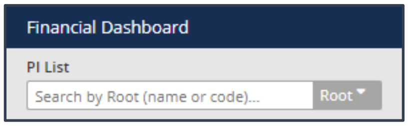
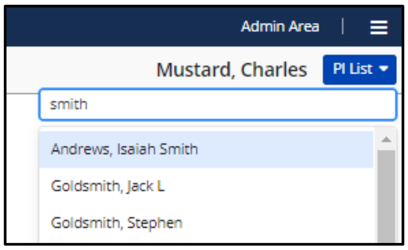
Navigate to Account Summary Stats

Go to the page for the Principal Investigator (PI)

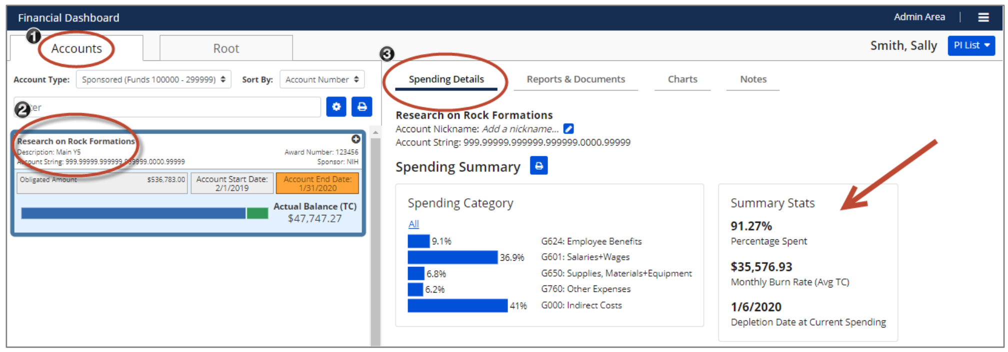
From the landing page:
search or select the PI's name



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

Account Summary Stats Calculations

Percentage Spent

This is the percentage spent on the account to-date. Below are the formula's used in the calculations.

Sponsored Accounts

Formula

$$\frac{\text{Total Actual Expenses (incl. IDC)} + \text{Committed Funds}}{\text{Obligated Amount}}$$

Numbers found on account card

Obligated Amount	$369,971.00
Total Actual Expenses (Incl. IDC)	- $334,681.70
Committed Funds	- $1,547.13

Example

$$\frac{\$334{,}681.70 + \$1{,}547.13}{\$369{,}971} = 90.88\%$$

Summary Stats

90.88%

Percentage Spent

Non-Sponsored Accounts

Formula

$$\frac{\text{Total Actual Expenses (incl. IDC)}}{\text{Balance Forward} + \text{Income} + \text{Non Operating}}$$

Numbers found on account card

Balance Forward	$100,000.00
Income	+ $50,000.00
Expense	- $5,494.04
Non-Operating	+ $0.00

Example

$$\frac{\$5{,}494.04}{\$100{,}000 + \$50{,}000 + \$0} = 3.66\,\%$$

Summary Stats

3.66%

Percentage Spent

Account Summary Stats Calculations

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).

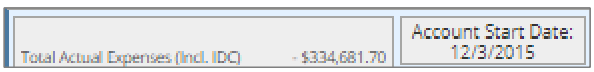
Helpful tip: To calculate the number of days between two dates you can enter the dates in excel and subtract them.

Sponsored Accounts

Formula

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

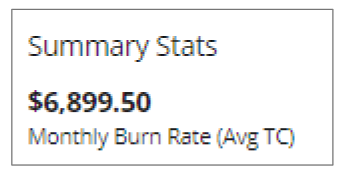
Numbers found on account card



Example

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

*Nov 27, 2019 – Dec 3, 2015 = 1455 days / 30 days per month = 48.5 months
** As noted above since we are using days in our example and PI Dashboard uses milliseconds, the calculations will be close but not exact.



Non-Sponsored Accounts

Formula

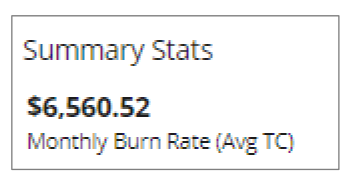
$$\frac{\text{Total Actual Expenses (incl. IDC)}}{\text{Number of months (Aug 1 of current HU FY to today)}}$$

Numbers found on account card

Example

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

* Nov 27, 2019 – Aug 1, 2019 = 118.75 days / 30 days in a month = 3.96 months
** As noted above since we are using days in our example and PI Dashboard uses milliseconds, the calculations will be close but not exact.



Account Summary Stats Calculations

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

Obligated Amount	$686,731.00	Account Start Date: 7/1/2016

Summary Stats
$8,025.05
Monthly Burn Rate (Avg TC)

Example

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

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

Summary Stats
7/12/2023
Depletion Date at Current Spending

Non-Sponsored Accounts

Formula

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

Numbers found on account card & Summary Stats

Balance Forward	$164,375.43
Income	+ $1,500.00
Non-Operating	+ $329.17

Summary Stats
$600.08
Monthly Burn Rate (Avg TC)

Example

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

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

Summary Stats
5/1/2042
Depletion Date at Current Spending