Navigate to Account Summary Stats

Go to the page for the Principal Investigator (PI)

From the landing page:
search or select the PI’s name

Or, from another root:
click the PI list button and search or select the PI’s name

Click Accounts tab, select the account card you want to view, Spending Details will be selected by default

Account Summary Stats Calculations

This document details the formulas for calculating the Summary Stats in the PI Dashboard. The Summary Stats includes:

- Percentage Spent
- Monthly Burn Rate (Avg. TC)
- Depletion Date at Current Spending
Percentage Spent
This is the percentage spent on the account to-date. Below are the formula’s used in the calculations.

**Sponsored Accounts**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Total Actual Expenses (incl. IDC) + Committed Funds</th>
<th>Obligated Amount</th>
</tr>
</thead>
</table>

Numbers found on account card:

<table>
<thead>
<tr>
<th>Obligated Amount</th>
<th>$369,971.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Actual Expenses (incl. IDC)</td>
<td>- $334,681.70</td>
</tr>
<tr>
<td>Committed Funds</td>
<td>- $1,547.13</td>
</tr>
</tbody>
</table>

Example: $334,681.70 + $1,547.13 = $369,971

Summary Stats

<table>
<thead>
<tr>
<th>Percentage Spent</th>
</tr>
</thead>
<tbody>
<tr>
<td>90.88%</td>
</tr>
</tbody>
</table>

**Non-Sponsored Accounts**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Total Actual Expenses (incl. IDC)</th>
<th>Balance Forward + Income + Non Operating</th>
</tr>
</thead>
</table>

Numbers found on account card:

<table>
<thead>
<tr>
<th>Balance Forward</th>
<th>$100,000.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Income</td>
<td>+ $50,000.00</td>
</tr>
<tr>
<td>Expense</td>
<td>- $5,494.04</td>
</tr>
<tr>
<td>Non-Operating</td>
<td>+ $0.00</td>
</tr>
</tbody>
</table>

Example: $5,494.04

Summary Stats

<table>
<thead>
<tr>
<th>Percentage Spent</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.66%</td>
</tr>
</tbody>
</table>
Monthly Burn Rate (Avg. TC)

This is the account’s monthly average spending from the date expenses were first charged to today (since the formula uses the current date there will always be a burn rate displayed even if there are no current expenses on the account). Please note the burn rate used on the Account and Root reports are not calculated in the same way as the Summary Stats, so they should not be compared.

The PI Dashboard uses milliseconds for the date comparison in this formula, which is complicated to calculate, so we’ll be using days in our example below (which gets you very close).

Helpful tip: To calculate the number of days between two dates you can enter the dates in excel and subtract them.

### Sponsored Accounts

**Formula**

\[
\frac{\text{Total Actual Expenses (incl. IDC)}}{\text{Number of months (from account start date to today)\}}
\]

**Numbers found on account card**

\[
\frac{\$334,681.70}{48.5^*} = \$6,900.65^{**}
\]

**Example**

*Nov 27, 2019 – Dec 3, 2015 = 1455 days / 30 days per month = 48.5 months*

**Summary Stats**

\[
\begin{align*}
\$6,899.50 \\
\text{Monthly Burn Rate (Avg TC)}
\end{align*}
\]

**Non-Sponsored Accounts**

**Formula**

\[
\frac{\text{Total Actual Expenses (incl. IDC)}}{\text{Number of months (Aug 1 of current HU FY to today)\}}
\]

**Numbers found on account card**

\[
\frac{\$25,978.57}{3.96^*} = \$6,560.24^{**}
\]

**Example**

* Nov 27, 2019 – Aug 1, 2019 = 118.75 days / 30 days in a month = 3.96 months*

**Summary Stats**

\[
\begin{align*}
\$6,560.52 \\
\text{Monthly Burn Rate (Avg TC)}
\end{align*}
\]

**As noted above since we are using days in our example and PI Dashboard uses milliseconds, the calculations will be close but not exact**.
Depletion Date at Current Spending
This is the date the account balance will be spent down to $0, using the monthly burn rate average since the account’s start date.

**Sponsored Accounts**

Formula

\[
\text{Account start date} + \frac{\text{Obligated Amount}}{\text{Monthly Burn Rate Avg. (TC)}} \times 30 \text{ days}
\]

Numbers found on account card & Summary Stats

<table>
<thead>
<tr>
<th>Obligated Amount</th>
<th>Account Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>$686,731.00</td>
<td>7/1/2016</td>
</tr>
</tbody>
</table>

Summary Stats

- **$8,025.05**
- Monthly Burn Rate (Avg. TC)

* Using excel can be helpful here \((686,731 / 8,025.05) \times 30 = 2,567.02 \)
  adding that number to the date 7/1/2016 in excel gives you 7/12/2023

Example

July 1, 2016 + \((\frac{686,731}{8,025.05} \times 30 \text{ days}) = July 12, 2023 *

* Depletion Date at Current Spending

**Non-Sponsored Accounts**

Formula

\[
\text{Aug 1 current HU FY} + \frac{\text{Balance Forward} + \text{Income} + \text{NonOperating}}{\text{Monthly Burn Rate Avg. (TC)}} \times 30 \text{ days}
\]

Numbers found on account card & Summary Stats

<table>
<thead>
<tr>
<th>Balance Forward</th>
<th>Income</th>
<th>Non-Operating</th>
</tr>
</thead>
<tbody>
<tr>
<td>$164,375.43</td>
<td>+ $1,500.00</td>
<td>+ $329.17</td>
</tr>
</tbody>
</table>

Summary Stats

- **$600.08**
- Monthly Burn Rate (Avg. TC)

Example

Aug 1, 2019 + \((\frac{164,375.43+1,500+329.17}{600.08} \times 30 \text{ days}) = May 1, 2042 *

* Using excel can be helpful here \((164,375.43+1,500+329.17)/600.08 \times 30 \text{ days} = 8,309.12 \)
  adding that number to the date 8/1/2019 in excel gives you 5/1/2042. 