

WEIGHTS

How to add weights to an animal record, compare weights and build reports.

[Contact SPECIES360 Support](#)

Weight monitoring is a critical aspect of captive animal welfare. In addition to recording weights, reporting on them for your local collection in many ways, your entries are automatically included in the globally pooled weights for that species.

Topics:

- [Adding Weights](#)
- [Medical Weights](#)
- Viewing weights in [weight comparison report](#) to compare to global averages
- Comparing weights in your local collection with the [animal graphing tool](#)
- [Target Weight Range](#)
- [Reports](#)

Adding Weights

To record an animal weight, open a record > Details tab > Weight > Actions > Add New.

1. Record the date of the measurement; estimate options are available
2. Measurement Time may be important is taking multiple measurements during a 24 hour period
3. Measured by is helpful should you have questions on the measurement\
4. The options for Type are Live weight or Dead weight
5. Record the measurement and the Unit of Measure
6. If the measurement was an Estimate check the box. An estimated weight will automatically check the Exclude from

Norms checkbox but you can uncheck it if desired.

7. Record the quality of the measurement
8. The Measurement equipment may be valuable information, especially if you are questioning the measurement

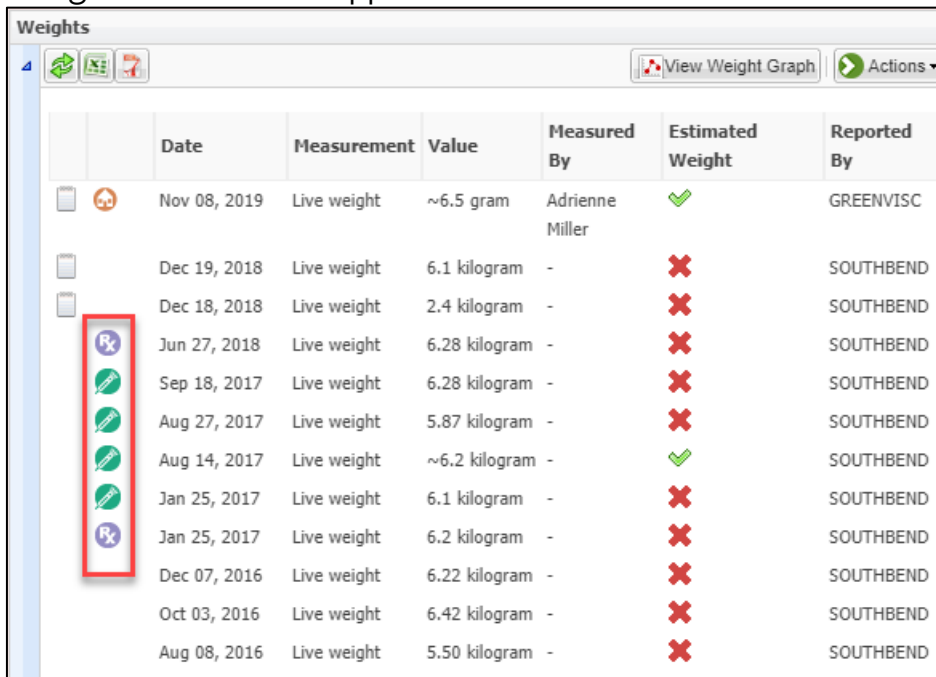
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9. Additional details as needed such as why the weight was estimated

You can also add weights from [Animal Measurement Templates](#), [Husbandry Log Templates](#) and from [Batch Actions](#).

Medical Weights

Weights that are recorded in the Medical module will also display in the Husbandry Weight grid. The outlined weights below were sourced from the Prescription/Treatment and the Anesthesia modules. Weights entered via the Medical module cannot be edited from the Husbandry grid and must be edited/deleted from the module in which they were entered. You can also export the grid to Excel or PDF by using the icons in the upper left.



	Date	Measurement	Value	Measured By	Estimated Weight	Reported By
	Nov 08, 2019	Live weight	~6.5 gram	Adrienne Miller	✓	GREENVISC
	Dec 19, 2018	Live weight	6.1 kilogram	-	✗	SOUTHBEND
	Dec 18, 2018	Live weight	2.4 kilogram	-	✗	SOUTHBEND
	Jun 27, 2018	Live weight	6.28 kilogram	-	✗	SOUTHBEND
	Sep 18, 2017	Live weight	6.28 kilogram	-	✗	SOUTHBEND
	Aug 27, 2017	Live weight	5.87 kilogram	-	✗	SOUTHBEND
	Aug 14, 2017	Live weight	~6.2 kilogram	-	✓	SOUTHBEND
	Jan 25, 2017	Live weight	6.1 kilogram	-	✗	SOUTHBEND
	Jan 25, 2017	Live weight	6.2 kilogram	-	✗	SOUTHBEND
	Dec 07, 2016	Live weight	6.22 kilogram	-	✗	SOUTHBEND
	Oct 03, 2016	Live weight	6.42 kilogram	-	✗	SOUTHBEND
	Aug 08, 2016	Live weight	5.50 kilogram	-	✗	SOUTHBEND

Note: Estimated weights only appear in the husbandry grid from anesthesia and pathology, but not for prescriptions. Including prescriptions would typically result from multiple Rx records at the same time which then would show as multiple weight estimates on the same day.

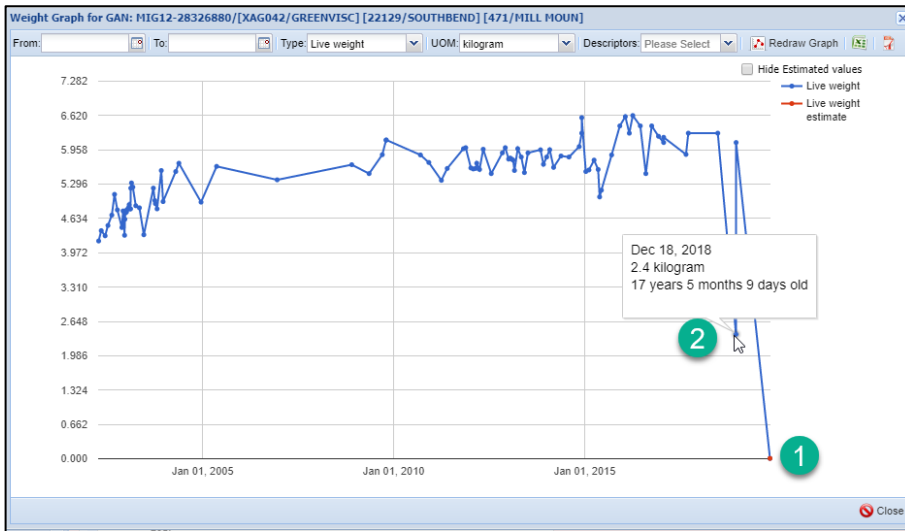
Graphing Weights

This graph will soon be replaced by [the Animal Graphing Tool](#).

You also have the option to view a graph of the weights recorded by selecting the View Weight Graph button. The graph is drawn from current records so it is always up-to-

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date. You can choose to change the reporting dates that the graph will use and can export these graphs for use outside of ZIMS. Viewing the graph is a quick way to spot data entry errors. Additionally, if you wish to see trends in weight changes, such as seasonally expected weight gains/losses, the graph view will make this effort easier. Below we see two weights that appear questionable. Hovering over the dots will display the date of the weights.



1.This weight is a data entry error and an easy fix. Looking at the Weight grid we see that in incorrect Unit of Measure (gram) was used instead of kilogram.

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2.This weight is not a data entry error, but viewing the Note lets you know that the weight was questioned immediately. This is an example where knowing what equipment was used may be beneficial. Since the weight taken the next day appears to be accurate, you may consider deleting this weight or marking it to Exclude From Norms.

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	Dec 19, 2018	Live weight	6.1 kilogram	-	✗	SOUTHBEND
					✗	SOUTHBEND
					✗	SOUTHBEND
	Sep 18, 2018	Live weight	6.28 kilogram	-	✗	SOUTHBEND

Addition of weights to an animal’s record can be achieved by any staff that has been granted rights to this feature in their ZIMS role. While the effort to add weights to each animal’s record may seem like a great effort, when multiple staff are allowed to enter data into ZIMS the effort is shared and the collection of high quality data is achieved.

Target Weight Range

You can now define a target weight range for animals in your collection. More on setting up [Target Weight Range Template here](#). Once a range template is active for an animal, you will see the defined range at the top of the weight entry grid:

Target Live weight: 50-55 g

Date	Measurement	Value
17/Feb/2021	Live weight	49 gram
30/May/2020	Live weight	50 gram

Add New Weight

Date: 17/Feb/2021
 Measurement Type: Live weight
 Measurement: 49 gram

Warning!
 This measurement is outside the target range.
 It should be a value between 50 and 55.

Buttons: Go ahead and save, Let me go back and correct

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To have access to this feature, the user must have a role that permits, at least:

Role Name Target Weight Range Role

Modules Local Reports & Tools Turn on module f

Functionality			
i-FAP Report	<input type="checkbox"/>	Search/View	Add
Inventory Report	<input type="checkbox"/>	Search/View	Add
Loan Report	<input type="checkbox"/>	Search/View	Add
Local Taxon Report	<input type="checkbox"/>	Search/View	Add
Manage Note Template	<input type="checkbox"/>	Search/View	<input type="checkbox"/> Add
Measurement Range Template	<input checked="" type="checkbox"/>	Search/View	<input type="checkbox"/> Add
Mixed Record Templates	<input type="checkbox"/>	Search/View	<input type="checkbox"/> Add

Search/View for Local Reports & Tools > Measurement Range Template

Once defined, a logged in user can view the target weight range for an animal in the search results screen by adjusting the column customization settings to add:

- Measurement Type
- Measurement Minimum Value
- Measurement Maximum Value
- Measurement Unit of Measure

The screenshot shows the 'Animals' search results interface. The 'Columns' menu is open, and 'Target Weight Range' is selected. A sub-menu is also open, showing 'Measurement Type', 'Min', 'Max', and 'UOM' checked. Red boxes highlight the 'Local Reports & Tools' module, the 'Measurement Range Template' row, and the column customization settings.

Animal GAN	Last Weight Measur...	Last Weight Measur...	Target Weight Rang...	Min Target Weight	Max Target Weight	Target Weight Rang...
W012345678	12.5	20.2	Live weight	12.5	20.2	kilogram
W012345678	125	140	Live weight	125	140	gram
W012345678	50	55	Live weight	50	55	gram
W012345678	345	515	Empty measurement	345	515	gram
W012345678	30.5	50	Weight	30.5	50	gram

Reporting

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The active target range will now show on Activity Report and Daily Report as filter options in addition to Weights:

Activity Report output example:

Activity Report

Run Report | Export For Raw Excel | Favourite Search Filters

NOTE: Recently entered data may not appear on reports for 180 seconds after it was entered.

Report Start Date *
23/Feb/2021

Report End Date *
02/Mar/2021

Date Range Filter
Event Date

Event Type
Target Weight Range | Select All
 Target Weight Range
 Include Obsolete Records

Taxonomic Scope
Filter By Taxonomy
 Include Taxonomy below selected level

Enclosure
Search For Enclosure
 Include Enclosures Below

Group By
GAN
 Include Provisional Data
 Show Only Provisional Data

Print Type
 A4 Letter

Event	Recorded By	Sex	Event Date	Date Recorded
Event: Target Weight Range Details: test 5 01/Mar/2021 - Live weight: 15-20 kilogram	Species360 Member Support	Male		
Event: Animal Weights Details: Live weight: 19.95 kilogram	Species360 Member Support	Male	01/Mar/2021	01/Mar/2021

Daily Report output example:

Daily Report

Run Report | Favourite Search Filters

NOTE: Recently entered data may not appear on reports for 180 seconds after it was entered.

Report Date *
22/Mar/2021 to

Taxonomy
Animalia / Animals
 Include Taxon Below

Animal Event Types
 Weights/Lengths
 Notes & Observations
 Development Milestones/Life Stages

Daily Report
Report Start Date: 22/Mar/2021
Report End Date: 22/Mar/2021
Animalia / Animals and below

Print Type
 A4

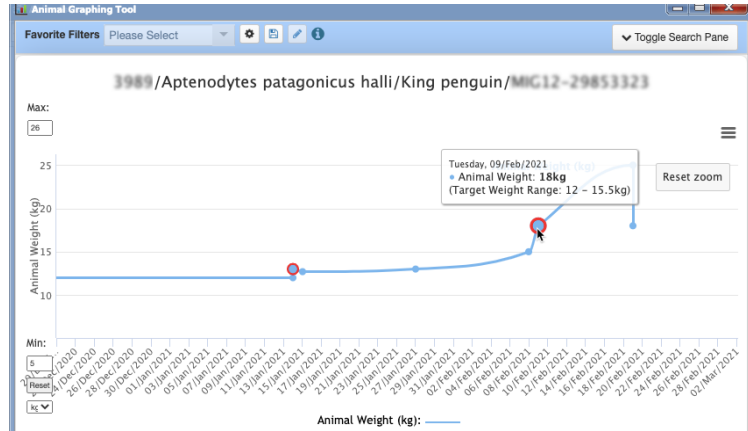
Type	Value	UOM	Notes	Measured By	Recorded By
Live weight	11	kilogram			Species360
Target weight:	11 -	12kg			Member Support

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Animal Graphing Tool output example:

Weights will display on the Animal Graphing Tool, and Target Weight Range exceptions will display in red on the graph. Hover your mouse over the red exception to see the active target range:

See additional help on target weight range, weight comparison and animal graphing.



Additional help:

- More on [Animal Graphing Tool here](#)
- More on [Weight Comparison Report here](#)
- More on [Target Weight Range Template here](#)

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