



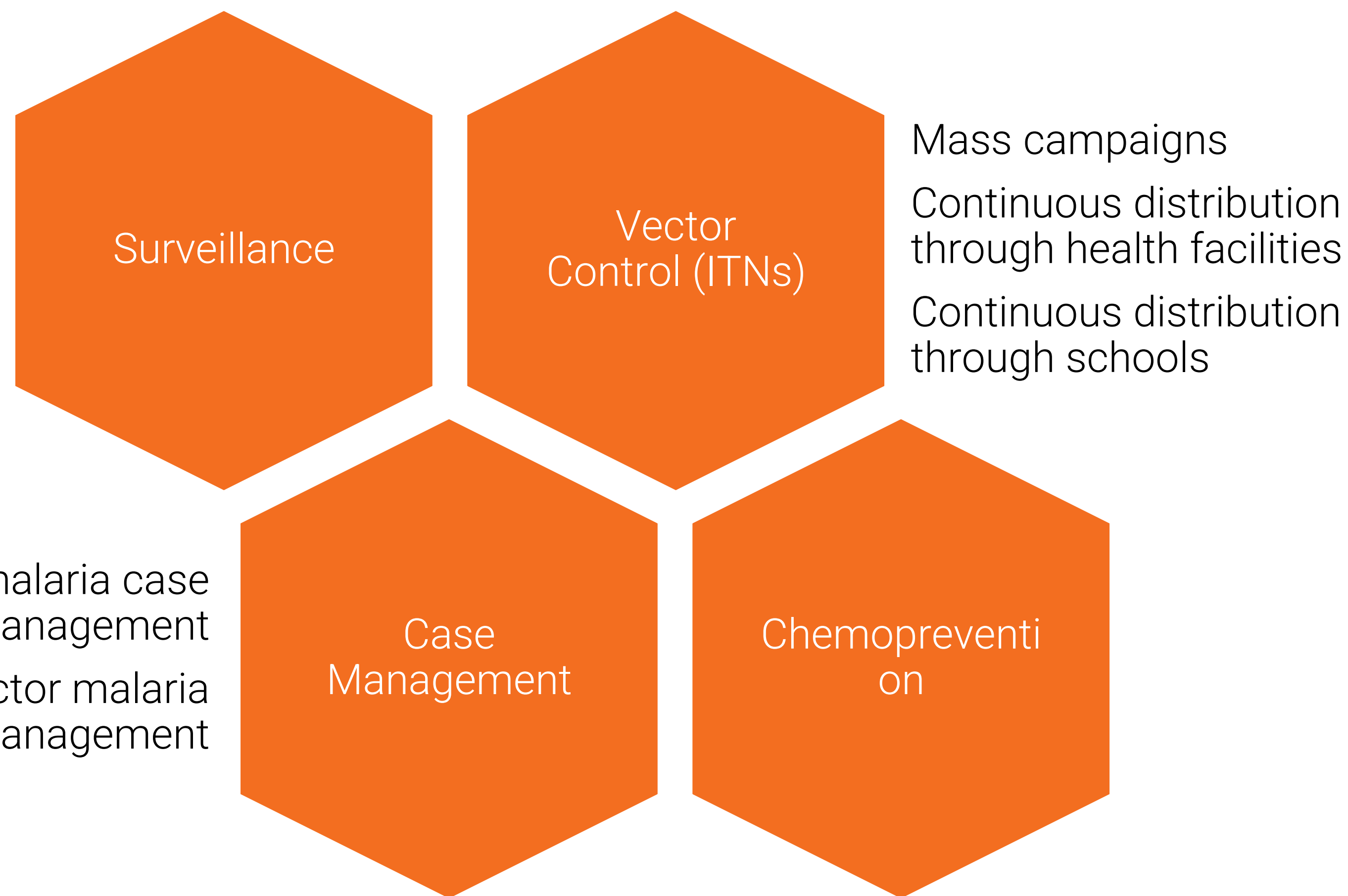
MONITORING THE QUALITY OF MALARIA INTERVENTIONS

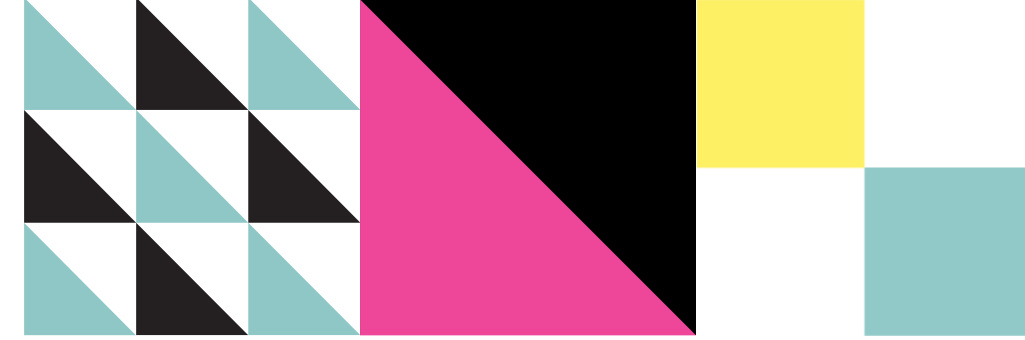
SURVEILLANCE, MONITORING, AND
EVALUATION REFERENCE GROUP
(SMERG)

19 MAY 2021



PSI HAS DIRECTLY IMPLEMENTED AND SUPPORTED THE SUPERVISION AND ASSESSMENT OF MALARIA INTERVENTIONS IN VECTOR CONTROL AND CASE MANAGEMENT IN BOTH THE PUBLIC AND PRIVATE SECTORS.





QUALITY OF CONTINUOUS DISTRIBUTION OF ITNS

Using the DHIS2 Android Capture app, we've supported NMCPs and subnational teams to continuously assess the quality of continuous distribution channels (mostly health facilities and recently schools). Though supervision has been a routine activity under these channels for many years, performance, strengths, and gaps have not been quantified. Now, teams have automated and customizable dashboards to monitor these results.

School based distribution of ITNs – Performance indicators

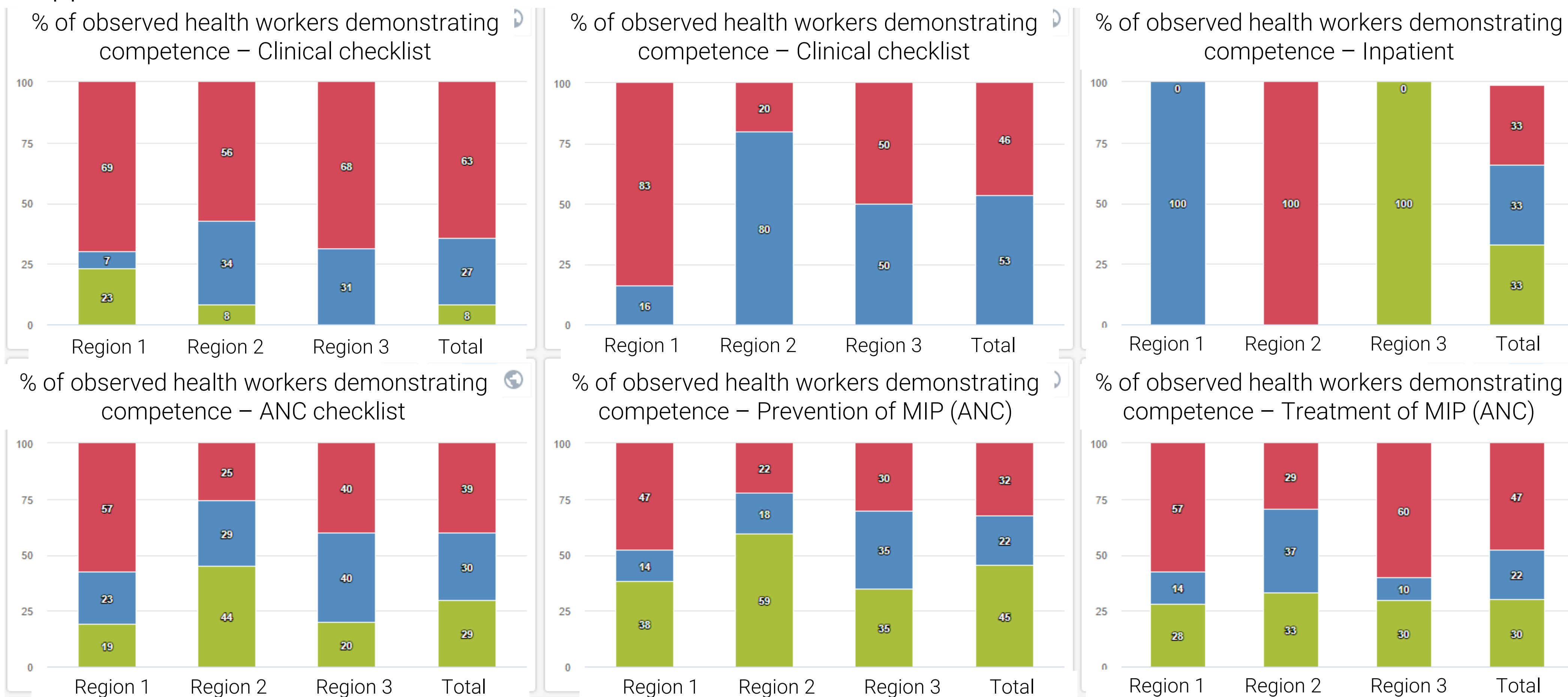
Period	Organisation unit / Data	- # of schools with distribution supervised	% where ITNs were delivered to school during working hours	% where ITNs were stored in a secure place	% where documents verifying quantity was signed by both school teacher and private transporter	% where flyers / materials on proper usage of ITNs were given to pupils	% where issuing records were filled properly	% where issuing was done to the eligible classes	% where private transporter conducted a pre-alert meeting with LGA	% where school received the correct quantity of ITNs according to the manifest plan	% where private transporter shared with LGA the issuing manifest plan?
2020	Region 1	12	92	100	100	100	100	100	100	100	100
	Region 2	32	100	100	100	100	97	94	100	100	100
	Region 3	12	100	100	100	100	17	83	100	100	100
	Region 4	33	100	100	100	100	97	97	100	97	100
	Total	89	98.9	100	100	100	86.5	94.4	100	98.9	100



QUALITY OF MALARIA SERVICE DELIVERY



In 14 countries, through use of the DHIS2-based app HNQIS, national and subnational malaria staff quickly identify low quality services and intervene in the appropriate geographical areas with the appropriate tailored support.





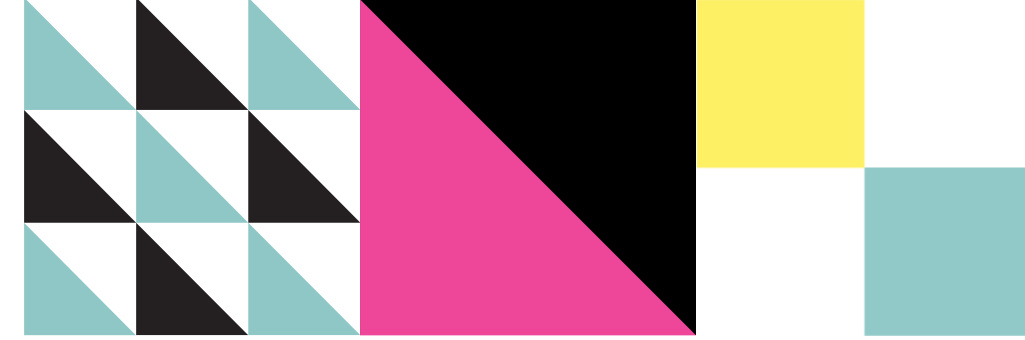
WE'VE ALSO HAD TO ADAPT DUE TO THE COVID-19 PANDEMIC.

Delivering typically in-person trainings through digital platforms

- DHIS2 – considered conducting quizzes by events or trackers to capture knowledge retention, mixed with existing help desk articles that would serve as provision of information (e.g., presentations); **opportunity to use a system learners are already accustomed to**
- Moodle – online learning platform that is customizable and open-source; curriculum, in-person and pre-recorded classes, quizzes; **opportunity to leverage a system built for teaching and learning environments**
- WhatsApp – online, less connectivity needed, customizable, quizzes; **opportunity to leverage a system already familiar to training participants**

Using basic digital solutions to adapt activities in complex operating environments

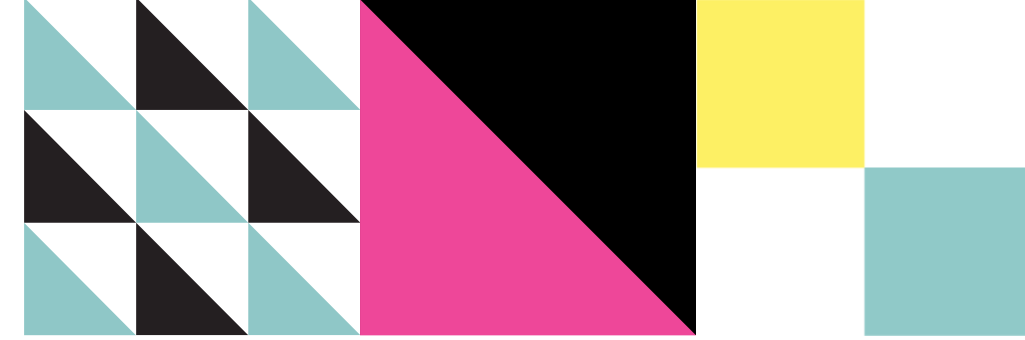
- Supervision visits to assess ITN distribution through health facilities
 - **Originally in-person**
 - **Considering (a) remote interviews by phone calls to capture qualitative data and (b) pictures to assess variance between reporting forms and HMIS data**
 - **Challenge is measuring HMIS data against registers (large amount to review)**
- Sometimes simple is best for quicker and more sustainable adaptation



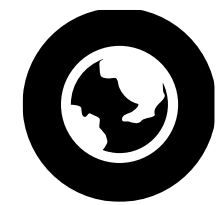
LESSONS LEARNED

- Assessing the quality of interventions is important and can highlight areas to improve for optimal delivery of the intervention. Getting these data isn't enough; we need to respond and tailor how we adapt based on the data.
- Leverage existing tools and ready-to-deploy tools (e.g., WHO DHIS2 packages) to expedite implementation of these QA systems. These tools are likely packaged using learnings so you can avoid facing issues yourself. Many tools exist for DHIS2 (including those presented here).
- Be ready to adapt, and implement (and iterate) fast.
- Publicize these / your tools! Put them on GitHub or on your company website. Share on the DHIS2 Community of Practice. Promote open-source tools and giving back to the global community.

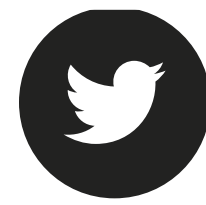




CONNECT WITH US



VISIT US
PSI.ORG



FOLLOW US
@PSIIMPACT



LIKE US
/PSIHEALTHYLIVES



FOLLOW US
/COMPANY/POPULATION-SERVICEINTERNATIONAL



FOLLOW US
@PSIIMPACT



Luigi Nuñez, lnunez@psi.org
Christopher Lourenço, clourenco@psi.org
PSI Malaria, malaria@psi.org

