



API DataDashboard allows you to view your site's proficiency testing performance over the six most recent test events, including:

- Trending data by analyte
- Percentage of acceptable results compared to all API participants
- Failure count by test event
- Analytes with unsatisfactory, unsuccessful, and repeat unsuccessful performance

Accessing API DataDashboard






1. Click **Log In**
2. Click **Paperless Proficiency Testing**
3. Enter your *individual site's* **User ID and password**
4. Click **Log in to Paperless Proficiency Testing**
5. Click **API DataDashboard**

6. Open the **Discipline** drop-down menu to select the discipline you wish to view (e.g., **Chemistry**).
 - a. The **Chemistry** discipline includes **Chemistry-Core** and **Chemistry-Miscellaneous** categories.
 - b. The **Microbiology** discipline includes the **Microbiology** and **Mycobacteriology** categories.







Navigating API DataDashboard – Basics






- **Graphs**

| | |
|---|---|
|  | Reset: Click to reset the graph to its original view. |
|  | Help: Click to view a brief explanation of the displayed data and how to access additional information on the graph. |
|  | Collapse: Click to collapse the graph so that only the heading is visible. |
|  | Expand Graph Panel: Click to view the full graph (if it has been collapsed). |
|  | Zoom In + Zoom Out: Use the scroll wheel on your mouse or trackpad to zoom in or out on the graph. |

- **Analyte Performance Panels**



| | |
|---|--|
|  | Help: Click to view the definition for each performance category and how to access additional information on the listed analytes. |
|  | Collapse: Click to collapse the selected panel so that only the heading is visible. |
|  | Expand Performance Panel: Click to view the performance panel (if it has been collapsed). |
|  | Expand Group: Click to expand the CMS Specialty/Sub-Specialty to view individual analyte information for the selected Discipline . |

- **SDI Performance and Trending Analysis**

| | |
|---|---|
|  | Load Graphs: Click to view the <u>Proficiency Testing</u> SDI Performance and Trending Analysis graphs for each analyte. <i>It may take a few moments for the proficiency information to load.</i> |
|  | Show Verification: Click to view the <u>Verification Testing</u> SDI Performance and Trending Analysis graphs for each analyte. <i>It may take a few moments for the verification information to load.</i> |
|  | Reset: Click to reset the panel to its original view. |
|  | Help: Click to view a brief explanation of the displayed data and how to access additional information on the graph. |
|  | Collapse: Click to collapse the panel so that only the heading is visible. |



• **Export Evaluation Data**

| | |
|---|---|
|  | Help: Click to view a brief explanation of the feature and what information is included with each export option. |
|  | Collapse: Click to collapse the panel so that only the heading is visible. |

• **Customize Page View/Print Screen**

- API DataDashboard allows you to customize your view:
 - Click-and-drag the graph or panel heading to move it to your desired location.
 - Graphs will automatically resize if moved to the right-hand side of the screen.
- At any time, you may click **Print** in the top right-hand corner of the page to print the information shown on the screen.

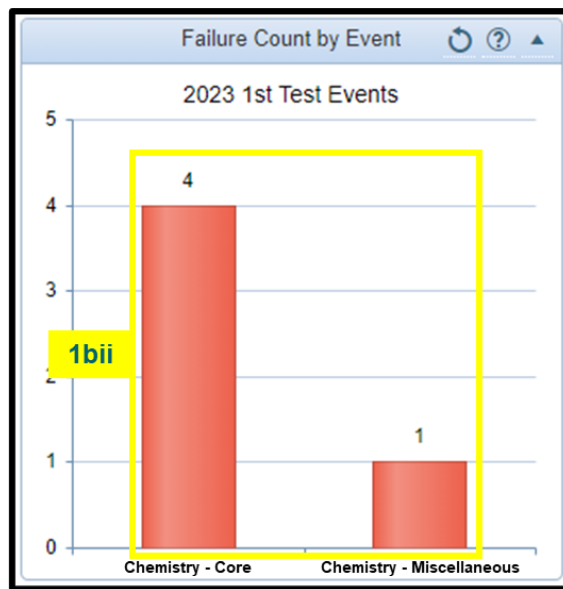
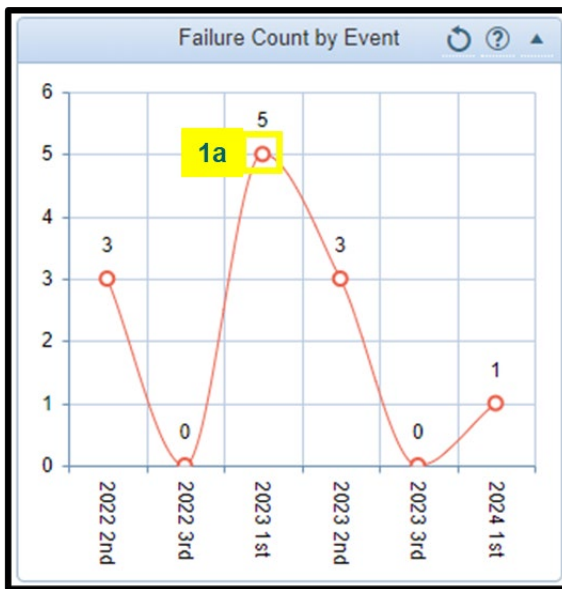
Navigating API DataDashboard – Sections

Once a Discipline is selected, seven sections will appear with your site’s performance data.





1. **Failure Count by Event** – This graph shows the number of failures for the selected **Discipline**, for each of the past six events.
 - a. Click a data point to view additional information.
 - b. If you have selected the **Chemistry** or **Microbiology Discipline**:
 - i. If the failures in that discipline were from *one category only* (see 6a and 6b on page 1 for list of categories), the **Failures Summary** will open. **Skip to 1c.**
 - ii. If the failures in that discipline were from *two categories* (see 6a and 6b on page 1 for list of categories), a bar chart will open showing the breakdown for *each category*. **Click the bar for the desired category** to open the **Failures Summary**.



- c. The **Failures Summary** for the event will open. Follow the on-screen prompts to print the screen or view the full performance summary. You may also click on a percentage to see the Comparative Evaluation information for the selected analyte.

1c Failures Summary for Test Hospital (#####)

2023 Chemistry - Core - 1st Event

This is an interactive version of the Failures Summary which allows you to quickly analyze problems. Click on one of the scores to see more detail.

Report Part 2 of 4

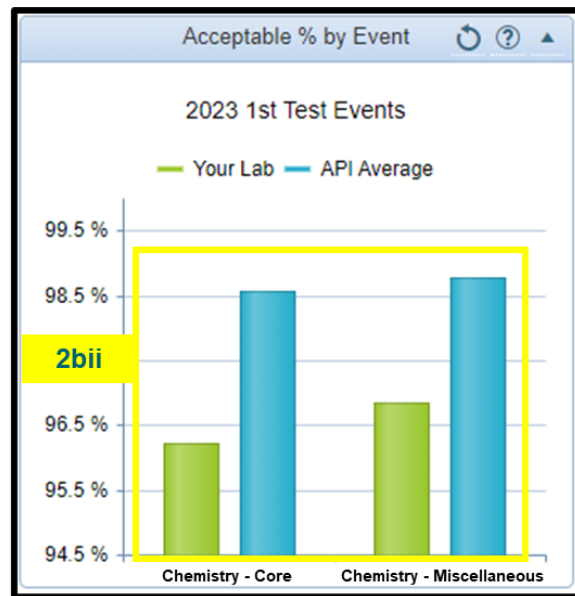
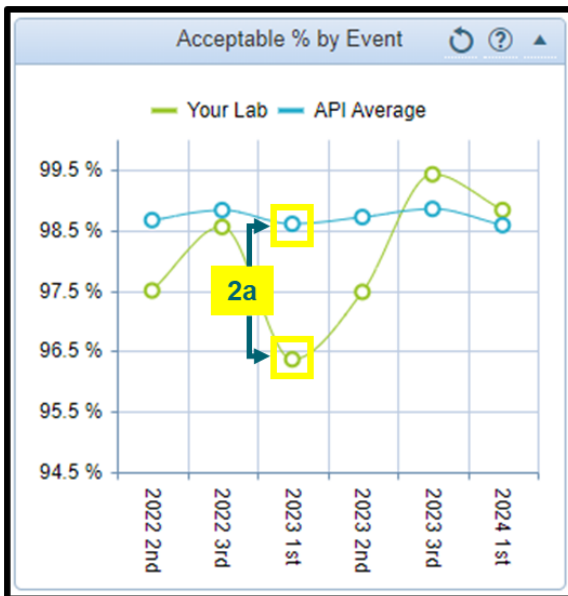
[PRINT THIS SCREEN](#) [VIEW FULL PERFORMANCE SUMMARY](#)

| CHEMISTRY (Endocrinology) | 2022 2nd | 2022 3rd | 2023 1st | 2023 1st Notes |
|---------------------------|----------|----------|----------|----------------|
| Free T3 | 80% | 100% | ✓ 60% | |

| CHEMISTRY (Toxicology) | 2022 2nd | 2022 3rd | 2023 1st | 2023 1st Notes |
|------------------------|----------|----------|----------|----------------|
| Phenobarbital** | 100% | 100% | ✓ 80% | |
| Salicylates | 100% | 100% | ✓ 80% | |
| Valproic Acid** | 100% | 100% | ✓ 80% | |



- 2. **Acceptable % by Event** – This graph shows the percentage of your site’s acceptable results compared to the average acceptable % of all API participants, for the selected **Discipline**, for each of the past six events.
 - a. Click a data point to view additional information.
 - b. If you have selected the **Chemistry** or **Microbiology** Discipline:
 - i. If your site orders programs from *one category only* (see 6a and 6b on page 1 for list of categories), the **Comparative Evaluation** will open. **Skip to 2c for details.**
 - ii. If your site orders programs from *two categories* (see 6a and 6b on page 1 for list of categories), a bar chart will open showing the percentages for *each category*. **Click the bar for the desired category** to open the **Comparative Evaluation**.



- c. The **Comparative Evaluation** for the event will open. Follow the on-screen prompts to print the screen, print the evaluation (as a PDF), or view the grading criteria. You may also click on View under the Statistics column to view additional information about your result and peer group.

2c Comparative Evaluation for Test Hospital (#####)

2023 Chemistry - Core - 1st Event (Kit #1)

This is an interactive version of the Comparative Evaluation which allows you to quickly analyze your graded test results, look at grading criteria, and view statistics. If you are unfamiliar with this report, please see [How to Interpret this Report](#).

Report Part 3 of 4

[PRINT THIS SCREEN](#) [PRINT EVALUATION \(PDF\)](#) [VIEW GRADING CRITERIA](#)

CHEMISTRY (ENDOCRINOLOGY)

Free T3 (pg/mL)
Beckman UniCel Dx1 / Beckman Access reagent

| Sample | Reported Result | Expected Result | Mean | SD | SDI | Grade | Statistics |
|--------|-----------------|-----------------|------|------|------|--------------|----------------------|
| CH-01 | 2.3 | 2.1 - 3.4 | 2.75 | 0.28 | -1.8 | Acceptable | View |
| CH-02 | 2.2 | 2.0 - 3.1 | 2.58 | 0.25 | -1.5 | Acceptable | View |
| CH-03 | 4.1 | 4.4 - 6.0 | 5.22 | 0.38 | -2.9 | Unacceptable | View |
| CH-04 | 2.9 | 3.2 - 4.3 | 3.75 | 0.27 | -3.1 | Unacceptable | View |
| CH-05 | 4.8 | 4.1 - 5.4 | 4.71 | 0.3 | -0.4 | Acceptable | View |



3. **Analytes with Unsatisfactory Performance** – Analytes in this section have only had **one** test event with a score below 80% (100% for ABO Group, D (Rh) Typing, Unexpected Antibody Detection, and Compatibility). If another failure occurs in **one of the next two consecutive events**, the analyte will transition to the *Unsuccessful Performance* category.
 - a. Click **Expand** for each CMS Specialty/Sub-Specialty to view individual analyte information, including analyte name, selected peer group, and *most recent event* where a failure took place.
 - b. Click on any field in the row to open the **Failures Summary** for the selected event. See 1c for details on navigating the Failures Summary.

| Analytes with unsatisfactory performance | | |
|--|--|--|
| 3a CHEMISTRY (Endocrinology): 1 | | |
| Thyroxine ** | Beckman UniCel Dxl 600, 800 / Beckman Access reagent | 2024 Chemistry - Core - 1st Event |
| 3b CHEMISTRY (Routine Chemistry): 1 | | |
| CSF Total Protein | Beckman UniCel DxC 600, 800 / Beckman Synchron M-TP (CSF,ur) | 2023 Chemistry - Miscellaneous - 2nd Event |

4. **Analytes with Unsuccessful Performance** – Analytes in this section have had **two or more test events** (*out of the last three events*) with scores below 80% (100% for ABO Group, D (Rh) Typing, Unexpected Antibody Detection, and Compatibility).
 - a. Click **Expand** for each CMS Specialty/Sub-Specialty to view individual analyte information, including analyte name, selected peer group, and *most recent event* where a failure took place.
 - b. Click on any field in the row to open the **Failures Summary** for the selected event. See 1c for details on navigating the Failures Summary.

| Analytes with unsuccessful performance | | |
|--|---|--|
| 4a CHEMISTRY (Routine Chemistry): 1 | | |
| Urine Creatinine | Beckman UniCel DxC 600, 800 / Biosystem reagent | 2023 Chemistry - Miscellaneous - 1st Event |

5. **Analytes with Repeat Unsuccessful Performance** – Analytes in this section have had scores below 80% for **two test events, twice in the last six test events** (100% for ABO Group, D (Rh) Typing, Unexpected Antibody Detection, and Compatibility).
 - a. Click **Expand** for each CMS Specialty/Sub-Specialty to view individual analyte information, including analyte name, selected peer group, and *most recent event* where a failure took place.
 - b. Click on any field in the row to open the **Failures Summary** for the selected event. See 1c for details on navigating the Failures Summary.

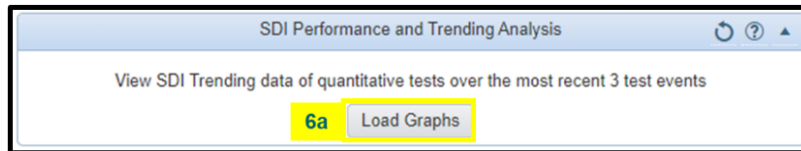
| Analytes with repeat unsuccessful performance | | |
|---|---|-----------------------------------|
| 5a CHEMISTRY (Routine Chemistry): 1 | | |
| Lipase | Beckman UniCel DxC 600, 800/Beckman Synchron Liquid LIP | 2023 Chemistry - Core - 3rd Event |

6. **SDI Performance and Trending Analysis** – These graphs represent performance on quantitative tests for the three most recent test events. The dots represent the SDI of the results (number of

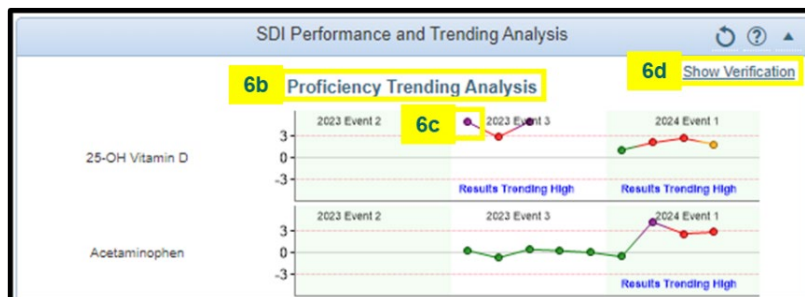


Standard Deviations from the Comparison Group Mean) on each sample tested. Please note that grading for many analytes is not based on SD so **these graphs do not represent grading of results**. Instead, they show results in relation to other labs in the same peer group.

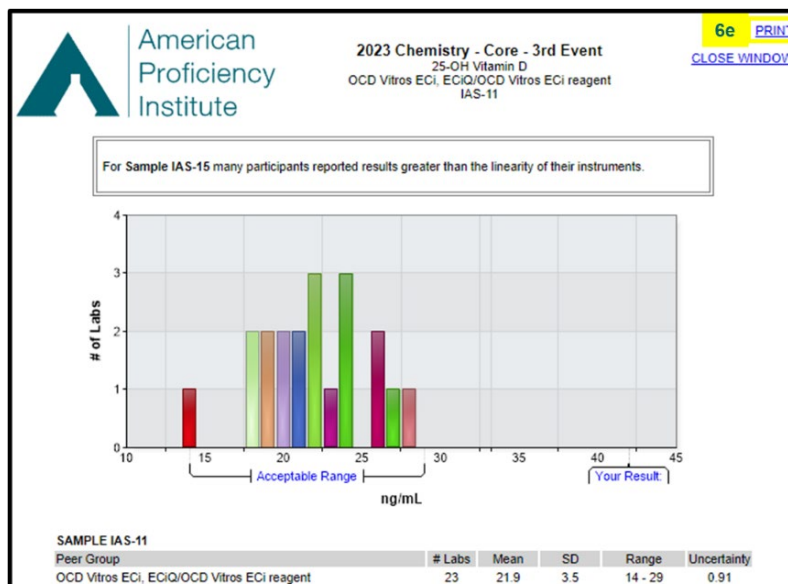
- a. Click **Load Graphs**. *It may take a few moments for the graphs to load.*



- b. The **SDI Performance** graphs will load. Each graph corresponds to the analyte listed to the left and includes data points for each Sample ID# for the displayed event.
 - i. **Note:** Data is included only for *reported results/events*. Data may be missing if a site fails to participate or if the program was not ordered for the displayed event.
- c. Click a **data point** to view statistics for a specific analyte, Sample ID#, and event.
- d. Click **Show Verification** to view the graphs for verification program data (if applicable to your site).



- e. Once a data point is selected, the statistics will open in a new browser window. Click **Print** in the top right-hand corner to print the displayed statistics.

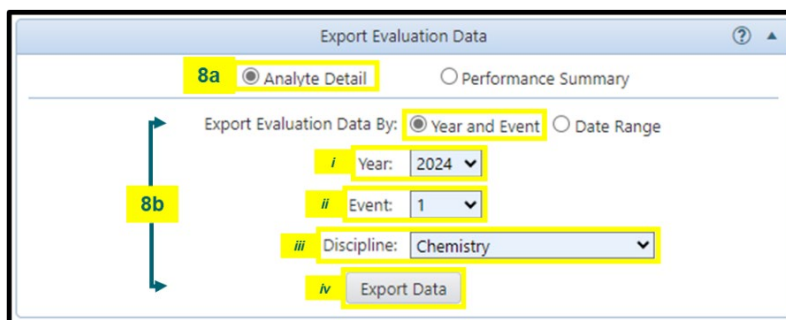




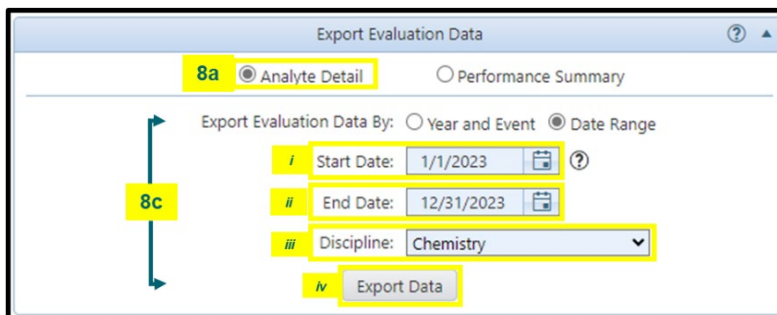
7. **Export Evaluation Data** – This section allows you to filter and export your site’s evaluation data to a CSV file. There are two types of reports available for selection.
 - a. *Analyte Detail* – This report exports comparative evaluation data (e.g., reported result, expected result, mean, SDI) for each reported analyte and sample.
 - b. *Performance Summary* – This report exports performance summary data (e.g., number of acceptable results, number of total results, performance/grade).



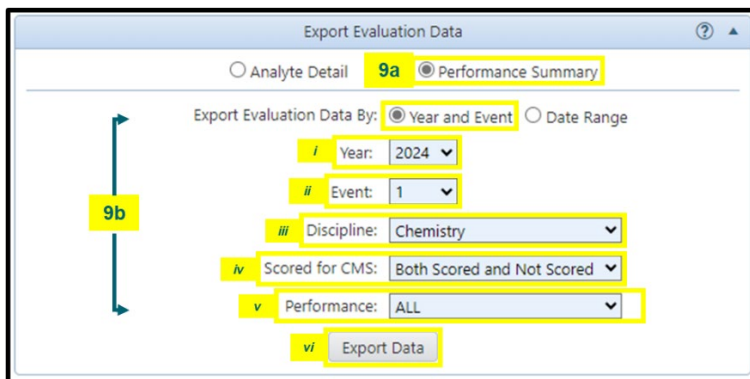
8. **Analyte Detail** – To download this report:
 - a. Click **Analyte Detail**
 - b. Click **Year and Event** to export data based on a selected year, event, and discipline (e.g., 2024, 1st Event, Chemistry).
 - i. Select **Year**
 - ii. Select **Event**
 - iii. Select **Discipline**
 - iv. Click **Export Data**



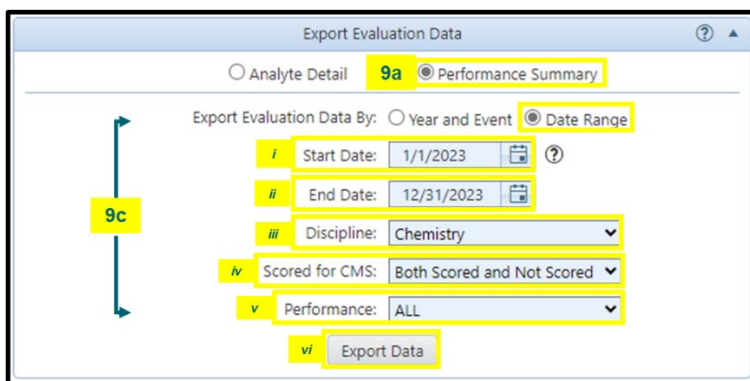
- c. Click **Date Range** to export data occurring between a selected start date and end date (e.g., all data between 1/1/23 and 12/31/23).
 - i. Select **Start Date**
 - ii. Select **End Date**
 - iii. Select **Discipline**
 - iv. Click **Export Data**



9. **Performance Summary** – To download this report:
- Click **Performance Summary**
 - Click **Year and Event** to export data based on a selected year, event, and discipline (e.g., 2024, 1st Event, Chemistry).
 - Select **Year**
 - Select **Event**
 - Select **Discipline**
 - Select **Scored for CMS**
 - Select **Performance**
 - Click **Export Data**



- Click **Date Range** to export data occurring between a selected start date and end date (e.g., all data between 1/1/23 and 12/31/23).
 - Select **Start Date**
 - Select **End Date**
 - Select **Discipline**
 - Select **Scored for CMS**
 - Select **Performance**
 - Click **Export Data**



- Note:** On the Performance Summary report, the Cumulative Performance column is based on scores over six test events. If scores for six events are not available, the performance will be listed as **N/A**.