**Design**

1. Deletion is not an actual deletion, but a “mark for deletion”
2. Head of household cannot be deleted
3. Add single field to questionnaire to flag occurrence as deleted
4. Check added to beginning of each successive roster
5. Update each occurrence label with the person’s name or “<Deleted>”

**Why this works**

1. Occurrences are not deleted from record, because this would shift successive occurrences and potentially invalidate line numbers after it. Once marked for deletion the action cannot be undone.
2. All relationships are relative to the head of household. Deleting the head of household will invalidate all relationships after it. Therefore, this is a special case and the head of household cannot be deleted, instead it must be modified.
3. If field is marked as delete, then skip will move to end of occurrence. When moving backwards in the questionnaire the same path will be followed. Post-data collection this flag will be check to determine if person should be ignored.
4. A single record may be split across multiple rosters. At the beginning of each successive roster the mark for delete field is checked. If the occurrence has been deleted then skip to next is called moving to the next occurrence. This keeps rosters in sync.
5. Call user-defined function ShowHidePopulation() in three places
   1. HOUSEHOLD\_LEVEL: update occurrence labels when returning from partial save or modify mode
   2. HH\_DELETE\_ROW: immediately update occurrence label after deletion
   3. HH\_NAME: immediately update occurrence label after entering name

**Example**

1. See CSPro application *delete-person*