**Dental Care Supply**

**New Hampshire (NH) Notes**

**by Chris Larkins**

* I used the NH file from the dropbox for the BOD dentists. The file was collected on 9.25.19. Because the file required payment, the file from 9.25.19 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 NH
* The ADA report shows 843 dentists in NH in 2018. My final FTE MED + BOD sum of dentists was 1,079 (all unique).
* This BOD file from 9.25.19 includes:
  + 1103 rows of Dentists, without any hygienists from NH.
    - All of these licenses are updated/active.
  + The Columns Headers Include:
    - *LAST NAME FIRST NAME NAME SUFFIX ADDRESS LINE 1 ADDRESS LINE 2 ADDRESS CITY ADDRESS STATE ADDRESS ZIPCODE SPECIALTY LICENSE NUMBER EXPIRATION DATE*
* The IKN-NPPES match rate was 81%
  + IKN-NPPES match rate by name was 77%
* The overall IKN match rate was 71% (new 83%...see below).
  + I believe the low overall IKN match rate has more to do with the low IKN-NPPES match rate than the BOD data. The only reason why I can explain the IKN-NPPES match rate is so low is because IKN only provides 217 unique rows of NH dentists. Therefore, an 81% match rate equates to about only 42 IKN dentists not being matched.
* Only Medicaid rows were present at the end of the exclusions stage.
* I had an initial error with the geocoder. 80%+ of my addresses did not have very accurate coordinates. I found the error (FYI, I have found the majority of the errors in the zip codes). The NH zip codes all start with a 0, however Microsoft Excel deleted the leading zero in the default format. Therefore, the geocoder processed the zip code as non-existent, and I had to go back in and add the zeros through an excel formula. Afterwards, my coordinates had no issues!
* In going through the state report, it was realized that only about 4% of the dentists accepted non-private insurance. This number seemed oddly low. In going back through the IKN matches, it was realized several names could have been matched that were not due to middle initials. Usually, these names are passed and not bothered with. However, because the NH state is so small, this group of extra 15-20 dentists that could be added was significant. After matching these new dentists, the **new IKN match rate was 83%.** The new percentage of dentists accepting non-private insurance in NH is aroun 6%.