ANIMAL GRAPHING TOOL

Contact support@Species360.org

The Animal Graphing Tool allows you to view trends for multiple kinds of data for multiple animals. To have access to this Tool you will need to have access to Animal Graphing Tool in the Animal module. Only the Local Admin, User and Vet Species360 Template Roles have this access. You will need to add it for any custom Roles you may have created.

When graphing multiple animals, you have the option to create the graph by animal or by record type. What you select will affect how the graphs are produced. For example:

- If you select to graph 3 animal’s weights and feed logs by Animal:
  - ZIMS produces 3 graphs, each with the weight and feed log of one animal
- If you select to graph 3 animal’s weight and feed log by Measurement Type:
  - ZIMS produces 2 graphs, one for the weights of all 3 animals and one for the feed logs of all three animals
Measurement Types that can be graphed are Feed Logs, Weights, Lengths, Care and Welfare entries and Enclosure Environmental/Water Quality Measurements. For additional help with these topics see:

- **Add Feed Logs**
- **Add Weights**
- **Add Lengths**
- **Care and Welfare**
- **To compare two sets of weights by age use this Excel tutorial**

The Animal Graphing Tool is found at the top of the animal record when the Details tab is selected.

It is also found under **Start > Tools > Animal Graphing Tool**.

Below we are selecting a single measurement for multiple animals.

It is the mission of Species360 to facilitate international collaboration in the collection and sharing of information on animals and their environments for zoos, aquariums and related organizations.

www.Species360.org – Global Information Serving Conservation
1. Select the desired Date Range. The default is for the last 30 days.
2. Select your animals. You need to select animals even if you open the tool from within an open animal record. NOTE: what you have selected as your Preferred ID in Preferences will be reflected in the graph labels.
3. Select your Measurement Type.
4. Select Show Graph.

Below we have selected Animal Weight for 4 bottlenose dolphins from 1 January to 1 April 2019.
1. You can adjust the Y axis as needed.
2. You can reset the Y axis using the Reset button.
3. The color code for the animals displays at the bottom.
4. Hovering over the point in the graph will display the data recorded.
5. Estimated dates will be indicated.
6. Using the hamburger icon you can Print or Download the chart.
7. You can go back to the filter screen using Toggle Search Pane.

Below we have chosen to graph a single animal’s weight compared with its Feed Log (Daily Total Consumed).
We now want to compare Weights and Feed Logs for 3 animals. This activates the option to select graphs by Animal (3 separate graphs will be produced, one for each animal graphing Weight and Feed Log) or Measurement Type (2 separate graphs will be produced, one for each Measurement Type comparing the animals selected).

Group by Animal was selected for the graphs below:

Group by Measurement Type was selected for the graphs below:

It is the mission of Species360 to facilitate international collaboration in the collection and sharing of information on animals and their environments for zoos, aquariums and related organizations.
For the graph below we have selected to graph Animal Weight and entries under Care and Welfare – Behavior.

You can quickly see that as the animal’s self-grooming and atypical aggression increased, its weight decreased.

This tool is also useful to compare Environmental/Water Quality Measurements with measurements such as animal Weight and Feed Log or behavioral concerns and quickly

It is the mission of Species360 to facilitate international collaboration in the collection and sharing of information on animals and their environments for zoos, aquariums and related organizations.

can let you know if the environment is affecting the animals mental or physical health. Moves between enclosures are taken into account and Environmental Measurements will only display when the animal was occupying the enclosure.

Use your mouse to highlight an area of the graph and zoom in for details. Select Reset zoom to go back to the original graph display.

For graphs that you run on a regular basis you can create Favorite Filters.

Revised 31 January 2020