## Supplementary Table 1:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **n** | **15 - 29.9** | **>=30** | **Non-iodised****(<5ppm)** | **Inadequately iodised****(5-14.9ppm)** | **Adequately iodised****(>=15ppm)** |
|  |  |  |  | Count | % | Count | % | Count | % | Count | % | Count | % |
| **Zone 1** | Multi-dimensional Poverty Index | Low MPI Score (<1/3) | 844 | 262 | 31.0% | 254 | 30.1% | 197 | 23.3% | 131 | 15.5% | 516 | 61.1% |
| High MPI Score (>=1/3) | 137 | 43 | 31.4% | 44 | 32.1% | 32 | 23.4% | 18 | 13.1% | 87 | 63.5% |
| Dietary Diversity Score Grouped | Not diverse diet | 749 | 217 | 29.0% | 232 | 31.0% | 178 | 23.8% | 122 | 16.3% | 449 | 59.9% |
| Diverse diet | 234 | 89 | 38.0% | 67 | 28.6% | 51 | 21.8% | 27 | 11.5% | 156 | 66.7% |
| Household Food Insecurity | Food secure | 815 | 246 | 30.2% | 249 | 30.6% | 183 | 22.5% | 137 | 16.8% | 495 | 60.7% |
| Mildy food insecure | 48 | 18 | 37.5% | 14 | 29.2% | 10 | 20.8% | 6 | 12.5% | 32 | 66.7% |
| Moderately food insecure | 35 | 12 | 34.3% | 13 | 37.1% | 9 | 25.7% | 1 | 2.9% | 25 | 71.4% |
| Severely food insecure | 85 | 30 | 35.3% | 23 | 27.1% | 27 | 31.8% | 5 | 5.9% | 53 | 62.4% |
| **Zone 2** | Multi-dimensional Poverty Index | Low MPI Score (<1/3) | 777 | 320 | 41.2% | 290 | 37.3% | 52 | 6.7% | 115 | 14.8% | 610 | 78.5% |
| High MPI Score (>=1/3) | 178 | 75 | 42.1% | 42 | 23.6% | 33 | 18.5% | 28 | 15.7% | 117 | 65.7% |
| Dietary Diversity Score Grouped | Not diverse diet | 592 | 251 | 42.4% | 188 | 31.8% | 57 | 9.6% | 96 | 16.2% | 439 | 74.2% |
| Diverse diet | 366 | 144 | 39.3% | 144 | 39.3% | 31 | 8.5% | 47 | 12.8% | 288 | 78.7% |
| Household Food Insecurity | Food secure | 815 | 332 | 40.7% | 294 | 36.1% | 66 | 8.1% | 123 | 15.1% | 626 | 76.8% |
| Mildy food insecure | 68 | 26 | 38.2% | 17 | 25.0% | 16 | 23.5% | 9 | 13.2% | 43 | 63.2% |
| Moderately food insecure | 39 | 20 | 51.3% | 7 | 17.9% | 3 | 7.7% | 9 | 23.1% | 27 | 69.2% |
| Severely food insecure | 36 | 17 | 47.2% | 14 | 38.9% | 3 | 8.3% | 2 | 5.6% | 31 | 86.1% |
| **Zone 3** | Multi-dimensional Poverty Index | Low MPI Score (<1/3) | 735 | 317 | 43.1% | 287 | 39.0% | 32 | 4.4% | 99 | 13.5% | 604 | 82.2% |
| High MPI Score (>=1/3) | 191 | 72 | 37.7% | 47 | 24.6% | 18 | 9.4% | 54 | 28.3% | 119 | 62.3% |
| Dietary Diversity Score Grouped | Not diverse diet | 593 | 257 | 43.3% | 200 | 33.7% | 33 | 5.6% | 103 | 17.4% | 457 | 77.1% |
| Diverse diet | 334 | 132 | 39.5% | 134 | 40.1% | 18 | 5.4% | 50 | 15.0% | 266 | 79.6% |
| Household Food Insecurity | Food secure | 884 | 372 | 42.1% | 322 | 36.4% | 45 | 5.1% | 145 | 16.4% | 694 | 78.5% |
| Mildy food insecure | 12 | 5 | 41.7% | 2 | 16.7% | 4 | 33.3% | 1 | 8.3% | 7 | 58.3% |
| Moderately food insecure | 8 | 5 | 62.5% | 1 | 12.5% | 0 | 0.0% | 2 | 25.0% | 6 | 75.0% |
| Severely food insecure | 23 | 7 | 30.4% | 9 | 39.1% | 2 | 8.7% | 5 | 21.7% | 16 | 69.6% |
| **Zone 4** | Multi-dimensional Poverty Index | Low MPI Score (<1/3) | 699 | 257 | 36.8% | 357 | 51.1% | 37 | 5.3% | 48 | 6.9% | 614 | 87.8% |
| High MPI Score (>=1/3) | 146 | 67 | 45.9% | 47 | 32.2% | 18 | 12.3% | 14 | 9.6% | 114 | 78.1% |
| Dietary Diversity Score Grouped | Not diverse diet | 594 | 228 | 38.4% | 271 | 45.6% | 49 | 8.2% | 46 | 7.7% | 499 | 84.0% |
| Diverse diet | 251 | 96 | 38.2% | 133 | 53.0% | 6 | 2.4% | 16 | 6.4% | 229 | 91.2% |
| Household Food Insecurity | Food secure | 754 | 291 | 38.6% | 364 | 48.3% | 44 | 5.8% | 55 | 7.3% | 655 | 86.9% |
| Mildy food insecure | 26 | 9 | 34.6% | 9 | 34.6% | 6 | 23.1% | 2 | 7.7% | 18 | 69.2% |
| Moderately food insecure | 25 | 5 | 20.0% | 17 | 68.0% | 1 | 4.0% | 2 | 8.0% | 22 | 88.0% |
| Severely food insecure | 40 | 19 | 47.5% | 14 | 35.0% | 4 | 10.0% | 3 | 7.5% | 33 | 82.5% |
| **Zone 5** | Multi-dimensional Poverty Index | Low MPI Score (<1/3) | 554 | 269 | 48.6% | 223 | 40.3% | 10 | 1.8% | 52 | 9.4% | 492 | 88.8% |
| High MPI Score (>=1/3) | 418 | 186 | 44.5% | 94 | 22.5% | 32 | 7.7% | 106 | 25.4% | 280 | 67.0% |
| Dietary Diversity Score Grouped | Not diverse diet | 640 | 279 | 43.6% | 209 | 32.7% | 30 | 4.7% | 122 | 19.1% | 488 | 76.3% |
| Diverse diet | 332 | 176 | 53.0% | 108 | 32.5% | 12 | 3.6% | 36 | 10.8% | 284 | 85.5% |
| Household Food Insecurity | Food secure | 391 | 190 | 48.6% | 152 | 38.9% | 7 | 1.8% | 42 | 10.7% | 342 | 87.5% |
| Mildy food insecure | 193 | 89 | 46.1% | 56 | 29.0% | 15 | 7.8% | 33 | 17.1% | 145 | 75.1% |
| Moderately food insecure | 144 | 66 | 45.8% | 41 | 28.5% | 6 | 4.2% | 31 | 21.5% | 107 | 74.3% |
| Severely food insecure | 244 | 110 | 45.1% | 68 | 27.9% | 14 | 5.7% | 52 | 21.3% | 178 | 73.0% |
| **Zone 6** | Multi-dimensional Poverty Index | Low MPI Score (<1/3) | 653 | 295 | 45.2% | 276 | 42.3% | 2 | 0.3% | 80 | 12.3% | 571 | 87.4% |
| High MPI Score (>=1/3) | 344 | 170 | 49.4% | 106 | 30.8% | 2 | 0.6% | 66 | 19.2% | 276 | 80.2% |
| Dietary Diversity Score Grouped | Not diverse diet | 623 | 326 | 52.3% | 189 | 30.3% | 3 | 0.5% | 105 | 16.9% | 515 | 82.7% |
| Diverse diet | 374 | 139 | 37.2% | 193 | 51.6% | 1 | 0.3% | 41 | 11.0% | 332 | 88.8% |
| Household Food Insecurity | Food secure | 479 | 234 | 48.9% | 176 | 36.7% | 0 | 0.0% | 69 | 14.4% | 410 | 85.6% |
| Mildy food insecure | 150 | 37 | 24.7% | 99 | 66.0% | 2 | 1.3% | 12 | 8.0% | 136 | 90.7% |
| Moderately food insecure | 39 | 25 | 64.1% | 9 | 23.1% | 0 | 0.0% | 5 | 12.8% | 34 | 87.2% |
| Severely food insecure | 329 | 169 | 51.4% | 98 | 29.8% | 2 | 0.6% | 60 | 18.2% | 267 | 81.2% |

\* All percentages