BASIC NAVIGATING IN TRINETX

STUDIES TAB: FIRST STOP

TriNetX (TNX) builds a running library of all the studies you have created, or that have been shared with you. Create a fresh study by clicking on "**Create New Study**".

To find existing studies, you can search by study name, by your ⭐ favorites, your own created studies, those shared with you, or templates.

Note:
"Open Studies" are ones you opened during this TNX visit.
"Other Studies" are those you haven't accessed in this instance.

Navigating within your study will be covered on a separate Tip Sheet.

CONNECT

Connect is only accessible to certain users at Stony Brook.

Pharma and device sponsors compensate TNX to load their studies into the system, and the Office of Clinical Trials receives messages when a proposed clinical trial is matched with our patient population. Our SBU contact then reaches out to potential SBU investigators to gauge their interest in participating.

CUSTOM TERMS

A **Custom Term** is a set of codes carefully combined by a user to create one time-saving term. Examples might be a long list of contraindicated medications or a set of criteria representing a diagnosis commonly used in your research.

Users must request access to the Custom Terms feature.

BASIC NAVIGATING IN TRINETX

BROWSE NETWORK: A SCENIC VISTA

The Browse Network tab gives the user a mountain top view of the available patient facts in a chosen network as a whole. Click on the network section, which will display your available options to browse.

Browse Network

Network **Stony Brook University** 1 of 1 HCOs online

Select a network from the list below

- 27 of 27 Online | Last Update: 6 hours ago

Global Collaborative Network | 157,063,972 Patients
- 134 of 134 Online | Last Update: 6 hours ago

LATAM Collaborative Network | 31,938,040 Patients
- 32 of 32 Online | Last Update: 21 hours ago

Linked | 16,096,575 Patients
- 24 of 24 Online

Research | 134,034,121 Patients
- 97 of 97 Online | Last Update: 7 hours ago

Stony Brook University | 1,763,820 Patients
- 1 of 1 Online | Last Update: 7 days ago

Note: Although you are only browsing networks now, you will also be able to choose, and change, networks within your studies. Each network displays which of the following uses are available within studies:

Trial Connect | Analytics | Data sets

- Connect allows pharma to ask our Office of Clinical Trials to match their studies with one of our PIs
- Analytics is a set of powerful analysis tools that you can use within the platform to look at your data.
- Data sets indicates that a dataset can be requested from the chosen network for your own analysis.

Browsing Network Data

Choose from these viewing options from the left-side menu, within each network:

- **Demographics** – number of patients; percentages for Sex, Race, and Ethnicity; age ranges

- **Diagnoses** - number of patients by diagnosis code; percentages of network

- **Oncology** – cancer-specific data, such as histology or staging

- **Procedures** - number of patients by procedure code; percentages of network

- **Medications** - number of patients by medication; percentages of network

- **Labs** - number of patients with available values by lab; percentages of network; distribution of lab values across network

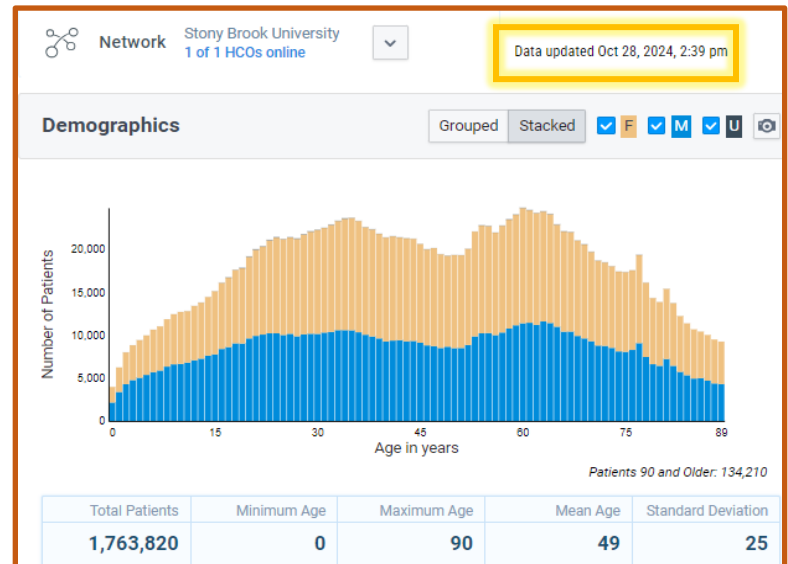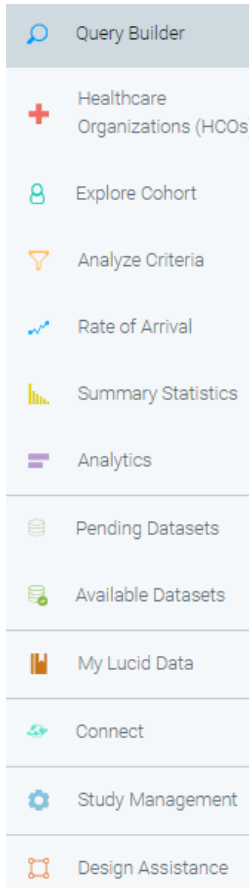- **Genomics** - number of patients with specified genomics; percentages of network

Network **Stony Brook University** 1 of 1 HCOs online | Data updated Oct 28, 2024, 2:39 pm

Demographics | Grouped Stacked ☑ F ☑ M ☑ U

Patients 90 and Older: 134,210

Total Patients	Minimum Age	Maximum Age	Mean Age	Standard Deviation
1,763,820	0	90	49	25

Image: Stony Brook demographics

Note: Notice the "Data Updated" date, telling us that the values in this demographics view were current as of 28Oct2024. Stony Brook data in TNX is generally current within ~1 week.

NAVIGATING INSIDE YOUR STUDY

Opening your study brings you to the Query Builder screen by default.

Icon	Menu
🔍	Query Builder
➕	Healthcare Organizations (HCOs)
👤	Explore Cohort
🔻	Analyze Criteria
〰️	Rate of Arrival
📊	Summary Statistics
▬	Analytics
🗄️	Pending Datasets
🗃️	Available Datasets
📑	My Lucid Data
🔗	Connect
⚙️	Study Management
⬡	Design Assistance

Query Builder: Build your new query here and return to those you have already built. All your queries will collect on the right side, and will be Unnamed until you name them. Click the pencil to change the name, and the trash can to delete.

Explore Cohort: Click Run to browse characteristics of your cohort - demographics, diagnoses, procedures, medications, labs, and any available genomics.

Analyze Criteria: Fine-tune your query by seeing which criteria have an impact on your number of applicable patients. Ideal for study feasibility and planning.

Rate of Arrival: Quickly have a prediction of newly arriving patients that will fit your criteria in the coming year, based on historical trends.

Summary Statistics: See an accounting of the number of patient facts available in your cohort's dataset, the time window for those facts, and a rough idea of where those patients are located.

Analytics: Take a deep dive into your data by comparing cohorts, treatment pathways, analyzing outcomes, and more. TNX adds new features periodically.

Analyze Outcomes
How do patients in a cohort experience outcomes?
Explore Characteristics | Review Outcomes
● Single Cohort

Compare Outcomes
How do outcomes compare between cohorts?
Compare Characteristics | Review Outcomes
● ● Two Cohorts

Compare Cohorts
How do patient characteristics compare between cohorts?
Compare Characteristics
● ● Two Cohorts

Competing Risks
What is the probability for a patient to have competing risks?
Review Characteristics | Review Competing Risks
● Single Cohort

Treatment Pathways
In what order do patients receive treatments following a diagnosis?
Review Characteristics | Review Treatment Pathways
● Single Cohort

Incidence and Prevalence
What are the incidence and prevalence of events of interest in a cohort?
Review Incidence and Prevalence
● Single Cohort

Advanced Explore Cohort
What are the characteristics of my cohort in different time periods?
Explore Characteristics | Explore Outcomes
● Single Cohort

Cox Proportional Hazards Model
What impact do a collection of predictors have on an outcome?
Select Covariates | Review Outcomes
● ● Two Cohorts

Pending and Available Datasets: Here is where your SB TNX Support person will find your dataset requests, and process your dataset downloads.

Connect: This feature is only available to the assigned Stony Brook Trial Connect contact, and links pharma sponsors with Stony Brook Principal Investigators for new studies.

Study Management: Update your study properties, share your study by adding to your team, and upload relevant documents to your study.

Design Assistance: Built your query, tried everything, and it still doesn't seem quite right? Or just want someone to check your work? Click to message an expert at TNX about your query.