**Dental Care Supply**

**Arkansas (AR) Notes**

**by Chris Larkins**

* I used the AR file from the dropbox for the BOD dentists. The file was collected on 7.26.19. Because the file required payment, the file from 7.26.19 was used rather than a more updated file.
* The “IKN\_processed.csv” file and “[NP\_national\_w\_extra\_col\_2n.csv](http://localhost:8888/view/Dental%20Care%20Supply/NP_national_w_extra_col_2n%20(1).csv)” files were used
* Anything that mentioned “hygienist” was disregarded according to recept dropbox updates.
* I used the PA/IL code on dropbox to help formulate my code for AR
* The BOTH + BOD FTE sum of dentists is 1,363. The 2018 ADA total is 1,269.
* All BOD rows that had blank rows (without an index) were removed.
* This BOD file, without blank rows, from 7.26.19 includes:
  + 1,930 rows of Dentists, without any hygienists.
  + 352 (18%) of the rows had expired licenses, as of 7.26.19. These were filtered out with BOD pre-processing.
  + Only “Home Addresses” were in the BOD data. No Practice addresses. However, the home addresses were used as practice addresses.
    - Only 1 line of address.
    - After investigation, many of these “home addresses” are dentist offices. Many of them appear to be just homes, but they are actually family dentistries. However, many of the addresses are just homes. .
  + 55 (2.8%) of the rows had *Legal Notes* that stated: “Disciplinary Action - See Attached.” I was not sure of the specifics of this meaning. I did not exclude any rows because of their legal notes.
  + 1548 (80%) rows have a AR practice state.
    - 71 rows (3%) had null states.
  + The Columns Headers Include:
    - *Index First Name Last Name Degree Home Address City State ZIP Code Office Phone Number Office Fax Number Email Address County License Number Date of License License Expiration Date DEA License Number Date of Birth Gender Race Dental School Date Graduated Specialty Legal Notes*
* The IKN-NPPES match rate was 98%
* The overall IKN match rate was 7%. After investigation, the mismatch was because the BOD file had middle names included in the first name. Therefore, the NP\_names (which doesn’t include a middle name) did not match with BOD\_names. This was fixed. The new overall IKN match rate was 89.8%.
* After Exclusions, there were only BOTH values. No Medicaid or CHIP.
* In the AR\_head\_value2\_binary\_both file, there were 10 names with a Provider\_Full\_NM2 of “NO NAME PROVIDED.”
  + Therefore, right before the head values were created for BOTH, the ten rows with “NO NAME PROVIDED” were replaced with the respective BOD names.