**Tableau Documentation**

1. Parameters
   1. Dense Gen Med Distance Threshold – buffer radius for dense gen med clinics
   2. Dense Specialty Distance Threshold – buffer radius for specialty gen med clinics
   3. Sparse Gen Med Distance Threshold – buffer radius for sparse gen med clinics
   4. Sparse Specialty Distance Threshold – buffer radius for sparse specialty clinics
2. Dimensions
   1. All\_Clinics
      1. Clinic Name – name of the clinic, which we will have to replace with the actual city name/region of the clinic
      2. Clinic Type: “D” or “S” for dense or sparse respectively
      3. Tableau\_FK – used to join all the data files
   2. Degrees.csv
      1. Tableau FK – used to join the data files
   3. Sheet 1 (Demand Points)
      1. Tableau FK1 – used to join the data files
3. Measures
   1. All\_Clinics
      1. Clinic Latitude/Longitude
      2. Demand Weight – The number of veterans that GIS assigned to the clinic
      3. Objectid – the FID from GIS
      4. Total Miles: The total driving distance that veterans have to travel to arrive at that clinic
   2. Degrees.csv
      1. Degree – values 0, 15, 30, …, 360, which are used to generate the mile buffers in Tableau
   3. Sheet 1 (Demand Points)
      1. Demand Latitude/Longitude
      2. Demand\_ID – the FID from GIS
      3. Number of Veterans – the number of veterans at the demand points
4. Calculated Variables (in logical, not alphabetic order
   1. Circle Latitude/Longitude Gen Med/Specialty (Measure) – a set of points encircling each clinic, whose distance from the clinic is specified by the respective radius threshold parameter. There are 360/15+1=25 of these points, one for each degree value 0, 15, …, 360
   2. Distance (Measure) – the distance between a demand point and a clinic
   3. Distance to Closest Clinic, Dense/Sparse (Measure) – for a fixed demand point, the distance between that demand point and its closest clinic (dense/sparse)
   4. InGenMedDenseRadius? (Boolean Dimension) – true if a demand point is within the gen med threshold distance of a dense clinic, false otherwise