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Notes on Somalia Administrative Boundaries:

The Somalia National Peace Conference Peace Plan, contains an official list of the regions and districts as of the 31st of December 1990. This list matches up with the shapes in official FEWS NET shapefiles, thus the shapefile and FNIDs are dated 1990. Note that Banaadir (Mogadishu) region is officially divided into 15 urban districts. However, those boundaries are not available in shapefiles. There have been some reported changes in districts over the past 20 years, but they are not considered official. The boundaries on file with FEWS NET are also the boundaries used by partners.

Notes on Coding the Somalia Production Data:

We encountered several challenges while coding the production data with FNIDs and geographic information. The issues and solutions are outlined below.

1. **Borama & Baki districts report data collectivity as one unit.** To address this, we made use of the "locality" feature in the FDW. The locality field is used when data reports for a section or segment of an admin unit. In the upload file the locality is listed as, "~Borama~Baki~" and captured in the "pop_group" column. The parent Admin 1 FNID (Lower Juba - SO1990A111) is used.

2. **Livelihood Zones:** Prior to 2010, crop production data reported at the district level. Since 2010, FSNAU has started a practice of disaggregating data between "Riverine" & "Agro-pastoral" areas within districts. In the FDW, the livelihood zone is captured as a locality which is listed in the dominant livelihood zone column in the upload file. Having data reporting for the same district, in the same year for "Riverine" and "Agro-pastoral" areas is acceptable because it is the combination of the FNID and locality which makes the geographic area unique.

3. **Hagar District:** Crop production data reports for a district named "Hagar", which is not part of the 1990 official district administrative shapefile. Discussions with Somalia FO, indicated that *"Hagar was formed by Siyad Barre Government in 1988 but not mapped. In the current map it's included in Afmadow district and occupies north Afmadow".* (See email in e-mail folder). Because Hagar is not an official administration unit in most maps and shapefiles, it was not appropriate to add it to the 1990 administration set.

   As a solution, a file containing just two shapes was uploaded to the FDW, as a "crop reporting units". This file contains the shapes for "Hagar" and "Afmadow", based on the boundaries shown in a map drawn by the Somalia field office. Hagar and Afmadow, will be assigned to the parent "Lower Juba" and exist in parallel with the un-split unit "Afmadow". The split "Hagar" and "Amfadow" units have an aggregate relationship to the un-split "Afamadow" unit.

4. **Years in FNIDs**: Discussions with Somalia Field Office indicate that all data reports using the same set of units, including pre-1990 data. Thus, 1990 FNIDs were used to code all data and it was deemed acceptable to have data in which the year for crop production precedes the year in the FNID.