Key Performance Parameters

**Production:**
- All Cows
- # Milking
- % Milking
- 'Test Day' Milk (MILK)
- Management Level Milk
- Summit Milk
- Post Peak Monthly Loss

- % > 100 lbs Milk
- Average DIM
- Current 305 ME
- % Fat
- % Protein

**Location in PCDART:**
- Standard Report (SR) 147
- SR 147
- SR 147
- SR 147
- SR 147
- SR 143
- User Report (UR) export TD milk to CSV and calculate (or Persistency Analysis)
- UR control current milk (must calculate %)
- SR 147
- SR 149
- SR 147
- SR 147

**Herd Inventory:**
- # Dry
- % Dry
- % 1st Calf Heifers
- Age at 1st Calving last 30 days
- # Fresh last 30 days
- # Dried last 30 days
- # Fresh & gone last 30 days
- % Heifers Fresh last 30 days
- Average Days Dry / Fresh cows
- % of Fresh with Dry Days < 40
- % of Fresh with Dry Days > 70
- Projected Days Dry / Cows Dried

**Location in PCDART:**
- All Cows – # Milking
- (# Dry/All Cows)*100
- SR 803
- UR control lactation # and calving date
- SR 801
- SR 128
- UR control fresh and date left herd
- UR control lactation # and calving date
- SR 801 or UR control fresh cows
- SR 801 or UR control fresh cows
- SR 801 or UR control fresh cows
- UR and calculations required

**Mastitis:**
- SCC
- SCC for DIM < 30
- SCC of Cows Dried
- 1st Lact. SCC
- 2nd Lact. SCC
- 3+ Lact. SCC
- SCC for DIM < 30, 1st Lact.
- SCC for DIM < 30, 2nd Lact.
- SCC for DIM < 30, 3+ Lact.
- SCC of 1st Lact. Dried
- SCC of 2nd Lact. Dried
- SCC of 3+ Lact. Dried

**Location in PCDART:**
- SR 147
- SR 147
- SR 147
- SR 802
- SR 802
- SR 802
- SR 802 or UR Crosstabs control DIM, subgroup lactation #
- SR 802 or UR Crosstabs control DIM, subgroup lactation #
- SR 802 or UR Crosstabs control DIM, subgroup lactation #
- UR Crosstabs control dry status, subgroup lactation #
- UR Crosstabs control dry status, subgroup lactation #
- UR Crosstabs control dry status, subgroup lactation #
### Key Performance Parameters

#### Reproduction:
- **# Preg. in Herd**: SR 147, 801
- **% Preg. in Herd**: SR 801
- **# Open/Eligible Cows**: SR 801
- **Days Open - All Pregnant Cows**: SR 801
- **Days Open - Not Preg. & DIM > VWP**: SR 801
- **# Not Bred and > 80 DIM**: SR 801 or UR control times bred and DIM
- **% not Bred by 80 DIM this period**: SR 106 by DIM or UR control times bred and DIM
- **% of Eligible Cows not Bred**: SR 801
- **Average DIM @ 1st Service**: SR 801
- **Recent Avg. DIM @ 1st Service**: UR control days open on 1st service and calving date
- **% of Preg. with Days Open > 180**: UR control days open and repro code
- **% of Open/Elig. Days Open > 180**: UR control days open and repro code
- **% Preg. by 150 DIM**: UR control days open and repro code
- **% Pregnant by 115 DIM**: UR control days open and repro code
- **1st Service Conception Rate**: SR 106 by service #
- **Services per Conception**: SR 801
- **Svcs. per Anim. - Breeding Herd**: SR 146 or UR control days since left herd
- **Conception Rate - All Pregnants**: SR 106
- **Calving Interval - Fresh Cows**: SR 801
- **Min. Projected CI - All Cows**: SR 801

#### Turnover:
- **Annual Cull Rate**: SR 129 (must calculate %)
- **Annual Death Rate**: SR 129 (must calculate %)
- **Culling Speed last 30 days**: SR 146 (must calculate %)
- **# Culled last 30 days**: SR 146 or UR control days since left herd
- **# Died last 30 days**: SR 146 or UR control days since left herd and reason left
- **% Culled DIM < 31**: UR Crosstabs control days since left, subgroup DIM
- **% Culled DIM 31 - 60**: UR Crosstabs control days since left, subgroup DIM
- **% Culled DIM 61 - 90**: UR Crosstabs control days since left, subgroup DIM
- **% Culled DIM 91 - 120**: UR Crosstabs control days since left, subgroup DIM
- **% Culled DIM 121 - 300**: UR Crosstabs control days since left, subgroup DIM
- **% Culled DIM > 300**: UR Crosstabs control days since left, subgroup DIM
- **% Culled Dry**: UR control days since left and status dry

#### Health:
- **Event incidence**: Standard Report 105 using controls
- **Chore incidence**: Standard Report 105 using controls
- **Animal incidence**: Standard Report 107 using controls
**Key Performance Parameters**

**Component Analysis:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Location in PCDART:</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Inversions, All Cows</td>
<td>UR control fat-protein ratio</td>
</tr>
<tr>
<td>% Inversions, Lact. 1</td>
<td>UR Crosstabs control fat-protein ratio, subgroup lactation #</td>
</tr>
<tr>
<td>% Inversions, Lact. 2</td>
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<tr>
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<tr>
<td>% of Herd &lt; 250 SCC</td>
<td>UR Crosstabs subgroup SCC Actual</td>
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<tr>
<td>% of Herd 251 - 500 SCC</td>
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**Notes:**

*Many of these variables may be found throughout PCDART in other locations. It is important to note whether the report is relevant to test day or current herd status. Setting the reference day to test day will avoid confounding data.*

*Most standard reports have controls to allow for further selection of data, including the ability to select previous test days for herd history.*

*Reports with the same controls and subgroups can list multiple database items, eliminating the need for multiple reports.*

*Fat-Protein ratio <1.0 indicates inversion.*

*Turnover reports in PCDART will display % of left animals due to controls, so % of herd must be calculated.*