**Dental Care Supply**

**Wisconsin (WI) Notes**

**by Chris Larkins**

* Because the WI BOD data required payment, the BOD data from 7.26.19 on dropbox was used.
* 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 in accordance to receipt dropbox updates.
* I used the PA/IL code on dropbox to help formulate my code for MA
* The ADA report shows 3,317 dentists in WI in 2018. The final FTE sum of unique dentists from the BOTH + BOD files is3,681.
* This BOD file from 7.26.19 includes:
  + 4,787 rows of dentists, without any hygienists.
    - 3,707 dentists with WI practice state.
    - All of these licenses are updated/active, except for one.
    - Only a Full Name column was given. Therefore, I delimited the names into first, middle, and last names.
    - **75% of the addresses did not include streets (the first line of the address).**
  + The Columns Headers Include:
    - *BOD\_FULL\_NAME, BOD\_Last, BOD\_First, BOD\_Middle, BOD\_addr1, BOD\_City, BOD\_State, BOD\_Zip, BOD\_lic\_no, BOD\_type, BOD\_expire\_date, BOD\_addr, BOD\_names, BOD\_Formatted\_Name*
* The IKN-NPPES match rate was 97%
* The overall IKN match rate was 67%
  + Not great, however I ran the code again without any BOD pre-processing, and I got an IKN match rate of 95%, proving that the algorithm is functioning correctly. It is just that many dentists were filtered out in the BOD pre-processing, and thus they did not match with IKN.
* Only "Both” rows were present at the end of the exclusions stage.
* All of the rows for the final BOD FTE sum had whole numbers for the general, specialist, and pediatric columns.