Enrollment Dashboard

Instruction Guide

Revision 1.0
Date: 12/19/2016
Introduction
This document describes the functionality available in the Duke Enrollment Tableau Dashboard. Dashboard enrollment numbers and demographic information are only available for protocols that were institutionally approved after July 1, 2013 (Maestro Care Go-Live), as this data is pulled from Maestro Care. Data on enrollment numbers are not included for protocols that were institutionally approved prior to July 1, 2013.

Dashboard Access
The Tableau Enrollment Dashboard can be accessed from the following locations (click hyperlink to open):

- Office of Research Informatics Website
- Direct Link

General Usage and Navigation Features

- Clicking on a data block in any quadrant will automatically filter the data in the three adjacent quadrants. Click the | Revert button to reset the dashboard
- Hover over blocks of data to view details
- The dashboards may be downloaded to pdf by clicking the Download button.

Dashboard Layout

Duke Enrollment Tab
The Enrollment Tab of the dashboard is organized in the following sections (Figure 1):

1. Enrollment by CRU
2. Enrollment by Funding Source
3. Enrollment by Quarter (Fiscal)
4. Enrollment by Zip code
5. Filters:
   - By Fiscal Year
   - By Quarter
     - By using the Quarterly/Monthly drop-down filter on the right-hand side of the screen, the user will be able to switch the Enrollment by Quarter (Fiscal) section view to an Enrollment by Month section view.
   - By CRU provided you have access to more than one CRU based on login access. The filter may be set to display All CRUs or a specific CRU. Only CRUs that have enrollment will be available from this drop-down.
   - By Principal Investigators (PIs) (available to those in Tier I and Tier II) or
   - By Studies (Protocols): available to those in Tier I, Tier II, and Tier III.
Figure 1
Demographics Tab

The Demographics Tab of the dashboard is organized in the following sections (Figure 2):

1. Enrollment by Gender
2. Age at Enrollment
3. Enrollment by Ethnicity
4. Enrollment by Race
5. Filters:
   - By Fiscal Year
   - By CRU provided you have access to more than one CRU based on login access. The filter may be set to display All CRUs or a specific CRU. Only CRUs that have enrollment will be available from this drop-down.
   - By Principal Investigators (PIs) (available to those in Tier I and Tier II) or
   - By Studies (Protocols): available to those in Tier I, Tier II, and Tier III.
Figure 2
Security

Dashboard Access

To request access to a Tableau dashboard, open a request via the ServiceNow Portal.

Analytics & Reporting

Content Security

Dashboard content will be controlled based on the following roles:

1. Leadership (Tier I)
   - Access to information on all protocols, across all CRUs
   - Examples: School of Medicine, Office of Research Informatics, and Duke Office of Clinical Research leadership or their designees

2. CRU Oversight (Tier II)
   - Access to information on all protocols within their CRU
   - Examples: Research Practice Managers/Financial Practice Managers/Clinical Research Unit Directors or their designees

3. Principal Investigators (Tier III)
   - Access to information on a study (protocol) only if they are listed as that study’s Principal Investigator in eIRB
Dashboard Data

Duke Enrollment Tab
- Enrollment by CRU displays the enrollment count for the CRU’s to which you have access.
- Enrollment by Funding Source displays the total enrollment, by funding source. These data are obtained from Click’s electronic Institutional Review Board (eIRB), the IRB database for Duke.
- Enrollment by Quarter displays the fiscal quarterly enrollment beginning in 2014.
- Enrollment by Zip code displays enrollment data based on participant zip code.

Demographics Tab
The following four detail charts below display demographic data obtained from Maestro Care:

- Enrollment by Gender displays total enrollment, across all protocols, by gender.
- Age at Enrollment displays total enrollment, across all protocols, by age. Note that this age is based on the age of the patient at the time of enrollment in the protocol. Ages are rounded to the nearest whole number.
- Enrollment by Ethnicity displays total enrollment, across all protocols, by ethnicity.
- Enrollment by Race displays total enrollment, across all protocols, by race.
References
This section includes additional detail on the data sources used to create this dashboard.

Enrollment Trend Data Sources
Information on the source data for these enrollment numbers is found below:

Data Source: Maestro Care
Total enrollment is defined as the sum of distinct patient enrollment records in Maestro Care. The following Maestro Care statuses constitute enrollment:

- Completed Study
- Enrolled (IC obtained-under waiver or signed form)
- Enrolled Healthy Control Group Volunteer (IC obtained-under waiver or signed form)
- Enrolled No Bill Risk Protocol (IC obtained under waiver or signed form)
- Screen Failure
- Withdrawn by Patient
- Withdrawn by PI/study team
- Lost to contact

Demographics Data Sources
Demographic data are taken from Maestro Care.

Funding Source Data Sources
Information on funding source is taken from the Click Institutional Review Board (eIRB). The following algorithm shown below was used to derive the funding source.

<table>
<thead>
<tr>
<th>Funding Source</th>
<th>Rule</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIH:</td>
<td>Protocols with at least one sponsor with SPONSOR_ALIAS in ('NIH','NCI','NEI','NHLBI','NHGRI','NIA','NIAAA','NIH','NIBIB','NIND','NIDCD','NIDCR','NIDDD','NIDA','NIEHS','NIGMS','NIMH','NIMHD','NINSD','NINR','NLMP','NCATS','NCAD')</td>
</tr>
<tr>
<td>Federal-Other:</td>
<td>Protocols NOT NIH sponsored and at least one sponsor found where sponsor_type like '%Federal%' or sponsor_type like '%Non-profit%' or sponsor_type like '%Government%'</td>
</tr>
</tbody>
</table>