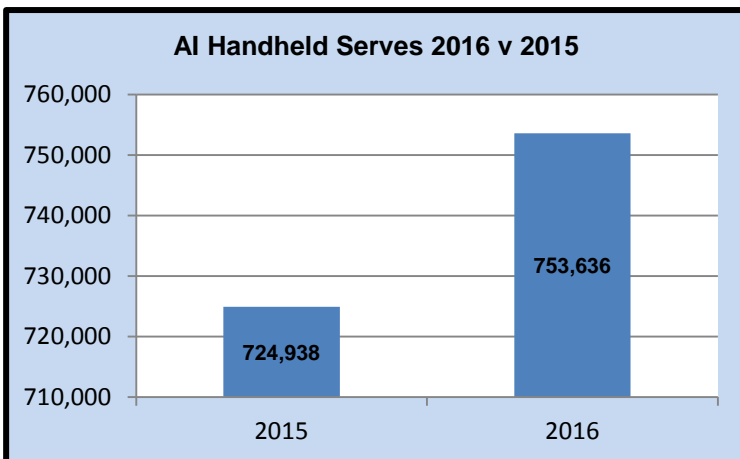
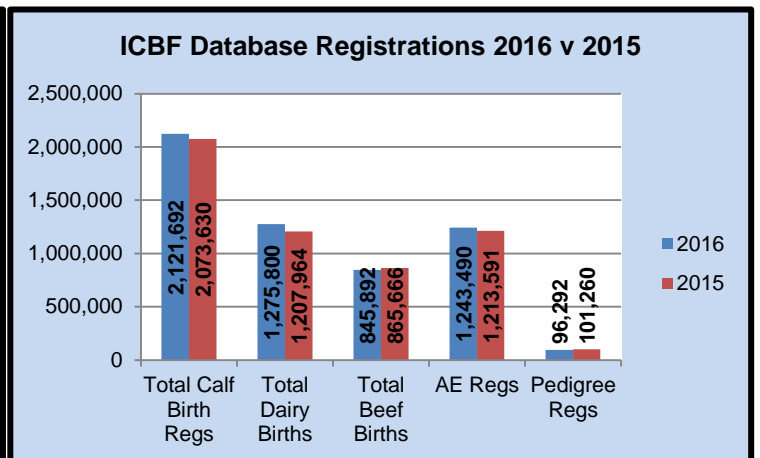
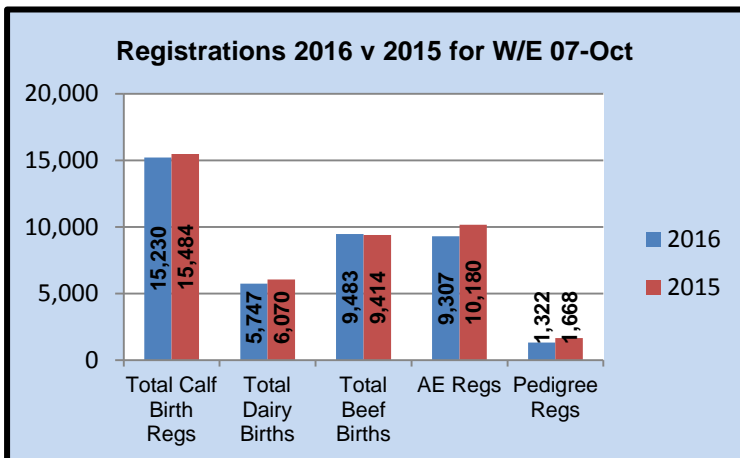


ICBF Weekly Update 7th October 2016

1 Important Dates

- + **ICBF Dairy Industry Meeting** – Wednesday 2nd November 2016 at 14:00, Killeshin Hotel, Portlaoise.
- + **Audit & Finance Meeting** – Monday 14th November 2016 at 14:00, Killeshin Hotel, Portlaoise.
- + **ICBF Board Meeting** – Thursday 24th November 2016 at 10:30, Killeshin Hotel, Portlaoise.
- + **Sheep Board Meeting** – Thursday 24th November 2016 at 14:00, Killeshin Hotel, Portlaoise.

2 Database



- + The stats above are compiled with the assistance of DAFM AIM systems.
- + BVD test results continue to be received at ICBF and are being processed accordingly. There have been 2,819,429 results received since January 1st, of which 51,249 have come in the last 7 days. Since the beginning of the voluntary phase in 2012, 10,147,865 results have now been received.
- + The chart shows Inseminations recorded on AI Handhelds in 2016 compared with 2015.

3 Genetic Evaluations.

- + 14th October is the last date for Data to be recorded ahead of inclusion in the December evaluations. This includes genotypes in the database on this date and the coding of new AI bulls. After this date newly coded AI bulls will not be included in the AI file of new proofs on 13th December.
- + Work is currently ongoing on an update to the dairy genomic evaluations. The main purpose of this is to move to new software to allow the inclusion of more animals in the reference population. An update on this work will be provided at the next Dairy Industry Meeting.

4 Herd Plus®

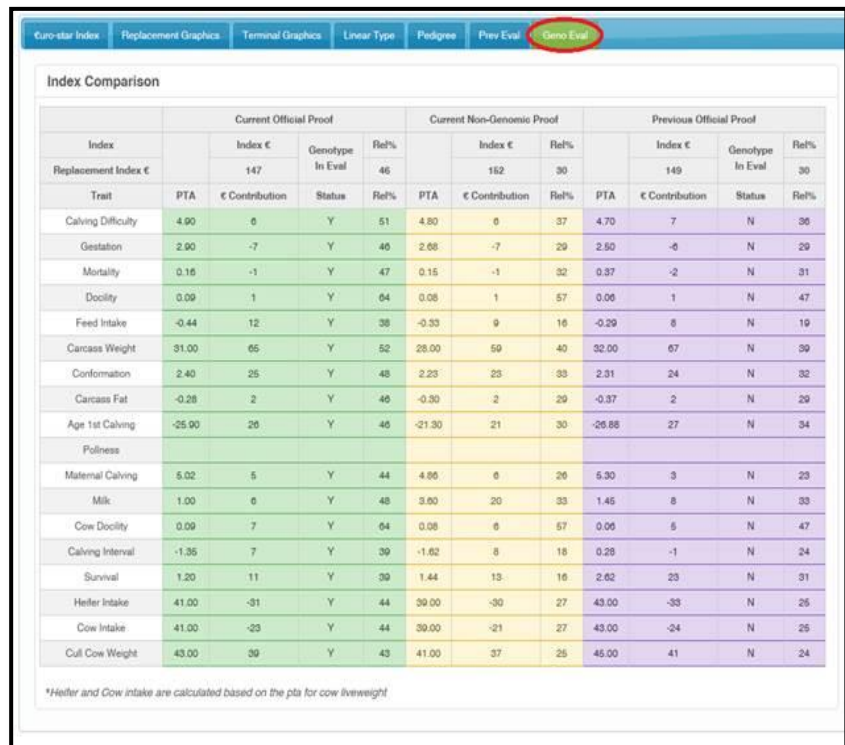
- + The latest HerdPlus EBI reports have been generated and are now available online. They have been dispatched to herd-owners this week. It is important to remember that this run includes the base cow change

which will mean that animals on average will appear to have an EBI of €71 less.

- ICBF have added a new tab to the animal search facility ('Geno Eval' tab) to view the impact of genomics in the genetic evaluations. This new tab now gives users of the animal search the ability to view the impact of genomics versus traditional data.

- ICBF have updated the Beef Breed Percentiles. The new cut off for a 4 star animal across all breeds is €73 and the new cut off for a 5 star animal across all breeds is €91. For full information please click on 'Genetic Evaluations' – 'Beef Results' – 'Breed percentiles (Aug 2016) (Excel)'

- Farmers can now genotype all their female calves which will allow them to make a more informed decision around breeding and culling potential replacements. This service could cost herd-owners as little as €22/head. Please contact HerdPlus on **1850 600 900** or **023 8820452** for further details. Alternatively when logged into HerdPlus, herd-owners can make orders online by selecting 'Services' – 'Genomic Services' – 'Place Order'



The screenshot shows the 'Geno Eval' tab selected in the navigation menu. Below it is an 'Index Comparison' table comparing three different proof types: Current Official Proof, Current Non-Genomic Proof, and Previous Official Proof. The table lists various traits and their associated values for each proof type.

| Index | Current Official Proof | | | | Current Non-Genomic Proof | | | Previous Official Proof | | | |
|---------------------|------------------------|------------------|--------|------|---------------------------|----------------|------|-------------------------|------------------|--------|------|
| | Index € | Genotype In Eval | Rel% | Ref% | Index € | Rel% | Ref% | Index € | Genotype In Eval | Ref% | |
| Replacement Index € | 147 | 46 | | | 182 | 30 | | 149 | 30 | | |
| Trait | PTA | € Contribution | Status | Rel% | PTA | € Contribution | Rel% | PTA | € Contribution | Status | Rel% |
| Calving Difficulty | 4.90 | 6 | Y | 51 | 4.80 | 6 | 37 | 4.70 | 7 | N | 36 |
| Gestation | 2.90 | -7 | Y | 46 | 2.88 | -7 | 29 | 2.80 | -6 | N | 29 |
| Mortality | 0.16 | -1 | Y | 47 | 0.15 | -1 | 32 | 0.37 | -2 | N | 31 |
| Doolity | 0.09 | 1 | Y | 64 | 0.08 | 1 | 57 | 0.06 | 1 | N | 47 |
| Feed Intake | -0.44 | 12 | Y | 38 | -0.33 | 9 | 16 | -0.29 | 8 | N | 19 |
| Carcass Weight | 31.00 | 65 | Y | 52 | 28.00 | 59 | 40 | 32.00 | 67 | N | 39 |
| Conformation | 2.40 | 25 | Y | 48 | 2.23 | 23 | 33 | 2.31 | 24 | N | 32 |
| Carcass Fat | -0.28 | 2 | Y | 46 | -0.30 | 2 | 29 | -0.37 | 2 | N | 29 |
| Age 1st Calving | -25.00 | 26 | Y | 46 | -21.30 | 21 | 30 | -26.88 | 27 | N | 34 |
| Fullness | | | | | | | | | | | |
| Maternal Calving | 5.02 | 5 | Y | 44 | 4.86 | 6 | 26 | 5.30 | 3 | N | 23 |
| Milk | 1.00 | 6 | Y | 48 | 3.80 | 20 | 33 | 1.45 | 8 | N | 33 |
| Cow Doolity | 0.09 | 7 | Y | 64 | 0.08 | 6 | 57 | 0.06 | 5 | N | 47 |
| Calving Interval | -1.35 | 7 | Y | 39 | -1.62 | 8 | 18 | 0.28 | -1 | N | 24 |
| Survival | 1.20 | 11 | Y | 39 | 1.44 | 13 | 16 | 2.62 | 23 | N | 31 |
| Heifer Intake | 41.00 | -31 | Y | 44 | 39.00 | -30 | 27 | 43.00 | -33 | N | 25 |
| Cow Intake | 41.00 | -29 | Y | 44 | 39.00 | -21 | 27 | 43.00 | -24 | N | 25 |
| Cull Cow Weight | 43.00 | 39 | Y | 43 | 41.00 | 37 | 25 | 46.00 | 41 | N | 24 |

*Heifer and Cow intake are calculated based on the pta for cow liveweight.

- Scanned your cows recently? You can now record 'Pregnancy Diagnosis' on ICBF.com. This screen is now available on the new platform and it allows users to record 'Pregnancy Diagnosis' for each breeding female in the herd.

5 GENE IRELAND® Beef

- Sign Ups have begun for the Gene Ireland Beef programme.
- 15 herds taking a total of 230 straws have joined so far.
- The average order is 15 straws per herd.
- Details on the available bulls can be viewed [here](#)
- The flyer will be sent to herd-owners next week.
- To learn more or to order straws please telephone **023 8820452**.
- Approximate total straws ordered to date for the bulls are detailed in graph to the right.

| Code | Name of Bull | Breed | Replacement Index | Straws |
|--------|---------------------------|-------|-------------------|--------|
| AU2365 | Calverstown Koala | AU | €151 | 165 |
| SH2361 | Doon Gladiator | SH | €146 | 470 |
| PI2157 | Kilree Leo | PI | €128 | 360 |
| HE2359 | Arlinstown Special 13th | HE | €123 | 75 |
| SH2360 | Doon Giorgio | SH | €123 | 255 |
| SA2366 | Carrentubber Pinocchio | SA | €120 | 20 |
| BA2357 | Terelton Isaac | BA | €102 | 25 |
| GZJ | Goulding Eamonn ET | AA | €99 | 390 |
| SI2362 | Dermotstown Gigantasaurus | SI | €99 | 350 |
| PT2356 | Macgowan Herd Juno | PT | €98 | 95 |
| CH4068 | Glenville Jasper | CH | €93 | 10 |
| SI2367 | Barnattin George 2 | SI | €92 | 60 |
| CH2363 | Dolland Jefferson | CH | €83 | 320 |

6 Milk Recording

| National Milk Recording Statistics - Herds, Cows & EDIY 07/10/16 | | | | | | |
|--|-----------------------------------|-----------------------------|--------------|--------------------------------------|----------------------------|-------------|
| Milk Recording Organisation | Total Herds Recorded YTD 07/10/16 | No. EDIY Herds YTD 07/10/16 | % Herds EDIY | Total No. Cows Recorded YTD 07/10/16 | No. EDIY Cows YTD 07/10/16 | % Cows EDIY |
| Munster | 3,698 | 1,137 | 31% | 361,277 | 121,298 | 34% |
| Progressive | 2,318 | 943 | 41% | 251,561 | 102,685 | 41% |
| Tipperary | 116 | 52 | 45% | 11,160 | 4,885 | 44% |
| Total | 6,132 | 2,132 | 35% | 623,998 | 228,868 | 37% |

| Recorded Cows by Milk Recording Organisation - Year on Year Comparison | | | |
|--|--|--|--|
| Milk Recording Organisation | YTD 2015 Cows Recorded 01/01/15-07/10/15 | YTD 2016 Cows Recorded 01/01/16-07/10/16 | 2016 vs 2015 Year on Year Difference (%) |
| Munster | 364,468 | 361,277 | -0.9% |
| Progressive | 255,831 | 251,561 | -1.7% |
| Tipperary | 11,793 | 11,160 | -5.4% |
| Total | 632,092 | 623,998 | -1.3% |

7 Sheep Ireland

2016 CPT Breeding Programme

- This week we have been busy preparing for the Central Progeny Test (CPT) AI. Four flocks have now been sponged and the remaining flocks will be sponged over the weekend. At sponging time we are collecting data on several traits including Weights, BCS, Lameness, Dagginess and Mastitis as well as collecting a DNA sample from all the ewes. All of this data will be vital in the development of the new health index. Where possible the cull ewes also had the reason for their culling recorded, this is critical in the development of a longevity index and we would encourage all LambPlus breeders to do the same.
- The average weight of the ewes to date across all the flocks is 72.42kg with an average BCS of 3.57 which is ideal for mating time. More details will be available next week once recording has been completed.



CPT Ram Collection

- We have also been on the road this week, collecting the remainder of the rams from all over the country that were invited to participate in the CPT. Rams are brought to the UCD Lyons Estate "Ram Shed" where they are kept in isolation for three days and then inspected for any health issues before entering the main penned area. Rams are then trained to jump on teaser ewes so that on the day of AI a semen sample can be easily obtained and causing minimum stress to the animal. Rams have their semen quality tested at this point to highlight any potential fertility issues which may result in lower conception rates.

Sean Coughlan Chief Executive, ICBF & Sheep Ireland, Highfield House, Shinagh, Bandon Co. Cork., Phone: +353 238 820 222, Email info@icbf.com. **Registered Office:** Irish Cattle Breeding Federation Society Ltd trading as "ICBF", Highfield House, Shinagh, Bandon, Co Cork. Registered Dublin, Ireland. Registration Number 4914R, Industrial and Provident Societies Acts, 1893 to 1978. Web: www.icbf.com. **Registered Office:** Sheep Database Ltd trading as "Sheep Ireland". Highfield House, Shinagh, Bandon, Co Cork. Registered Dublin, Ireland. Registration Number 465004, Companies Acts 1963 to 2006. Web: www.sheep.ie.

National Milk Recording Results for the 10 day period, 28-SEP-2016 To 07-OCT-2016

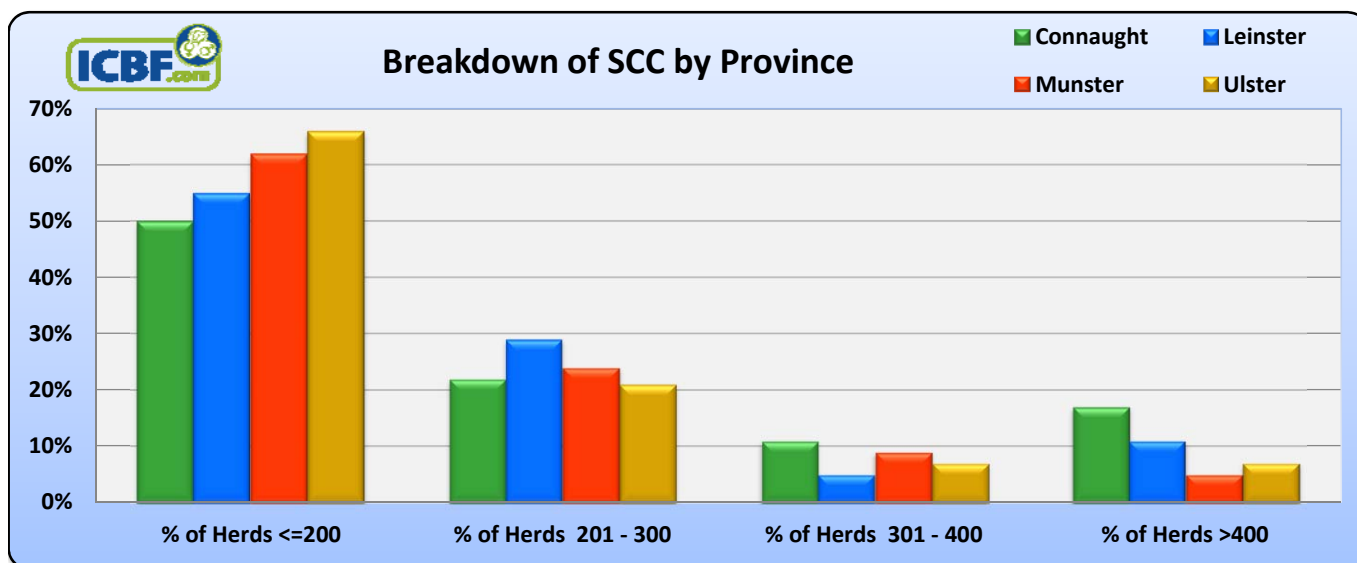
| ICBF | No. Herds Recorded | No. Cows Recorded | Avg Herd Size | Avg Milk kg/Cow | Average Fat % | Average Protein % | Average F+P kg | Average SCC* |
|----------------------------|--------------------|-------------------|---------------|-----------------|---------------|-------------------|----------------|--------------|
| Connaught | 18 | 1,162 | 65 | 17.9 | 4.30 | 3.69 | 1.42 | 179 |
| Leinster | 119 | 12,510 | 105 | 17.1 | 4.47 | 3.77 | 1.40 | 185 |
| Munster | 621 | 55,213 | 89 | 16.4 | 4.45 | 3.87 | 1.36 | 178 |
| Ulster | 29 | 2,181 | 75 | 18.2 | 4.12 | 3.58 | 1.40 | 170 |
| National Statistics | 787 | 71,066 | 90 | 16.6 | 4.44 | 3.84 | 1.37 | 179 |

* Geometric Mean Herd SCC

SCC Distribution for the 10 day period, 28-SEP-2016 To 07-OCT-2016

| ICBF | No. Herds Recorded | No. Cows Recorded | Avg Herd Size | % of Herds <=200 | % of Herds 201 - 300 | % of Herds 301 - 400 | % of Herds >400 | Average SCC* |
|----------------------------|--------------------|-------------------|---------------|------------------|----------------------|----------------------|-----------------|--------------|
| Connaught | 18 | 1,162 | 65 | 50% | 22% | 11% | 17% | 179 |
| Leinster | 119 | 12,510 | 105 | 55% | 29% | 5% | 11% | 185 |
| Munster | 621 | 55,213 | 89 | 62% | 24% | 9% | 5% | 178 |
| Ulster | 29 | 2,181 | 75 | 66% | 21% | 7% | 7% | 170 |
| National Statistics | 787 | 71,066 | 90 | 61% | 24% | 8% | 7% | 179 |

* Geometric Mean Herd SCC



% Herd Breakdown for the 10 day period, 28-SEP-2016 To 07-OCT-2016

| ICBF | No. Herds Recorded | No. Cows Recorded | Avg Herd Size | Best 20% SCC | Best 40% SCC | Average SCC** | Worst 40% SCC | Worst 20% SCC |
|----------------------------|--------------------|-------------------|---------------|--------------|--------------|---------------|---------------|---------------|
| Connaught | 18 | 1,162 | 65 | 86 | 116 | 186 | 228 | 349 |
| Leinster | 119 | 12,510 | 105 | 120 | 172 | 194 | 206 | 264 |
| Munster | 621 | 55,213 | 89 | 119 | 154 | 173 | 192 | 262 |
| Ulster | 29 | 2,181 | 75 | 115 | 153 | 172 | 186 | 255 |
| National Statistics | 787 | 71,066 | 90 | 118 | 155 | 177 | 196 | 263 |

** Percentile Herd SCC Rank (Median SCC)

