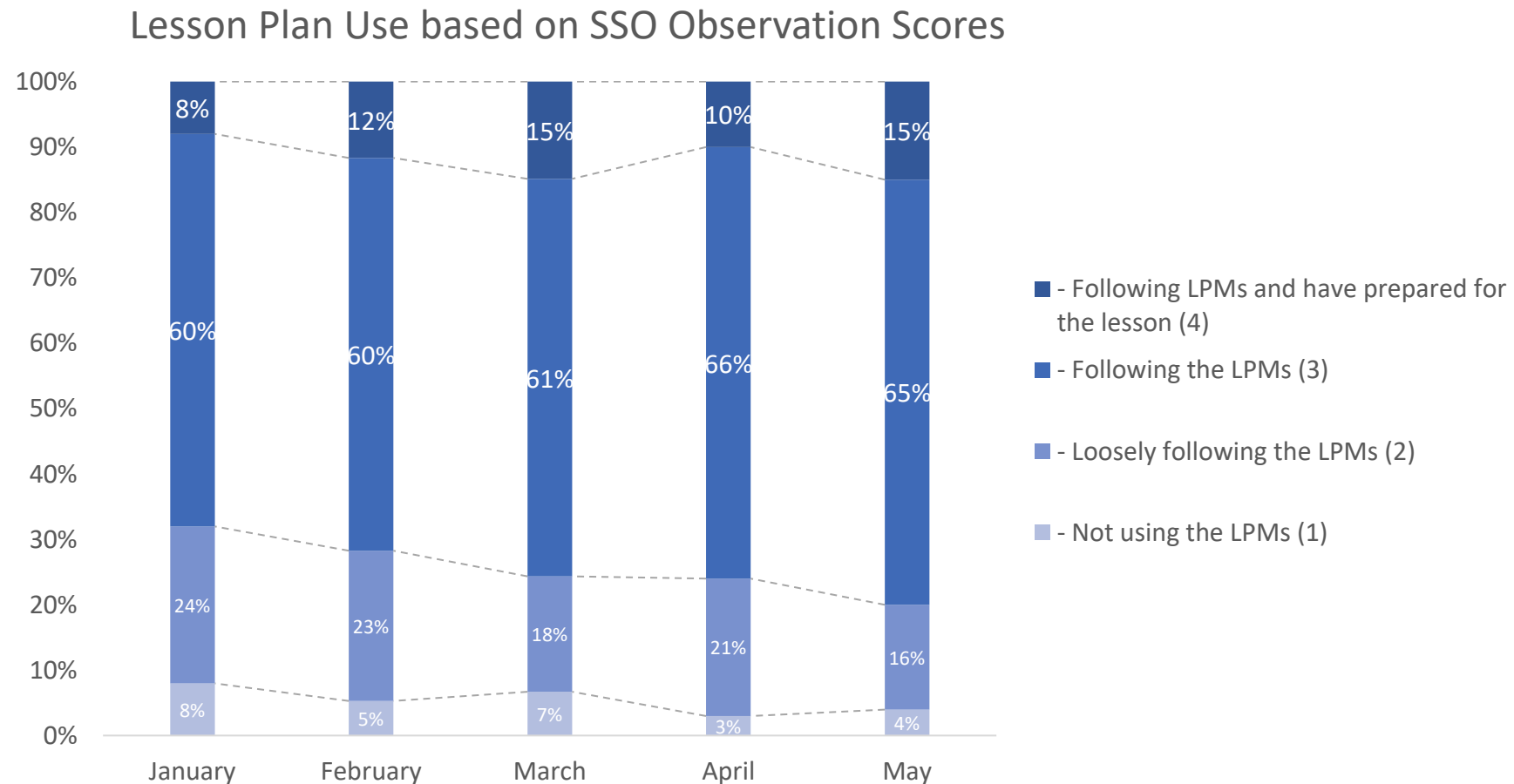
Percentage of lessons scoring 3 or 4 for LPM use, by District, for May, JSS

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



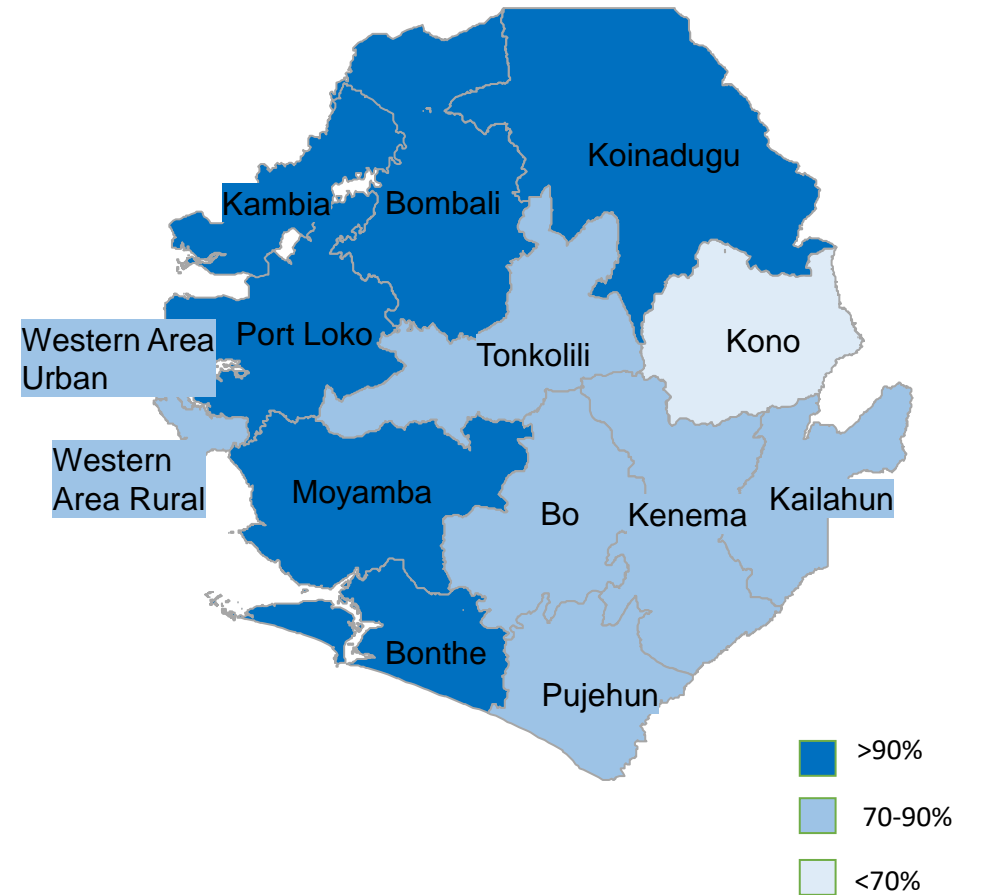
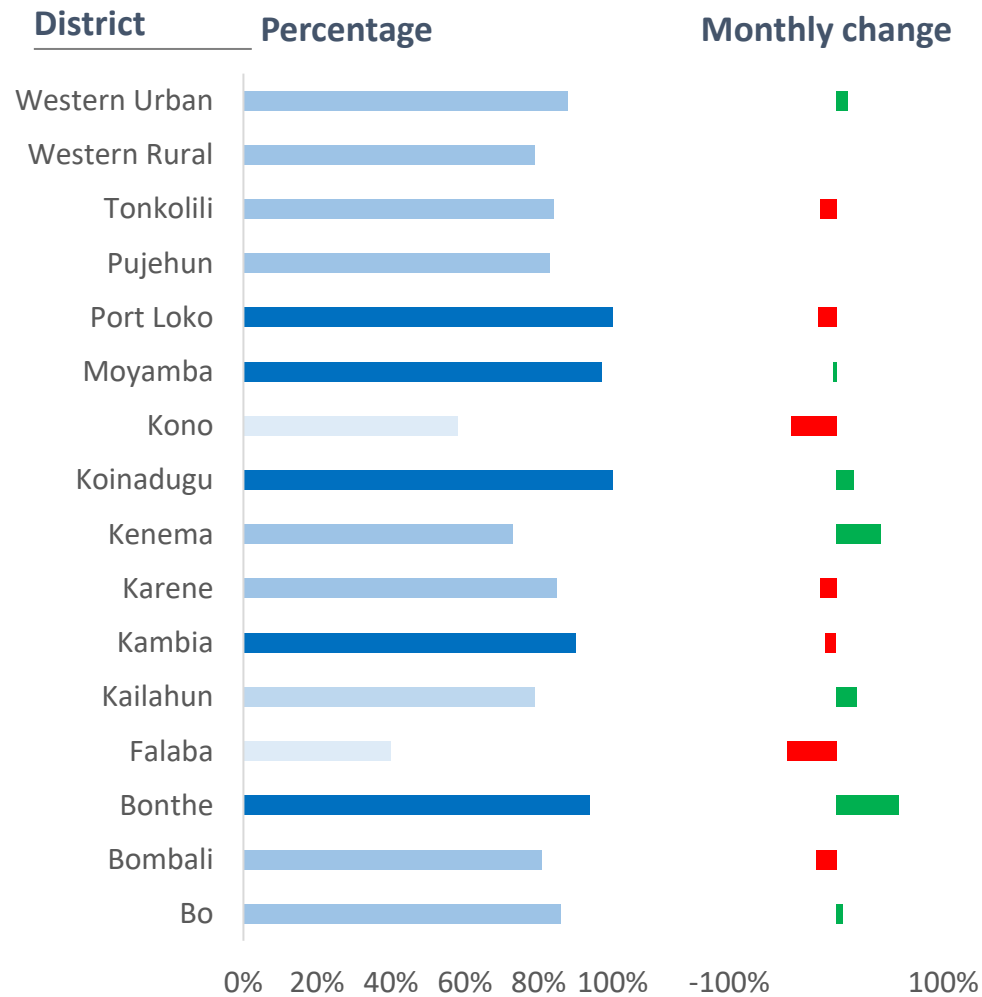
Observation scoring of lesson plan use by SSS English and Math teachers, for May

Proportion of teachers scoring 3 dropped by 1 percentage point to 65% in May. The distribution shifted in a positive direction at level 4 with 15% of teachers, compared with 10% in April.



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

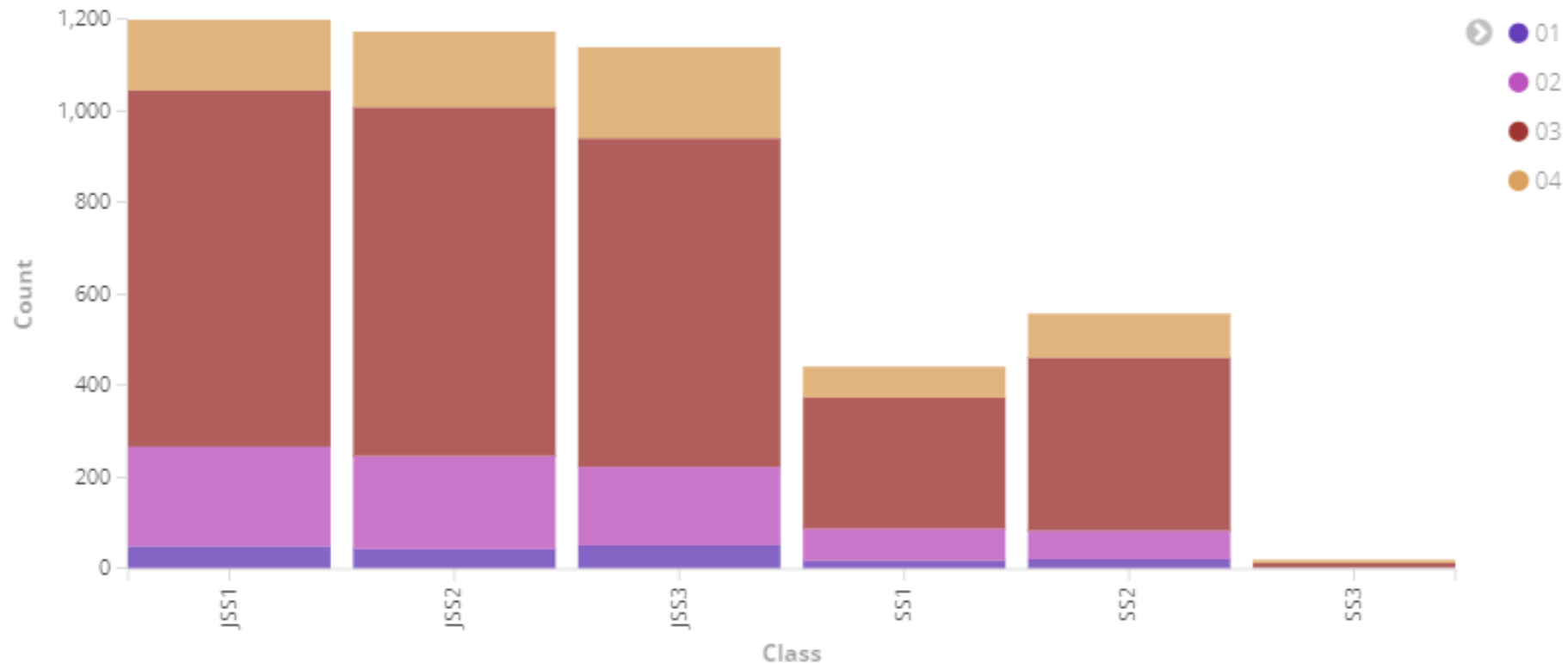
% of lesson observations scoring 3 or 4 for lesson plan use (top two ratings), by district



Lesson plan manual usage by grade

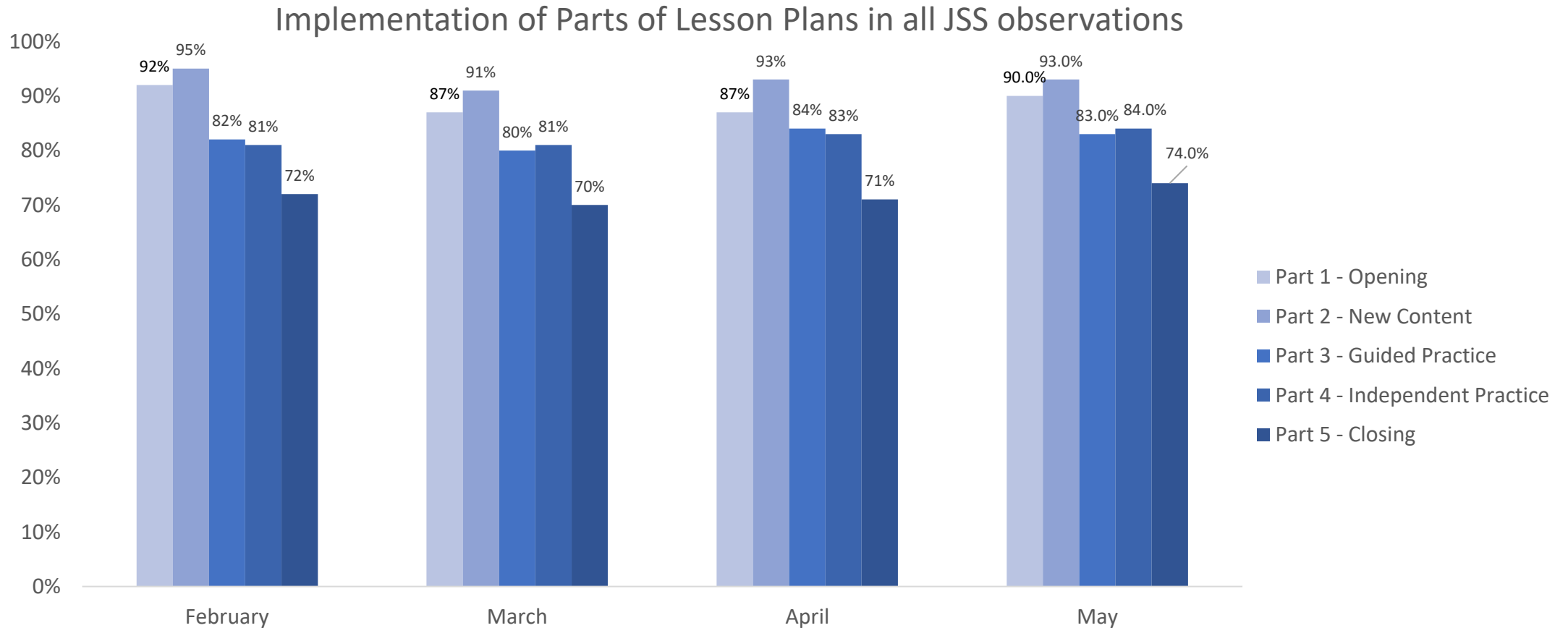
In May, lesson plan usage had slight differences but the proportions scoring 3 or 4 for lesson plan usage were similar across all grades. There were almost no observations of SSS3 this month.

Follow Lesson Plan Manual - By Class



Extent of confident use of each of the 5 parts of the lesson plan in JSS schools

Use of the different parts of the lesson plan seems generally static, with much room for improvement in parts 3-5



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Section 6 – Materials in classroom



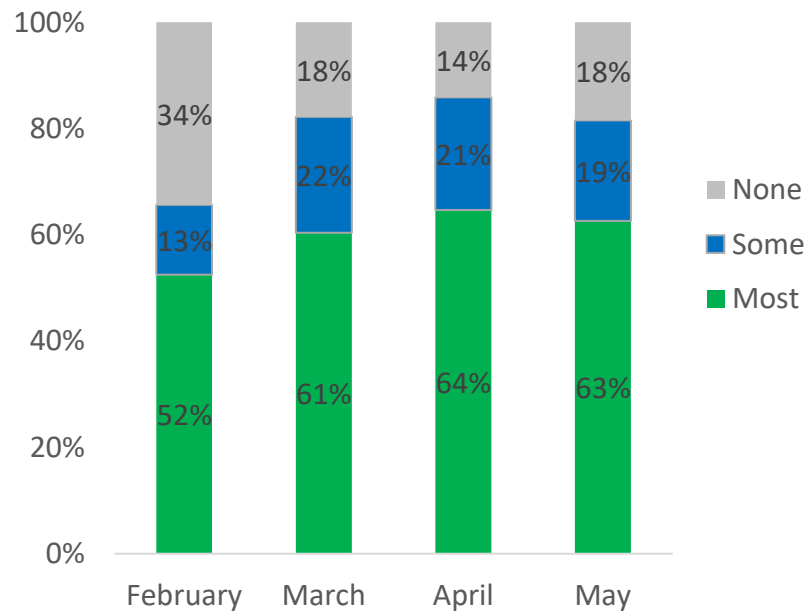
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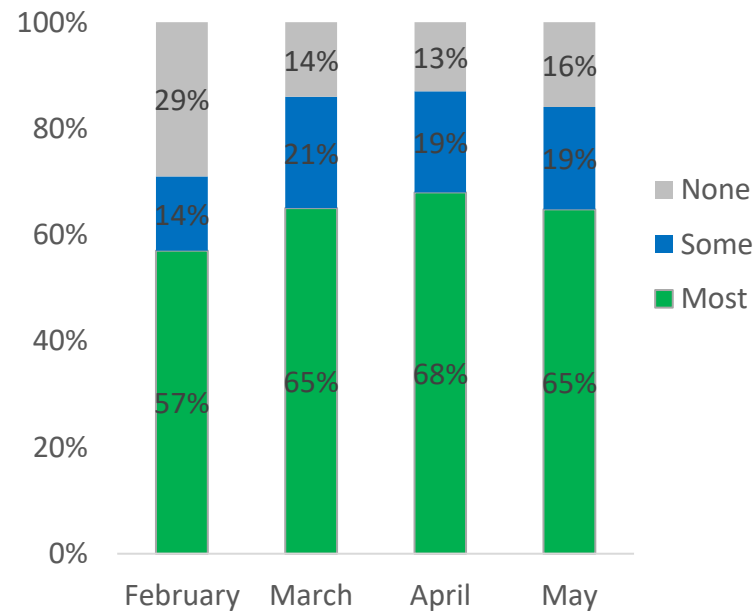
Proportion of pupils who have Pupil Handbooks in observed lessons, May

The proportion of Pupil Handbook presence in class dropped fractionally to 63% of observations noting most pupils had them in the class. There is still a noticeable difference for JSS and SSS classes, with JSS classes recording a drop to 65% and SSS an increase by 2% to 55%.

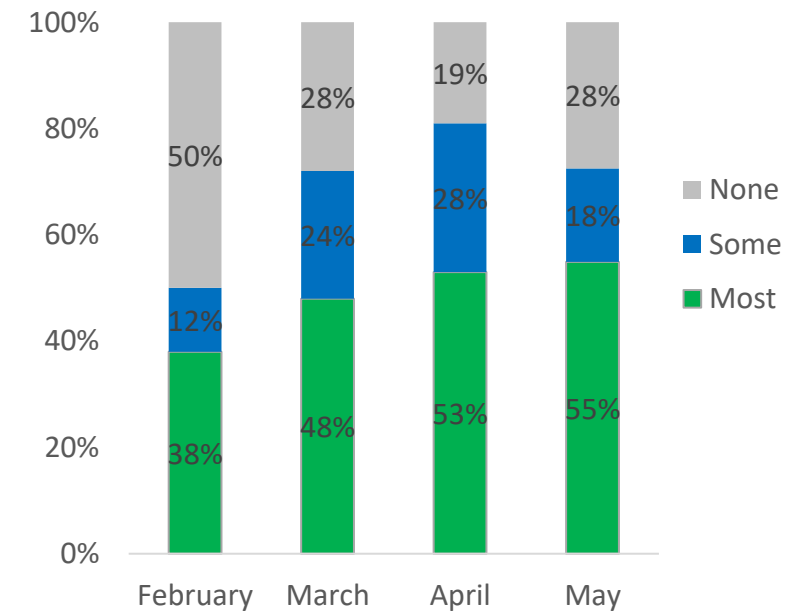
Proportion of Pupils who have Pupil Handbooks in Class, all schools



Proportion of Pupils who have Pupil Handbooks in Class, JSS

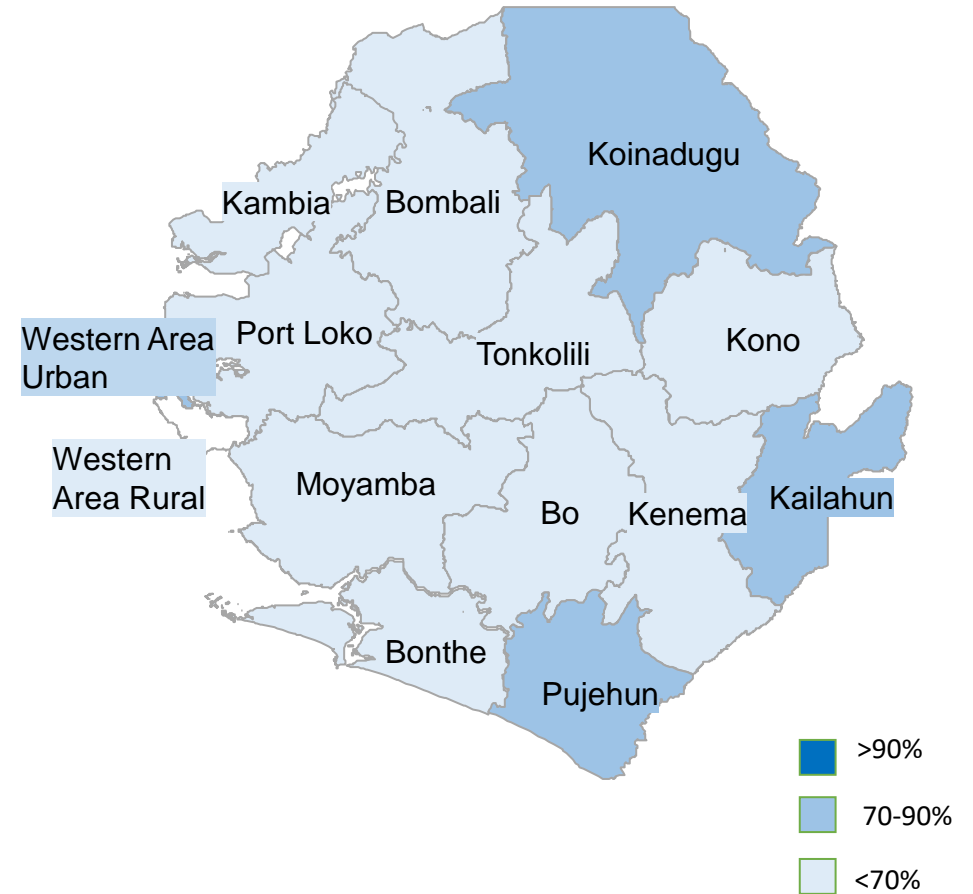
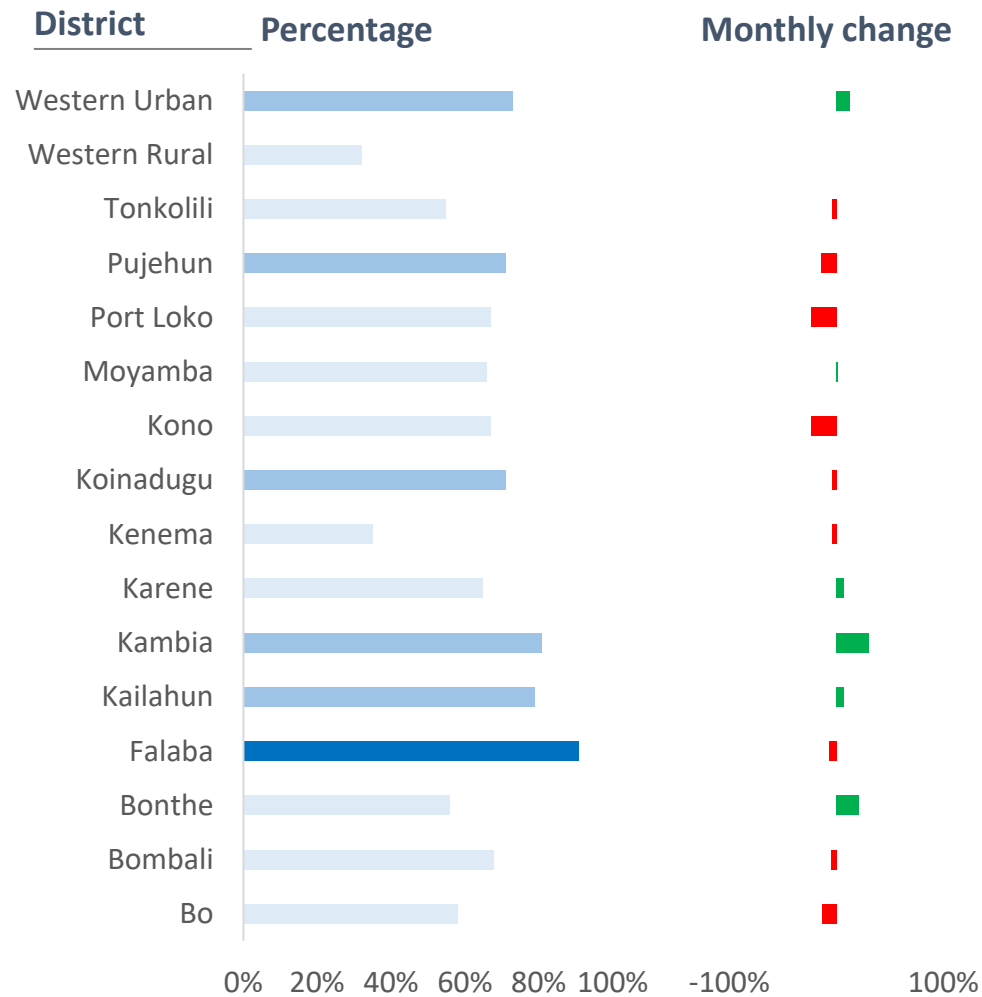


Proportion of Pupils who have Pupil Handbooks in Class, SSS



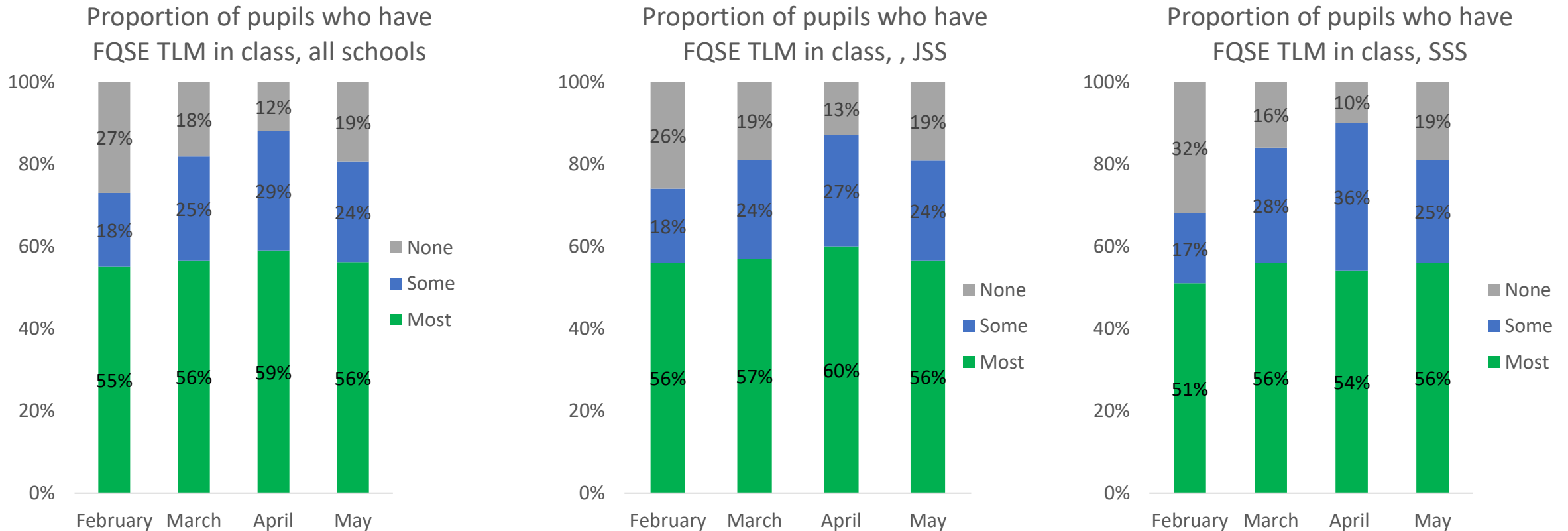
Proportion of Classrooms where 'most' pupils have pupil handbooks in class, for May

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



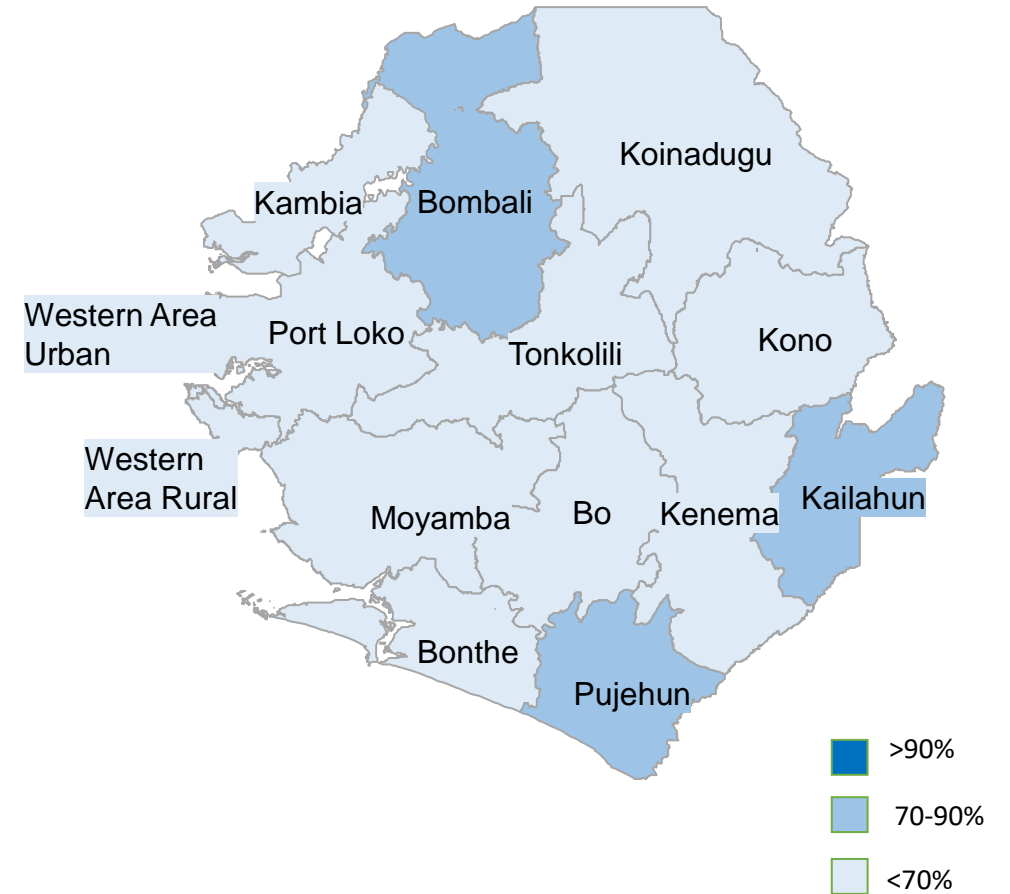
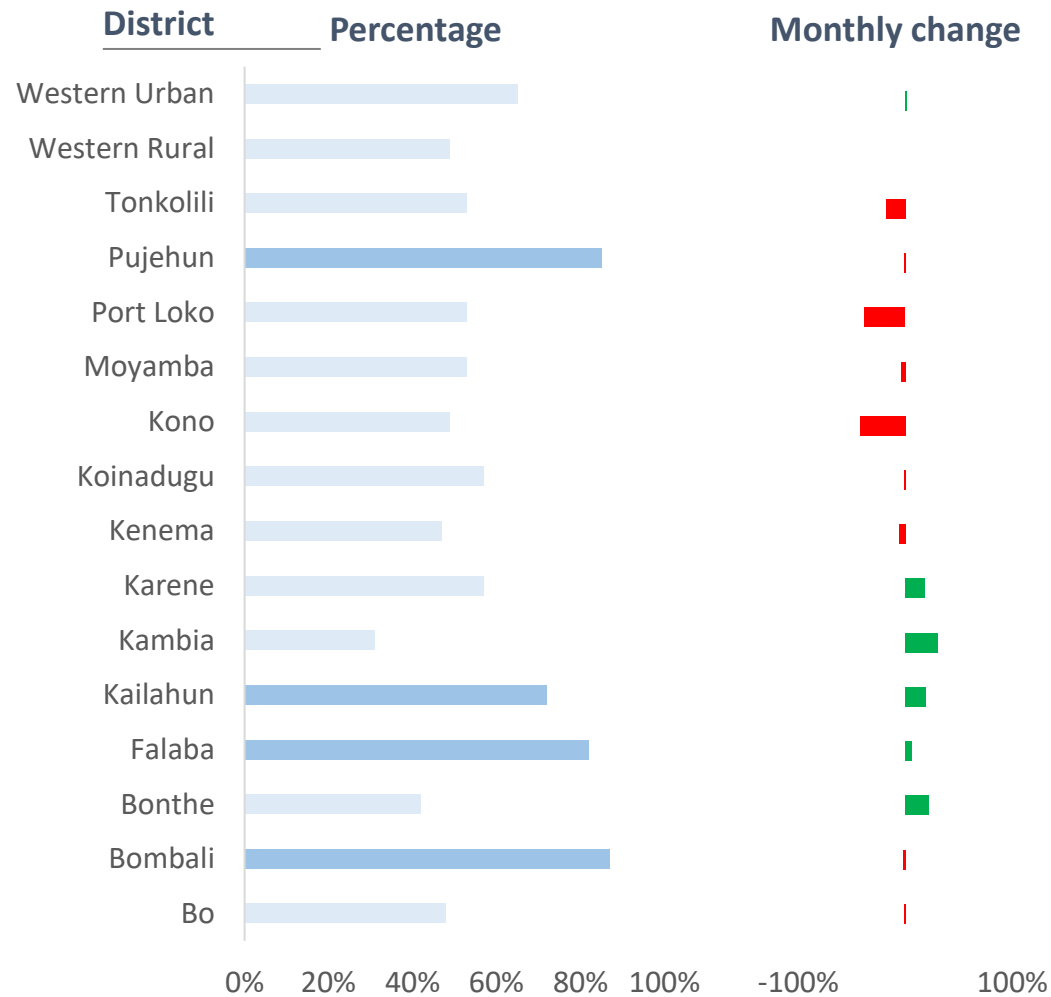
Proportion of pupils who have FQSE teaching and learning materials in class, for May

The proportion of classrooms with most pupils having FQSE teaching and learning materials in JSS and SSS classes remained unchanged at 56%. Both JSS and SSS classrooms observed 19% of pupils without these materials.



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

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



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Section 7 – Pupil Attendance

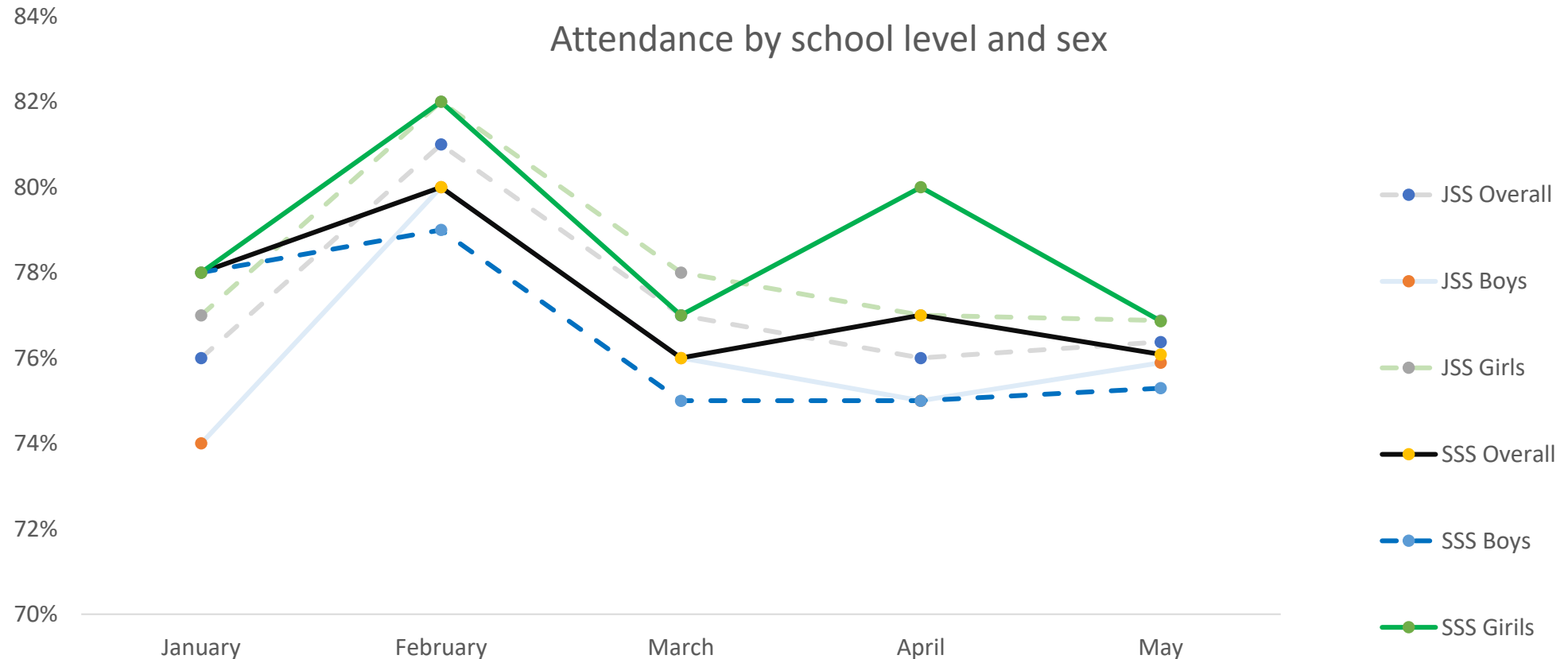


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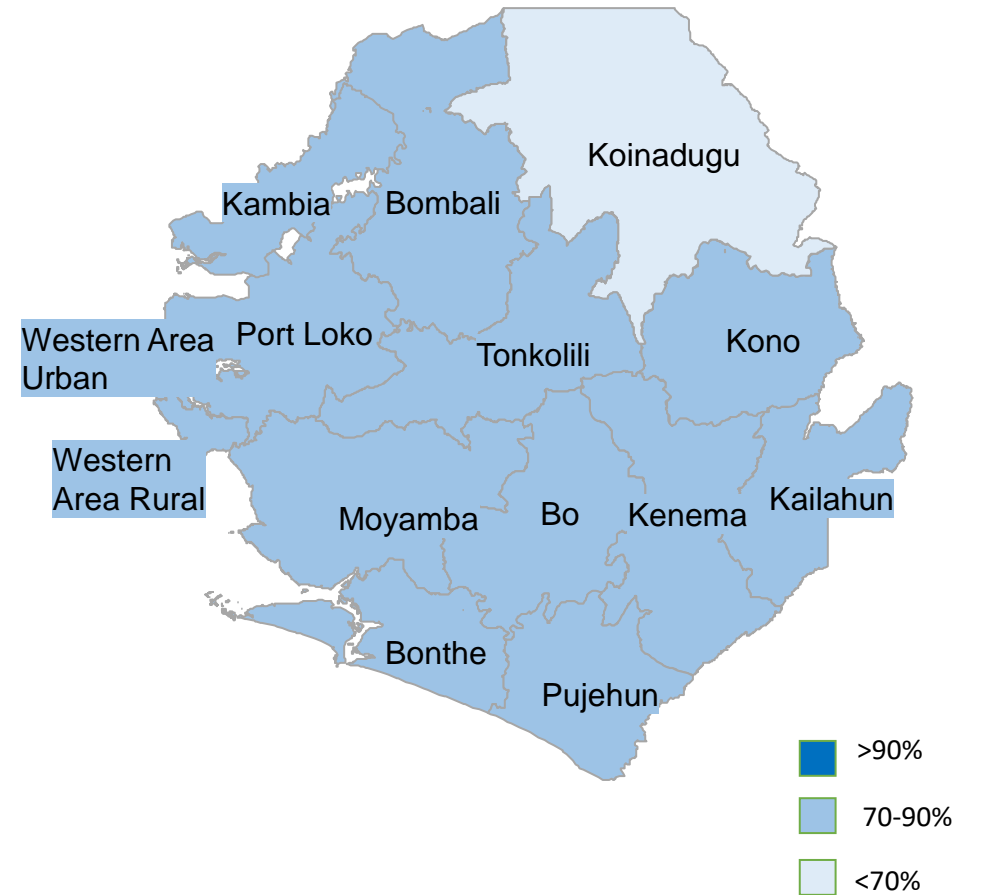
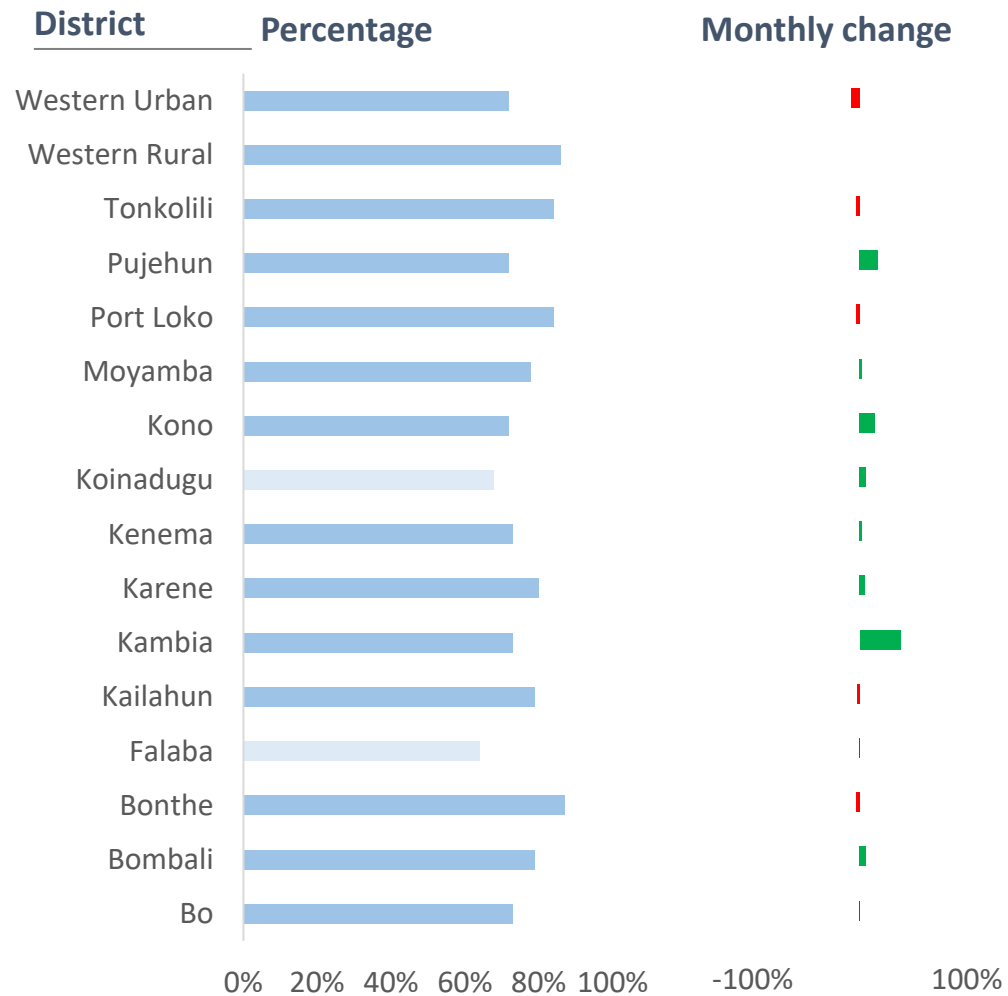
Average combined JSS and SSS classroom attendance, disaggregated by sex for May

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



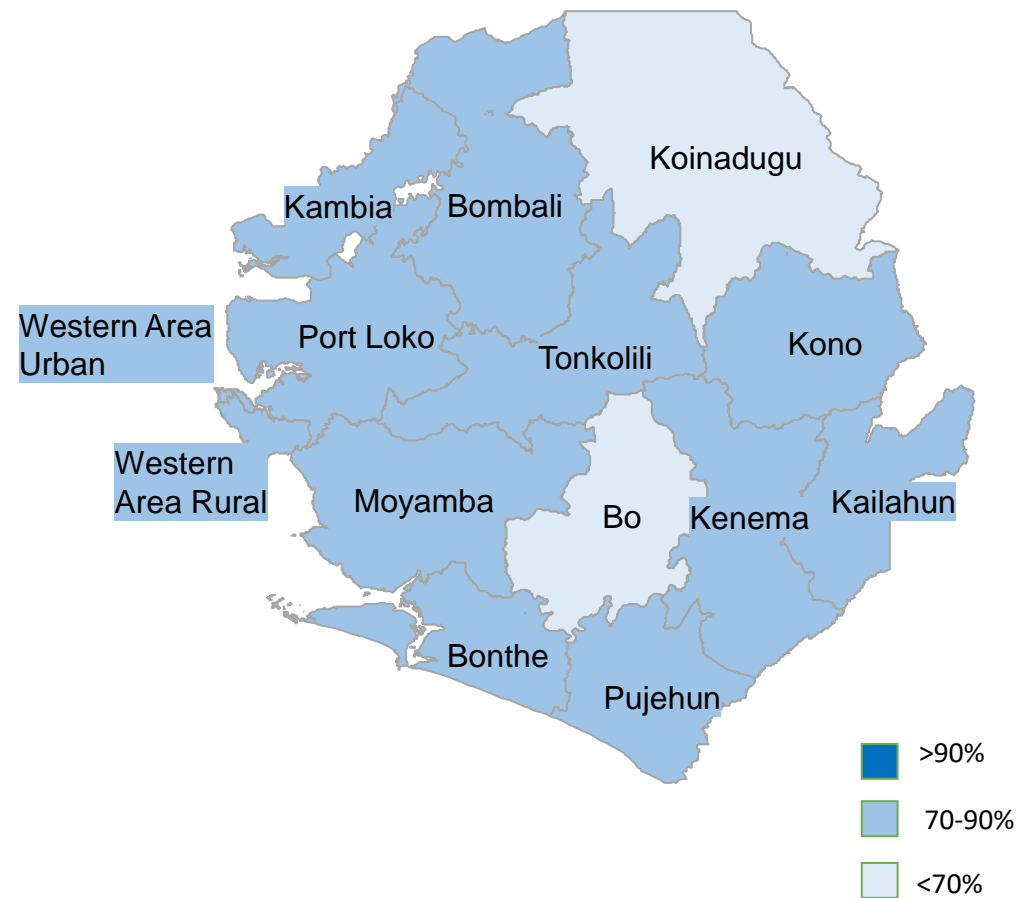
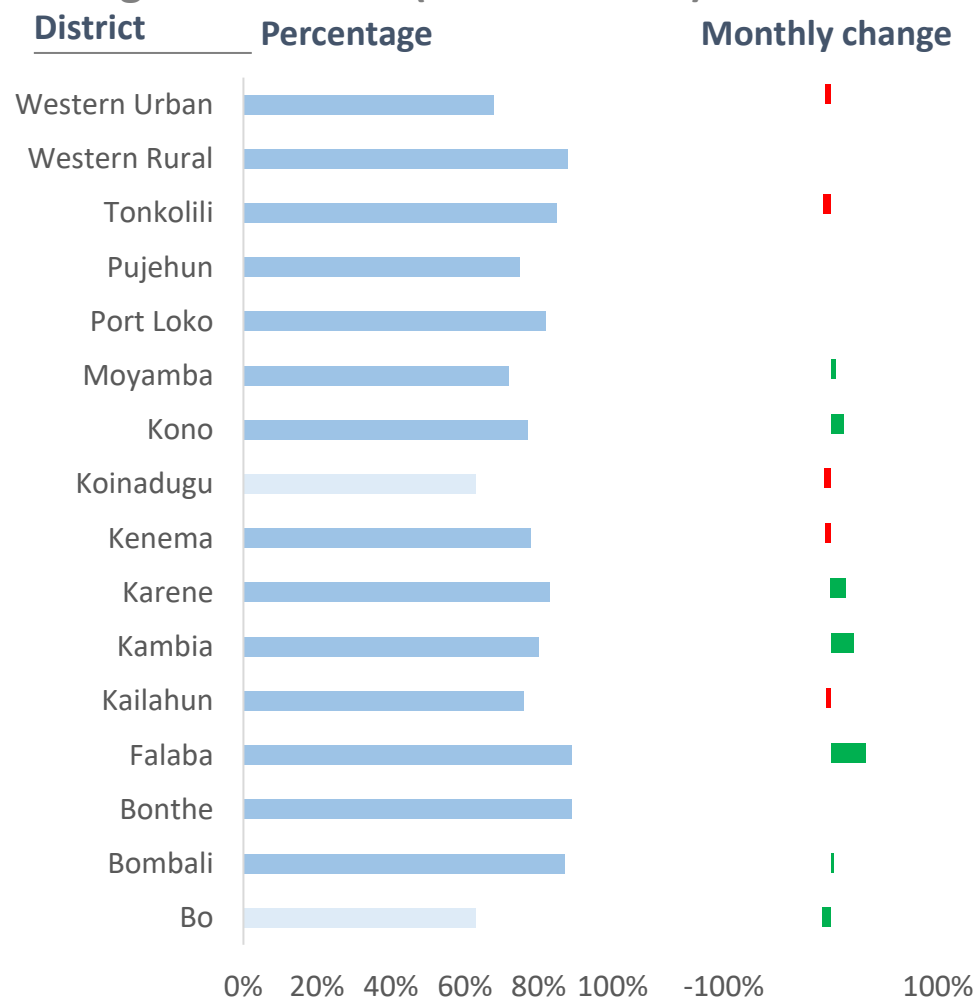
Average attendance in JSS Classrooms, both sexes by district in May

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



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

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



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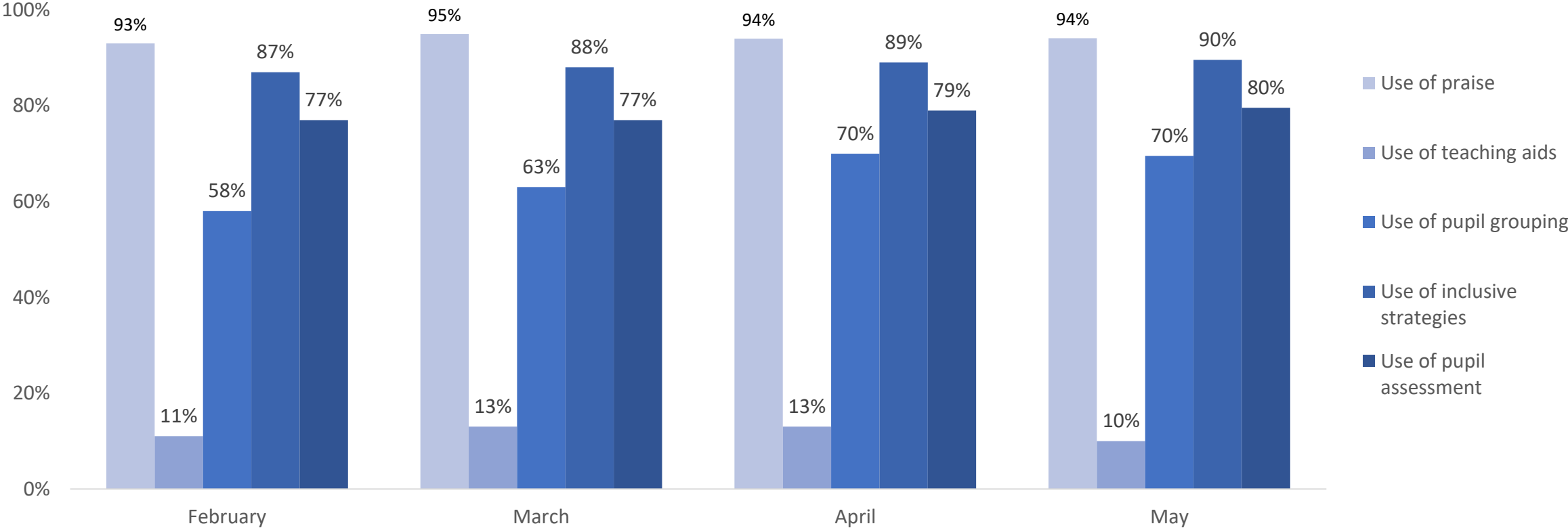
Section 8 – Pedagogy



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

The use of pedagogical strategies ,such as use of praise and grouping in classrooms were very similar to previous months. There was a slight increase in the use of inclusive strategies and pupil assessment

Proportion of lessons where different pedagogical strategies are used



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Section 6 – Summary data



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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	771
SSS	546
SSS (non-private) – LWL focus	412
Actual Number of non private SSS Supported this month	252

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	2573
SSS	5,917
SSS (non-private) – LWL focus (English & Maths teacher)	2,000 (estimate)
Number of SSS teachers reached this month	784