**Dental Care Supply**

**Maryland (MD) Notes**

**by Chris Larkins**

* I used the MD file from the dropbox for the BOD dentists. The file was collected on 9.10.19. Because the file required payment, the file from 9.10.19 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/process on dropbox to help formulate my code for MD.
* **Originally, The MED + BOD FTE sum of dentists was 4,145 (4,128 unique). The 2018 ADA total is 4,268. After including BOD out-of-state addresses for the MED FTE process and re-running the BOD stand alone, the new MED + BOD sum became 4,295 (4,278 unique).**
* This original BOD file from 9.10.19 includes:
  + 5,070 rows of Dentists, without any hygienists.
  + Dentists designated as “Active” or “Probation.” No licenses were expired.
    - 5,046 Active (99.5%)
    - 24 Probation (0.5%). The licenses on probation were originally excluded in the BOD pre-processing stage, however they were then included on the second run of the code.
  + 4179 (82%) rows have a MD BOD address.
    - After realizing that not enough MD BOD dentists existed in the database. I re-ran the code to include out-of-state BOD addresses. However, all of the states still had MD submitting states. This added 134 dentists to the FTE Med file. I also
  + The Columns Headers Include:
    - *license\_no sort\_name item\_text item\_text issue\_date expiration\_date first\_name middle\_name last\_name name\_suffix person\_address\_addr\_line\_1 person\_address\_addr\_line\_2 person\_address\_addr\_city person\_address\_addr\_state person\_address\_addr\_zipcode person\_address\_addr\_county*
  + Approximately 20 rows were edited immediately before any analysis where the address line 1 included the name of the location or office and the address line 2 included the actual address. Therefore, for these ~20 rows, the addresses were fixed so that the address line 1 included a mailing address. This did not fix all errors in the address columns.
* The IKN-NPPES match rate was 96.5%
* The BOD match rate to IKN-NPPES was 82.9%
  + After including out-of-state BOD addresses, the match rate became 93%.
* After Exclusions, there were no CHIP values, only Medicaid.