ESTAR Dashboard Notes

KD 3/1/2023

* General:
  + ~~ESRD 🡪 ESKD or kidney failure throughout~~
  + ~~Can we incorporate transplant process timeline graphic (similar to classic Patzer et. al figure) at top of page?~~
    - ~~Eventually could highlight which step is selected in dropdown menu~~
  + Need to note somewhere that waitlisting dates and patient characteristics are from USRDS linkage
  + Say ESTAR Dashboard only once at the top (currently both page header and page title)
  + ~~“Select your interested outcome”🡪 “Select your outcome of interest”~~
  + Do we have data starting at 2014 for all centers? If yes, put that in the “Date Ranges for Calculations” info (e.g., “Referral within 1 year of dialysis start for patients initiating dialysis 1/1/14-6/30/2019 with follow-up though 6/30/2020.”)
* Figure 1/Bar chart
  + Visual:
    - ~~Add horizontal reference line at median to bar chart~~
      * By region and overall in “All Networks” version? Could do this as a click-to-add function
    - Possible to color bars according to network in “All network” version to enable comparison across networks?
  + Text:
    - Under-chart text suggested revision: “Proportion of patients with new-onset kidney failure referred for transplant evaluation within 1 year of dialysis start. Bars represent de-identified individual transplant centers in the selected ESKD Network(s), arranged in descending order from highest to lowest 1-year referral rates. Rates calculated using aggregate [pooled?] data for all years reported by transplant center.”
      * Secondary note: Can this text change based on whether you have the “include preemptive” switch turned on? If so, can clarify preemptive inclusion in figure legend, too.
    - Combine “Methodological note” and “Referral Rate calculation” text: “Patients with first referral within one year of dialysis start divided by total number of patients starting dialysis (1/1/2014-6/30/2020).”
      * Can say “total number of incident kidney failure patients starting dialysis” if the sample has been restricted to patients who don’t recover kidney function [w/in n months of first start]
    - Note about denominator estimates using TRRs under figure 1
      * Should only be included in regions 1, 2, 9 (not region 6)
      * Should include a citation/link to Katie’s paper
* Figure 2/Butterfly plot
  + For the “all networks” page, may be most useful to present this figure as a bar chart with one bar for each network, so you can compare average rates in each network in one figure (vs. the average rate among all networks)
  + (Version 2 comment): I think it would eventually be very valuable to present the demographic characteristics not only as the proportion of patients referred who fall into each category, but as the proportion of patients in each category who are referred (e.g., x% of patients aged 18-29 at dialysis start were referred within 1 year). This approach would give more information about groups who are disproportionately referred vs. not referred.
* Figure 3/Time trend:
  + Needs note about use of TRRs for NW 1, 2, 9, and All Network versions for Referral
* Comments for Version 2+:
  + It would be great to see versions of Figures 1 & 2 that present time to event data (among prevalent patients, perhaps in a first iteration, then adding these figures for incident patients in a later version, or vice-versa)
  + Adding a figure (e.g., Figure 2b & c) that shows attrition at each step, then attrition by patient characteristics (e.g., “leaky pipe” figure with statistical data)