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## THE TCN DATA PLATFORM

*USING DATA FROM THE TRANSITIONS  
CLINIC NETWORK TO IDENTIFY  
POTENTIAL RESEARCH QUESTIONS*

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### OBJECTIVES

- Review of TCN data collection
  - Data collection process
  - Data collected
- Introduction to the TCN data platform
  - Accessing the platform
  - Organization of the platform
  - Using data in the platform
- Team exercises with platform data

## DATA COLLECTION

### Engagement into the TCN

- TCN demographics
  - Gender, race/ethnicity, age (from DOB)
  - Referral source
- TCN Baseline survey
  - Socio-demographics (Education, residence, employment, income sources, etc.)
  - Incarceration history (length of last incarceration, prior convictions)
  - Health history (medical and behavioral)
  - Health care utilization (if any ED visits and hospitalizations since release)

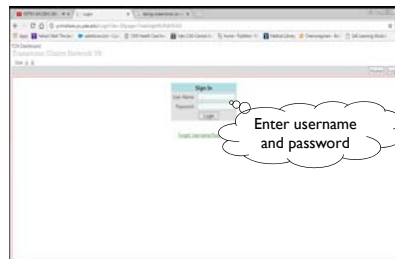
## DATA COLLECTION

### After TCN engagement

- At 3 months intervals (Medical record abstractions or patient report)
  - Health care utilization (ED/ hospitalization visits)
  - Return to jail/prison
  - Changes in in socio-demographics (e.g. education, employment, etc)
  - Data captured using multiple surveys (Follow up, Data abstraction , ED/Hospitalization, & Recidivism)
- Patient - Community health worker (CHW) interactions
  - CHW tracking form (within the first 6 months)

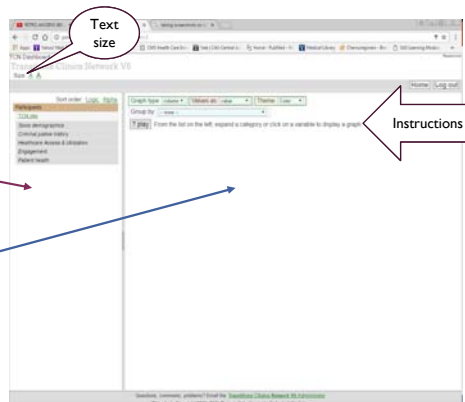
## THE TCN DATA PLATFORM

- Contains de-identified TCN patient data  
(Only baseline data available on the platform for now)
- Accessing the platform
  - Internet (to access server)
  - User name and password

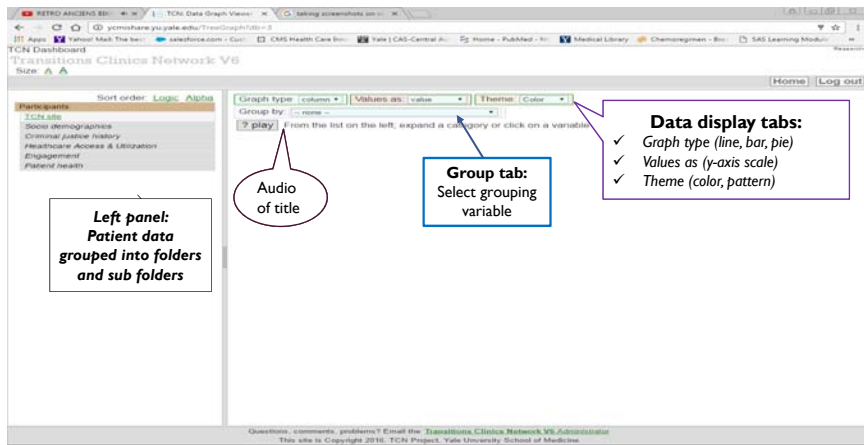


## NAVIGATING THE TCN DATA PLATFORM

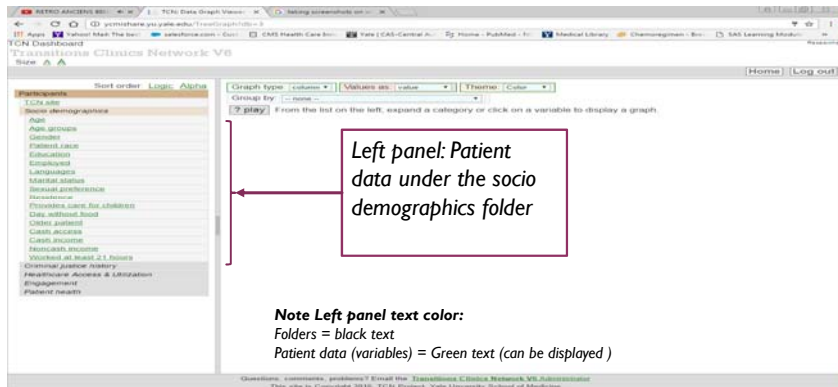
- Welcome page features
  - General
    - Adjust text size
  - Left panel (collapsible)
    - Patient data
    - Sort data folders
  - Right panel
    - Data display
    - Instructions & display selection



# NAVIGATING THE TCN DATA PLATFORM

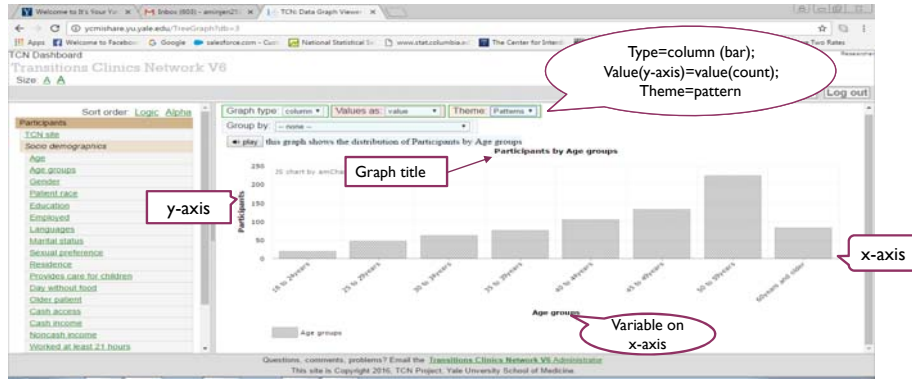


# USING PLATFORM DATA

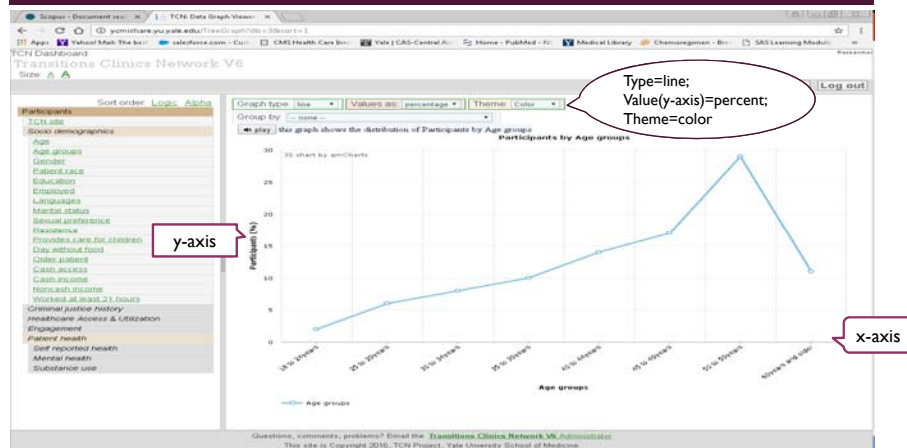


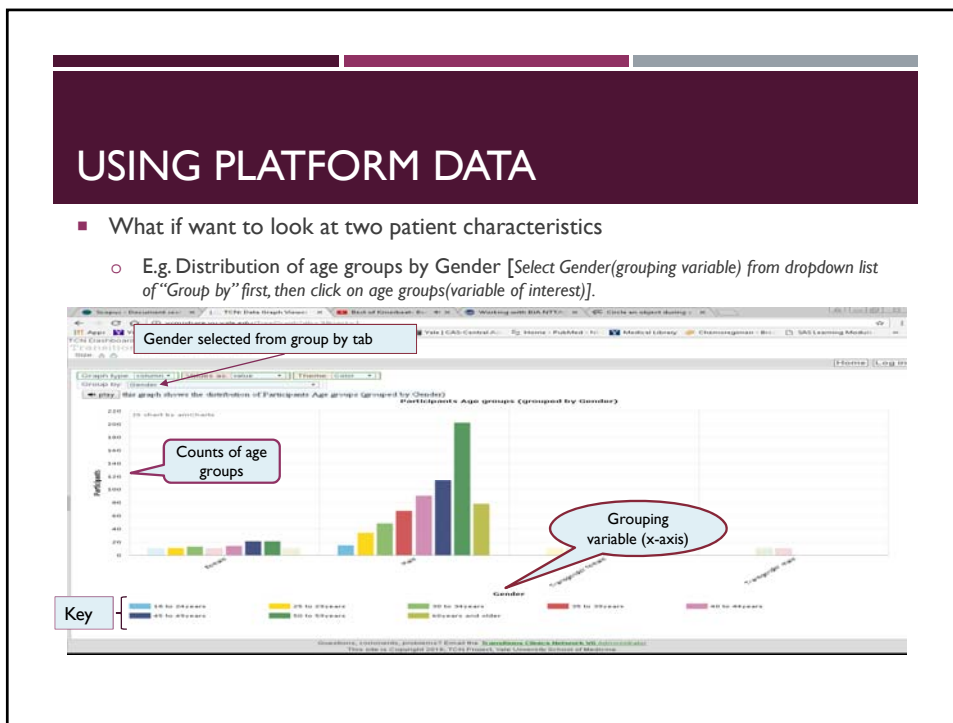
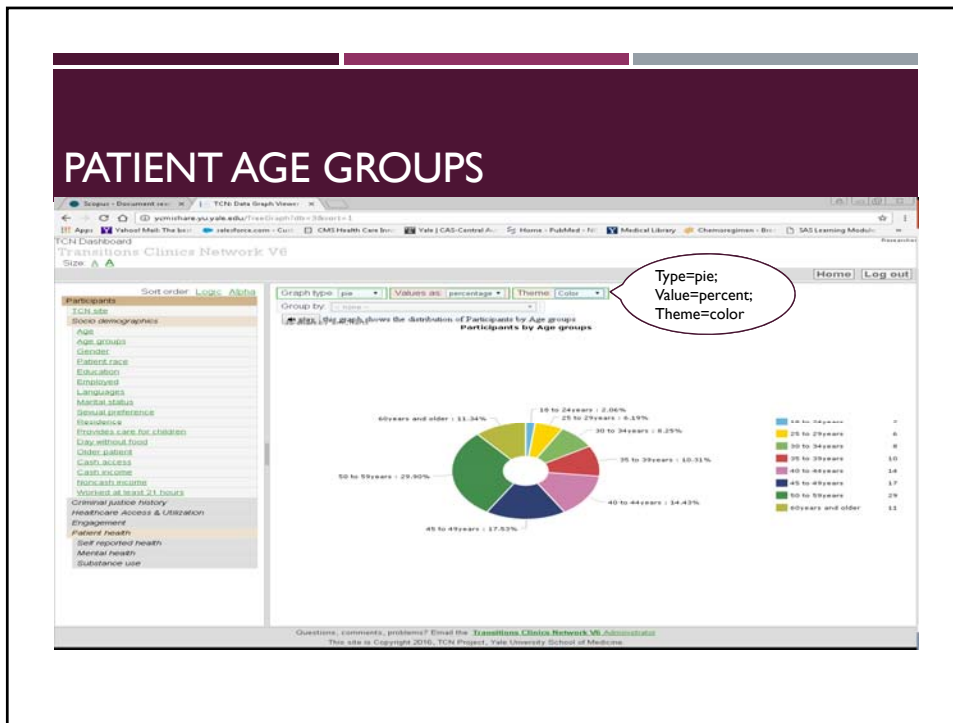
## USING PLATFORM DATA

- Single patient characteristic (variable)
  - E.g. Age groups



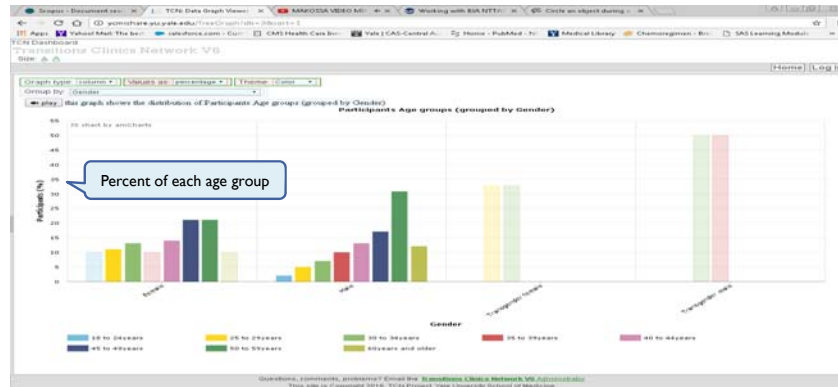
## PATIENT AGE GROUPS





## EXAMINING TWO VARIABLES

- What if want to look at two patient characteristics
  - For example distribution of age groups for Men and Women



## PLATFORM DATA: EXAMINING TWO VARIABLES

- When looking at two variables
  - Grouping variable is on x-axis
  - Cannot select Pie-chart in graph type
  - Grouping variable determine shape
    - E.g. Gender grouped by age groups



## USING PLATFORM DATA:ACTIVITY

- Split into teams
- Complete team exercises using the TCN web based platform

## PLATFORM DATA: NEXT STEPS

### **Improving the TCN Data Platform**

- Upload follow-up data (healthcare utilization/recidivism)
- Improve functionality of the platform to examine more than two variables or a single TCN site
  - E.g. Select male participants, and among them look at education grouped by race
- Create functionality so that patient could compare themselves to the entire TCN population