



Maternity Tracker

Maternity Tracker provides quick and convenient access to all calvings (FRESH events) recorded in PCDART, and is intended to answer specific maternity questions. It specifically tracks DOA's (Dead On Arrival or Stillborn), % female, calving ease scores, twins and more. A table summarizing calvings over a user-specified period of time is generated for a user-specified group of animals. Log on to www.drms.org and go to Products & Services | Software | Trackers to access training videos, overview and help docs, and program updates.

Filters allow you to choose which calvings will be included in the report. A combination of filters can be selected to answer very specific questions.

The Animal Filters tab has common filters related to the FRESH event, such as Time Period, Lactation Number, Gestation Length, Dry Period Length, and Calving Ease Score.

The Other Filters tab has additional filters such as Day of Week, Dam and Service Sire breed, semen type, service sire, and technician.

The Settings tab has filters related to the current status of the animal, such as String Number, Group, Temp Group, and User Defined Field.

Filters can be used in any combination to narrow the analysis to answer very specific questions. Be careful to think out the question first, and then carefully choose filters to be sure the resulting table answers the intended question.

The screenshot shows the 'Maternity Tracker: 23014523' window. It features a 'Setting Name' dropdown, 'Save', 'Load', and 'Delete' buttons. The 'Choose View' section has a 'Month' dropdown and 'Select Calving Category to View' options: 'All' (checked), 'Females', 'Males', and 'Twins'. The 'Animal Filters' tab is active, showing 'Filter Conditions' for 'Lactation' (set to '>= (greater than or equal)' and '1') and 'Gestation Length' (From: 1, To: 500, with 'Include unknown gestation lengths' checked). Below are 'Relative Calving Date Type' options (Constant, Reference Date, Last Test Day), 'Calving Date Range' (From: 10/16/2009, To: 10/15/2010), and 'Relative Calving Date Range' (1 Months). Other filters include 'Dry Period Length' (Between 20 and 90, 'Ignore dry period length' checked), 'Calving Ease Score' (Between 0 and 5, 'Include unreported scores' checked), and 'Age at Calving in Months' (Between 20 and 90, 'Ignore calving age' checked).

Potential Questions You Can Answer with Maternity Tracker

- **What was the DOA rate by lactation group for cows that calved in June?** Filters need to be properly set to answer this question:
 - **Calving Date Range:** Set to June
 - Once filter is set, choose “preview.” View can be changed to view these calvings by lactation group.
- **Over the last year, is the DOA rate any different for first lactation calvings from sexed vs non-sexed semen?** Filters need to be properly set to answer this question:
 - **Calving Date Range:** Set to last year.
 - **Lactation:** Set to equals 1. Once the filter is set, choose “preview,” and view by Non-Sexed vs. Sexed.

Output Table

Once filters are defined, choosing Preview will display the table in the default view (by Month). This view can be changed from the table display by selecting the down arrow in "Choose Another View" and selecting a different view. Different views simply present the same data in different ways. Totals will be the same for each view.

List of Animals

The list of animals represented in a particular cell can be displayed by clicking on that cell. The list can be printed, opened in Excel, or assigned to a temp group using icons or the menu.

Excel button

View Options

Table of Calvings

| | TOTALS | Oct-09** | Nov-09 | Dec-09 | Jan-10 | Feb-10 | Mar-10 | Apr-10 | May-10 | Jun-10 | Jul-10 | Aug-10 | Sep-10 | Oct-10** |
|---------------------|--------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| ALL CALVINGS | 2272 | 22 | 261 | 221 | 206 | 179 | 200 | 177 | 139 | 195 | 242 | 275 | 155 | 0 |
| Born Alive | 2217 | 22 | 264 | 215 | 203 | 173 | 189 | 176 | 135 | 191 | 235 | 269 | 145 | 0 |
| Born Dead | 131 | 0 | 11 | 11 | 8 | 7 | 14 | 10 | 8 | 15 | 16 | 17 | 14 | 0 |
| Heifers Born Alive | 1125 | 8 | 131 | 112 | 114 | 82 | 85 | 94 | 62 | 95 | 126 | 132 | 84 | 0 |
| Heifers Born Dead | 62 | 0 | 4 | 5 | 6 | 3 | 8 | 6 | 4 | 2 | 8 | 10 | 6 | 0 |
| Bulls Born Alive | 1092 | 14 | 133 | 103 | 89 | 91 | 104 | 82 | 73 | 96 | 109 | 137 | 61 | 0 |
| Bulls Born Dead | 69 | 0 | 7 | 6 | 2 | 4 | 6 | 4 | 4 | 13 | 8 | 7 | 8 | 0 |
| Freemar. Born Alive | 27 | 0 | 3 | 3 | 2 | 0 | 0 | 4 | 2 | 6 | 3 | 3 | 1 | 0 |
| Aborts | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| % Dead | 6 | 0 | 4 | 5 | 4 | 4 | 7 | 5 | 6 | 7 | 6 | 6 | 9 | 0 |
| % CE Score 1 | 85 | 95 | 90 | 84 | 86 | 88 | 80 | 80 | 78 | 82 | 87 | 87 | 90 | 0 |
| % CE Score 4 or 5 | 7 | 0 | 5 | 4 | 6 | 7 | 10 | 7 | 12 | 12 | 7 | 6 | 3 | 0 |
| % Female | 51 | 36 | 49 | 52 | 57 | 47 | 46 | 54 | 46 | 47 | 53 | 50 | 57 | 0 |
| % Twins | 3 | 0 | 5 | 2 | 2 | 1 | 2 | 5 | 3 | 6 | 4 | 4 | 3 | 0 |
| MALE CALVINGS | 1109 | 8 | 120 | 111 | 114 | 83 | 91 | 89 | 62 | 86 | 128 | 130 | 87 | 0 |
| % of Total Calvings | 49 | 36 | 46 | 50 | 55 | 46 | 46 | 50 | 45 | 44 | 53 | 47 | 56 | - |
| Born Alive | 1065 | 8 | 119 | 107 | 110 | 80 | 85 | 86 | 59 | 85 | 123 | 122 | 81 | 0 |
| Born Dead | 44 | 0 | 1 | 4 | 4 | 3 | 6 | 3 | 3 | 1 | 5 | 8 | 6 | 0 |
| Aborts | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % Dead | 4 | 0 | 1 | 4 | 4 | 4 | 7 | 3 | 5 | 1 | 4 | 6 | 7 | - |
| % CE Score 1 | 90 | 88 | 96 | 89 | 91 | 94 | 85 | 83 | 84 | 86 | 95 | 92 | 92 | - |
| % CE Score 4 or 5 | 4 | 0 | 3 | 5 | 3 | 1 | 4 | 6 | 8 | 8 | 5 | 4 | 2 | - |
| MALE CALVINGS | 1087 | 14 | 127 | 105 | 87 | 95 | 106 | 79 | 73 | 98 | 105 | 134 | 64 | 0 |
| % of Total Calvings | 48 | 64 | 49 | 48 | 42 | 53 | 53 | 45 | 53 | 50 | 43 | 49 | 41 | - |
| Born Alive | 1041 | 14 | 122 | 102 | 85 | 91 | 103 | 77 | 71 | 89 | 100 | 128 | 59 | 0 |
| Born Dead | 46 | 0 | 5 | 3 | 2 | 4 | 3 | 2 | 2 | 9 | 5 | 6 | 5 | 0 |
| Aborts | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |

Excel button

Assign Temp Group button

Excel button

List of Animals

| | TOTALS | Nov-09** | Dec-09 | Jan-10 | Feb-10 | Mar-10 | Apr-10 | May-10 | Jun-10 | Jul-10 | Aug-10 | Sep-10 | Oct-10 | 10** |
|---------------------|--------|----------|--------|------------|-----------|------------|--------|--------|--------|--------|--------|--------|--------|------|
| ALL CALVINGS | 96 | 97 | 108 | 92 | 103 | 115 | 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Born Alive | 96 | 99 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Born Dead | 42 | 6 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heifers Born Alive | 419 | 49 | 45 | 51 | 51 | 53 | 53 | 60 | 58 | 0 | 0 | 0 | 0 | 0 |
| Heifers Born Dead | 42 | 6 | 5 | 2 | 9 | 6 | 4 | 7 | 3 | 0 | 0 | 0 | 0 | 0 |
| Bulls Born Alive | 381 | 46 | 51 | 48 | 51 | 37 | 51 | 52 | 45 | 0 | 0 | 0 | 0 | 0 |
| Bulls Born Dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Freemar. Born Alive | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aborts | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % Dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % Female | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % Twins | 19 | 19 | 5 | 12/29/2009 | 3/26/2009 | 001HO09208 | 1 | F | 278 | 64 | 49 | 0 | 0 | 0 |
| | 53 | 53 | 6 | 12/27/2009 | 3/26/2009 | 097HO04666 | 2 | F | 276 | 62 | 90 | 0 | 0 | 0 |
| | 64 | 64 | 2 | 12/26/2009 | 3/26/2009 | 001HO09208 | 2 | M | 275 | 61 | 42 | 0 | 0 | 0 |
| | 96 | 96 | 4 | 12/31/2009 | 3/26/2009 | 001HO07628 | 2 | M | 280 | 66 | 60 | 0 | 0 | 0 |
| | 115 | 115 | 4 | 12/16/2009 | 3/19/2009 | 001HO08521 | 1 | F | 272 | 81 | 61 | 0 | 0 | 0 |
| | 160 | 160 | 5 | 12/12/2009 | 3/19/2009 | 001HO08220 | 5 | M | M | 268 | 54 | 78 | 0 | 0 |
| | 386 | 386 | 3 | 12/20/2009 | 3/19/2009 | 001HO08521 | 1 | F | 276 | 85 | 53 | 0 | 0 | 0 |
| | 419 | 419 | 3 | 12/30/2009 | 3/26/2009 | 001HO07290 | 1 | F | 279 | 65 | 51 | 0 | 0 | 0 |