

**Recommendations for IRS:** *Recommend moving forward with current/planned IRS campaigns, implementing the following key actions:*

- Daily reminders to all spray teams/supervisors/personnel to wash hands with soap and water, stay home if feeling sick, and no physical contact (handshakes, fist bumps)
- Increase number of hand washing stations and soap at all IRS operations sites
- Reinforce morning health checks for all spray team members; adding temperature checks where feasible
- IRS team members wear N-95 face masks and use other routine PPE, as soon as entering operations sites (Note: IRS team members are already routinely issued N-95 masks for daily use)
- Teams should practice social distancing: 2 m between people, segregation of teams, no more than 10 people in a training group
- Limit vehicle passengers to 1 team at a time
- Wipe down, with soap and water or bleach cleaning solution, frequently touched surfaces daily (door handles, vehicle railings, etc).
- Stagger IRS spray team breakfast, morning mobilization, deployment of teams, and end of day clean up to allow for 2 m between personnel.

**Recommendations for IRS:** *Recommend moving forward with current/planned IRS campaigns, implementing the following key actions:*

- Daily reminders to all spray teams/supervisors/personnel to wash hands with soap and water, stay home if feeling sick, and no physical contact (handshakes, fist bumps)
- Increase number of hand washing stations and soap at all IRS operations sites
- Reinforce morning health checks for all spray team members; adding temperature checks where feasible
- IRS team members wear N-95 face masks and use other routine PPE, as soon as entering operations sites (Note: IRS team members are already routinely issued N-95 masks for daily use)
- Teams should practice social distancing: 2 m between people, segregation of teams, no more than 10 people in a training group
- Limit vehicle passengers to 1 team at a time
- Wipe down, with soap and water or bleach cleaning solution, frequently touched surfaces daily (door handles, vehicle railings, etc).
- Stagger IRS spray team breakfast, morning mobilization, deployment of teams, and end of day clean up to allow for 2 m between personnel

**Recommendations for Entomological Monitoring:** *Recommend temporarily suspending entomological monitoring activities for IRS, ITNs (including the new nets projects) until COVID-19 transmission wanes, with some exceptions, as outlined below:*

- **Vector bionomics monitoring:** Suspend data collection by human landing catches, pyrethrum spray catches, CDC light trap collections, etc. until further notice
- **Insecticide resistance monitoring:** Continue resistance testing, but only conduct testing using mosquitoes reared from larvae, not from adult collections (e.g. via Prokopak aspirations from houses)
- **IRS spray quality and residual efficacy:** Conduct initial wall cone bioassays to assess spray quality but suspend all subsequent monthly bioassays through June 2020, at which time the situation should be reevaluated
- **ITN durability monitoring:** Suspend data collection through June 2020 at which point the situation should be reevaluated and the decision made as to whether or not data collection should proceed according to the full or a potentially reduced protocol

- **Non-routine entomological monitoring activities:** Teams should contact their HQ vector control backstops for country-specific guidance; however, in general, non-routine monitoring should be suspended during this interval when COVID-19 is of major concern
- **Operational research:** All core-funded operational research studies will be suspended until further notice (this currently includes the housing modification study in Uganda and the IRS partial spraying study in Ghana, neither of which have started data collection). For country-specific OR, teams should contact their HQ vector control backstops for guidance
- **Insectary maintenance:** Effort should be made, where possible, to continue to maintain mosquito colonies, while adhering to additional safety precautions (detailed below).