



Insights

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1. Insights

PULSE Insights bring you actionable data to support your herd management decisions related to animal health, reproduction success, and feeding efficiency. You can find this feature under the [main menu bar](#).

See the topics below to learn more:

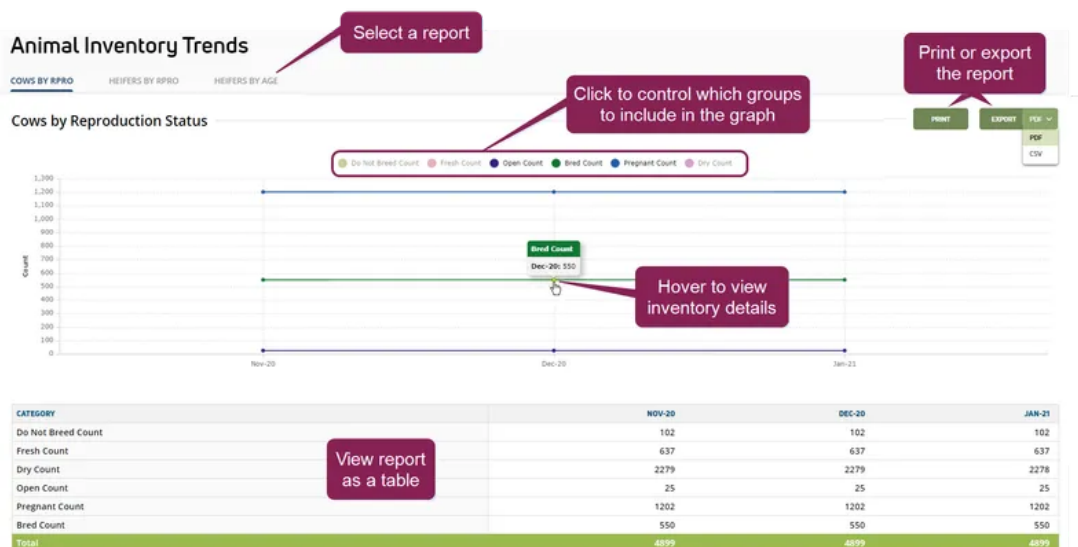
- [Animal Inventory Trends](#)
- [HealthVAL](#)
 - [Customize HealthVAL](#)
 - [View HealthVAL Reports](#)
- [Reproduction Insights](#)
 - [Overview](#)
 - [Conception Rate](#)
 - [Pregnancy Risk](#)
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 - [Build Views](#)
- [Insights Settings](#)

1.1. Animal Inventory Trends

✓ Required Permissions

To use this feature, your VAS PULSE Platform user account must be assigned to a Role with Herd Read permissions. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

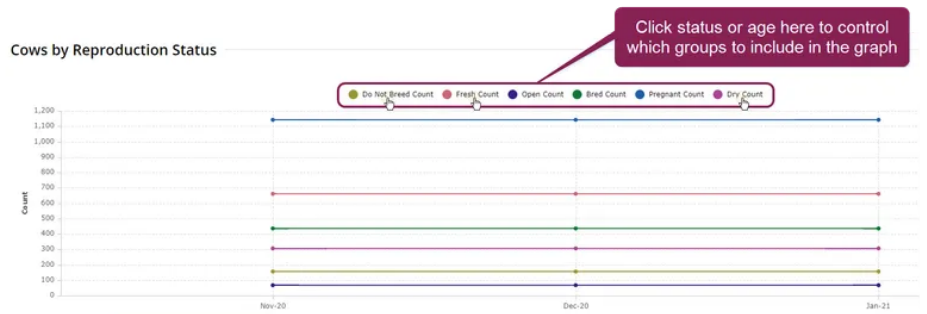
The Animal Inventory Trends report provides a visual representation of recent animal inventory changes for cows and heifers by reproduction status, as well as heifers by [age](#).



You can find this feature under the [Insights menu](#).

Use the following guidelines when viewing your Animal Inventory Trends:

- Click on the tabs to select one of three reports:
 - Cows by [RPRO](#)
 - Heifers by RPRO
 - Heifers by Age
- By default, the reports show up to 12 months of data.
- Hover over the graph to view animal count details by month.
- Click the animal groups in the key to control which animal groups are included:



- Cows by RPRO status key:

● Do Not Breed Count
 ● Fresh Count
 ● Open Count
 ● Bred Count
 ● Pregnant Count
 ● Dry Count

- Heifers by RPRO status key:

● Do Not Breed Count
 ● Heifer Calf Count
 ● Open Count
 ● Bred Count
 ● Pregnant Count
 ● Dry Count

- Heifers age key:

● 0-3 Months
 ● 4-6 Months
 ● 7-12 Months
 ● 12+ Months

- View your animal inventory data by month in a table below the graph.
- Print or export your report in one of two formats: PDF and CSV.

1.2. HealthVAL

✓ Required Permissions

To use this feature, your VAS PULSE Platform user account must be assigned to a Role with Herd Configuration permissions. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

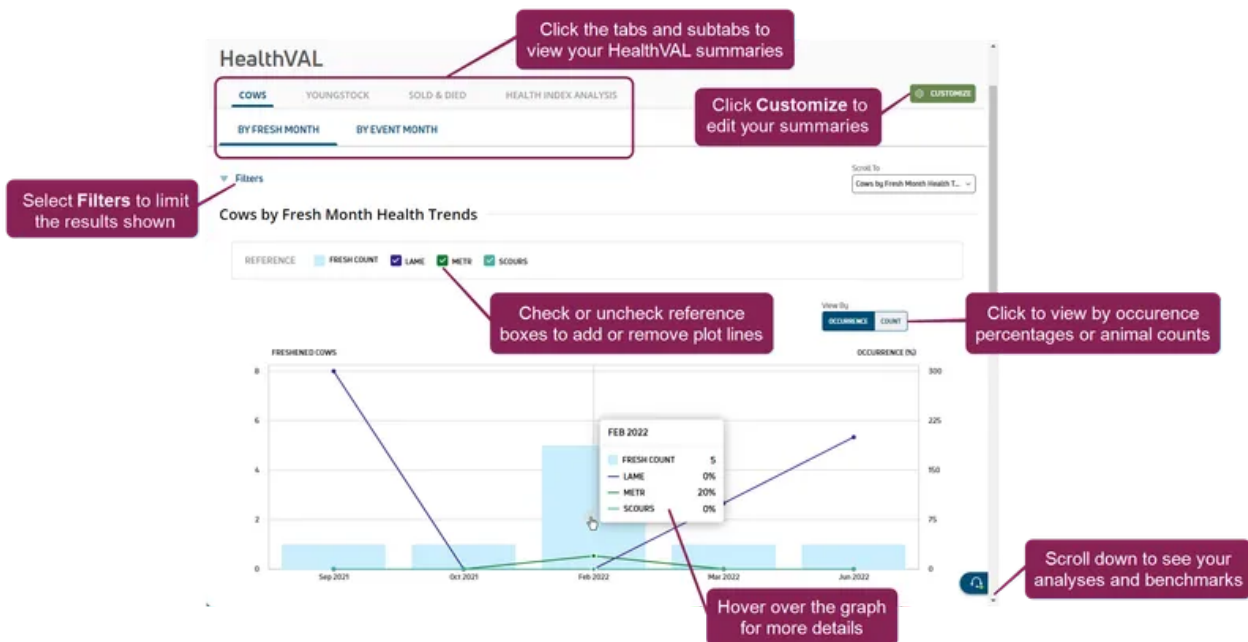
✓ [Click here for a video tutorial on this feature!](#)

08:40

The VAS HealthVAL Insights report provides visibility into the diseases affecting your herd and allows you to compare your herd health events to customized benchmarking categories, including local dairies and dairies of similar size. At a glance, you can assess your herd's events and gather insights into the best areas to focus on for improvement.

By tracking and examining health events for your herd, you can implement new strategies and protocols for avoiding or treating specific illnesses. Over time, you can lower treatment and production loss costs, and have fewer milk and beef withholds. You can find this feature under the [Insights menu](#).

First, [Customize HealthVAL](#) to select which events to include and set your herd's profile for benchmarking purposes. Then, [View HealthVAL Reports](#) and begin your analysis!



See the topics below to learn more:

- [Customize HealthVAL](#)
- [View HealthVAL Reports](#)
 - [Cows](#)
 - [Cow Event Analysis](#)
 - [Youngstock](#)
 - [Sold & Died](#)
 - [Health Index Analysis](#)

1.2.1. Customize HealthVAL

✓ Required Permissions

To use this feature, your VAS PULSE Platform user account must be assigned to a Role with Herd Configuration permissions. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

Click the **Customize** button on the HealthVAL page to access event and benchmarking options.

The screenshot shows the HealthVAL interface. On the left, there's a 'Cows by Fresh Month Health Trends' chart. The main area is the 'Customize Summaries' modal, which has tabs for 'COW EVENTS', 'HEIFER EVENTS', and 'BENCHMARK SETTINGS'. The 'COW EVENTS' tab is active, showing a table of events with columns: EVENT, STANDARD EVENT, GAP, THRESHOLD, TOTAL COST PER EVENT, and EVENT COUNT. The table lists various events like MAST, PNEU, LAME, RP, KETOSIS, MF, DA, CULTURE, MEASURE, VACC, DIARRHEA, CYSTIC, and OVSYNCH. Each event has a checkbox, a standard event name, a gap value, a threshold, a total cost per event, and an event count. A callout box points to the 'CUSTOMIZE' button on the HealthVAL page with the text 'Click Customize to edit your summaries'.

EVENT	STANDARD EVENT	GAP	THRESHOLD	TOTAL COST PER EVENT	EVENT COUNT
☒ MAST	MAST	0	-	\$0	79 of 3436
☒ PNEU	PNEU	0	-	\$	4 of 3436
☒ LAME	LAME	0	-	\$	31 of 3436
☒ RP	RP	0	-	\$	49 of 3436
☒ KETOSIS	KETOSIS	0	-	\$	12 of 3436
☒ MF	MF	0	-	\$	29 of 3436
☒ DA	DA	0	-	\$	11 of 3436
☐ CULTURE	CULTURE	0	-	\$	2 of 3436
☐ MEASURE	MEASURE	0	-	\$	1 of 3436
☒ VACC	VACC	0	-	\$	9 of 3436
☐ DIARRHEA	DIARRHEA	0	-	\$	1 of 3436
☐ CYSTIC	CYSTIC	0	-	\$0	7 of 3436
☐ OVSYNCH	OVSYNCH	0	-	\$	3708 of 3436

Expand the sections below to learn more:

✓ Set Cow and Heifer Events

Click the **Cow Events** or **Heifer Events** tab to set which diagnoses (events) to include in your Health Trend summaries and to edit event settings.

Customize Summaries

COW EVENTS | HEIFER EVENTS | BENCHMARK SETTINGS | [BACK TO SUMMARIES](#)

EVENT	STANDARD EVENT	GAP	THRESHOLD	TOTAL COST PER EVENT	EVENT COUNT	
☒ MAST			-	\$0	6 of \$436	Edit Event
☒ PRU			-	\$	4 of \$436	Edit Event
☒ LAME	LAME	0	-	\$	31 of \$436	Edit Event
☒ RP	RP	0	-	\$	49 of \$436	Edit Event
☒ KETOSIS	KETOSIS	0	-	\$	12 of \$436	Edit Event
☒ MF		0	-	\$	28 of \$436	Edit Event
☒ DA		0	-	\$	11 of \$436	Edit Event
☐ CULTURE	CULTURE	0	-	\$	2 of \$436	Edit Event
☐ MEASURE	MEASURE	0	-	\$	1 of \$436	Edit Event
☒ VACC	VACC	0	-	\$	9 of \$436	Edit Event
☐ DIARRHEA	DIARRHEA	0	-	\$	1 of \$436	Edit Event
☐ CYSTIC	CYSTIC	0	-	\$0	7 of \$436	Edit Event
☐ OVSYNCH	OVSYNCH	0	-	\$	3799 of \$436	Edit Event

LAME
Enter Lame event

36 | STANDARD EVENT LAME | TEAM - | GAP 0

This edit will impact in every place where this event is referred.

Status
Active Event ☒

Edit Event Information

Name* LAME 477 | Active Protocols Unassigned

State Unassigned | Gap (days) 0

Standard Event LAME | Threshold (d) 0

Total Cost per Event (\$) 0 | Color Preview LAME

Description Enter Lame event 16/39

Command ENTER #10-12 #10 #21

[RESET](#) [SAVE](#)

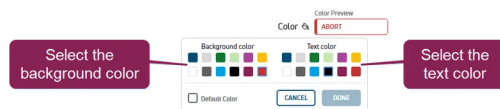
- Check the boxes for all events to include in your Cow or Heifer summaries.

NOTE: Cow events with a benchmark icon 🌐 have benchmark data available for comparison and further analysis. Benchmarks are not available for heifer events.

- To edit event settings, click the **Edit Event** option for that event. Then, use the side panel to adjust the settings as needed.

✓ Tips for Customizing Events

- Use colors to quickly identify event data in your summaries. Set the event color using the Color options:



- Set the Total Loss per Event (\$) values for each event carefully, as that value is used to calculate each animals' Health Index and cost data presented in your **Health Index Analysis** summary. Enter a total value that reflects your loss in revenue due to milk withholding, protocol treatment/testing costs, and vet bills and staff wages incurred for a single event.
- You can set the Threshold (%) for each event manually. The Threshold value is the expected or average occurrence of an event for your herd. This value is included in your **Cow Event Analysis** graphs as a red dashed line: ---- THRESHOLD .

See **Edit Event Definitions** for more information.

▼ Benchmark Settings

Click the **Benchmark Settings** tab to set your location, herd size range, and breed to compare your herd to similar herds.

Customize Summaries

COW EVENTS

HEIFER EVENTS

BENCHMARK SETTINGS

← BACK TO SUMMARIES

Select Country

United States

Clear Selection

Select State

Wisconsin

Clear Selection

Select Herd Size Range

From: 1000 To: 10000+

Select Breed: HOLSTEIN (H)

Clear Selection

Health Index Threshold

100

RESET

SAVE

Click to return to the summaries

PULSE collects health event data from other herds that fit the parameters of the benchmark settings, then calculates the average of the collected data to set benchmark values. The benchmark values are then used for cow summaries, making it easier to see if your herd has cow health trends that deviate from the benchmark data:

- Select your Country, State, Herd Size Range, and Breed. When viewing your summaries, cow graphs with a benchmark specify the number of dairies included in the benchmark basis below the graph.



▼ **Is my data secure?**

VAS is dedicated to protecting the privacy of your data. PULSE health event data is compiled, aggregated, and anonymized to remove any identifiable producer or dairy information. Additionally, benchmarks are only included in HealthVAL when data for 25 or more dairies is available for a specific health event. Monthly benchmarks for health events are recalculated and updated on a weekly basis.

See our **Privacy Policy** to learn more about how VAS protects your data.

- Set your Health Index Threshold. This value controls which animals are included in your **Health Index Analysis** summary. Only animals with an index above this value

are included for analysis.

✓ **Related Topics**

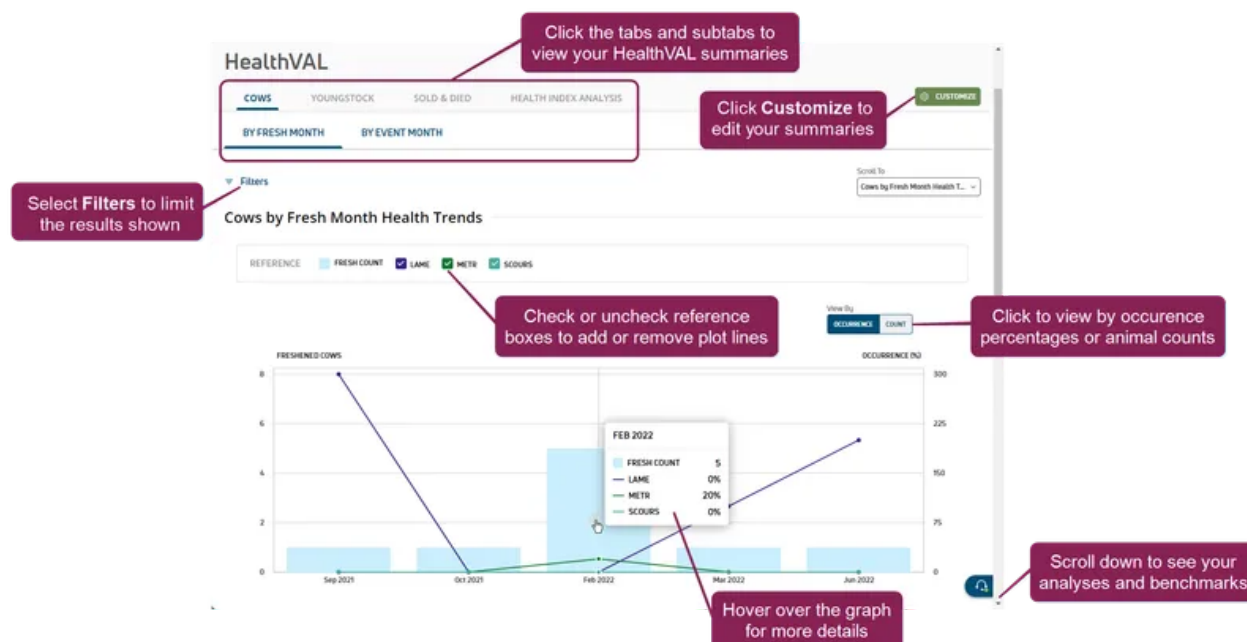
- **Event Definitions**

1.2.2. View HealthVAL Reports

✓ Required Permissions

To use this feature, your VAS PULSE Platform user account must be assigned to a Role with Herd Configuration permissions. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

After [customizing your settings](#), view your herd health data in clear, easy-to-follow graphs on the [HealthVAL](#) page. Use the reports and graphs to identify and analyze trends, review Youngstock data, or check the [Health Index Analysis](#) for your herd. The reports include up to 12 months of data to allow you to consider seasonal or weather-related differences in your analysis.



See the topics below to learn more:

- [Cows](#)
- [Cow Event Analysis](#)
- [Youngstock](#)
- [Sold & Died](#)
- [Health Index Analysis](#)

✓ Related Topics

- [Event Definitions](#)

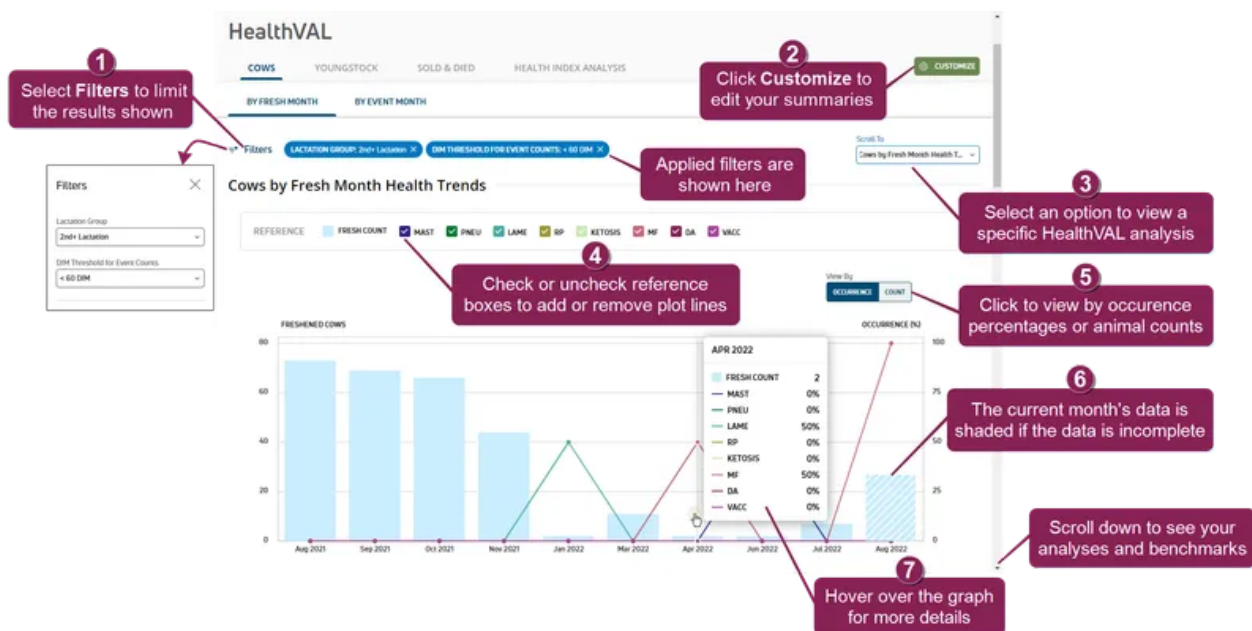
1.2.2.1. Cows

✓ Required Permissions

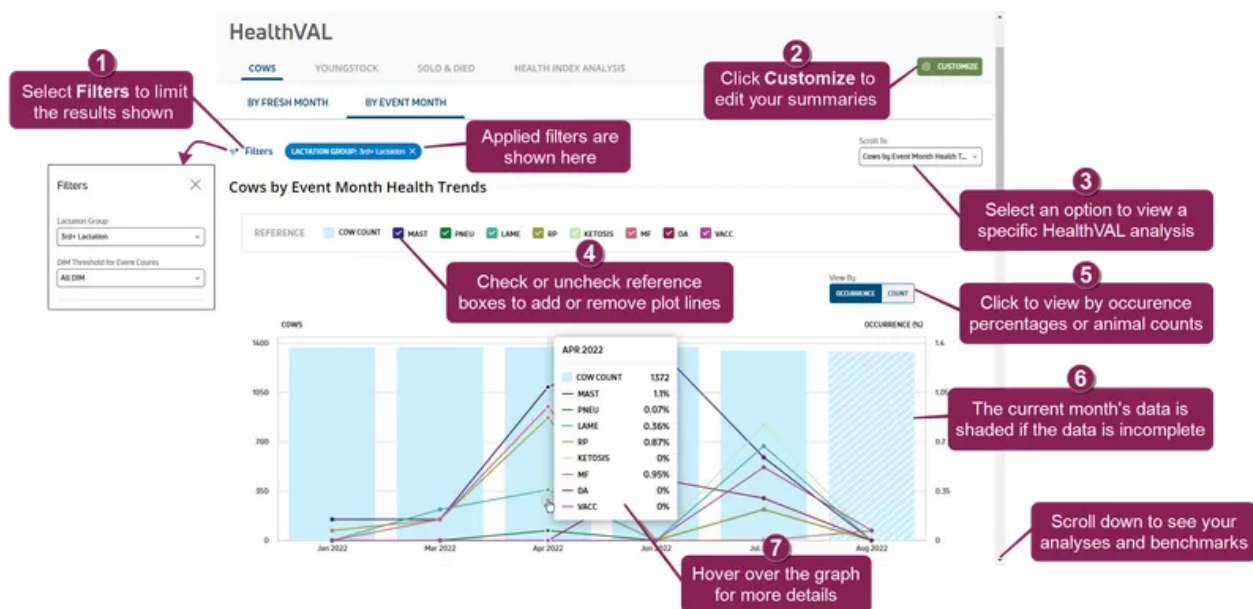
To use this feature, your VAS PULSE Platform user account must be assigned to a Role with Herd Configuration permissions. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

Use the Cows tab for an overview of your cow health events, so you can quickly note any unexpected changes in case counts. Cow Health Trends can be viewed in the distinct groupings below.

By Fresh Month: Monthly health event data for all cows by month fresh.



By Event Month: Monthly health event data for all cows.



See the topics below to learn more:

1. Select **Filters** to open a side panel on the left of the page to filter the list of lactation events and/or DIM thresholds for event counts. Once a filter is selected, the current filter applied is displayed next to the **Filters** option. Click the **X** on a specific filter to remove it.
2. Click the **Customize** button to edit your HealthVAL summaries for cow and heifer events and/or modify your HealthVAL benchmark settings.
3. Use the **Scroll To** shortcut to further analyze individual events in the graphs below. See [Cow Event Analysis](#) to learn more about analyzing specific events.
4. **Reference** checkboxes allow you to control which lines are plotted on the graph. Each reference is color-coded to match a specific bar or line on the graph. Check a box to include a plot line on the graph. Uncheck a box to remove a plot line from the graph.
5. Click **Occurrence** to view the reference data in occurrence percentages and include threshold values on the graph, or click **Count** to view the reference data in total counts.
6. If the graph includes data for the current month, the bar is shaded to indicate that data for the month is incomplete.
7. Hover over a bar on the graph to view additional data.

✓ Related Topics

- [Event Definitions](#)

1.2.2.2. Cow Event Analysis

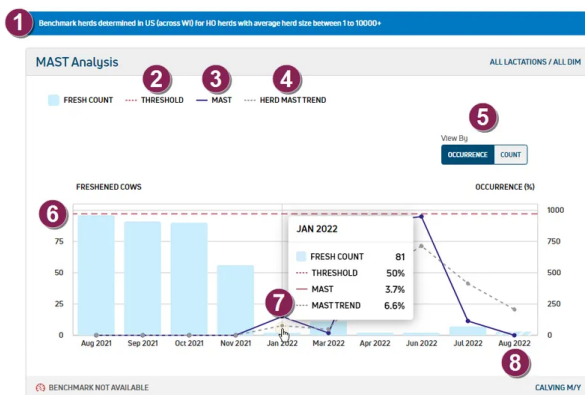
✓ Required Permissions

To use this feature, your VAS PULSE Platform user account must be assigned to a Role with Herd Configuration permissions. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

Cow Event Analysis graphs allow you to focus on individual events for specific lactations or days in milk, and are an invaluable resource for tracking and investigating your herd's unique health profile in greater detail. The graphs are located on the [Cows](#) page, below the main trends graph.



Follow the guidelines below when working with Event Analysis graphs.



NOTE: This example above shows a MAST event, but the same guidelines apply to all events.

- 1 **Benchmark assigned:** Based on your [customization settings](#), your cows are compared to herds of similar locale and size. The blue bar identifies the benchmark details.
- 2 **Event line:** Use the solid colored line — **MAST** to view total cases and percentage (%) of affected cows by month. The light blue bar indicates the total number of cows, and hovering over the graph provides details by month.

NOTE: For quick association, the HealthVAL line color matches the color currently defined for the event. See [Edit Event Definitions](#) for more information.
- 3 Herd **Event Trend:** Use the gray dotted line ---- **HERD MAST TREND** to follow the trend curve for your herd.
- 4 **Event Bench:** If benchmark data exists, you can compare your herd trend curve to the benchmark curve — **MAST BENCH**. If benchmark data is not available for your location and herd size, a  **BENCHMARK NOT AVAILABLE** message displays below the graph.
- 5 Click **Occurrence** to view the reference data in occurrence percentages and include threshold values on the graph, or click **Count** to view the reference data in total counts.
- 6 **Threshold:** The red dashed line ---- **THRESHOLD** indicates your threshold for this event. You can set custom thresholds in [Event Definitions](#).
- 7 Hover over a bar on the graph to view additional data.
- 8 If the graph includes data for the current month, the bar is shaded to indicate that data for the month is incomplete.

✓ Related Topics

- [Event Definitions](#)

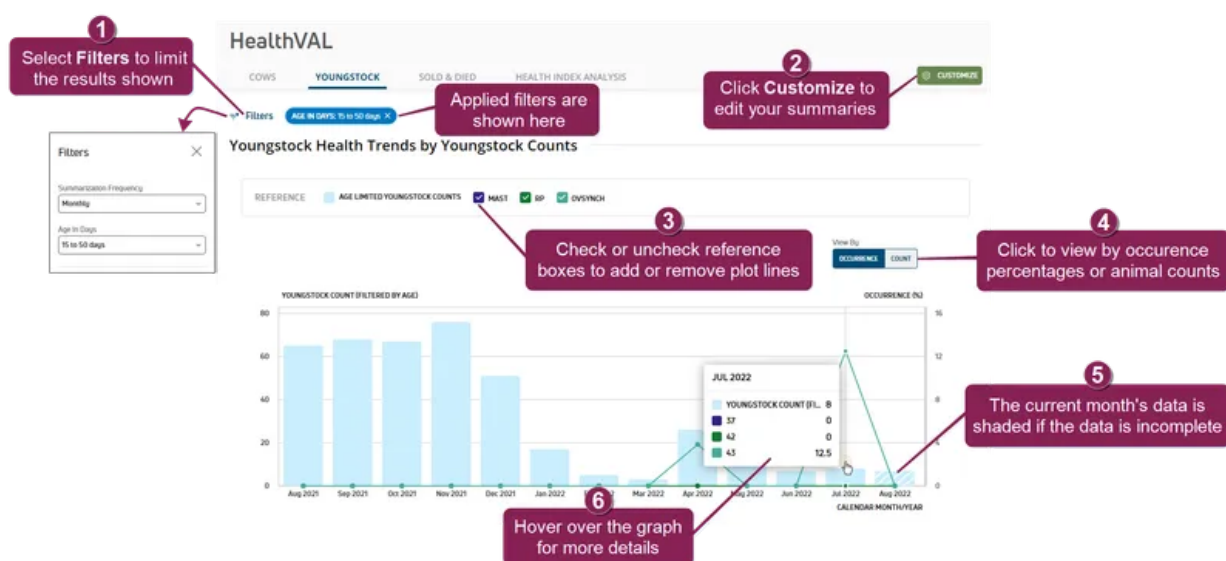
1.2.2.3. Youngstock

✓ Required Permissions

To use this feature, your VAS PULSE Platform user account must be assigned to a Role with Herd Configuration permissions. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

Use the Youngstock tab to view health events for calves and heifers on a weekly, bi-weekly, or monthly basis.

Follow the guidelines below when analyzing your Youngstock health.



1. Select **Filters** to open a side panel on the left of the page to filter cows by reporting frequency and **age** (in days). Once a filter is selected, the current filter applied is displayed next to the **Filters** option. Click the **X** on a specific filter to remove it.
2. Click the **Customize** button to edit your HealthVAL summaries for cow and heifer events and/or modify your HealthVAL benchmark settings.
3. **Reference** checkboxes allow you to control which lines are plotted on the graph. Each reference is color-coded to match a specific bar or line on the graph. Check a box to include a plot line on the graph. Uncheck a box to remove a plot line from the graph.
4. Click **Occurrence** to view the reference data in occurrence percentages and include threshold values on the graph, or click **Count** to view the reference data in total counts.
5. If the graph includes data for the current month, the bar is shaded to indicate that data for the month is incomplete.

6. Hover over a bar on the graph to view additional data.

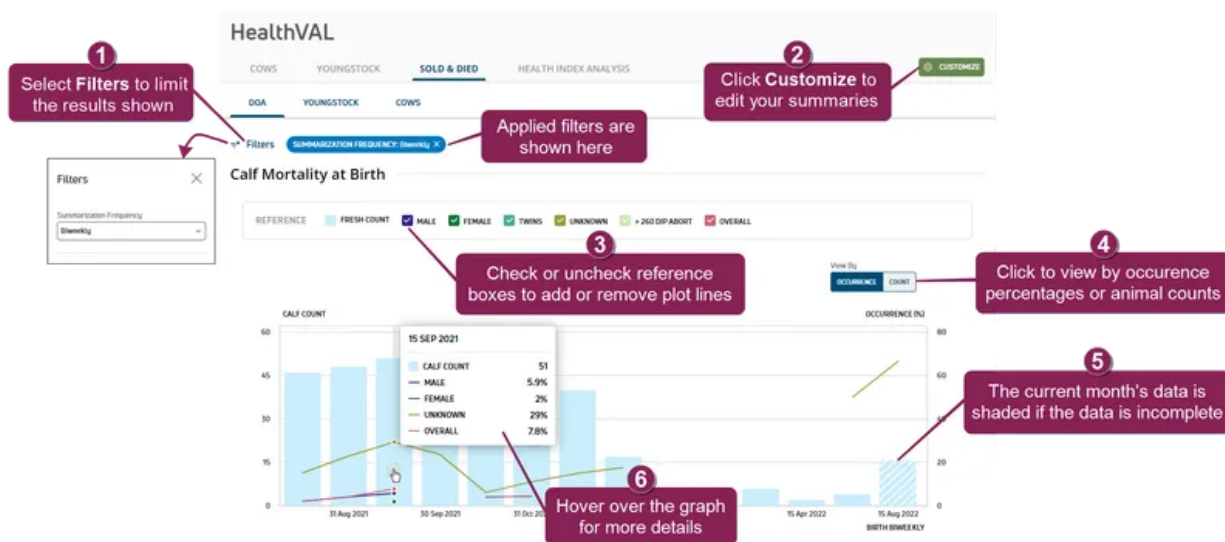
1.2.2.4. Sold & Died

✓ Required Permissions

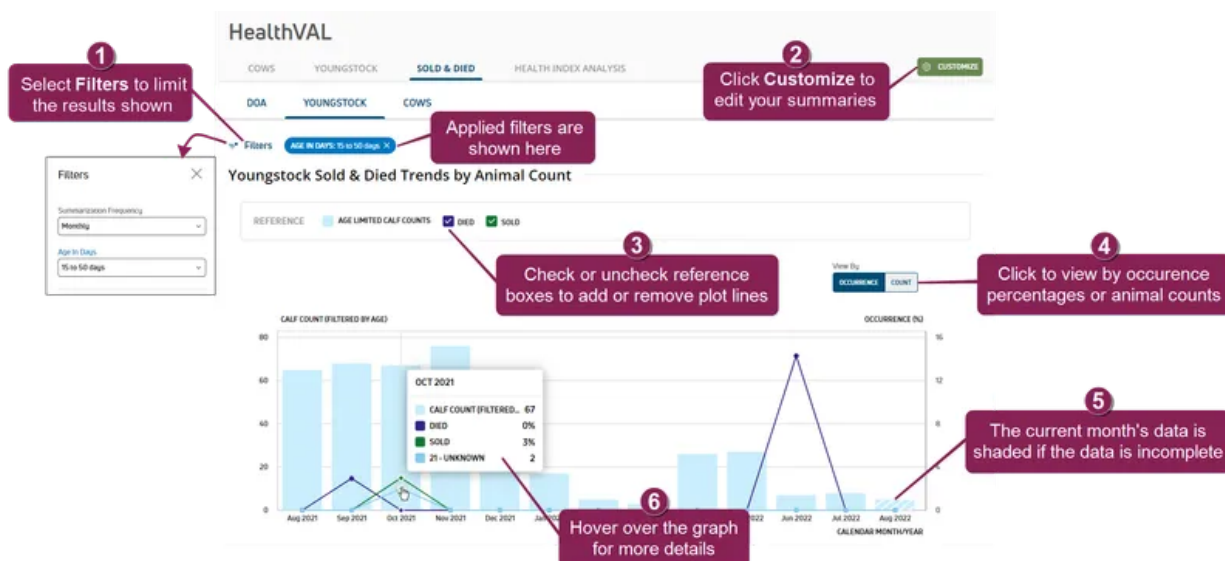
To use this feature, your VAS PULSE Platform user account must be assigned to a Role with Herd Configuration permissions. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

Use the Sold & Died tab to view data on a weekly, bi-weekly, or monthly basis for the three distinct groupings below.

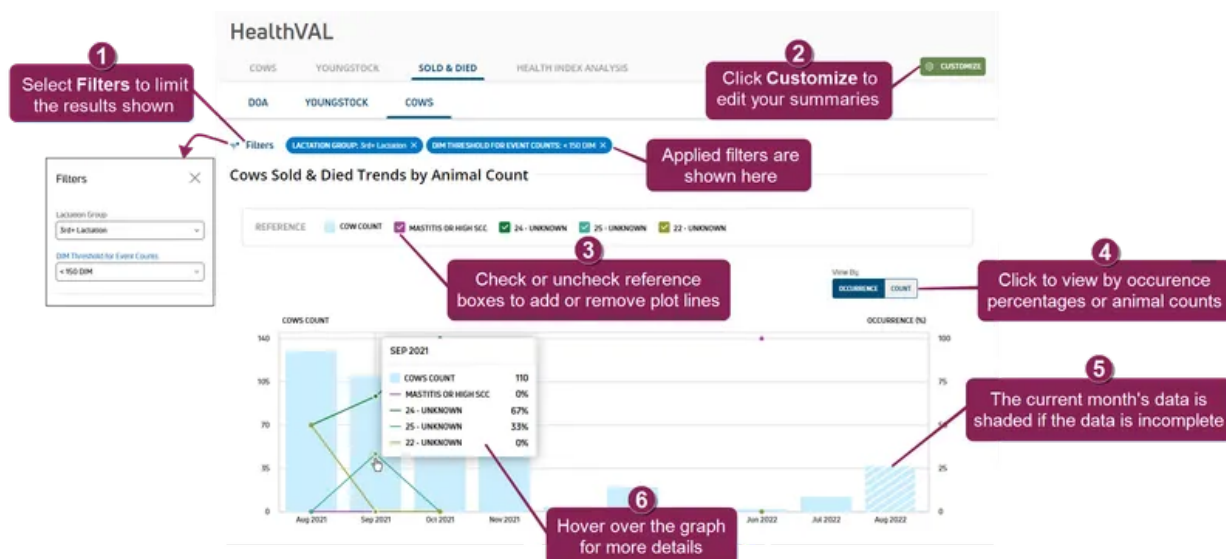
DOA: Calf death at birth by calf category (Male, Female, Twins, Unknown, >260 DIP Abort, Overall).



Youngstock: Youngstock sold and died by age (in days).



Cows: Cows sold and died by lactation group and/or DIM threshold.



See the topics below to learn more:

1. Select **Filters** to open a side panel on the left of the page to filter the list of calves by reporting frequency and calf age (in days). Once a filter is selected, the current filter applied is displayed next to the **Filters** option. Click the **X** on a specific filter to remove it.
2. Click the **Customize** button to edit your HealthVAL summaries for cow and heifer events and/or modify your HealthVAL benchmark settings.
3. **Reference** checkboxes allow you to control which lines are plotted on the graph. Each reference is color-coded to match a specific bar or line on the graph. Check a box to include a plot line on the graph. Uncheck a box to remove a plot line from the graph.
4. Click **Occurrence** to view the reference data in occurrence percentages and include threshold values on the graph, or click **Count** to view the reference data in total counts.
5. If the graph includes data for the current month, the bar is shaded to indicate that data for the month is incomplete.
6. Hover over a bar on the graph to view additional data.

✓ Related Topics

- [Event Definitions](#)

1.2.2.5. Health Index Analysis

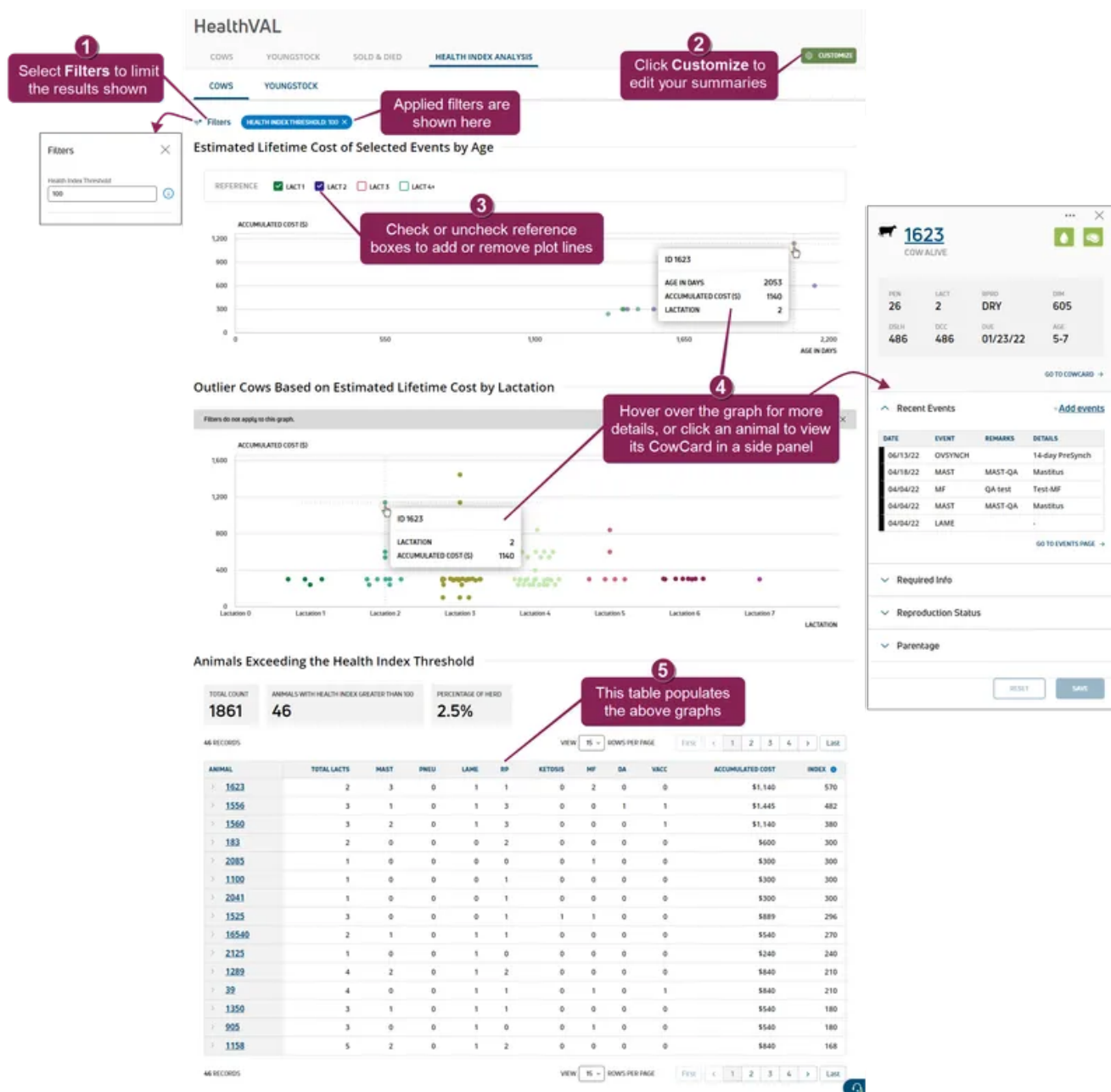
✓ Required Permissions

To use this feature, your VAS PULSE Platform user account must be assigned to a Role with Herd Configuration permissions. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

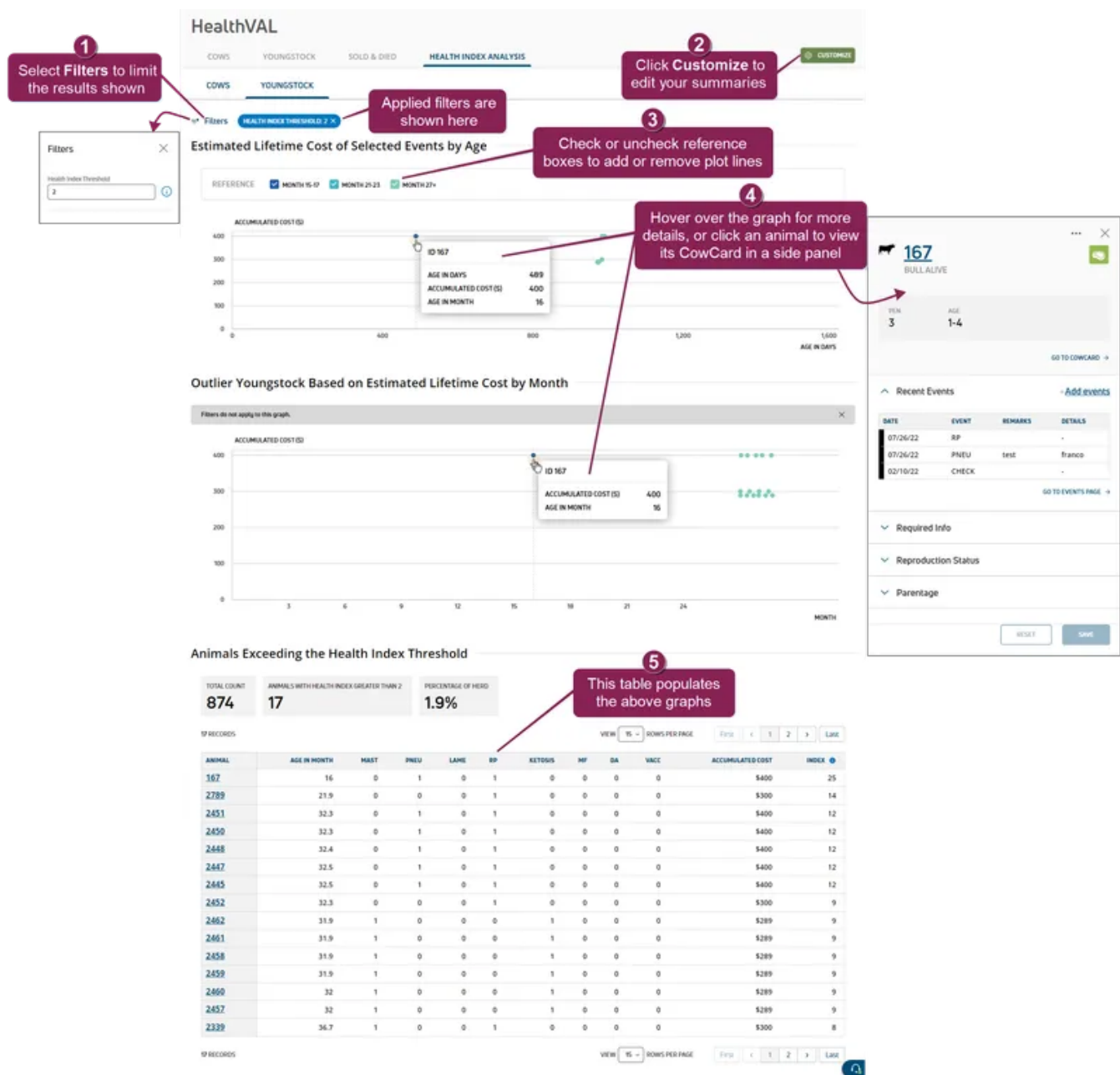
Use the [Health Index Analysis](#) page to review animals that exceed your herd's [Health Index Threshold](#), which is set on the [Customize > Benchmark Settings](#) page.

Animals with a higher Health Index have been diagnosed with more health events than others of similar [age](#), and this summary allows you to quickly identify animals that may need to be culled. For instance, if an early-lactation cow has already had multiple cases of [mastitis](#), her index value will be high, and you may determine that she is susceptible to illness and decide to sell her.

Cows: Health Index Analysis data for all cows by month.



Youngstock: Health Index Analysis data for all youngstock by month.



See the guidelines below when reviewing your Health Index Analysis summary:

1. Select **Filters** to open a side panel on the left of the page to filter the list of animals using a threshold value. Once a filter is selected, the current filter applied is displayed next to the **Filters** option. Click the **X** on a specific filter to remove it.
2. Click the **Customize** button to edit your HealthVAL summaries for cow and heifer events and/or modify your HealthVAL benchmark settings.
3. **Reference** checkboxes allow you to control which lines are plotted on the graph. Each reference is color-coded to match a specific bar or line on the graph. Check a box to include a plot line on the graph. Uncheck a box to remove a plot line from the graph.
4. Hover over an animal's data point on the graph to view additional details. Or, click the animal's data point on the graph to open a side panel and view even more details

about the animal, including recent events. See [**View Animal Details**](#) to learn more about the information displayed in the side panel.

5. Scroll down to view the graphed data in a table format.

1.3. Reproduction Insights

✓ Required Permissions

To use this feature, your VAS PULSE Platform user account must be assigned to a Role with Herd Read permissions. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

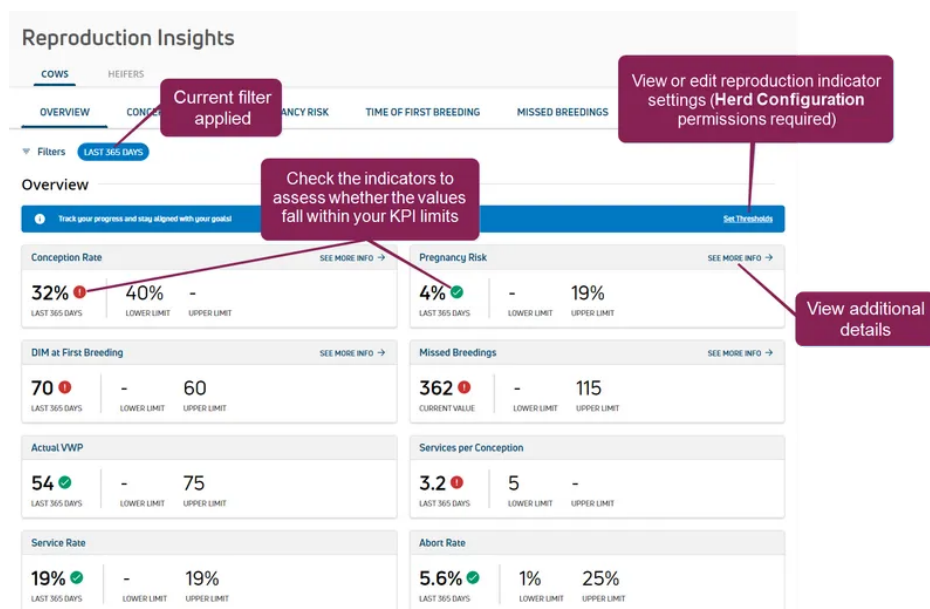
✓ Required Setup

VAS is currently beta testing this feature. If your dairy is interested in learning more about Reproduction Insights, please contact [VAS Support](#).

✓ [Click here for a video tutorial on this feature!](#)

03:49

The Reproduction Insights report tracks cow and heifer reproduction across your herd and allows you to evaluate the overall success of your dairy's breeding program. At a glance, you can assess your herd and see which areas need improvement.



You can find this feature under the [Insights menu](#).

While similar to the **BREDSUM** feature in [DC305](#), Reproduction Insights allow you to track [KPIs](#) you've set and quickly determine whether your actual reproduction KPIs fall within your limits.

Click **Set Thresholds** at the top right in the blue bar to view your dairy's current KPIs and edit the limits you want tracked on the Reproduction Insights report. See [Reproduction Indicators](#) for more information.

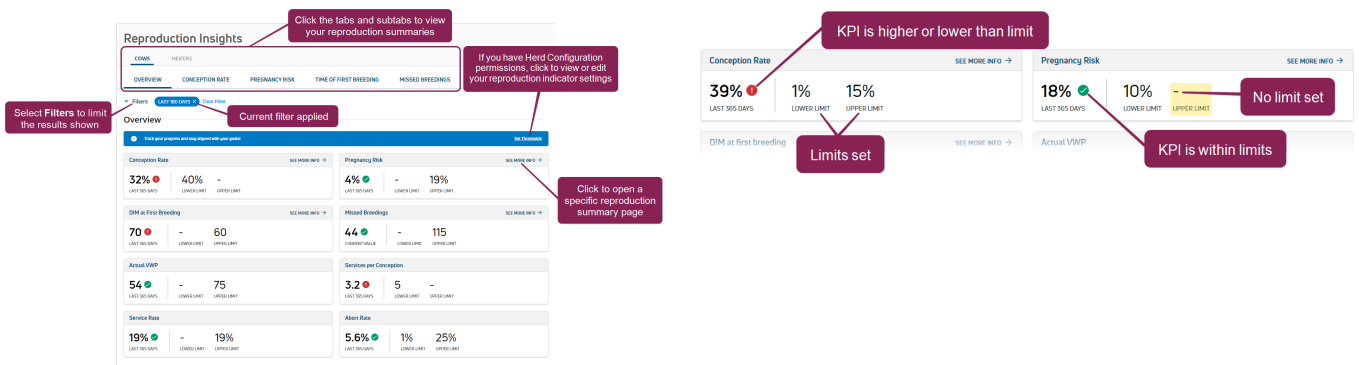
NOTE: **Set Thresholds** is only available to users with Herd Configuration permissions.

See the topics below to learn more:

- [Overview](#)
- [Conception Rate](#)
- [Pregnancy Risk](#)
- [Time of First Breeding](#)
- [Missed Breedings](#)

1.3.1. Overview

Use the Reproduction Insights **Overview** page to examine your herd's reproduction trends for the last year, 6 months, or 90 days. Once you set your herd's reproduction thresholds, you'll see reproduction indicators on this page. A green checkmark  or red exclamation point  indicates whether the actual values fall within the **KPI** limits you've set.



Indicator	Description
	KPI is lower or higher than the limit(s) currently being tracked.
	KPI is within the limit(s) currently being tracked. When you track an upper and lower limit for a reproduction KPI, the current value must be within the range of both limits to see the  icon.
-	A dash indicates that a limit is not currently being tracked.

If you haven't already, you'll need to set up the reproduction indicators you want to track for your dairy. Click **Set Thresholds** at the top right in the blue bar to view your dairy's current **KPIs** and edit the limits you want tracked on the Reproduction Insights report (Herd Configuration permissions required). See **Reproduction Indicators** for more information.

Follow the guidelines below when using this page:

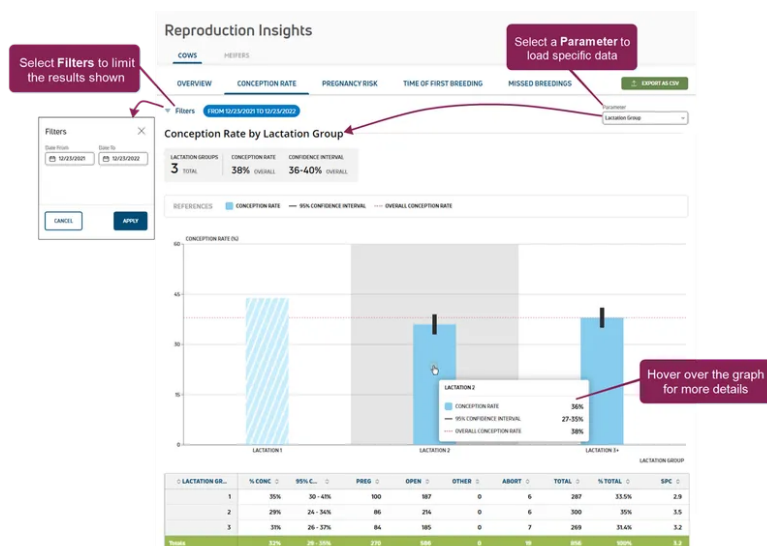
- Click **Filters** at the top left of the page to limit the data that is displayed. You can view data for the last 90, 180, or 365 days. If farms where the animals originated are set up on the **Source Farms** page in **Settings**, you can also filter by source farm when

viewing heifer data. Once a filter is selected, the current filter applied is displayed next to the **Filters** option. Click the **X** on a specific filter to remove it. Or, click the **Clear Filter** option to clear all of the filters currently applied. You can find the following reproduction values in the center of the page:

- **Conception Rate:** The herd's overall conception rate, displayed as a percentage. Click **See More Info** to view conception rate details on the [Conception Rate](#) page.
- **Pregnancy Risk:** Your herd's overall pregnancy risk, displayed as a percentage. A higher pregnancy risk indicates a more efficient breeding program. Click **See More Info** to view pregnancy risk details on the [Pregnancy Risk](#) page.
- **DIM/Age at First Breeding:** The average DIM for cows. For heifers, the age in days at first insemination. Click **See More Info** to view DIM or age at first breeding details on the [Time of First Breeding](#) page.
- **Missed Breedings:** The total number of animals that currently have not been bred beyond their bred eligible date. Click **See More Info** to view missed breeding details on the [Missed Breedings](#) page.
- **Actual VWP:** The number of days after calving before a cow is eligible for insemination. The actual VWP is a calculated value based on the 5th percentile of breedings over 14 months of breeding data. See [Pregnancy Risk](#) and [Time of First Breeding](#) for more information.
- **Services per Conception:** The average number of inseminations required for conception. See [Conception Rate](#) for more information.
- **Service Rate:** The breeding-eligible-animals that were actually inseminated during a 21-day cycle, displayed as a percentage. See [Pregnancy Risk](#) for more information.
- **Abort Rate:** The percentage of animals that were confirmed pregnant but later lost the pregnancy. See [Pregnancy Risk](#) for more information.

1.3.2. Conception Rate

Use the Conception Rate page to examine the factors that impact your herd's conception rate. Click **Filters** at the top left of the page to limit the data that is displayed. Select a specific **Parameter**, such as technician, stud code, heat interval, etc., to view specific results by category.



The gray box at the top of the page summarizes your herd's reproduction data based on your selected **Filters** and **Parameter**:

- **Total**: The total number of conceptions that occurred.
- **Overall Conception Rate**: The herd's overall conception rate, displayed as a percentage.
- **Overall Confidence Interval**: A summarized percentage of the 95th percentile confidence interval. In the example above, the overall confidence interval is 36-40%. This means that you can be 95% confident in a conception rate between 36%-40%.

The **Parameter** option allows you to drill down into your conception rate data so that you can easily identify your dairy's top performers. You can choose from the following options:

- **Lactation Group**: View data sorted by the lactation status of cows in your herd. This parameter is not available for heifers.
- **Technician**: View data sorted by the breeding technicians on your dairy team.
- **Stud Code**: View data sorted by the individual stud codes assigned to sires in your herd.

- **Breeding Code:** View data sorted by the different types of breeding events that occur across your herd.
- **Breed:** View data sorted by the individual sire breeds within your herd.
- **Month:** View data sorted by calendar month.
- **Breeding Cycle:** View data sorted by transitions in your animals' breeding cycles.
- **Heat Interval:** View data sorted by the number of days in your animals' heat cycles.
- **Week Day:** View data sorted by each day of the week.
- **Times Bred:** View data sorted by the number of times your animals were bred.
- **Sires:** View data sorted by sires used by the dairy. Once selected, additional filter options, such as breed, stud code, semen type, etc., are available.

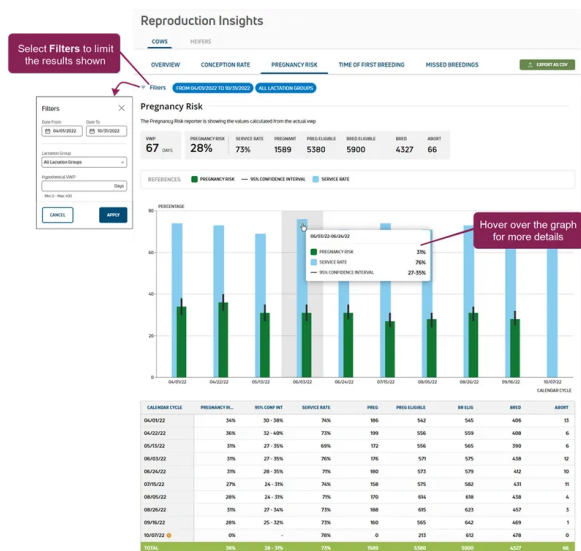
The graphed data helps to visualize your overall conception rate as well as the confidence interval:

- **References:** Each reference is color-coded to match a specific bar or line on the graph.
- The black "wick" represents a 95% confidence interval (CI) for the conception rate shown by the bar. For instance, if the wick reflects a 95% CI of 27-35, you can be 95% confident in a conception rate between 27%-35%.
- If there is not enough data to calculate a 95th percentile confidence interval, the bar is shaded and the  icon is displayed in the table below the graph.
- Hover over a bar on the graph to view additional data.
- Scroll down to view the graphed data in a table format.

Once the data is displayed, click the green **Export as CSV** button  at the top right of the page to save the data as a CSV file. If you applied filter(s), the data will print with the current filter(s) and parameter applied.

1.3.3. Pregnancy Risk

Use the Pregnancy Risk page to examine the factors that impact your herd's pregnancy risk. Click **Filters** at the top left of the page to limit the data that is displayed.



The gray boxes at the top of the page summarize your herd's reproduction data based on your selected **Filters**:

- **VWP**: The minimum number of days after calving before a cow is eligible for insemination.
- **Pregnancy Risk**: Your herd's overall pregnancy risk, displayed as a percentage. A higher pregnancy risk indicates a more efficient breeding program. PULSE includes the statistics displayed in the gray box to calculate your herd's overall pregnancy risk. In the example above, the pregnancy risk is 28%. This means that, on average, 28% of the eligible cows actually became pregnant in a 21-day cycle.
- **Service Rate**: The breeding-eligible-animals that were actually inseminated during a 21-day cycle, displayed as a percentage.
- **Pregnant**: The number of animals currently pregnant.
- **Preg Eligible**: The number of animals entering the 21-day interval that are eligible to become pregnant.
- **Bred Eligible**: The number of animals entering the 21-day interval that are eligible to be inseminated. An eligible animal is defined as having passed the voluntary waiting period, is not currently pregnant, and is active in the reproductive program.

✓ **Tell me more about Bred Eligible and Preg Eligible!**

Animals that were present for at least half of the 21-day cycle (11 days) are considered bred eligible. Bred eligible animals are then considered preg eligible following the 21-day cycle as long as the breeding result is not set or remains unknown. If a bred animal is culled from the herd during the preg eligible period, she is included in the bred eligible total but not in the preg eligible total. Therefore, the preg eligible total is always the same as or less than the bred eligible total.

- **Bred:** The number of animals actually inseminated.
- **Abort:** The animals that were confirmed pregnant but later lost the pregnancy.

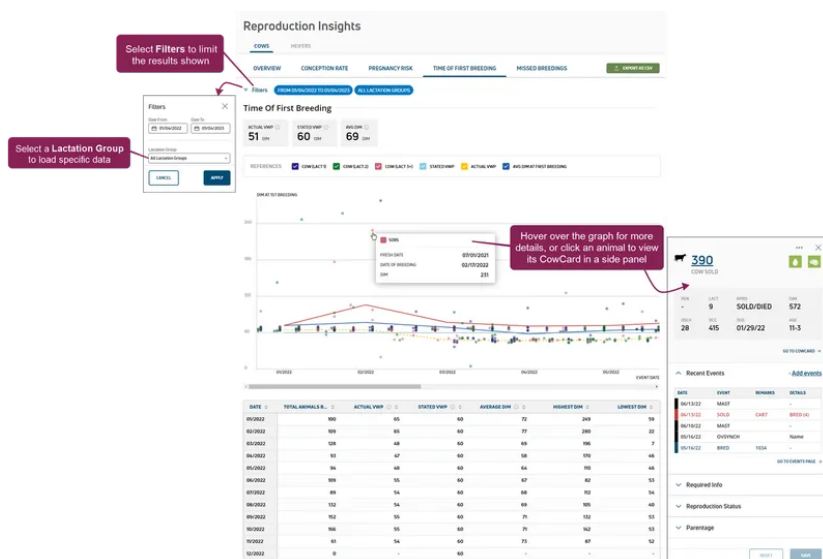
The graphed data helps to visualize your overall pregnancy risk as well as the confidence interval:

- **References:** Each reference is color-coded to match a specific bar or line on the graph.
- The black "wick" represents a 95% confidence interval (CI) for the pregnancy risk shown by the bar. For instance, if the wick reflects a 95% CI of 27-35, you can be 95% confident in a pregnancy risk between 27%-35%.
- If there is not enough data to calculate a 95th percentile confidence interval, the  icon is displayed in the table below the graph.
- Hover over a bar on the graph to view additional data.
- Scroll down to view the graphed data in a table format.

Once the data is displayed, click the green **Export as CSV** button  at the top right of the page to save the data as a CSV file. If you applied filter(s), the data will print with the current filter(s) applied.

1.3.4. Time of First Breeding

Use the Time of First Breeding page to examine your herd's monthly breeding statistics at the time of first insemination. Click **Filters** at the top left of the page to limit the data that is displayed.



The gray boxes at the top of the page summarize your herd's reproduction data based on your selected **Filters**:

- **Actual VWP**: The number of days after calving before a cow or heifer is eligible for insemination based on the bottom 5th percentile of **DIM** for cows or **age** for heifers. The actual VWP is a calculated value based on the 5th percentile of breedings over 14 months of breeding data.
- **Stated VWP**: The number of days that should pass before another reproductive event is entered for cows based on your dairy's standard **voluntary wait period** policy. For heifers, the minimum age before entering a BRED event based on your dairy's **minimum age for heifer breeding** converted to days. The **Stated VWP** and the **Actual VWP** allow you to see if your breeding program is deviating from your dairy's standard policy.
- **AVG DIM/Age**: The average DIM for cows. For heifers, the age in days at first insemination based on the average age at first breeding.

The graphed data helps to visualize your herd's monthly breeding statistics:

- **References**: Each reference is color-coded to match a specific bar or line on the graph. Uncheck a box to remove a plot line from the graph.

- Hover over an animal's data point on the graph to view additional details. Or, click the animal's data point on the graph to open a side panel and view even more details about the animal, including recent events. See [View Animal Details](#) to learn more about the information displayed in the side panel.
- Darker data points on the graph indicate that more than one animal is plotted at the same point.
- Scroll down to view the graphed data in a table format.

Once the data is displayed, click the green **Export as CSV** button  at the top right of the page to save the data as a CSV file. If you applied filter(s), the data will print with the current filter(s) applied.

1.3.5. Missed Breedings

The animals that currently have not been bred beyond their bred eligible date can be viewed on the **Missed Breedings** page. Click **Filters** at the top left of the page to limit the data that is displayed

Reproduction Insights

COWS HEIFERS

OVERVIEW CONCEPTION RATE PREGNANCY RISK TIME OF FIRST BREEDING **MISSED BREEDINGS** EXPORT AS CSV

Filters **ALL LACTATION GROUPS** Current filter applied

Cows Missed Breedings

VWP >72 TIMES BRED 0

Animals in the report exceed the VWP threshold set on the Reproduction Indicators page

This value is always 0

ID	PEN	LACTATION	DIM	FOAT
23367	22	2	306	08/02/2022
23689	26	3	356	09/01/2022
24832	26	1	405	07/14/2022
25572	22	2	438	07/01/2022
21699	26	3	392	07/27/2022
23380	26	2	363	08/25/2022
24878	26	1	378	08/10/2022

The gray boxes at the top of the page summarize your herd's reproduction data based on your selected **Filters**:

- **VWP**: Identifies the dairy's VWP setting. Animals are included in the Missed Breedings report if their VWP has ended and they have not yet been bred. You can set your dairy's limit for the number of animals with missed breedings using the **Missed Breedings - Animal Count** threshold on the [Performance Indicators](#) page.
- **Times Bred**: The number of times bred is always 0.

Once the data is displayed, click the green **Export as CSV** button  at the top right of the page to save the data as a CSV file. If you applied filter(s), the data will print with the current filter(s) applied. Click on an animal's **ID** in the table to open a side panel and view its details. See [View Animal Details](#) to learn more about the information displayed in the side panel.

1.4. RumINSIGHT Report

✓ Required Permissions

To use this feature, your VAS PULSE Platform user account must be assigned to a Role with Herd Read permissions. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

✓ Required Setup

IMPORTANT: This feature is not available in all markets and regions.

All setup required to use this feature is performed beforehand in VAS/AgSource [DRPC](#) and is based on a paid subscription. Only dairies that process with VAS/AgSource are eligible to purchase this subscription.

The RumINSIGHT report provides dairies that process with VAS/AgSource insight into the fat-related components in their milk production. Milk fat is comprised of different types of fatty acid, which the RumINSIGHT report organizes into distinct categories to make the information easier to visualize. For more information, see [RumINSIGHT Report](#). You can find this feature under the [Insights menu](#).

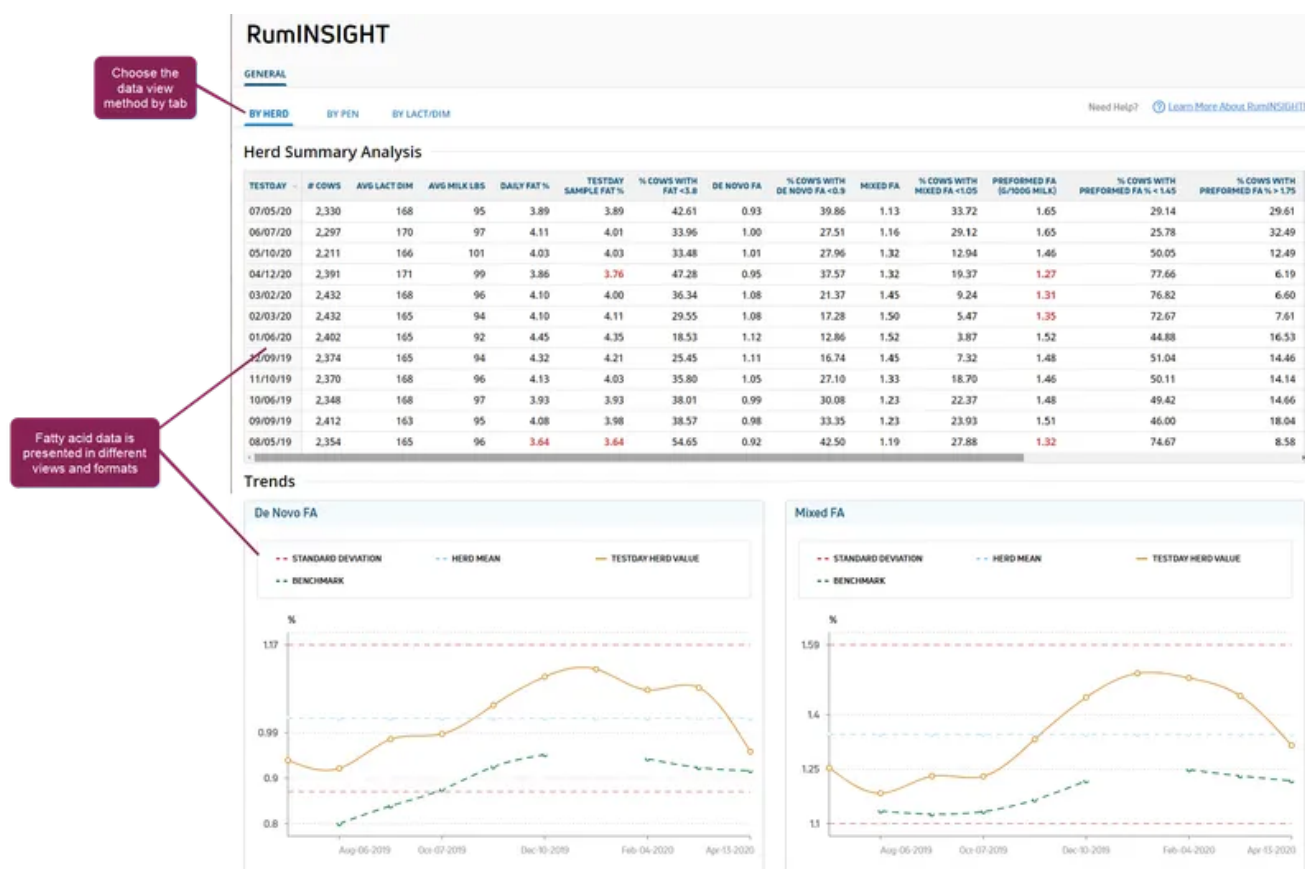
The amount of fat in the milk your dairy produces impacts the amount you're paid for that milk. Milk fat is comprised of different types of fatty acids, which can be categorized into three main groups:

- **De novo** fatty acids originate from the production of the chemicals butyrate and acetate in the rumen (the largest stomach compartment of a cow), and so are an indicator of rumen functioning. De novo fatty acids are the greatest driver of bulk tank butterfat.
- **Mixed** fatty acids originate from the diet or from synthesis within the cow.
- **Preformed** fatty acids are derived from the diet or adipose tissue (i.e., fat tissue) from the cow. In early lactation, preformed fatty acid levels are typically high in the milk as cows utilize their body fat to meet the energy needs for milk production.

Data for the three fatty acid groups of the RumINSIGHT report, along with related information (such as the number of cows, days in milk, etc.), is organized into distinct

categories to make the information easier to visualize. These categories are presented in the following tabs:

- The **By Herd** tab displays both summary and trend data for the three fatty acid types for the entire herd. It also presents general fat and protein data. See [View RumINSIGHT Data by Herd](#).
- The **By Pen** tab displays detailed fatty acid data for each pen. See [View RumINSIGHT Data by Pen](#).
- The **By Lact/DIM** tab displays detailed fatty acid data broken down by lactation and stage of lactation. See [View RumINSIGHT Data by Lactation and DIM](#).



1.4.1. View RumINSIGHT Data By Herd

✓ Required Permissions

To use this feature, your VAS PULSE Platform user account must be assigned to a Role with Herd Read permissions. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

Click the **By Herd** tab on the RumINSIGHT report to view testing data for the entire herd. The top of the page contains a summary of the data by test day. Beneath that are graphs showing the production trend of the three main fatty acid types (de novo, mixed, and preformed), as well as graphs regarding herd fat and protein.

Expand the sections below to learn more:

✓ Herd Summary Analysis Table

The Herd **Summary Analysis** table shows a detailed breakdown of fatty acid test results arranged by test day.

TESTDAY	# COWS	AVG LACT DIM	AVG MILK LBS	DAILY FAT %	TESTDAY SAMPLE FAT %	% COWS WITH FAT > 3.8	DE NOVO FA	% COWS WITH DE NOVO FA < 8.9	MIXED FA	% COWS WITH MIXED FA < 1.05	PREFORMED FA (S/1000 MILK)	% COWS WITH PREFORMED FA % < 1.45	% COWS WITH PREFORMED FA % > 1.75	PROTEIN %	CO AND PR
07/05/20	2,330	168	95	3.89	3.89	42.61	0.93	39.86	1.13	33.72	1.65	29.14	29.61	2.96	
06/07/20	2,297	170	97	4.11	4.01	33.96	1.00	27.51	1.16	29.12	1.65	25.78	32.49	3.04	
05/10/20	2,211	166	101	4.03	4.03	33.48	1.01	27.96	1.32	12.94	1.46	50.05	12.49	3.14	
04/12/20	2,391	171	99	3.86	3.76	47.28	0.95	37.57	1.32	19.37	1.27	77.66	6.19	3.19	
03/02/20	2,432	168	96	4.10	4.00	36.34	1.08	21.37	1.45	9.24	1.31	76.82	6.60	3.33	
02/03/20	2,432	165	94	4.10	4.11	29.55	1.08	17.28	1.50	5.47	1.35	72.67	7.61	3.25	
01/06/20	2,402	165	92	4.45	4.35	18.53	1.12	12.86	1.52	3.87	1.52	44.88	16.53	3.21	
12/09/19	2,374	165	94	4.32	4.21	25.45	1.11	16.74	1.45	7.32	1.48	51.04	14.46	3.23	
11/10/19	2,370	168	96	4.13	4.03	35.80	1.05	27.10	1.33	18.70	1.46	50.11	14.14	3.29	
10/06/19	2,348	168	97	3.93	3.93	38.01	0.99	30.08	1.23	22.37	1.48	49.42	14.66	3.14	
09/09/19	2,412	163	95	4.08	3.98	38.57	0.98	33.35	1.23	23.93	1.51	46.00	18.04	3.11	
08/05/19	2,354	165	96	3.64	3.64	54.65	0.92	42.50	1.19	27.88	1.32	74.67	8.58	3.07	

Follow these guidelines when viewing the data in this table:

- The Testday column can be sorted in either ascending or descending order. (See [Testdays](#) to learn more about test day data.)
- The table displays summary data for all three types of fatty acid—de novo, mixed, and preformed.
- Data values that are of concern (i.e., warnings) display in the table in red.

✓ Trend Graphs

The trend graphs show the progress of production for each of the three types of fatty acids (de novo, mixed, and preformed) over a range of test days. An example of a **De Novo Trends** graph is shown below.



Move your cursor over the test days in the graph to display precise information for each of the following:

- Standard Deviation (displayed in dotted red)
- Herd Mean (displayed in dotted light blue)
- Testday Herd Value (displayed in solid gold)
- Benchmark (displayed in dotted green)

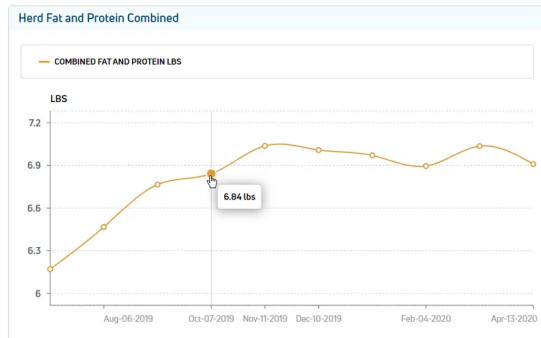
NOTE: Benchmark values shown in the trend graphs are calculated using various values collected for the applicable month and are influenced by factors such as breed type and milking frequency. They provide a value against which the other values in the graph can be estimated and compared.

In addition to the three fatty acid graphs, there is also a trend graph for Herd **Fat and Protein**. This graph works in the same manner as the other trend graphs and displays the following data:

- Herd Mean Fat % (displayed in dotted gold)
- Herd Testday Fat (displayed in solid gold)
- Herd Mean Protein % (displayed in dotted light blue)
- Herd Testday Protein % (displayed in solid light blue)
- Benchmark Fat % (displayed in solid green)
- Benchmark Protein % (displayed in solid dark blue)

✓ Herd Fat and Protein Combined Graph

The Herd **Fat and Protein Combined** graph displays the combined amount of fat and protein in pounds for a specific testday.



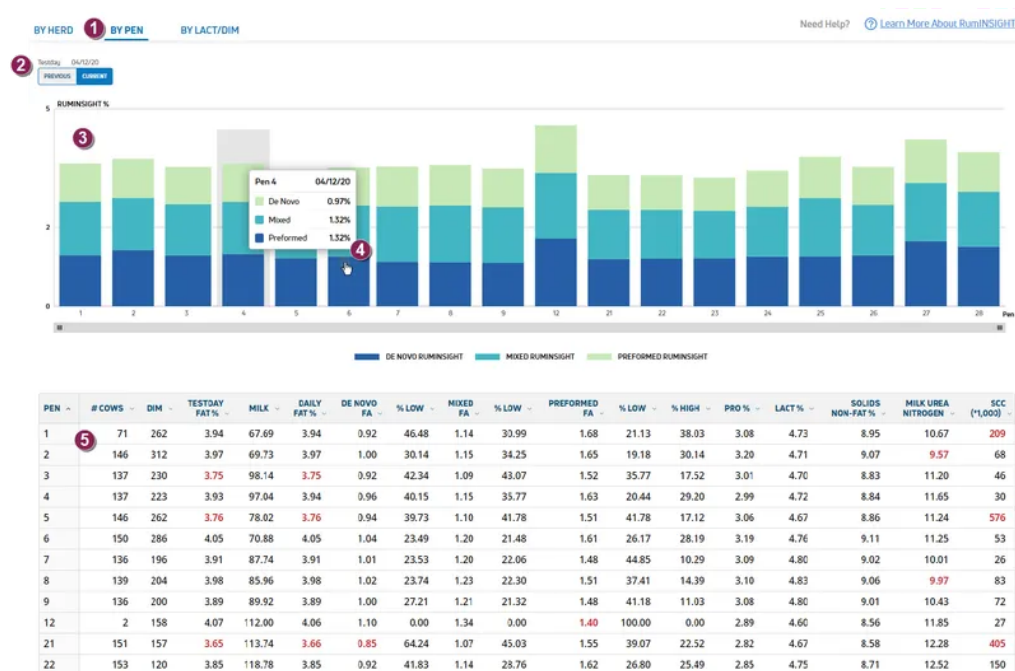
To view exact data for a specific test day, move your cursor over the applicable testday as shown above.

1.4.2. View RumINSIGHT Data By Pen

✓ Required Permissions

To use this feature, your VAS PULSE Platform user account must be assigned to a Role with Herd Read permissions. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

Click the **By Pen** tab on the RumINSIGHT report to view detailed fatty acid test results for the most current and previous test days, broken down by individual pens. Use the image and descriptions below to learn how to use the information on this page.



- By Pen tab:** Select this tab to view the fatty acid test data by pen.
- Testday selector:** Click the applicable button to view fatty acid data for the **Current** or **Previous** testday. The data in the graph and chart changes accordingly.
- RumINSIGHT % graph:** This graph provides a visual representation of fatty acid test results for the test day selected (i.e., current or previous), broken down by pen number. Pen numbers appear along the bottom of the graph. The three types of fatty acid are represented by a different color in the graphing bar for each pen, according to the color legend beneath the graph.
- Fatty Acid % graph details:** Hover your cursor over a specific bar in the graph to view the exact percentage amount for each type of fatty acid.

5. **Pen chart:** This chart provides a detailed breakdown of fatty acid and related values for each pen. Data includes the number of cows per pen, the amount of milk produced, etc. Data values of concern (i.e., warnings) are shown in red.

1.4.3. View RumINSIGHT Data by Lactation and DIM

✓ Required Permissions

To use this feature, your VAS PULSE Platform user account must be assigned to a Role with Herd Read permissions. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

Click the **By Lact/DIM** tab on the RumINSIGHT report to view detailed fatty acid test results organized by Days in Milk (DIM) and lactation groups. Use the image and descriptions below to learn how to use the information on this page.

DIM	# COWS	AVG MILK (LBS)	DAILY FAT %	TESTDAY SAMPLE FAT %	DE NOVO FA (G/100G MILK)	MIXED FA (G/100G MILK)	PREFORMED FA (G/100G MILK)	PROTEIN %	LACTOSE %	SOLIDS NON-FAT %	MILK UREA NITROGEN	SCC (#/1000)
1-15	64	66	4.94	4.84	1.14	1.60	1.88	3.53	4.65	9.41	0.00	77
16-45	227	105	4.17	4.06	1.01	1.35	1.48	3.05	4.78	8.97	0.00	94
46-75	220	119	3.93	3.83	0.98	1.34	1.27	2.99	4.81	8.89	0.00	130
76-105	221	116	3.83	3.73	0.97	1.34	1.19	3.07	4.76	8.94	0.00	152
106-155	416	108	3.71	3.61	0.92	1.30	1.17	3.16	4.76	9.03	0.00	129
156-205	341	102	3.72	3.63	0.92	1.29	1.19	3.22	4.73	9.06	0.00	123
206-255	338	97	3.77	3.67	0.93	1.29	1.23	3.25	4.71	9.08	0.00	109
256-305	317	84	3.83	3.73	0.93	1.28	1.29	3.34	4.68	9.16	0.00	88
>305	247	76	4.00	3.89	0.97	1.33	1.36	3.45	4.66	9.26	0.00	100

DIM	# COWS	AVG MILK (LBS)	DAILY FAT %	TESTDAY SAMPLE FAT %	DE NOVO FA (G/100G MILK)	MIXED FA (G/100G MILK)	PREFORMED FA (G/100G MILK)	PROTEIN %	LACTOSE %	SOLIDS NON-FAT %	MILK UREA NITROGEN	SCC (#/1000)
1-15	32	56	4.74	4.64	1.09	1.51	1.82	3.41	4.67	9.30	0.00	84
16-45	83	79	4.06	3.95	0.96	1.34	1.41	3.10	4.85	9.09	0.00	59
46-75	72	93	4.17	4.06	1.03	1.45	1.32	3.13	4.88	9.14	0.00	57
76-105	69	92	4.16	4.06	1.08	1.50	1.20	3.22	4.83	9.15	0.00	65
106-155	157	89	3.90	3.80	1.01	1.43	1.11	3.28	4.82	9.20	0.00	35
156-205	126	89	3.99	3.88	1.04	1.46	1.13	3.38	4.78	9.27	0.00	100

- 1. By Lact/DIM tab:** Select this tab to view the fatty acid test data organized by Days in Milk (DIM) and lactation groups.
- 2. Lactation Stage chart:** This chart provides detailed fatty acid data and related values grouped by DIM *for all lactation groups*. Data values of concern (i.e. warnings) are shown in red.
- 3. Lactation group selector:** Click the applicable button to choose which lactation group's data displays in the Lactation Breakdown chart.
- 4. Lactation Breakdown chart:** This chart provides detailed fatty acid data and related values broken down by lactation group. Data values of concern are shown in red.

1.5. HerdSights

✓ Click here for a video tutorial on this feature!

05:03

HerdSights bring you actionable data to directly support your efforts to reduce feed costs and waste, keep your herd healthy, and improve milk production and quality. Build custom views and dashboards quickly with the help of prebuilt templates, and easily adjust the frequency of how your most critical KPIs are reported to best fit your evolving analysis needs. You can find this feature under the Insights menu.

Dashboard

HEALTHREPRO SUCCESSMILKINVENTORYIOFC

HerdSight dashboards capture data to drive your decisions

+ Create New Dashboard

Customize Current Dashboard

Delete Current Dashboard

Cow Inventory

DATE TIME	INVENTORY MILKING COWS	INVENTORY PREGNANT COWS	INVENTORY DRY COWS	
09/19/2025	1603	725	215	
09/18/2025	1602	725	214	1816
09/17/2025	1602	725	214	1816
09/16/2025	1602	725	214	1816
09/15/2025	1602	725	214	1816
09/14/2025	1601	725	215	1816
09/13/2025	1601	725	215	1816
09/12/2025	1601	725	215	1816

LATEST 8 PERIODSSHOW MORE INFO →

Heifer Inventory

DATE TIME	INVENTORY HEIFERS 0-3 MONTHS	INVENTORY HEIFERS 3-6 MONTHS	INVENTORY HEIFERS 6-9 MONTHS	INVENTORY HEIFERS 9-12 MONTHS	INVENTORY HEIFERS +12 MONTHS
09/19/2025	203	265	192	215	605
09/18/2025	203	267	191	214	597
09/17/2025	208	263	192	220	597
09/16/2025	211	264	192	216	597
09/15/2025	212	266	194	211	595
09/14/2025	215	265	192	211	595

TIP: Before you can [add](#) or [view](#) a HerdSights dashboard, you first need to define [Views](#) that include the herd data details that are important to you. Quickly add prebuilt views from the **View Templates** page, or build custom views from scratch! You can also speed up the process of building dashboards by customizing prebuilt views. See [Build a Custom View](#) to learn how to customize and edit your views.

See the topics below to learn more:

- [Manage HerdSights Dashboards](#)
- [Build Views](#)

1.5.1. Manage HerdSights Dashboards

✓ Required Permissions

All users assigned to a role with Herd Read permissions can view this feature. Only users who are assigned a role with Herd Configuration permissions can edit data or customize settings.

HerdSights dashboards include custom views of herd data to provide the insights your team needs to address your herd's specific needs. Whether you're aiming to improve the success of your breeding program, better support transitioning animals, or decrease infections, you can customize your dashboard as needed and easily adjust your views whenever your needs or goals change.

The screenshot shows the 'Dashboard' interface with a top navigation bar containing 'HEALTH', 'REPRO SUCCESS', 'MILK', 'INVENTORY', and 'IDFC'. The 'INVENTORY' tab is selected. Below the navigation bar, there are three callouts: 1 points to the 'Cow Inventory' section header, 2 points to the 'Create New Dashboard' button, and 3 points to the 'Customize Current Dashboard' button. The 'Cow Inventory' table has columns for 'DATE TIME', 'INVENTORY MILKING COWS', 'INVENTORY PREGNANT COWS', and 'INVENTORY DRY COWS'. The 'Heifer Inventory' table has columns for 'DATE TIME', 'INVENTORY HEIFERS 0-3 MONTHS', 'INVENTORY HEIFERS 3-6 MONTHS', 'INVENTORY HEIFERS 6-9 MONTHS', 'INVENTORY HEIFERS 9-12 MONTHS', and 'INVENTORY HEIFERS +12 MONTHS'.

DATE TIME	INVENTORY MILKING COWS	INVENTORY PREGNANT COWS	INVENTORY DRY COWS
09/19/2025	1603	725	213
09/18/2025	1602	725	214
09/17/2025	1602	725	214
09/16/2025	1602	725	214
09/15/2025	1602	725	214
09/14/2025	1601	725	215
09/13/2025	1601	725	215
09/12/2025	1601	725	215

DATE TIME	INVENTORY HEIFERS 0-3 MONTHS	INVENTORY HEIFERS 3-6 MONTHS	INVENTORY HEIFERS 6-9 MONTHS	INVENTORY HEIFERS 9-12 MONTHS	INVENTORY HEIFERS +12 MONTHS
09/19/2025	203	265	192	215	605
09/18/2025	203	267	191	214	597
09/17/2025	208	263	192	220	597
09/16/2025	211	264	192	216	597
09/15/2025	212	266	194	211	595

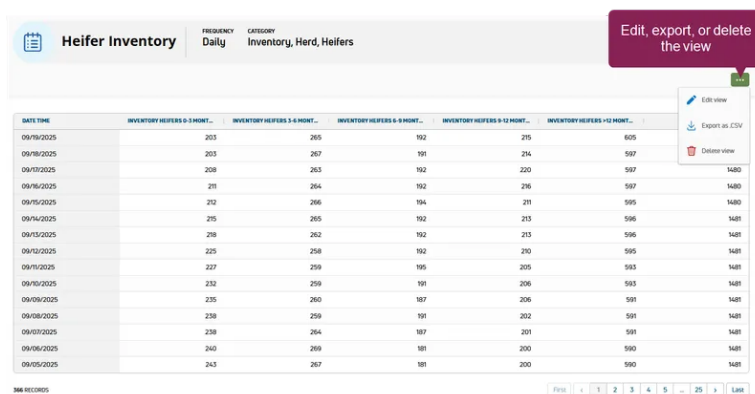
TIP: Before you can [add](#) or [view](#) a HerdSights dashboard, you first need to define [Views](#) that include the herd data details that are important to you. Quickly add prebuilt views from the **View Templates** page, or build custom views from scratch! You can also speed up the process of building dashboards by customizing prebuilt views. See [Build a Custom View](#) to learn how to customize and edit your views.

Expand the sections below to learn more:

✓ View Dashboards

After your views and dashboards are set up, you can check them whenever you need to track or measure specific details. Your dashboards refresh every 24 hours. Follow the guidelines below when viewing your dashboards:

- Click **Show More Info** to open the data details in a new page. The data displays in a table format.



DATE TIME	INVENTORY HEIFERS 0-3 MONTH...	INVENTORY HEIFERS 3-6 MONTH...	INVENTORY HEIFERS 6-9 MONTH...	INVENTORY HEIFERS 9-12 MONTH...	INVENTORY HEIFERS 12 MONTH...
09/18/2025	203	265	192	215	605
09/18/2025	203	267	191	214	597
09/19/2025	208	263	192	220	597
09/19/2025	211	264	192	216	597
09/19/2025	212	266	194	211	595
09/19/2025	215	265	192	213	596
09/19/2025	218	262	192	213	596
09/19/2025	225	258	192	210	595
09/19/2025	227	259	195	205	593
09/19/2025	232	259	191	206	593
09/19/2025	235	260	187	206	591
09/19/2025	238	259	191	202	591
09/19/2025	238	264	187	201	591
09/19/2025	240	269	181	200	590
09/19/2025	243	267	181	200	590

Click the Options button  at the top right of the page to edit, export, or delete your view.

TIP: Export data for deeper analysis or to support record-keeping efforts.

See [Build a Custom View](#) to learn how to customize and edit your view.

Add and Manage Dashboards

Follow the steps below to add and manage your dashboards:

- 1 Go to **HerdSights > Views > My Views** to make sure the views you need are available for your dairy. See [Build Views](#) to learn more about views.
- 2 Click the Options button  at the top right of the page and select **Create New Dashboard**.
- 3 Provide a descriptive **Name** at the top left of the page. Then click **My KPI Views** to begin selecting the views for your dashboard. As you add views, the **Preview** on the right updates.
- 4 Drag and drop your views to set their order from top to bottom of the page.
- 5 When your dashboard is set to your liking, click **Save** at the top right of the page.
- 6 If you'd like, reorder your dashboards by dragging and dropping dashboard tabs.
- 7 If you no longer need a dashboard, click the Options button  and select **Delete Current Dashboard**.



Show me how to add a dashboard!

00:21

Customize a Dashboard

Follow the steps below to customize an existing dashboard:

- 1 Click the Options button  at the top right of the page and select **Customize Current Dashboard**.
- 2 Click **My KPI Views** and check or uncheck the views you'd like to add or remove from your dashboard. As you change which views are checked, the **Preview** on the right updates.
- 3 If necessary, drag and drop your views to set their order from top to bottom of the page.
- 4 When your dashboard is set to your liking, click **Save** at the top right of the page.

▼ **Show me how to customize a dashboard!**

00:34

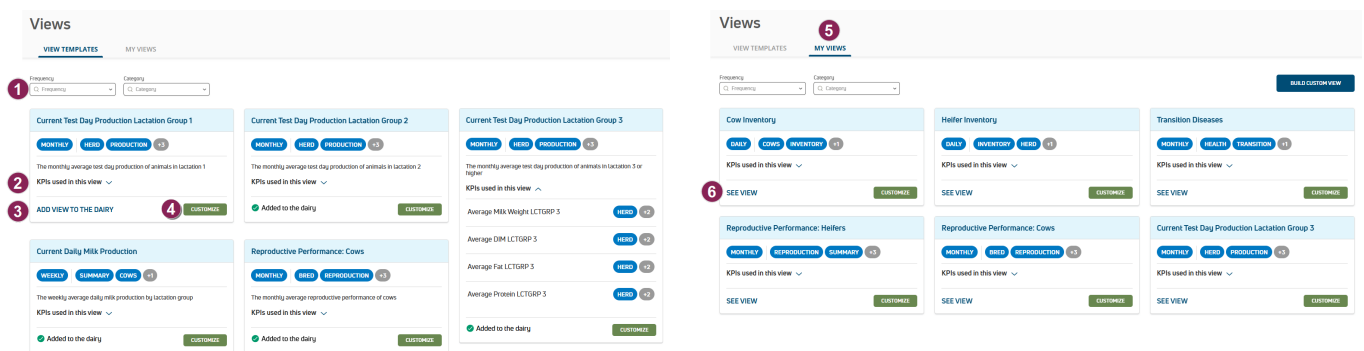
NOTE: HerdSights dashboards differ from your standard **Dairy Dashboards** that are available in PULSE under the **Dairy** menu.

1.5.2. Build Views

✓ Required Permissions

All users assigned to a role with Herd Read permissions can view this feature. Only users who are assigned a role with Herd Configuration permissions can edit data or customize settings.

The **Views** page includes View Templates, or prebuilt data views, that are commonly tracked in our industry for milk production, health and wellness tracking, successful breeding programs, among other categories. Once saved, your views can be added to dashboards or viewed directly from the **My Views** tab.



- 1 Use **Filters** to limit the templates shown by Frequency or Category.
- 2 Expand KPIs **used in this view** ✓ to see which KPIs are included in the template.

3 ✓ **Add a View from a Template**

To quickly add a view for your dairy, use a prebuilt view from the **View Templates** tab. Click **Add View to the Dairy** or **Customize** to continue. Adding the view to your dairy adds it to the **My Views** tab and makes it available for addition to your HerdSights Dashboards. Continue to **Build a Custom View** to learn about customizing a view.

Build a Custom View

Use the following guidelines when building custom views for use in your HerdSights dashboards:

- Click **Customize** to start building a view from an existing template. This option is helpful if you're aiming to build a similar view, but want to change or add more data points or adjust the frequency of the view.
- Click the **Build Custom View** button at the top right of the page to start building a view from scratch.
- When building your views, select related data points and [KPIs](#) to measure and compare associated details. For instance, if you need to track weekly replacement females born to heifers, you would only add LACTGRP0 birth data to your view.
- Create as many views as you need. Then group your views in a dashboard to keep related metrics together.
- Follow the steps below to create your custom view:

- 1 Build a view from an existing template or build a custom view:
 - Click **Customize** to start building a view from an existing template.
 - Click the **Build Custom View** button to start building from scratch.
- 2 Select whether to track this [KPI](#) on a daily, weekly, or monthly basis and click **Create**.
- 3 Use **Search** and the **Categories** filter on the left column to find the specific data points and KPIs you'd like to track.



▼ Show me how to search for and filter KPIs

00:20

4

Drag and drop the KPIs for your view from the left column into the **View Output** on the right. If necessary, drag and drop the column headers to change the order of the KPIs, or delete KPIs you'd like to remove.

▼ Show me how to reorder columns and delete KPIs

01:14

5

Enter a **View Name**.

6 Click **Save and Execute** to show your view.

5 My Views

When you build custom views or add them from a template, they are automatically added to the **My Views** tab. The views available here can be added to your HerdSights Dashboards. See [Add a Dashboard](#) to build a new dashboard.

6 View Details

Click **See View** to open the data details in a new page. The data displays in a table format.

6

Heifer Inventory FREQUENCY: Daily CATEGORY: Inventory, Herd, Heifers

7

DATE TIME	INVENTORY HEIFERS 0-3 MONTH...	INVENTORY HEIFERS 3-6 MONTH...	INVENTORY HEIFERS 6-9 MONTH...	INVENTORY HEIFERS 9-12 MONTH...	INVENTORY HEIFERS +12 MONTH...	
09/19/2025	203	265	192	215	605	1480
09/18/2025	203	267	191	214	597	1480
09/17/2025	208	263	192	220	597	1480
09/16/2025	211	264	192	216	597	1480
09/15/2025	212	266	194	211	595	1480
09/14/2025	215	265	192	213	596	1481
09/13/2025	218	262	192	213	596	1481
09/12/2025	225	258	192	210	595	1481
09/11/2025	227	259	195	205	593	1481
09/10/2025	232	259	191	206	593	1481
09/09/2025	235	260	187	206	591	1481
09/08/2025	238	259	191	202	591	1481
09/07/2025	238	264	187	201	591	1481
09/06/2025	240	269	181	200	590	1481
09/05/2025	243	267	181	200	590	1481

366 RECORDS

First < 1 2 3 4 5 - 25 > Last

7

Edit view
Export as CSV
Delete view

7 Edit, Export, or Delete View

Heifer Inventory FREQUENCY: Daily CATEGORY: Inventory, Herd, Heifers

7

DATE TIME	INVENTORY HEIFERS 0-3 MONTH...	INVENTORY HEIFERS 3-6 MONTH...	INVENTORY HEIFERS 6-9 MONTH...	INVENTORY HEIFERS 9-12 MONTH...	INVENTORY HEIFERS +12 MONTH...	
09/19/2025	203	265	192	215	605	1480
09/18/2025	203	267	191	214	597	1480
09/17/2025	208	263	192	220	597	1480
09/16/2025	211	264	192	216	597	1480
09/15/2025	212	266	194	211	595	1480
09/14/2025	215	265	192	213	596	1481
09/13/2025	218	262	192	213	596	1481
09/12/2025	225	258	192	210	595	1481
09/11/2025	227	259	195	205	593	1481
09/10/2025	232	259	191	206	593	1481
09/09/2025	235	260	187	206	591	1481
09/08/2025	238	259	191	202	591	1481
09/07/2025	238	264	187	201	591	1481
09/06/2025	240	269	181	200	590	1481
09/05/2025	243	267	181	200	590	1481

366 RECORDS

First < 1 2 3 4 5 - 25 > Last

7

Edit view
Export as CSV
Delete view

Click the Options button  at the top right of the page to edit, export, or delete your view.

TIP: Export data for deeper analysis or to support record-keeping efforts.

See [Build a Custom View](#) to learn how to customize and edit your view.

1.6. Insights Settings

✓ Required Permissions

All users assigned to a role with Herd Read permissions can view this feature. Only users who are assigned a role with Herd Configuration permissions can edit data or customize settings.

See the topics below to learn more:

- [Know Your VAS PULSE Version](#)
- [Edit Dairy User Permissions](#)
- [Manage Dairy Roles](#)

The **Settings** page allows you to configure Insights reporting options, including those for the [Income Over Feed Cost Report](#).

The screenshot shows the 'Settings' page with 'COMPONENT SETTINGS' selected. Under 'Milk Information', there are two sections: 'Milk Price' and 'Milk Weight'. Both sections have input fields for 'Milk Price' and 'Milk Weight', 'Start Date', and 'End Date'. A 'VIEW HISTORY' link is present next to each section. A 'RESET' and 'SAVE' button are at the bottom of each section. A 'Historical milk weights' table is shown on the right, displaying a list of milk weights over time. The table has columns for 'DATE', 'MILK WEIGHT', and 'UPDATED'. The table shows a list of milk weights over time, with the most recent entry being 60.24 lbs on 08/10/2025.

DATE	MILK WEIGHT	UPDATED
08/10/2025	60.24 lbs	08/18/2025
08/09/2025 - 08/09/2025	100.00 lbs	08/12/2025
08/03/2025 - 08/08/2025	13.23 lbs	08/12/2025
07/01/2025 - 08/03/2025	155.00 lbs	08/12/2025
06/15/2025 - 06/30/2025	520.00 lbs	07/10/2025
06/08/2025 - 06/14/2025	350.65 lbs	07/10/2025
06/01/2025 - 06/07/2025	150.00 lbs	07/10/2025
04/06/2025 - 05/21/2025	520.00 lbs	07/04/2025
04/05/2025 - 04/05/2025	520.00 lbs	06/27/2025

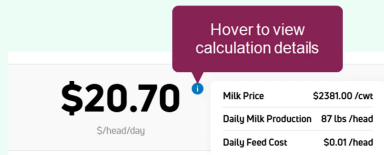
You can find this feature under the [Insights menu](#).

Milk Information

The Milk Information settings display by default. View or enter milk details as follows:

- 1 **IOFC Report:** Click the link to view the current [Income Over Feed Cost Report](#).
- 2 **Milk Price:** Enter the milk price for a specific timeframe. Milk prices can fluctuate depending on several factors, including the composition of your herd's bulk milk and market demand. In the US, milk prices are based on CWT (hundredweight), or 100 pounds of milk.

TIP: For the most up-to-date IOFC value, enter your latest pricing before running the **Income Over Feed Cost Report**. PULSE will update the price for the IOFC calculation in the next data refresh, which occurs every 24 hours. To view the current milk price being used for the IOFC calculation, hover over the info icon next to the IOFC value **i**:



The screenshot shows a card with the IOFC value of \$20.70. A tooltip is displayed above the card, indicating that hovering over the info icon reveals calculation details. The card itself lists the components of the IOFC: Milk Price, Daily Milk Production, and Daily Feed Cost.

Hover to view calculation details	
\$20.70	
\$/head/day	
Milk Price	\$2381.00 /cwt
Daily Milk Production	87 lbs /head
Daily Feed Cost	\$0.01 /head

✓ **Click here to learn more about milk components and pricing!**

Milk prices are based on the component levels in your bulk milk, with higher levels generally leading to a higher price. Milk component testing identifies the levels of butterfat, protein, and other solids, and pricing for each component is based on the current market price of butter, nonfat dry milk, cheese, and dry whey.

See **Components** to learn more about test day data in PULSE!

3 Milk Weight: Enter the total milk weight produced by the herd for a specific timeframe. If necessary, this value can be used to calculate IOFC.

TIP: For the most accurate IOFC value, use your herd's daily milk values or test day data as the basis for the **Income Over Feed Cost Report**.

4 View History: Click this option to view past price or weight details in a side panel.

5 Estimated Data: For any dates missing price or weight data, PULSE estimates values based on previous records.