Matching up (or not) the MTS, DATA Act, and DTS

# Website/API vs. MTS

1. Does the website match MTS on 2016 budget functions tree map?
   * Yes: The dollar values match (rounded)
   * No: As a percent. Is the website using a different total number?
     1. Yes, the homepage tree map is taking a “spending perspective” and thus throws out negative outlays from the tree map. In this case, (1) Commerce and Housing Credit and (2) offsetting receipts. Then, I got matching %’s
   * Note: the homepage cites MTS as the data source…
2. Does search page match MTS on 2017 data?
   * No, but…: MTS is outlays, the search page shows obligations
3. Is MTS gross or net?
   * Some columns say Net, others say Gross, some say total, some have nothing (e.g. Outlays)
   * Most are “totals” and I think these are net?
     1. Are we including fees from services (negative outlay? Receipts?)
     2. Table 4 shows gross outlays, applicable receipts, and outlays, suggesting “outlays” and “totals” represent net, and gross only if stated
4. Does API data match MTS for outlay to outlay comparison?
   * No: MTS is showing NET outlays by budget function for each month. The API is giving GROSS outlays.
     1. No: MTS FYTD values in march from Table 9 for outlays by function do not match TAS Categories if we sum gross\_outlay\_amount\_by\_program\_object\_class\_cpe by budget function.
     2. No: The sum of Jan, Feb, Mar ’17 (i.e. Q2) outlays by budget function do not match the API values for gross
5. Can we compare gross numbers for outlay to outlay comparison?
   * No: Only place I see gross outlays is Table 5, but this is organized by agency/sub-agency and not budget function.
     1. We would need a crosswalk between budget function and agency
   * **MTS:** 
     1. **Table 5 – March FYTD gross outlays: 2,229,728 M**
     2. **Table 5 – March FYTD gross outlays HHS: 607,737 M**
     3. **Table 5 – March FYTD gross outlays Treas: 330,842 M**
     4. (Table 2 – March FYTD Total outlays: 1,999,991)
   * API:
     1. Tas Balances – 7/11 pull - excel pivot (fr entity)
        1. Sum total of gross\_outlay\_amount\_by\_tas\_cpe - 2,878,651,296,177 – excel
        2. HHS gross\_outlay\_amount\_by\_tas\_cpe - 785,774,123,408
        3. Treasury gross\_outlay\_amount\_by\_tas\_cpe - 524,645,940,951
     2. Tas Balances – 6/13 pull – excel pivot (fr entity)
        1. Total outlays: 2,883,527,132,436 (different by 4,875,836,259)
     3. TAS Balances – 7/11 pull - python
     4. TAS Balances – 6/13 pull – python
     5. TAS Categories – 7/11 pull – excel
     6. TAS Categories – 6/13 pull - excel
     7. TAS Categories – 6/13 pull – python
        1. By budget function, sum of gross\_outlay\_amount\_by\_program\_object\_class\_cpe: 2,901,015,658,493
     8. TAS Categories - 7/11 pull - python
6. Can we use our data to find net amounts that correspond to the net amounts in MTS?
   * I don’t see anything adjustment-ish that’s related to outlays, only obligations
7. What’s the timing relationship between the two?
   * Some endpoints are *through* Q2, and thus can be compared with FYTD numbers
   * Some endpoints are *only in*  Q2, and thus the appropriate 3 MTSs would need to be summed to find the corresponding values

# Aileen - MTS & DATA Act data relationship

I have not spoken with Aileen yet. (8/1)

# DTS?

I have not investigated DTS yet. (8/1)