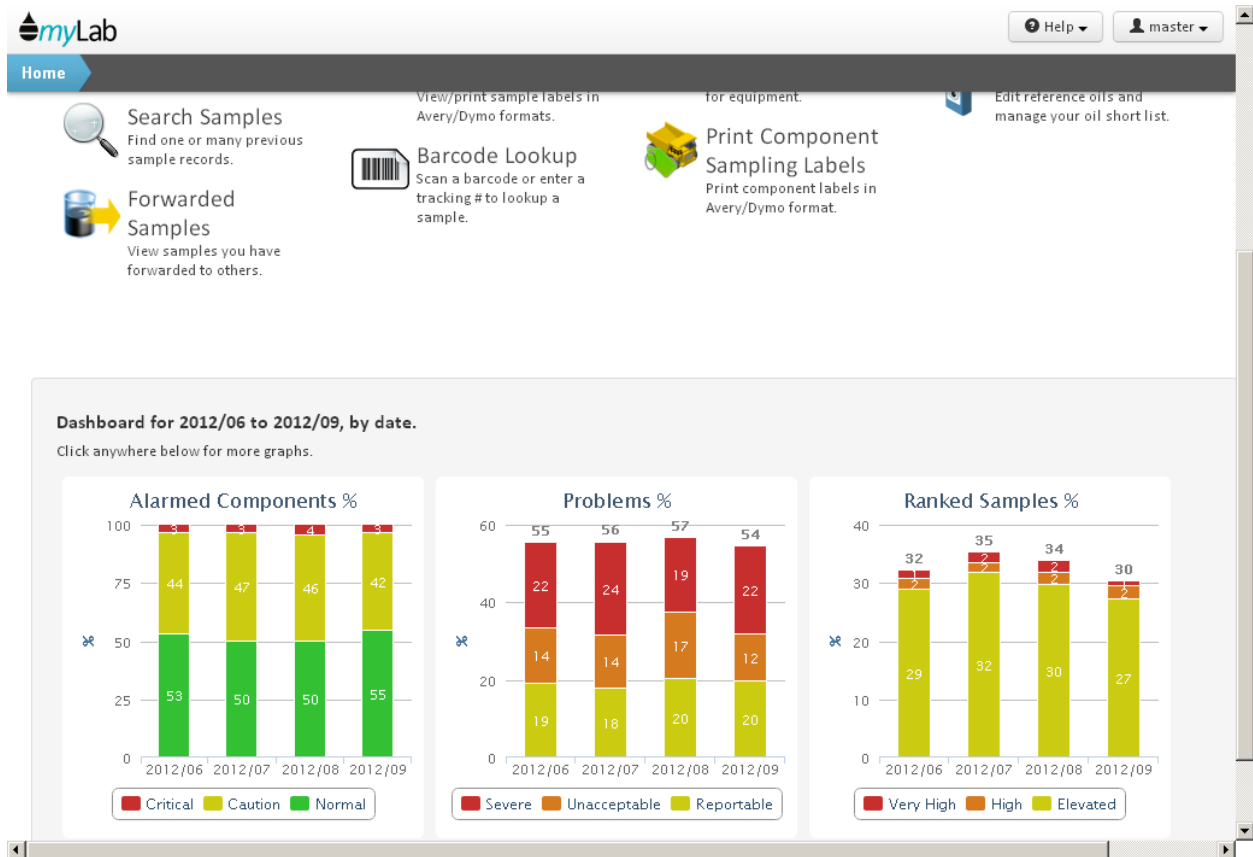# Using the Dashboard

The dashboard allows you to see, and drill into, important summary information about the health of your reliability solution.
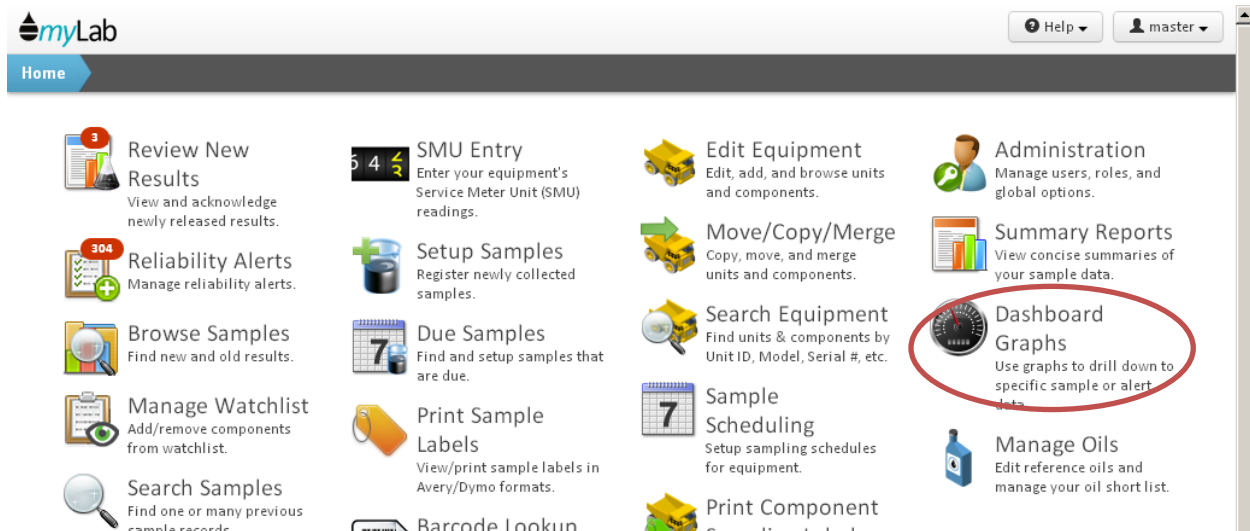
Opening the Dashboard:

You can see part of the dashboard on the home page down here.
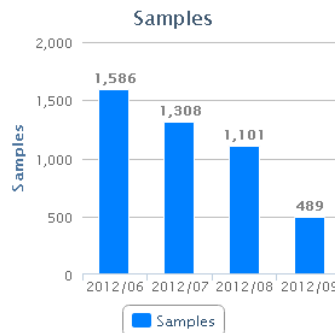

You can click anywhere on it to open the full dashboard.

You can also select the dashboard graphs task here.

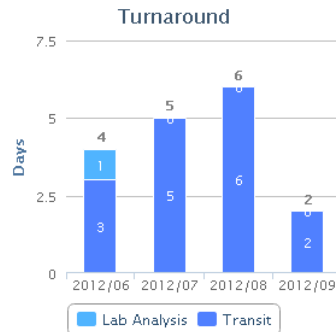There are several tabs in the dashboard. Each tab shows you up to six graphs.

Under the program health tab you have information on how many samples you've sent to the lab each month here.
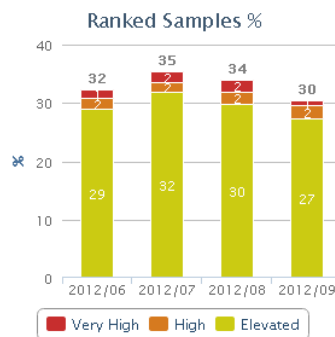

Next to that, you can see what percentage of those were missing some information the lab needs to provide the best results and interpretation.   A sample is considered missing information if the oil service, component service, oil changed, or oil type information is blank.
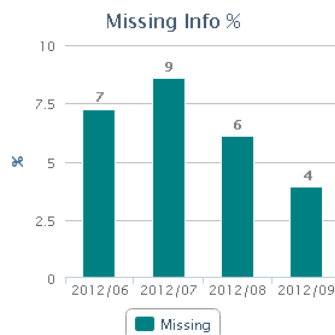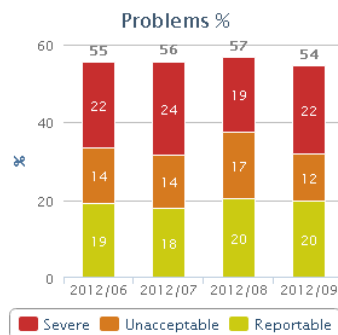
Over here you can see how long it takes for your results to be done. This is broken into two times. How long a sample takes to arrive at the lab from when it was taken, called the transit time. And how long the lab takes to analyze the samples, called lab analysis time.

Turnaround

	2012/06	2012/07	2012/08	2012/09
Total (Days)	4	5	6	2
Lab Analysis	1			
Transit	3	5	6	2

Legend: Lab Analysis, Transit

Up here you can see the percentage of your samples that are ranked above normal using Sample Rank.

Ranked Samples %

	2012/06	2012/07	2012/08	2012/09
Total (%)	32	35	34	30
Very High	2	2	2	
High	2	2	2	2
Elevated	29	32	30	27

Legend: Very High, High, Elevated

Next to that, you can see the percentage of samples that are problems by severity.

Problems %

	2012/06	2012/07	2012/08	2012/09
Total (%)	55	56	57	54
Severe	22	24	19	22
Unacceptable	14	14	17	12
Reportable	19	18	20	20

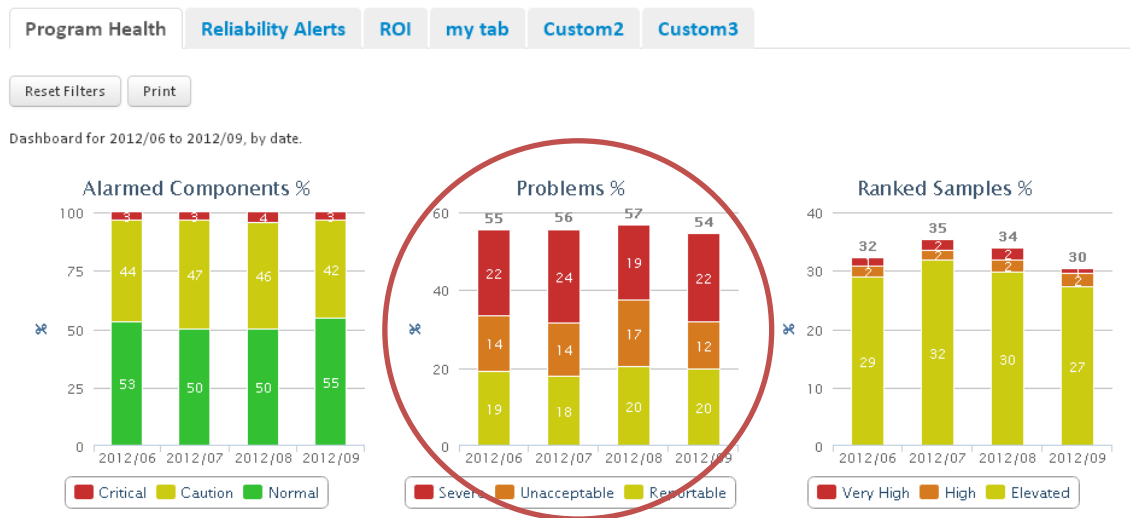Legend: Severe, Unacceptable, Reportable

In the upper left, you can see the percentage of components that are alarmed. A component is alarmed based on the Sample Rank score of the last three samples.
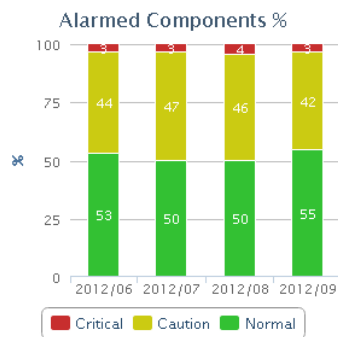
Drilling down into the information:

Let's find out where the problems are coming from. Click on the graph to open it.

You now get the graph in a bigger view and can control and filter the data.
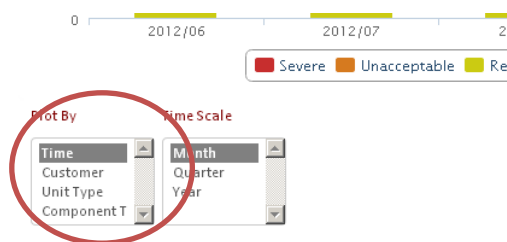

The time range bar up here lets you adjust the period of time shown. You can expand it further into the past by dragging the start marker.

You can also slide the range in time by dragging the range. The graph updates as soon as you let go of the mouse button.
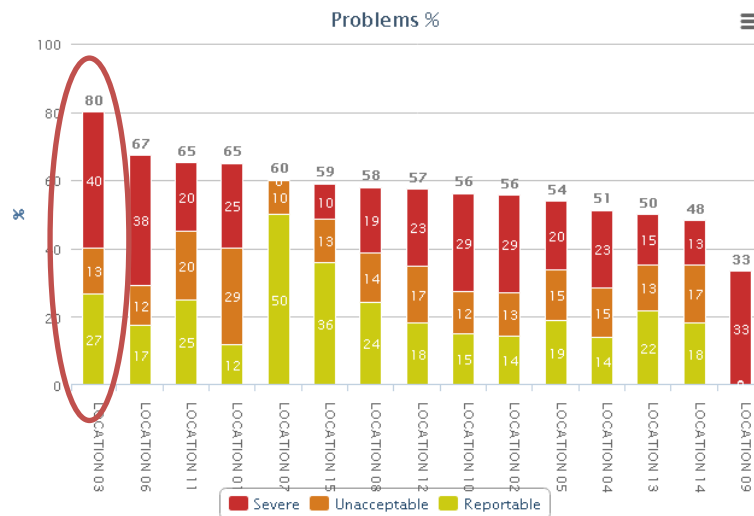

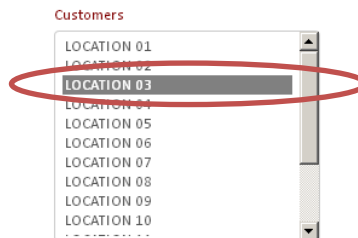To find which of your sites has the most problems, change the plot by here to site.

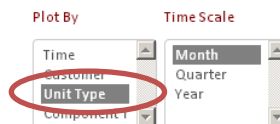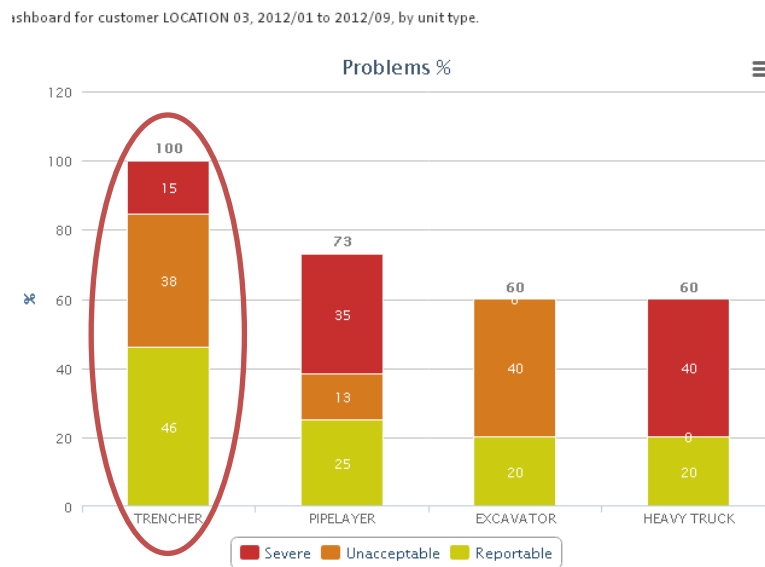Click on a bar to restrict the graph to that location.

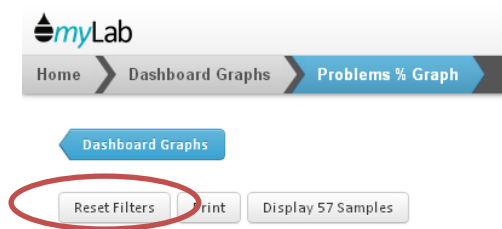You could also have selected that in the filter list here.

Now change the plot by to unit type.

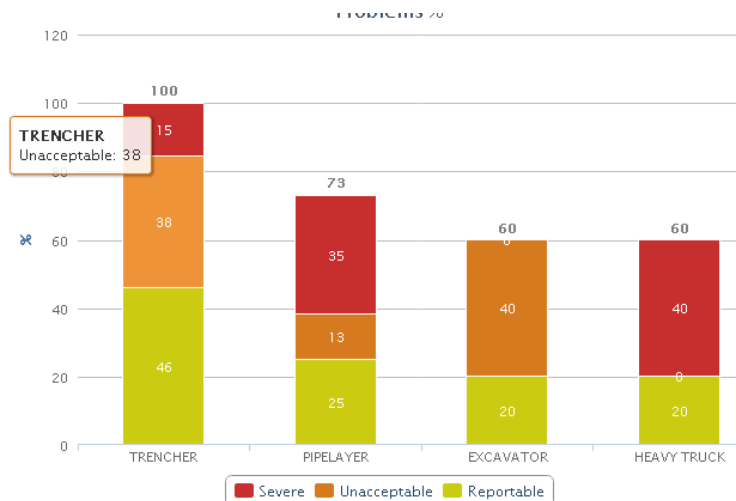And you can see that which type has the highest percentage of problems.

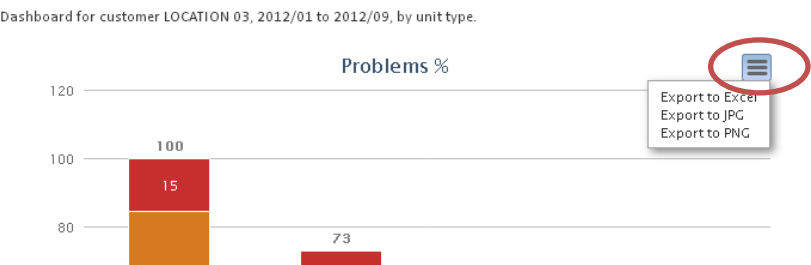Click the reset filters here to get back to the start.

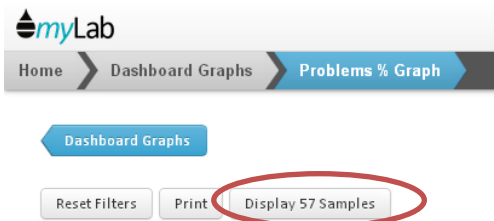Filters and plot changes you make here carry through to other graphs.

You can hover the mouse over a bar and get a pop up with the information.

By clicking here, you can export the graph data into Excel or the graph itself as an image.

You can view the samples you've filtered down to by clicking on this button here.

From here you can export the sample results to Excel.

Sample Results

Customer	Unit ID	Unit Type	Component ID	Component
LOCATION 03	PL719		ENGINE	ENGINE
LOCATION 03	PL831		ENGINE	ENGINE
LOCATION 03	PL929		ENGINE	ENGINE
LOCATION 03	PL929		FINAL DRIVE	FINAL DRI
LOCATION 03	PL838		FINAL DRIVE	FINAL DRI
LOCATION 03	PL925		FINAL DRIVE	FINAL DRI
LOCATION 03	PL925		FINAL DRIVE	FINAL DRI
LOCATION 03	PL838		FINAL DRIVE	FINAL DRI
LOCATION 03	PL929		FINAL DRIVE	FINAL DRI
LOCATION 03	PL929		HYDRAULIC	TRANSMIS
LOCATION 03	PL925		PUMP DRIVE	PUMP DRI

Export Data to Excel

Or click on one to view the results in myLab.

Sample Results

| Customer	Unit ID	Unit Type	Component ID	Component T
LOCATION 03	PL719		ENGINE	ENGINE
LOCATION 03	PL831		ENGINE	ENGINE
LOCATION 03	PL929		ENGINE	ENGINE
LOCATION 03	PL929		FINAL DRIVE	FINAL DRI
LOCATION 03	PL838		FINAL DRIVE	FINAL DRI
LOCATION 03	PL925		FINAL DRIVE	FINAL DRI
LOCATION 03	PL925		FINAL DRIVE	FINAL DRI
LOCATION 03	PL838		FINAL DRIVE	FINAL DRI
LOCATION 03	PL929		FINAL DRIVE	FINAL DRI
LOCATION 03	PL929		HYDRAULIC	TRANSMIS
LOCATION 03	PL925		PUMP DRIVE	PUMP DRI

⬇ Export Data to Excel
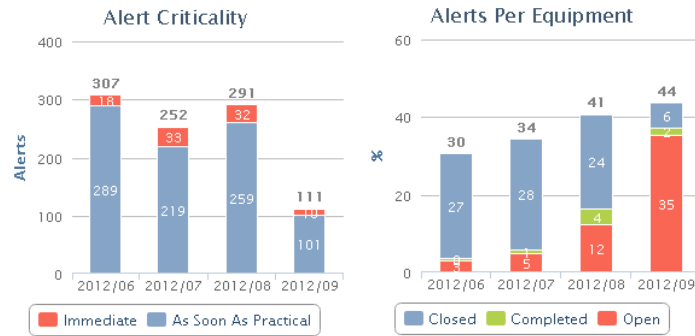
Reliability alerts tab:

Here you can see summary information on your alerts. You can see how many alerts you've got.
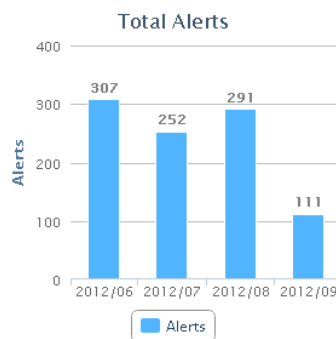
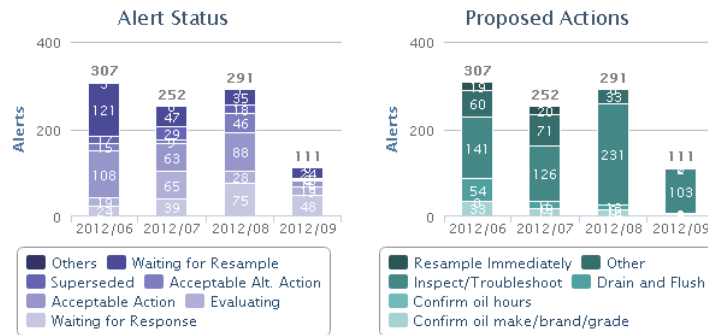How many are open, completed and closed.
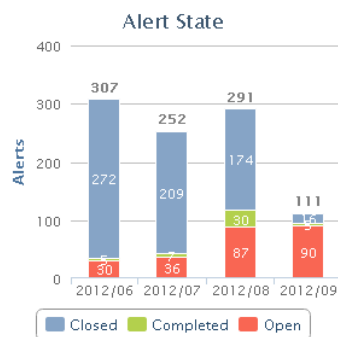
Their criticality and the ratio of alerts per equipment.

You'll only have alert and ROI data if you've been creating alerts or have a condition assessment and reliability evaluation program from Fluid Life.

A program is also need for there to be information in the alert status and proposed actions graphs.
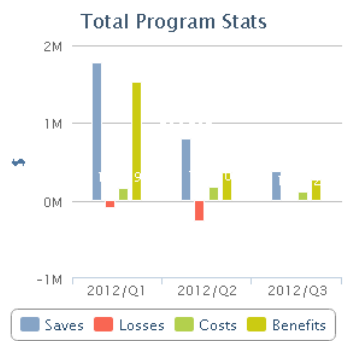

ROI tab:

Under the ROI tab are graphs tracking the benefits of your reliability program. This graph shows you the return on your Fluid Life reliability program.
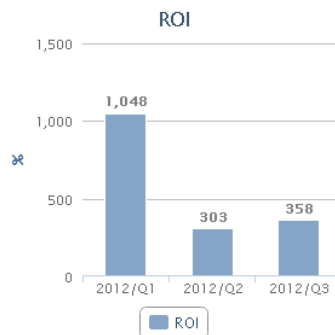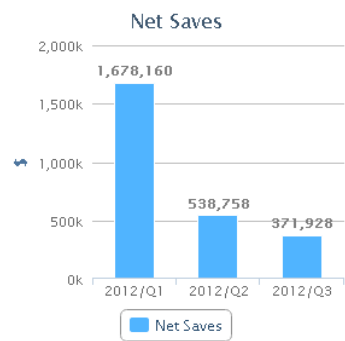
The total program stats shows you a breakdown of saves, losses, costs and benefits. If you don't have a Fluid Life reliability program the costs won't be available.
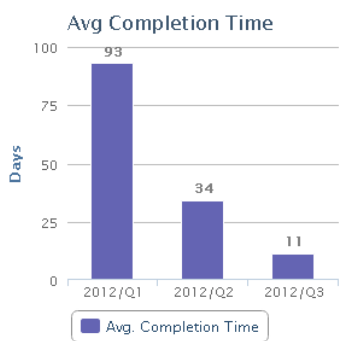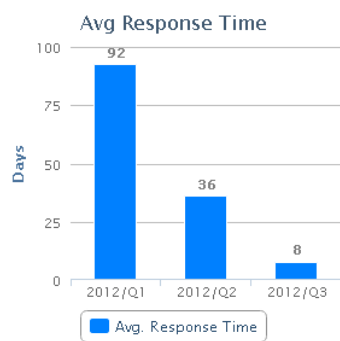
Total Program Stats

You can track losses by issuing an alert and entering a negative cost savings.

The net saves graph is showing you the saves minus the losses.

Net Saves

The bottom three graphs show the time it's taking people to respond to alerts, to complete them and to close them.

Avg Response Time

Avg Completion Time

Avg Resolution Time

MyLab remembers which tab you were on last and displays the top three graphs from that tab on the home page for you, like so.
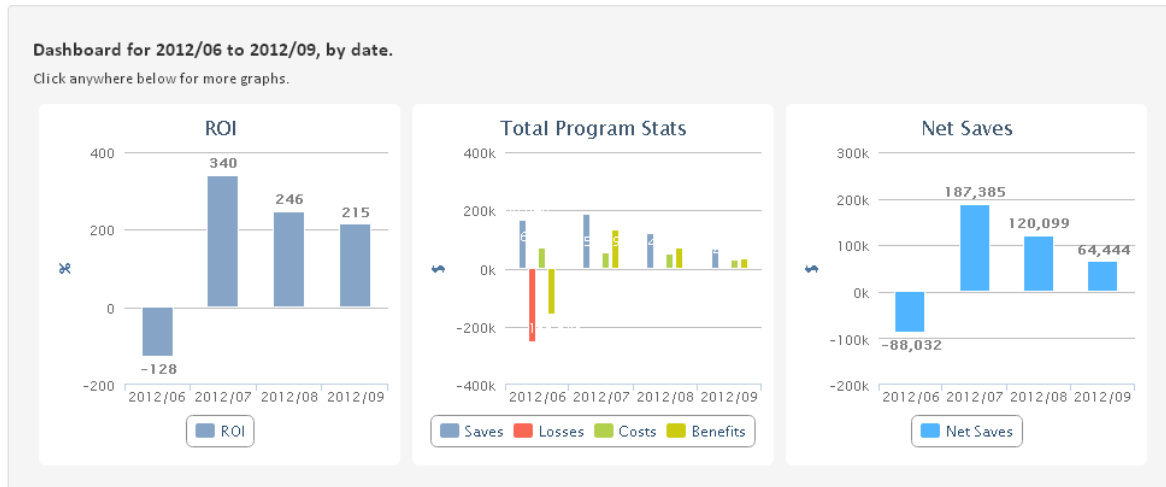

MyLab updates the data every night, and also adjusts the default time range to show the most recent few months of data, so you're always looking at current information.