

---

Subject: Re: Mismatch of number of clusters

Posted by [Bridgette-DHS](#) on Thu, 10 Jun 2021 20:21:39 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Following is a response from DHS Senior Sampling Specialist, Mahmoud Elkasabi and DHS Geospatial Technologist, Tom Fish:

There can be fewer clusters in some other files than there are in the HR and PR files just because of how the eligible cases are distributed. For example, as you say, in "the Namibia 2013 data, there are 550 clusters in the household file and 537 clusters in the children file". That's because there were 13 clusters with no children under five. This difference does not indicate an error.

For the question in your last paragraph, we are confident that the clusters in the DHS and GPS files are correctly matched. Someone from the GIS team will respond to your question about locations and clusters and the DRC example.

There are no discrepancies between the published GPS file and the recode; the GPS file has 536 clusters listed just like the recode. There are, however, 44 clusters that we could not verify the location of and are at 0, 0 and are marked as missing (MIS). This process does not effect other clusters. We are sure that the 492 clusters with verified locations (GPS and GAZ) are in the correct places. Please note that all clusters have been displaced by a small amount to protect the privacy of our respondents. For more information on the process, please see Spatial Analysis Report 7 on The DHS Program's Website.