

S1 Table. Form ward: Sample cluster selection using probability proportional to population size

| Ward | Camp | Target Pop | Jere LGA* | | Clusters selected | Cluster ID |
|---------------|-----------------------|------------|-----------|---------------|-------------------|-----------------|
| | | | Cum Pop | Cluster tally | | |
| Old Maiduguri | Ajari old Maiduguri | 3744 | 3744 | 1, | 1 | 1 |
| Dala | Bulamari | 317 | 4061 | | | |
| Dusuman | Custom House1 | 5630 | 9691 | 1, | 1 | 2 |
| Dusuman | Custom House 2 | 3429 | 13120 | 1, | 1 | 3 |
| Dala | Dala Foi | 15797 | 28917 | 1,1,1,1, | 4 | 4,5,6,7 |
| Mairi | Dalori Camp | 28942 | 57859 | 1,1,1,1,1,1, | 6 | 8,9,10,11,12,13 |
| Old Maiduguri | Faria Buzu Camp | 243 | 58102 | | | |
| Old Maiduguri | Faria Gidan Block | 8729 | 66831 | 1,1, | 2 | 14,15 |
| Dusuman | Farm Center | 13384 | 80215 | 1,1,1, | 3 | 16,17,18 |
| Dala | Fatia Kurti | 212 | 80427 | | | |
| Old Maiduguri | Hursu Bashir | 2983 | 83410 | 1, | 1 | 19 |
| Dala | Kurari | 446 | 83856 | | | |
| Old Maiduguri | Lambu | 1990 | 85846 | 1, | 1 | 20 |
| Old Maiduguri | Madinatu | 1195 | 87041 | | | |
| Old Maiduguri | Miskin | 1897 | 88938 | | | |
| Dusuman | Muna Da'ali 2 | 229 | 89167 | | | |
| Dusuman | Muna Da'alti 1A | 562 | 89729 | | | |
| Dusuman | Muna Da'alti 1B | 141 | 89870 | 1, | 1 | 21 |
| Dusuman | Muna Da'alti 2A | 6311 | 96181 | 1, | 1 | 22 |
| Dusuman | Muna Da'alti 2B | 390 | 96571 | | | |
| Dusuman | Muna Da'alti 3 | 141 | 96712 | | | |
| Dusuman | Muna Ethiopia gulumba | 493 | 97205 | | | |
| Dusuman | Muna garage elbarnawi | 19975 | 117180 | 1,1,1,1,1 | 5 | 23,24,25,26,27 |
| Dusuman | Muna Kori bula Yalaye | 462 | 117642 | | | |
| Dusuman | Muna Moforo | 2357 | 119999 | | | |
| Dusuman | Muna Primary | 442 | 120441 | 1, | 1 | 28 |
| Dusuman | Musari Camp | 1078 | 121519 | | | |
| Mairi | Uniguess | 3891 | 125410 | 1, | 1 | 29 |
| Mairi | Vetenary village | 5854 | 131264 | 1, | 1 | 30 |

*OCV sample cluster selection for Jere LGA; the same process was done to select 30 clusters for the rest of the five LGAs