**Dental Care Supply**

**Nevada (NV) Notes**

**by Chris Larkins**

* I used the NV file from the dropbox for the BOD dentists. The file was collected on 9.30.19. Because the file required payment, the file from 9.30.19 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 NV
* The ADA report shows 1,660 dentists in 2018 in NV. The final sum of dentists from the FTE files of MED + CHIP + BOD is 2,250 (1,702 unique).
* This BOD file from 9.30.19 includes:
  + 2330 rows of Dentists, without any hygienists.
    - 1774 (76%) of these Dentists have an office in NV.
    - 1717 (97%) of the dentists practicing in NV are active and with un-expired licenses as of 9.30.19.
    - All the out-of-state, inactive, and expired dentists were removed with BOD pre-processing.
    - 396 of the 1717 dentists have licenses that are geographically restricted, have specialty licenses, or are “limited.” These dentists were not excluded.
  + The Columns Headers Include:
    - *Full Name First Name Middle Name Last Name Suffix Professional Title License Type License Number Original License Date License Status License Specialty Expiration Date Practice Name Office Street Line1 Office Suite Office City Office State Office Zip Office Number Office Fax Dental School Name Dental School Graduation Date Doctoral School Name Doctoral Graduation Date Post Doctoral School Name Post Doctoral Graduation Date BoardAction*
* The IKN-NPPES match rate was 82%
  + IKN-NPPES match rate by name was 78%
* The overall IKN match rate was 70%
  + I believe the low overall IKN match rate has more to do with the low IKN-NPPES match rate than the BOD data. After investigation, it appeared that many of IKN names had practice names not dentist names. For example, some IKN names included: [“OF RENO LLC,SMALL SMILE” , “DENTAL,NEIGHBORHOO” , “DENTAL,JUST SMILES”] . I counted 156 (46%) of the 340 IKN names that were not matched these odd practice names. All of the IKN names have NPI’s, however all the fake IKN names do not have “real” NPI’s that match with the NPPES database. Unfortunately, there is not another name in the IKN database that I can use to replace the “fake names.” I decided to move on with this 70% match rate.
* CHIP and Medicaid rows were split at the end of the exclusions stage.
* **Interestingly in the before FTE files, you can see that these dentists had a strangely large number of appearances. The largest number of appearances was 46, but there were plenty of dentists in both the CHIP and MED files with 20+ appearances.**
* All of the rows for the final BOD FTE sum had whole numbers for the general, specialist, and pediatric columns.
* BOD\_Formatted\_Name. BOD\_Formatted\_Name was used because the final head count of dentists was much closer to the 2018 ADA value.
* In completing the state report, it was realized that one of the dentists had an inaccurate address. It had a NV address, though it was supposed to be Montana (Billings to be precise). Anyways, this BOD dentist was deleted from the NV\_head\_value2\_binary\_bod.csv file.