Review of Sudan Population Data at Locality Level

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With responses from UNICEF Sudan (in Blue)

# Comparing S3M results locality list with CBS- provided locality populations

Below is a table of number of localities in per state from the S3MII side-by-side with the table of number of localities per state from the CBS data on populations.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ## | S3M | nLocalities | CBS | nLocalities |
| ## | 1 Al-Gadarif | 12 | Gedaref | 12 |
| ## | 2 Al-Gazeera | 8 | Gezira | 8 |
| ## | 3 Blue Nile | 7 | Blue Nile | 7 |
| ## | 4 Central Darfur | 9 | Central Darfur | 9 |
| ## | 5 East Darfur | 9 | East Darfur | 9 |
| ## | 6 Kassala | 11 | Kassala | 11 |
| ## | 7 Khartoum | 7 | Khartoum | 7 |
| ## | 8 North Darfur | 19 | North Darfur | 18 |
| ## | 9 North Kourdofan | 8 | North Kordofan | 8 |
| ## | 10 Northern | 7 | Northern | 7 |
| ## | 11 Red Sea | 10 | Red Sea | 10 |
| ## | 12 River Nile | 7 | River Nile | 7 |
| ## | 13 Sinar | 7 | Sennar | 7 |
| ## | 14 South Darfur | 22 | South Darfur | 21 |
| ## | 15 South Kourdofan | 17 | South Kordofan | 17 |
| ## | 16 West Darfur | 9 | West Darfur | 8 |
| ## | 17 West Kourdofan | 14 | West Kordofan | 14 |
| ## | 18 White Nile | 9 | White Nile | 9 |

There is general agreement between the two lists with regard to the localities that they report on. The differences between North Darfur, South Darfur and West Darfur is accounted for by the IDP camps in each state that have been counted as separate “localities” or survey domain/area in the S3MII (see next point below on IDP camps).

When actual locality names are compared between the two lists, however, there is variance across the names which is already expected. For the most part, locality names can be matched. When matching, we will use the locality results for S3MII as the standard for the spelling and will adjust spelling from CBS accordingly.

This is agreeable.

# Missing population for specific localities

The other issue now is the missing data on population for certain localities:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ## |  | state | locality | pop |
| ## | 4 | Blue Nile | Wd almahi | 158,343 |
| ## | 11 | Central Darfur | Rokero | 119,677 |
| ## | 12 | Central Darfur | Golo | 145,841 |
| ## | 33 | Gezira | algurashi | 629,576 |
| ## | 42 | Gedaref | Elmfaza | 230,581 |
| ## | 43 | Gedaref | Basunda | 158,040 |
| ## | 74 | North Darfur | Dar-Alsalam | 162,656 |
| ## | 77 | North Darfur | Am baro | 137,447 |
| ## | 80 | North Darfur | alteena | 102,008 |
| ## | 81 | North Darfur | Kranoy | 104,654 |
| ## | 102 | Red Sea | Dordaib | 39,900 |
| ## | 105 | Red Sea | Gabait | 40,514 |
| ## | 113 | River Nile | Elbohira | 34,322 |
| ## | 157 | South Kordofan | Alburam | 44,653 |
| ## | 158 | South Kordofan | Heban | 131,134 |
| ## | 165 | West Darfur | Jable mon | 123,217 |
| ## | 178 | West Kordofan | Abyei | 118,366 |
| ## | 180 | West Kordofan | Elmairam | 81,500 |
| ## | 182 | White Nile | Guli | 169,650 |

The possible solution will be to find the data for this from the UNFPA data that was shared earlier. On review, we couldn’t match these locality names with the names on the UNFPA list. This might be due to spelling or that the UNFPA list does not have the most current locality list.

We would need UNICEF to tell us how it would like to deal with these missing populations.

They are not in the UNFPA list, we suggest using EPI population data. Missing population data added above from EPI lists.

# IDP camps

In the previous results, we have agreed with UNICEF that we will treat the IDP camps as if they were their own “locality” or their own survey domain when reporting results at the locality level and then including the IDP camp data/results when estimating the indicators for the state in which they are located. So, For South Darfur, North Darfur and West Darfur estimates, the respective camps contributed to the sample.

For this new analysis, we need UNICEF to indicate that this is still how they want to deal with the IDP camps. If so, then we need population sizes for the IDP camps.

Moving foreward, we will treat the IDP camps as separate special areas and estimate the indicators for these areas via bootstrap but we will not include these IDP camps in estimating the indicators for the state in which they are situated.

We think the camps should be analyzed to have separate results for each camp, and they should contribute to the state results given the old age of the camps and the integration of the IDPs in the neighboring communities.

Camp population:

SD state Kalma camp: 126,172

WD state Mornie camp: 40,775

ND state Zamzam camp: 107,132