

## Sampling Methodology for Vitamin Angels' On-site Monitoring

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In 2019, Vitamin Angels (VA) is conducting on-site monitoring of 20% of all field partners distributing vitamin A and deworming around the globe. VA uses a stratified random sampling methodology, with field partners stratified by geographic area (i.e. priority country/region) and size of partnership (small, medium and large). Below are the steps for generating the sample:

1. At the end of each year (Q4 December), Vitamin Angels' (VA) Monitoring and Evaluation (M&E) unit generates a list of all field partners from VA's Salesforce database that have received a shipment of vitamin A and/or deworming within the past 1.5 years (as grants are given on a rolling basis).
2. From the list, field partners belong to one of the following geographic regions:
  - India
  - Indonesia
  - Philippines
  - Democratic Republic of Congo (DRC)
  - Nigeria
  - Uganda
  - Haiti
  - Mexico
  - Asia region (without India, Indonesia and Philippines)
  - Africa region (without DRC, Nigeria and Uganda)
  - Latin America and the Caribbean region (without Haiti and Mexico)
3. Field partners are divided into two equal categories based on number of beneficiaries reached (i.e. Small = 4,000 or less beneficiaries; Large = 4,001+ beneficiaries). Then, field partners are labelled as small or large.
4. Field partners are assigned a random number (using =RAND function in Excel).
5. Field partners are then stratified by geographic area and size (small and large), whereby 80% of large partners are sampled and 20% of small partners. Then the lists are randomized.
6. 20% of field partners are equally selected across each list.

\*Note: If the field partner does not have any product remaining to observe a distribution, a "replacement" field partner can be selected to substitute in the list. Replacement field partners are selected by choosing the next randomly selected partner in the list.