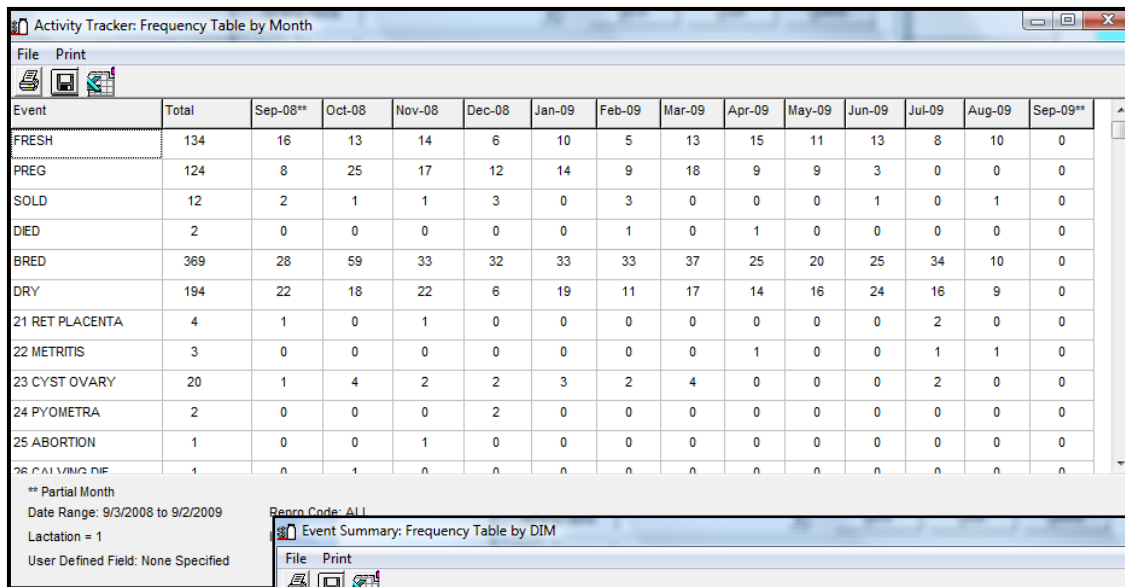


Current producer users will receive your update CD with your mailed DHIA reports for your next test or directly from your local DHIA office. CDs for consultant users have been mailed to your billing address. You can also log on to the website and click on the PCDART Software link to download your update from the web.

New Feature - Activity Tracker

Activity Tracker is accessed from the **Analysis** menu in PCDART. Activities reported include all of your specified health events, along with FRESH, PREG, DRY, HEAT, BRED, SOLD, and DIED events. Report settings can be saved, and any report can be printed or quickly exported to Excel by clicking an icon.

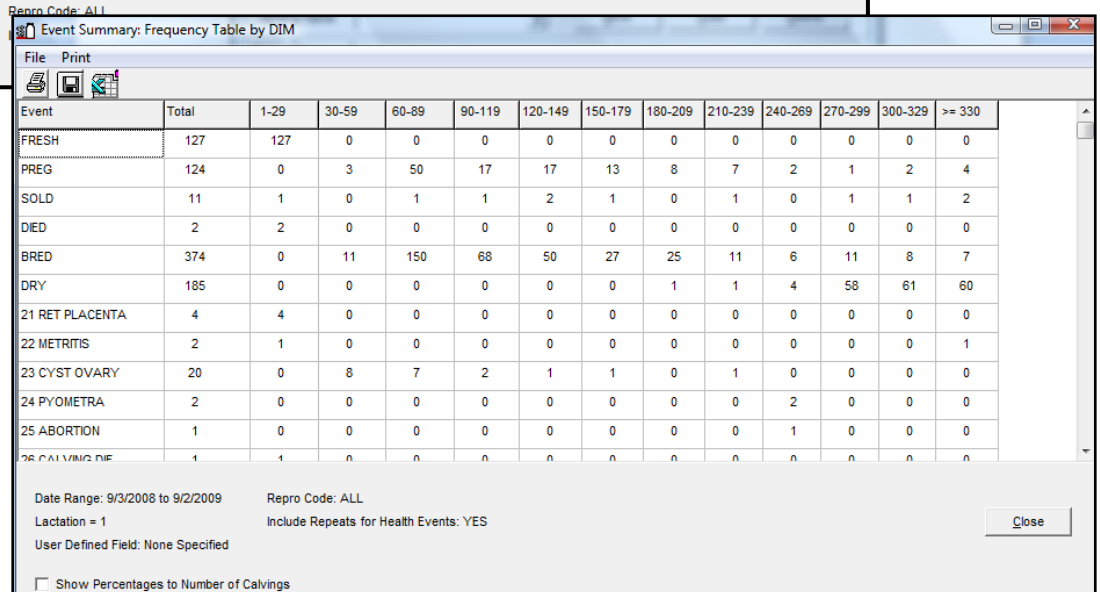


Event	Total	Sep-08**	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09**
FRESH	134	16	13	14	6	10	5	13	15	11	13	8	10	0
PREG	124	8	25	17	12	14	9	18	9	9	3	0	0	0
SOLD	12	2	1	1	3	0	3	0	0	0	1	0	1	0
DIED	2	0	0	0	0	0	1	0	1	0	0	0	0	0
BRED	369	28	59	33	32	33	33	37	25	20	25	34	10	0
DRY	194	22	18	22	6	19	11	17	14	16	24	16	9	0
21 RET PLACENTA	4	1	0	1	0	0	0	0	0	0	0	2	0	0
22 METRITIS	3	0	0	0	0	0	0	0	1	0	0	1	1	0
23 CYST OVARY	20	1	4	2	2	3	2	4	0	0	0	2	0	0
24 PYOMETRA	2	0	0	0	2	0	0	0	0	0	0	0	0	0
25 ABORTION	1	0	0	1	0	0	0	0	0	0	0	0	0	0
26 CALVING DIF	1	0	1	0	0	0	0	0	0	0	0	0	0	0

** Partial Month
Date Range: 9/3/2008 to 9/2/2009
Lactation = 1
User Defined Field: None Specified

Frequency Table by Month

Frequency Table by Days In Milk



Event	Total	1-29	30-59	60-89	90-119	120-149	150-179	180-209	210-239	240-269	270-299	300-329	>= 330
FRESH	127	127	0	0	0	0	0	0	0	0	0	0	0
PREG	124	0	3	50	17	17	13	8	7	2	1	2	4
SOLD	11	1	0	1	1	2	1	0	1	0	1	1	2
DIED	2	2	0	0	0	0	0	0	0	0	0	0	0
BRED	374	0	11	150	68	50	27	25	11	6	11	8	7
DRY	185	0	0	0	0	0	0	1	1	4	58	61	60
21 RET PLACENTA	4	4	0	0	0	0	0	0	0	0	0	0	0
22 METRITIS	2	1	0	0	0	0	0	0	0	0	0	0	1
23 CYST OVARY	20	0	8	7	2	1	1	0	1	0	0	0	0
24 PYOMETRA	2	0	0	0	0	0	0	0	0	2	0	0	0
25 ABORTION	1	0	0	0	0	0	0	0	0	1	0	0	0
26 CALVING DIF	1	1	0	0	0	0	0	0	0	0	0	0	0

Date Range: 9/3/2008 to 9/2/2009 Repro Code: ALL
Lactation = 1 Include Repeats for Health Events: YES
User Defined Field: None Specified
 Show Percentages to Number of Calvings

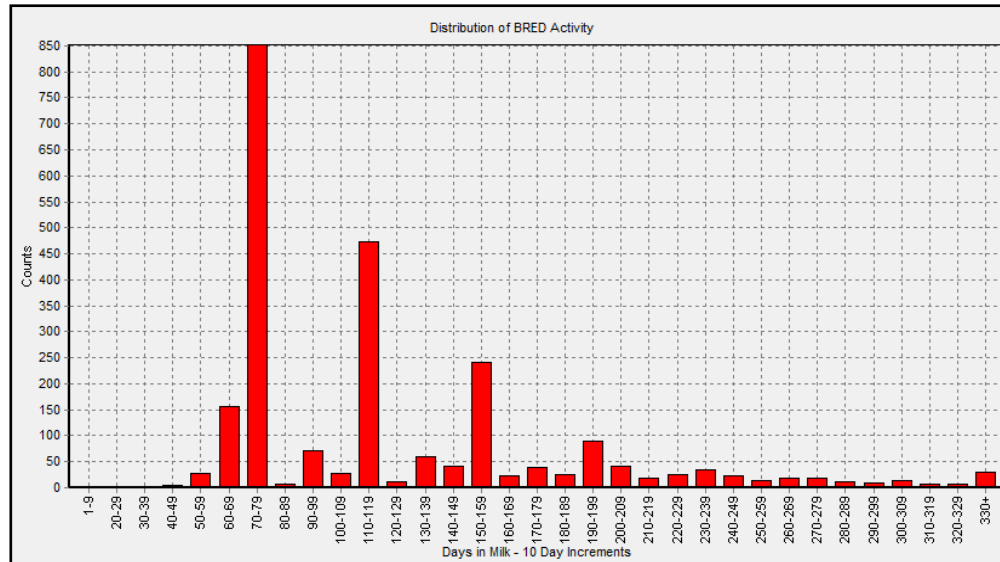
A **Frequency Table** is generated that summarizes Activities over a user-specified period of time for a user-specified group of animals. Each Activity in PCDART is associated with a date or DIM (for animals with lactation > 0). Activities displayed in the table are relative to:

- Lactation status of the cow (you select the Lactation Number) WHEN THE ACTIVITY OCCURRED
- Time period or date range that you select when the activity occurred..
- Days in Milk when the activity occurred

Index	Barn Name	Date	Event DIM	Lact. Num	Repro Code	Cur TD Milk	Cur DIM	Group
8216	MILLICE	2/13/2009	154	1	P	33.5	355	3
8228	THYMEE	2/27/2009	64	1	P	35.6	251	8
8230	GLEE	2/6/2009	63	1	P	78.8	271	3

Activity Tracker also enables you to **drill down** to display a list of cows within the cell. You can access cow pages for these cows with a click of the mouse.

A **Histogram (Frequency Distribution)** can be generated from any cell in the Frequency Table. It can be displayed based on Date, Day of Year, Week of Year, Month of Year, DIM ranges and more.



With Activity Tracker, You Can Find the Answers Quickly

What was the DA rate in my herd for heifers calving in January?

To answer this question we need DA's in the month of January for first lactation cows that were <30 DIM.

- Choose "Constant" Relative Date Type and enter the Date Range Jan 1 to Jan 31 (year must be specified),
- Choose lactation=1, and choose by DIM.
- Move DA Activity (or all events) from Activity List window to Activity Print window.

Report will list DA's 1-29 DIM. By selecting "Show Percentages to Number of Calvings", the DA numbers are divided by Fresh Activities over that time period to approximate a rate.

How many fresh cows < 30 DIM died or were sold during March and April?

- Choose "Constant" Relative Date Type and enter Date Range March 1 to April 30 (year must be specified)
- Choose lactation >0, and choose by DIM.
- Move DIED and SOLD Activities (or all events) from Activity List window to Activity Print window.

The number sold and died are displayed in the column 1-29 DIM.

At what stage of lactation were my older cows being treated for mastitis over the last 2 weeks?

- Choose "Relative To Current Date" Relative Date Type and enter "2" and "Weeks" in Relative Date Range.
- Choose lactation >0, and choose by DIM.
- Move mastitis event(s) (or all events) from Activity List window to Activity Print window.
- Check "Count Animal Repeat" to show Activity counts and not cow counts.

Report will show mastitis activities by DIM for the last 2 weeks.

What was the pattern of heifer freshening over the last year?

- Choose "Relative To Current Date" Relative Date Type; enter "12" and "Months" in Relative Date Range
- Choose lactation=1, and choose by Month.
- Move FRESH Activity (or all events) from Activity List window to Activity Print window.

The report will display Fresh (or all) Activities by month for the last 12 months.

New Features of the 21-day Pregnancy Rate Summary - Report # 126

- 1. Voluntary Wait Period (VWP)** can be defined separately for first lactation cows and 2nd+ lactation cows. Many producers use a slightly longer VWP for first lactation cows, and this new feature allows 21-day pregnancy rate for all cows in the herd to be summarized in one report.
- 2. Any lactation group** can be included in the Pregnancy Rate Summary by Date, which generates a table of 21 day cycles.
- 3. Heifers** - a 21-day pregnancy rate can be generated for heifers (lactation=0). If “heifers” is selected, a VWP in days of age must be entered to generate an accurate report. For heifers, the VWP is the minimum age (in days) that you want to breed heifers.
- 4. “Palpation (Vet Check) Date”** should be the last time the herd was checked for pregnancy. It must be entered for an accurate report. The report is run relative to this date, not the reference date.
- 5. “Earliest Preg Check (days)”** is the minimum days after breeding that a cow is checked for pregnancy. It must be entered for an accurate report.
- 6. Natural service intervals** are calculated for cows with Repro Code T (Turned-with-Bull). Once a cow is Turned-with-Bull (from input desk), all

subsequent cycles are considered natural service. All other intervals are considered AI. On this report, Repro Code S (pregnant with est bred date) will be handled the same way as Repro Code P to designate that an animal has been diagnosed pregnant.

continued on next page

Report 126 in Reproductive Management

Orientation
 Portrait
 Landscape

Paper Size
 Letter
 Legal

Change Font
 Default Font

Setup | Constraints

Palpation (Vet Check) Date: 5/31/2009
 # Months: 9 12

Earliest Preg Check (days): 40

By: Date DIM

Lactations: Heifers Cows
 >= (greater or equal to)
1

Vol Waiting Period (VWP):
 Heif (Age) 427
 Lact 1 50
 Lact 2+ 50

126 12 Month 21-Day Pregnancy Rate by Date

HENRY SMITH - 55999999

Ref Date: 5/31/2009

No Exclusions

Lact>=1 L1VWP:50 L2+VWP:50 PgCk:40

Last Date of 21 Days	----- Bred -----			----- Pregnancies -----			
	#Eligible	#Reported	Pct	#Eligible	#Reported	Rate	#Abort
06-29-2008	673	260	39	653	78	12	4
07-20-2008	683	272	40	662	53	8	5
08-10-2008	718	303	42	702	95	14	7
08-31-2008	714	309	43	696	110	16	13
09-21-2008	693	321	46	670	113	17	18
10-12-2008	728	311	43	694	123	18	8
11-02-2008	751	300	40	716	105	15	12
11-23-2008	779	338	43	755	140	19	1
12-14-2008	764	341	45	745	169	23	9
01-04-2009	724	329	45	704	155	22	10
01-25-2009	695	305	44	688	135	20	15
02-15-2009	688	299	43	682	160	23	10
03-08-2009	660	289	44	645	122	19	9
03-29-2009	644	276	43	630	141	22	7
04-19-2009	618	275	44	599	132	22	6
05-10-2009	593	261	44	0	0		0
05-31-2009	457	253	55	0	0		0
Total	11582	5042	44	10241	1831	18	134

Report 126 Features - continued

7. A cow that is labeled a **Do Not Breed** (Repro Code C) will not be included in Report 126 following the date she was labeled Do Not Breed. Cycles before being labeled Do Not Breed are potentially eligible. **Sold and dead cows** are not included in Report 126 following the date of removal in PCDART. Cycles before date of removal are potentially eligible.
8. **Only breedings and pregnancies** are included in Report 126. A recorded heat observed is not included if there was no breeding.
9. **Apparent Abortions** are listed on the far right column. In PCDART, an apparent abortion is a cow that was diagnosed pregnant, then later was bred or diagnosed open (heats do not trigger an abortion). **Actual abortions** (cows that were more than 152 days pregnant at time of abortion) trigger a new lactation and are not counted.

Milking System Interfaces

- **Upgrades** with several manufacturers.
- **Boumetrix interface** added.
- Added **Support for AfiFarm and Alpro RFID**.
- **Alpro robotic and 5-digit responder support** was added.
- Accept **calving ease data** from **Dairy Plan**.

Cow Graphs

New Database Items added:

- 12 Current 3.5% FCM
- 20 Projected 305 ME FCM
- 163 Current ECM
- 167 Projected 305 Actual FCM
- 168 Projected 305 Actual ECM
- 320 Projected 305 ME ECM

Data Entry

- **Added option to import service sire by index or barn name** for ABS Global and Accelerated Genetics.
- **Heifers can be coded with C in Vet Check** to indicate “do not breed.”

Hoof Care in PCDART

- **Hoof Conditions P19** added as a method to record data concerning the care of hoof,
- **Unwrap and Unblock** options added

PocketDairy

- **Bulls** will now be transferred when heifers are selected.
- **Health History** button was added to the Health Input screen for Palm units so you can view previous health events.
- **Support for new RFID tags** with a different frequency was added.

System Additions

- **RFID** can be used for Dam, Sire, Maternal Grand-sire, and Service Sire identification in all input functions; several reports have been modified to accept RFID for cow, sire and dam.
- **Dashboard** - new graphical feature added to provide an overview of various trends occurring on the dairy.

Reports

New Database Items:

- 169 Production Index (Relative Value %)
- 174 Days In Milk at Conception
- 270 Age in Days 1st Service
- 271 Age in Days Last Service
- 272 Age in Days at Conception
- 301 Last Calving - Age in Days
- 302 Cow Registration Name
- 303 1st Prev Bred Service Sire
- 304 2nd Prev Bred Service Sire
- 367 3rd Prev Bred Service Sire
- 368 4th Prev Bred Service Sire
- 369 Milk Change% (cur/prv)
- 354 Days - Selected Health Items
- 355 Sel Health Days Definition
- 356 Title for Sel Health Codes
- 370 Days since last calving
- 371 On Active Timed AI
- 628 Date of Last Milking
- 629 Time of Last Milking

A complete list of database items is available in PCDART HELP with details on which items can be used to sort, control and subgroup.

- **Report 113** - added “Heifer” and “Both” option
- **Reports 130** (Cow Page) **and 131** (Calf Page) can be selected using Barn Name.
- **Modified several reports to accept RFID** for cow, sire and dam.