

## Animal Health and Welfare Reporting 2019/20

Our customers expect great products and also expect us to take animal welfare seriously when sourcing these products. We are committed to working responsibly in this area and will continue to make progress by supporting best practice in our supply chains. Our Tesco Welfare Approved (TWA) standards are industry leading and independently audited.

Being transparent about our policies, standards and progress is important. To help us identify animal welfare issues concerning physical, mental and behavioural wellbeing in our supply chain, we have a system of reporting on animal welfare outcome measures. Increasingly the industry is using outcomes measures derived from animal-based indicators to assess the net welfare impacts. These measures give an indicator of positive and negative welfare approaches on farm, during transport and up to the point of slaughter. Reporting data is used to evidence compliance with our overarching animal welfare policy requirements, e.g. close confinement, maximum transport times and pre-slaughter stunning, that are applicable to all species. These are then supplemented with a range of species-specific measures.

The indicators we use can be applied under a variety of different conditions (farm, transport and slaughter) and address:

- good feeding
- good housing
- good health
- good handling
- appropriate behaviours

Indicator data is submitted by suppliers on a monthly basis and/or derived as part of our ongoing programme of independent TWA inspections. The data allows Tesco to track and trend relative performance within any given sector and monitor individual supplier performance over time. This is pivotal to our supplier engagement and enables us to support improvement and good practice.

Key measures and trends are reported below. Unless otherwise specified the data relates to own-label product supplied to Tesco UK. These are sector averages for the reporting period April 2019 – March 2020 (across the whole supplying geography) unless otherwise indicated.

## Farm Assurance

In addition to our Tesco Welfare Approved (TWA) Standard which applies irrespective of country of origin, as a pre-requisite 100% of farms supplying us must also be certified to an approved independent assurance scheme, which is compliant with ISO 17020 inspection requirements.

All of our British farms are assured by either Red Tractor or RSPCA Assured and all imported products are assured to a recognised scheme benchmarked for direct UK equivalence. Find below a table of the Farm Assurance Schemes that Tesco recognise.

Scheme	Sector	Higher Welfare Standard
Aquaculture Stewardship Council	Aquaculture	
BEIC – Lion Code	Laying Hens	
BIM Certified Quality Aquaculture	Aquaculture	
Bord Bia Sustainable Quality Assurance Schemes	Beef & Lamb/Poultry & Eggs (Irish)	
British Quality Trout	Trout	
DB Kontrol	Pigs and Poultry (Danish)	
Debio	Aquaculture (Organic)	x
Englandsgrise	Pigs (Danish)	
FAWL	Farm Assured Welsh Lamb	
GenesisGAP Chicken	Poultry	
GenesisGAP Duck	Poultry	
GenesisGAP Pig Standard	Pig	
GlobalGAP	Aquaculture	
IKB Kip	Chicken	

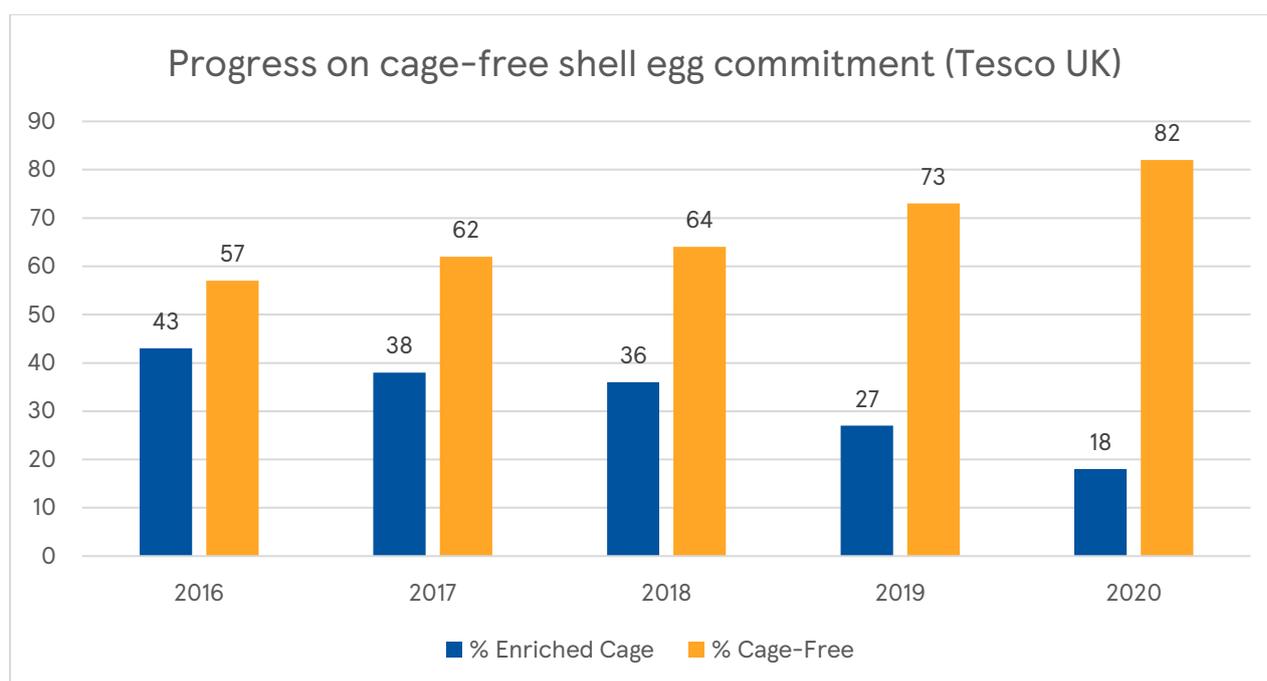
IKB Nederlands Varkens (+ Welfare Module)	Pigs	
IKB Varkens (+Welfare Module)	Pigs	
Lloyds Register Poultry Scheme (Platinum & Gold)	Poultry	
Naturland		
NIFQAS	Pigs, Poultry, Beef & Lamb	
Organic* EU Regulation (EC) No 834/2007 and 889/2008 <sup>1</sup>	Prawns	x
Organic* Farmers & Growers	All	x
Organic* Food Federation	All	x
Organic* Trust	Trout	x
PAI International Pig Standard	Pigs	
QS (+ Welfare Module for Pigs)	All	
Quality Meats Scotland	All	
Red Tractor	All	
Red Tractor – Enhanced Welfare Module	Chicken	X
RSPCA Assured	All	x
SKAL*	All (organic)	x
Soil Association*	All (organic)	x

\*To be compliant with Regulation (EU) 2018/848 coming into force in January 2021

## Close confinement

The Tesco Animal Welfare Policy stipulates that close confinement systems must actively be avoided. Within all of our species-specific requirements we specify the maximum livestock allowed in an area to avoid close confinement. We define this by the species and production system, based on welfare monitoring, legislation and evidence based best practice approaches.

Implementation is ongoing, but there is progress across all sectors.



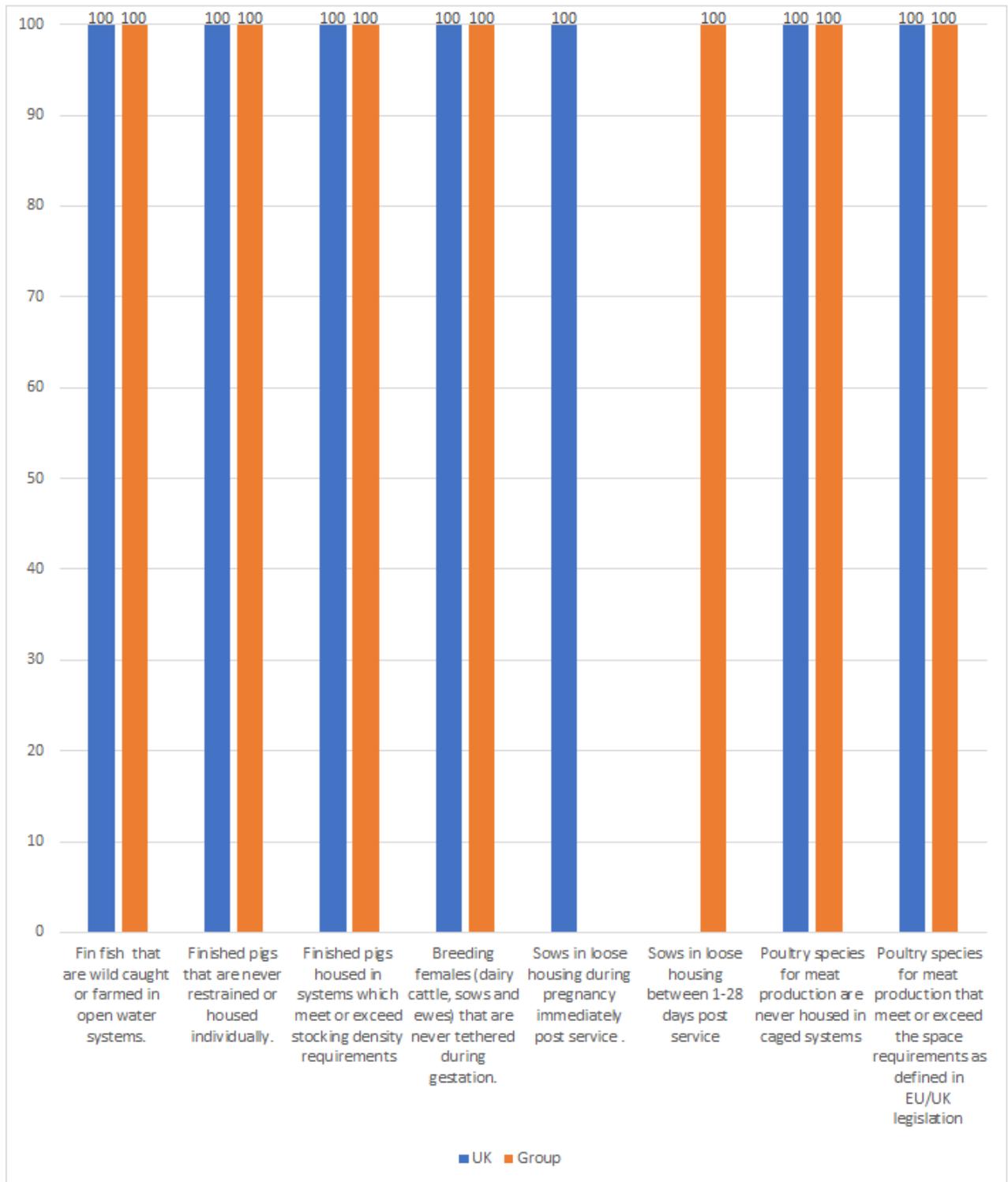
- 100% of own-label fin fish across the Tesco Group are either wild caught or farmed in open water systems.
- 100% of own-label finished pigs across the Tesco Group are housed in systems which meet or exceed stocking density requirements and are never restrained or housed individually.
- 100% of breeding females (dairy cattle, sows and ewes) producing own-label products across the Tesco Group are never tethered during gestation.
- 100% sows producing own-label meat across the Tesco Group are not confined in stalls during pregnancy post service.
- 100% of our UK Finest\* pork (whether sold as a cut, further processed product or recipe ingredient) is outdoor bred in systems where sows farrow in loose housed (arc) accommodation.
- 100% of poultry species for own-label meat production across the Tesco Group are never housed in caged systems and meet or exceed the space requirements as defined in EU/UK legislation.



100% of the pigs used in the Tesco Group supply chain are free from stalls in line with European legislation (within 28 days post-service). 100% of the pigs entering UK stores are free from stalls in line with UK legislation (immediately post-service).



100% of the total Group own-label dairy supply chain is free from routine tethering.



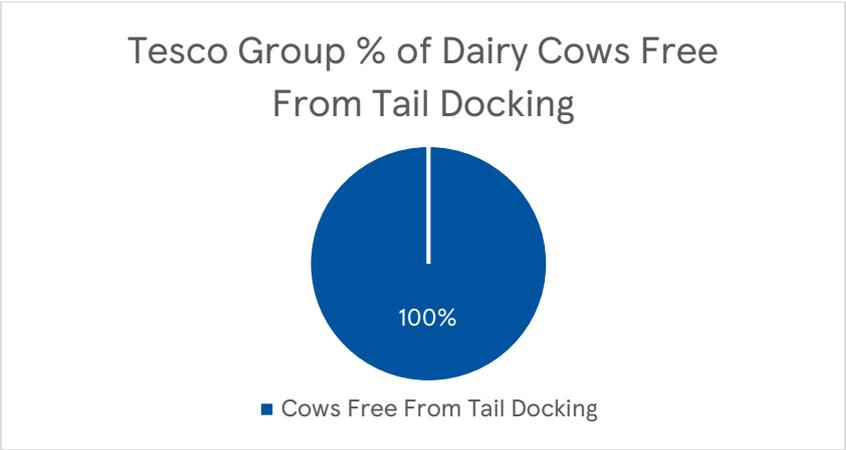
## Routine physical/surgical interventions

Tesco encourages farming practices that reduce the need for management mutilations. At present tail docking of dairy cattle, beak trimming in commercial meat chickens, fin clipping of fin fish, dubbing of cockerels and mulesing of lambs is not practiced by any producers across all businesses and geographies (own-label).

None of our UK or Dutch finished pigs are castrated and Tesco supports the work of the [EU Pig Innovation Group](#); exploring methods of raising entire male pigs within EU pig supply chains as an alternative to surgical castration. 100% of our Italian finished pigs used in a range of our specialty continental meats for Tesco UK are free from tail docking and teething clipping.

100% of commercial meat chickens are free of any surgical intervention.

Procedure	Species/Sector	% Free of Mutilation
Tail docking	Dairy Cattle (Global)	100%
Mulesing	Lamb (Global)	100%
Beak Trimming	Meat Chickens (Global)	100%
Beak Trimming	Organic Layers (Global)	100%
Dubbing	Breeder Chickens (Cockerels, UK)	100%
Castration	Finished pigs (NL and UK)	100%
Tail docking	Finished Pigs (IT);	100%
Teeth Clipping	Finished Pigs (IT);	100%
Fin Clipping	Fin Fish (UK)	100%



100% of the total Group own label dairy supply chain is free from tail docking.

**Transport and fitness to travel**

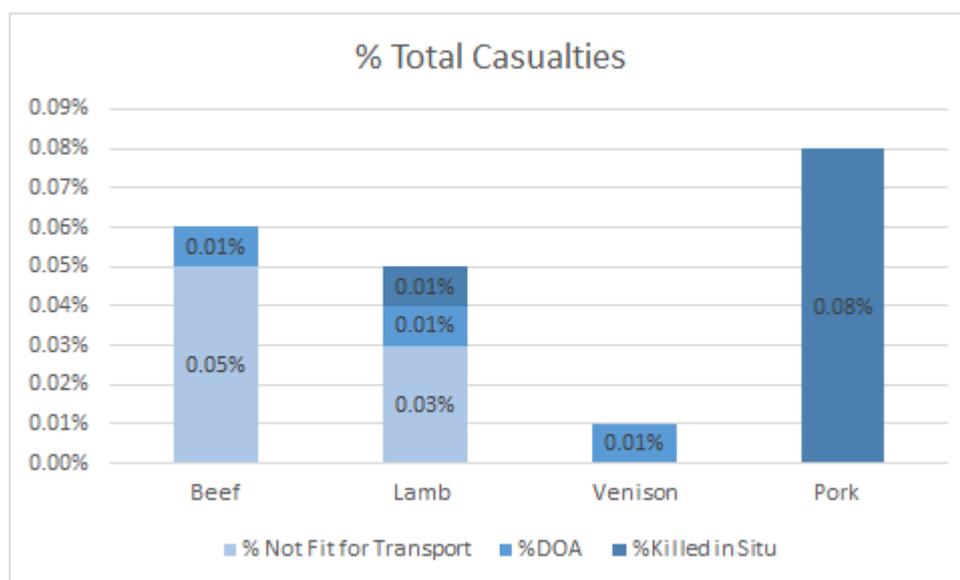
Self-reported data from all suppliers producing own-label product for all Tesco businesses across all geographies shows 100% of transport times from farm to slaughter to be 8 hours or less over land. At least 80% of farm to slaughter transport times (own-label and branded) across the Tesco Group are 8 hours or less. Independent third-party inspection data confirms that 100% of our beef cattle, lamb, pork, broiler chickens, ducks and turkeys destined for Tesco UK own-label products, travel from farm to slaughter within 8 hours.

Transportation of aquatic species poses different challenges. For this reason Tesco actively encourages the humane slaughter of fin fish and crustacea in-situ i.e. at the site of final grow on. Where this is not possible our TWA Standards stipulate strict criteria for water quality parameters e.g. dissolved oxygen and the associated monitoring required.

Species	% Transport less than 8 hours (Tesco Group, own-label)
Broiler Chicken	100%
Turkey	100%
Ducks	100%
Pigs	100%
Cattle	100%
Lamb	100%

It is however, recognized that transport is an inherently stressful process and it is of absolute importance that only those animals considered fit are loaded on farm and that transport practices maintain the welfare of the animal in transit.

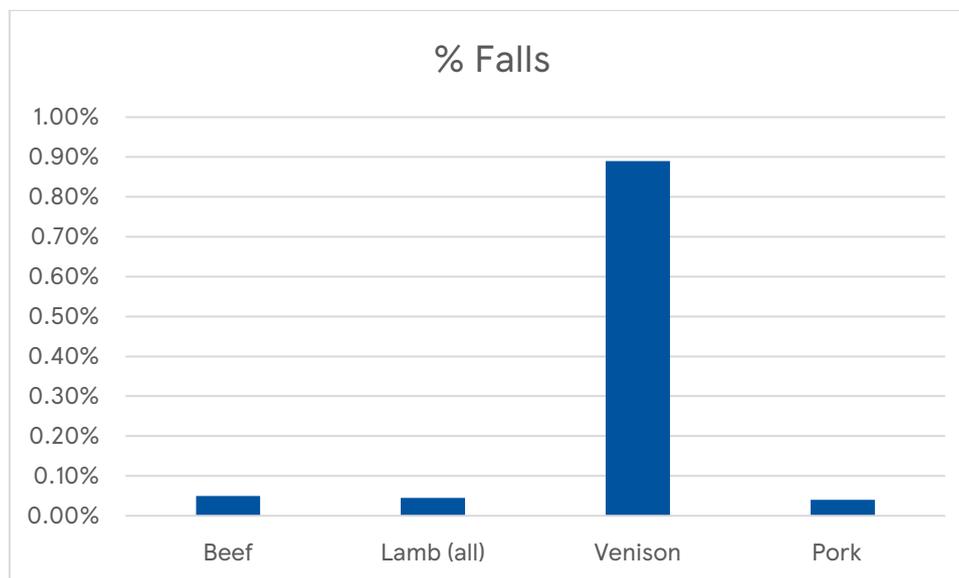
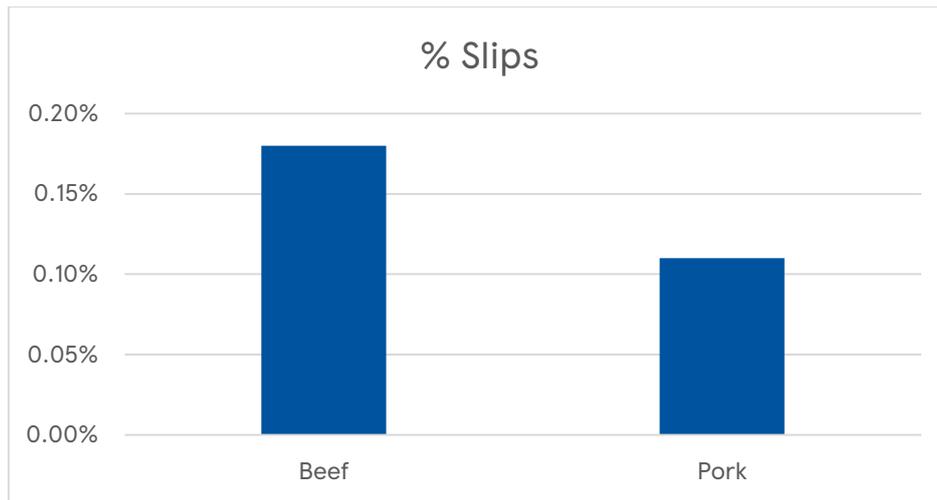
The cumulative proportion of animals considered not fit for transport, dead on arrival or requiring euthanasia is recorded and closely monitored for example, highlighting seasonal trends and the impact of weather conditions on transport experience.



Year-on-year trends indicate that the proportion of casualties across the supply base as a whole is static and inter-site variation is a more significant aspect which we work with suppliers to understand and address as necessary.

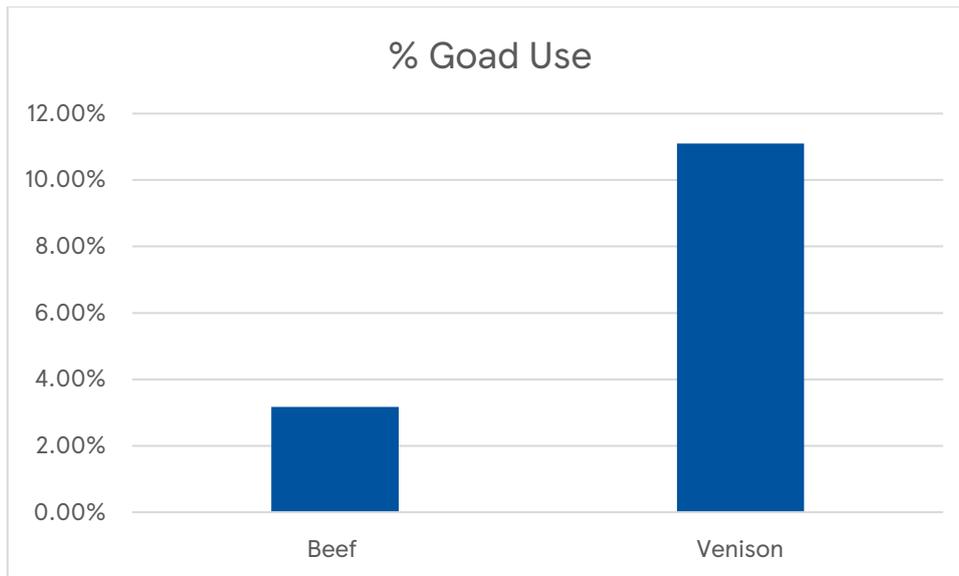
### **Animal handling**

It is recognised that loading and unloading animals onto livestock vehicles can be inherently stressful and as such Tesco require that unloading is assessed and subsequently verified as part of the independent third-party inspection process (both from live observation and historic CCTV footage). Slips and falls are monitored for cattle and pigs; the inherent assessment challenges mean that only falls are recorded for lamb and venison.



There is a consistency of outcome across beef, lamb and pork sectors. The higher percentage seen in venison reflects both the smaller total numbers processed (and so any individual instance has a proportionately greater result) but also the nature of deer as a species. This is similarly reflected in the figures for percentage goad use.

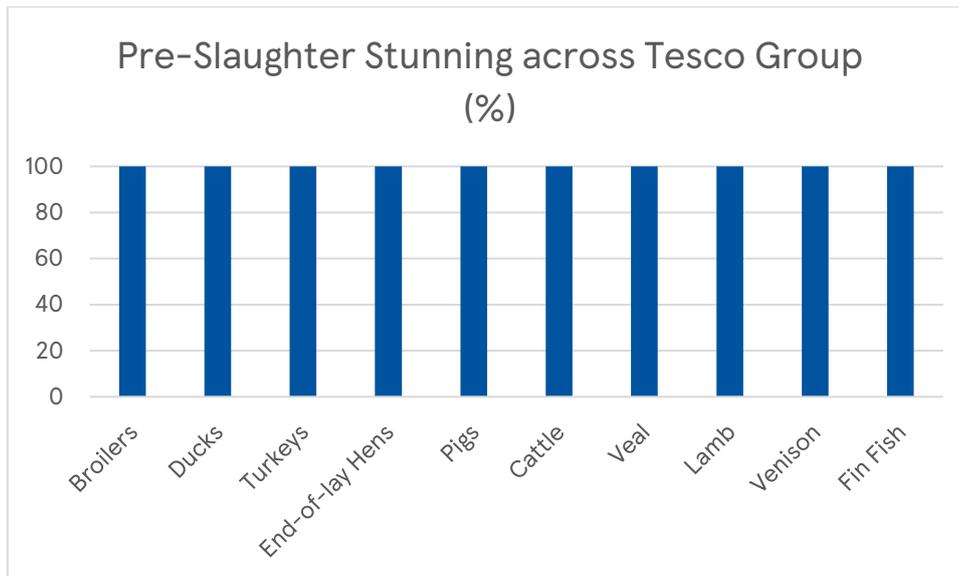
Goad use is prohibited across the Tesco Supply Chains for lamb and pigs. It is permitted (subject to strict conditions of use) for beef and venison where the size of the animal and the safety of personnel have to be considered when trying to ensure animals are moved with least overall intervention and net welfare impact. Where goad use is high and/or accompanied by other welfare indicators such as vocalization, Tesco would require review of handling facilities and practices to resolve any issues.



## Slaughter

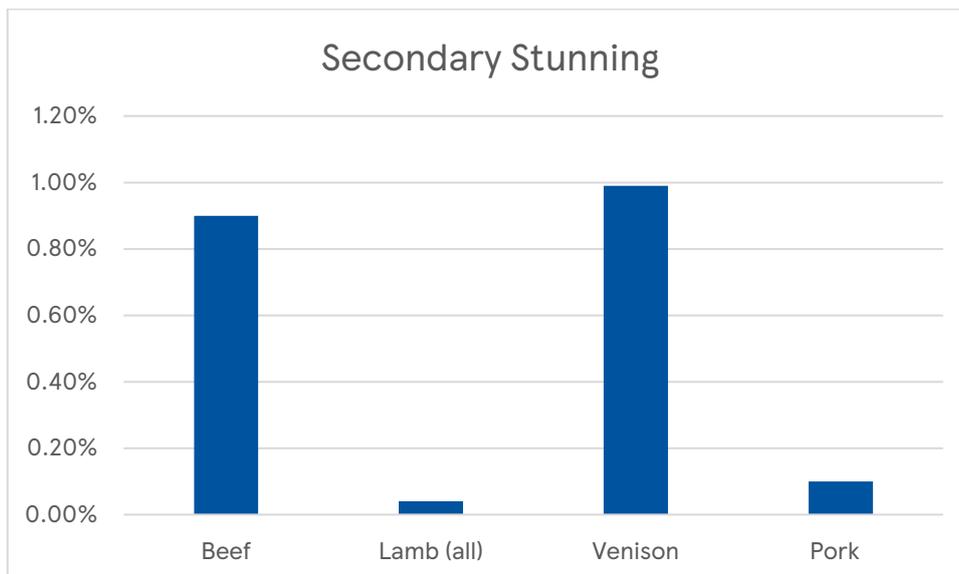
The Tesco Group Animal Welfare Policy requires that all livestock species are pre-stunned in accordance with European regulatory requirements (Regulation 1099/2009 EC). This is irrespective of geography or species and includes branded products, with the exception of a small number of designated and clearly labelled branded concessions subject to religious slaughter policies. While there is currently no statutory requirement for fish to adhere to prescribed methods of stun and slaughter, Tesco suppliers of salmon, trout sea bass and sea bream have adopted industry best practice i.e. electrical stunning prior to slaughter. Where poultry species are sourced from Halal approved sites this is strictly limited to those that accept electrical stunning as part of the process. Stunning practice and procedure is verified during independent audit and the effectiveness of stun and slaughter processes now constitute elements of our outcome measures.

100% pre-slaughter stunning of all species (own-label and branded, excl. religious slaughter) entering all Tesco Group stores and where methods have been limited e.g. chill-kill of shrimp, Tesco are actively supporting the introduction of instantaneous electrical stunning systems. Accounting for the limited number of branded concessions subject to religious slaughter policies, at least 99% of animals destined for Tesco Group (own-label and branded) are stunned before slaughter.

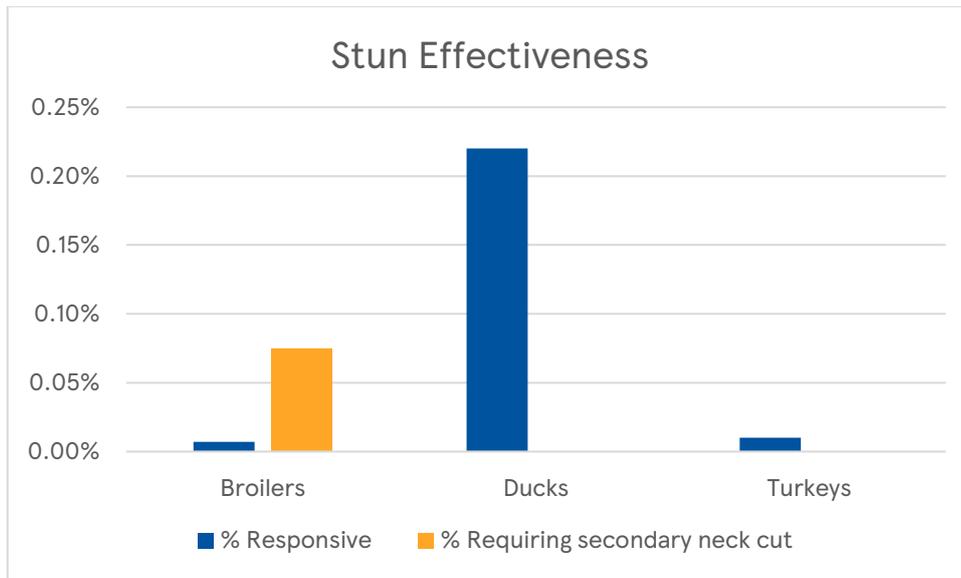


### Secondary stunning

In addition to requiring that all species are pre-slaughter stunned we recognise that the effectiveness and consistency of stunning is crucial to animal welfare during the slaughter process. Where possible we favour the use of methods that result in an irrecoverable stun (stun-kill) such as Controlled Atmosphere Stunning (CAS) systems used in a majority of our pig and poultry supply chains. Where electrical or percussive systems are used then our suppliers report on the percentage of animals that require a secondary or ‘back-up’ stun.

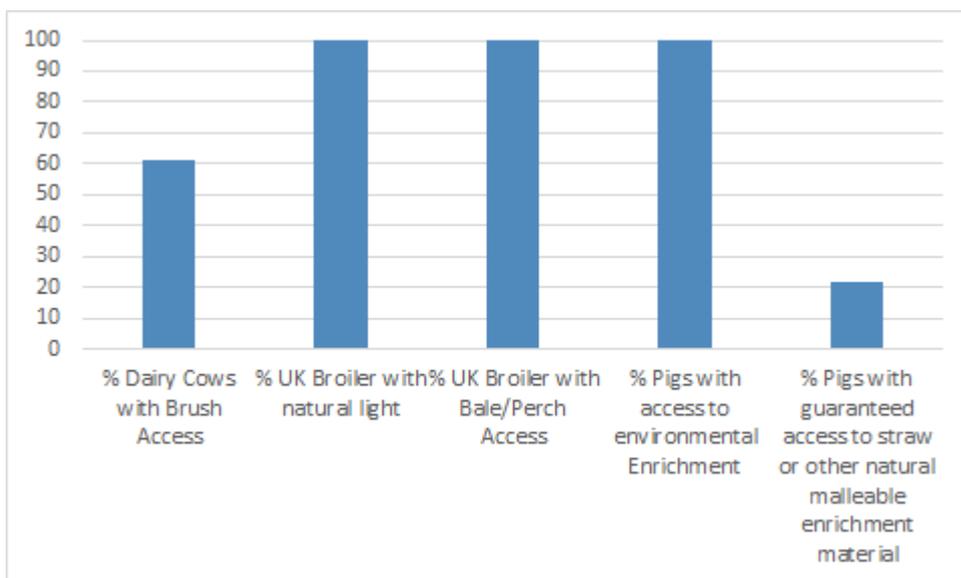


The higher figures seen in our beef and venison supply chains are a reflection of a proportion of ‘health and safety’ stuns to minimise spontaneous post-stun movement.



Electrically stunned poultry may show some post stun responsiveness in a minority of cases. Similarly, where an individual misses the automated neck cut a manual back up will ensure that 100% of birds are effectively processed. Both these parameters are carefully monitored to ensure animals are insensible throughout. Tesco promotes the use of CAS systems that induce an irrecoverable stun-kill. These systems are widely used in broiler and turkey supply chains (hence the lower values for responsiveness post stun). Duck physiology makes the application of CAS systems more difficult and the higher responsiveness figure is associated with electrical stunning systems.

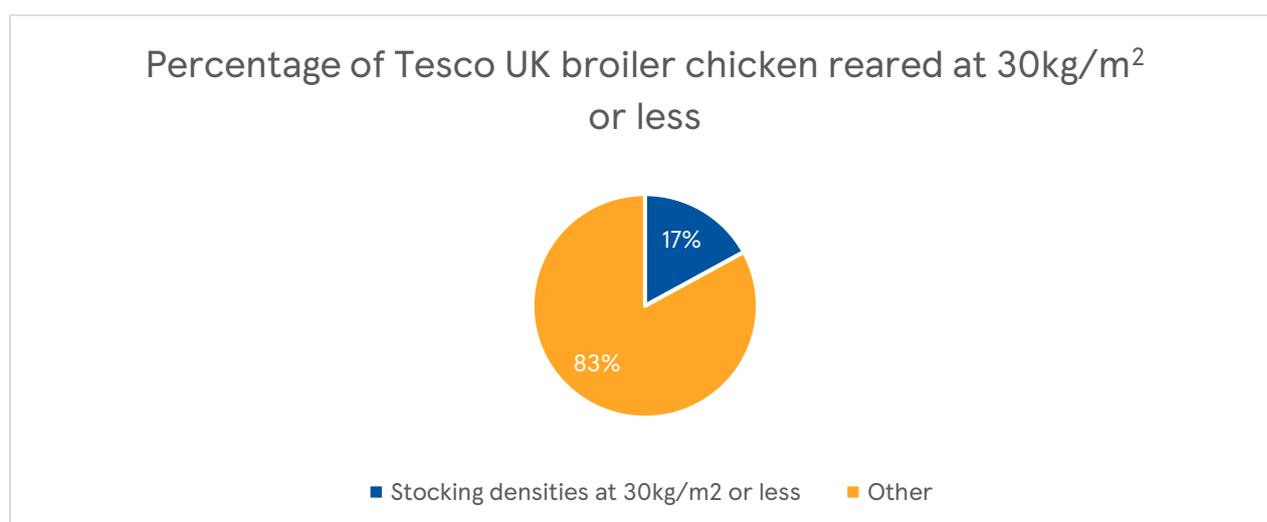
### Cross-species enrichment



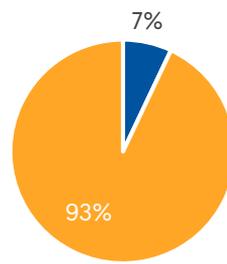
The provision of an environment that supports the display of a range of natural behaviours is crucial and can be important even in more extensive production systems e.g. dairy. We collate data in relation to those producers meeting aspirational standards including the provision of cow brushes (61%) as well as enrichment requirements which are absolute in other standards such as the provision of natural light and perches and bale substrates for UK broilers (100%) and the provision (and type) of enrichment supplied to pigs. Pig enrichment must satisfy key characteristics in order to be considered optimal (farm level guidance is that enrichment is compliant with COMMISSION RECOMMENDATION (EU) 2016/336 of 8 March 2016 on the application of Council Directive 2008/120/EC laying down minimum standards for the protection of pigs as regards measures to reduce the need for tail-docking) and where this cannot be achieved through the provision of a single substrate such as straw then a variety of different enrichment types must be provided which collectively meet behavioural needs.

100% of all pig management systems are provided with enrichment and all of our Finest\* pork is finished in straw based systems satisfying the criteria for optimal enrichment at each life stage. Enrichment is key to pig production across all Tesco geographies. It applies to all product ranges including our Continental Meats.

Higher welfare production systems can also be an element of an enriched environment. Tesco engages with the promotion of enhanced welfare systems and has added 'Room to Roam' (a slower growing bird raised at 30kg/m<sup>2</sup> or below) to the existing higher welfare offerings of Finest\* (Free-Range) and Organic. Across the global supply base delivering into Tesco UK, 17% of broiler chicken comes from birds raised at 30kg/m<sup>2</sup> or below, and 7% from slower-growing breeds. 22% of UK finished pork production is sourced from outdoor-bred systems which ensure loose farrowing i.e. no farrowing crates.

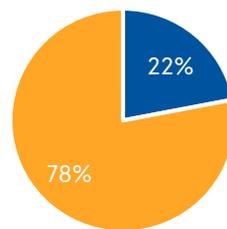


### Percentage of Tesco UK broiler chicken sourced from slower-growing breeds



■ Slower-growing breeds ■ Other

### Percentage of Tesco UK pig meat sourced from outdoor (free-farrowing) systems



■ Outdoor (free-farrowing) ■ Other

## Species-specific

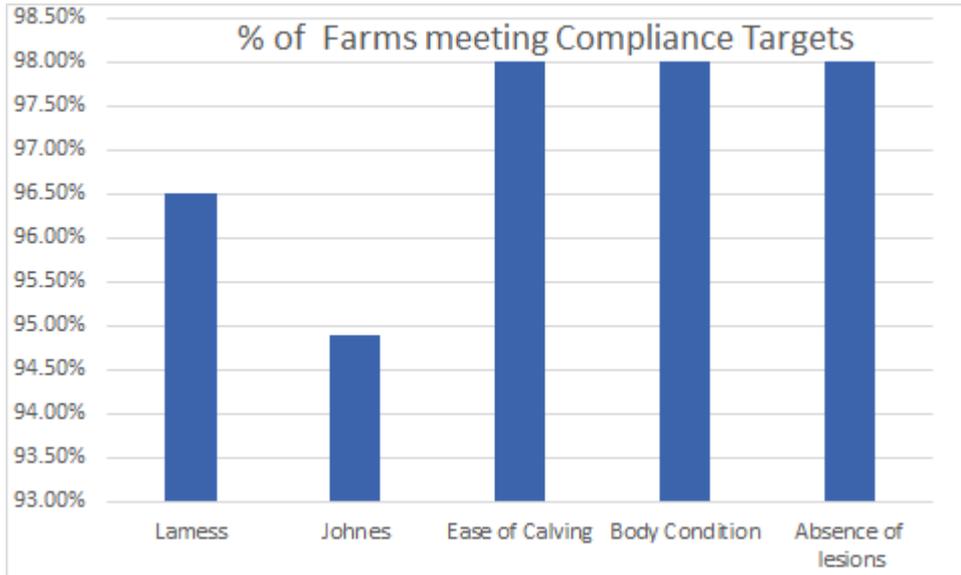
### Dairy Cattle

Members of the Tesco Sustainable Dairy Group (TSDG) are independently assessed at farm level to track and trend performance against key welfare indicators. Variables and associated compliance targets are provided below. Data is submitted quarterly, on every cow.

Assessment Variable	Target
Mobility (lameness)	Herd average <20%
Johnes Disease	100% of farms with Johnes disease not present in 98% of herd
Calving	< 5% cows require assistance at calving
Skin (Hock) Lesions	< 5% cows demonstrate any form of hock lesion
Body Condition Score	95% of cows to achieve a body condition score of 2 or above.

There has been a significant year-on-year improvement in cattle mobility. This equates to an improvement from 70% of herds within mobility targets in 2017 to 96.5% during the latest recording period. This is evidence of the emphasis on and the attention to preventative foot care regimes.

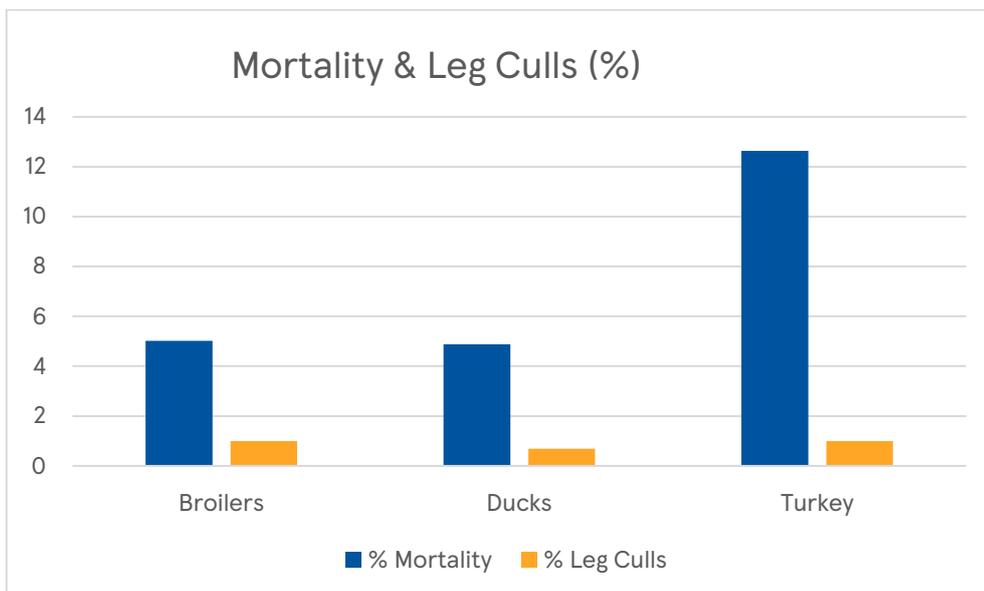
There is a high proportion of farms meeting compliance targets, indicating that key management considerations such as nutrition, housing and health care are consistently being met. More exacting targets set for absence of skin lesions and acceptable body condition reflects Tesco Sustainable Dairy Group continued driving of higher standards.



## Poultry

### Mortality

Mortality is the measure of those animals that die or are euthanased on farm as a consequence of conditions such as disease or injury. Mortality levels vary with species and external factors such as seasonal fluctuation and a range of environmental conditions, which in turn can be a consequence of geography. Understandably it is a key measure of on farm welfare across our global poultry supply base and one which is closely monitored. In this way best practice which minimises on-farm mortality can be identified and supported across the supply base through the application of targeted health plans.

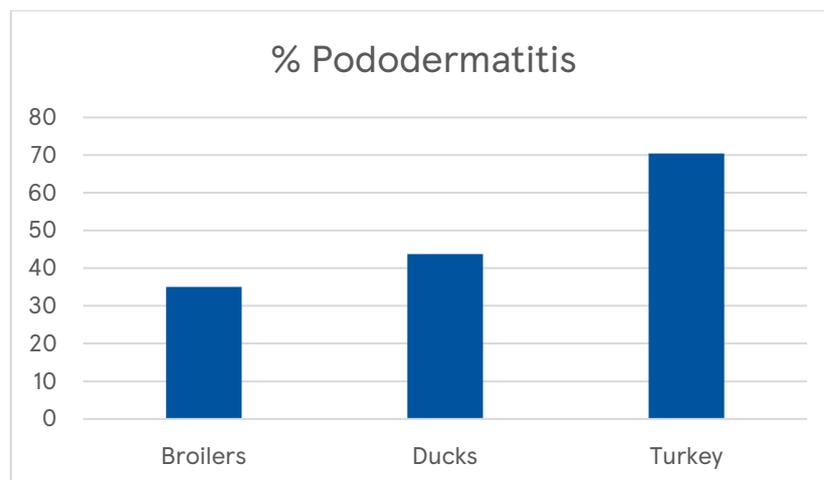


## Leg culls associated with leg weakness

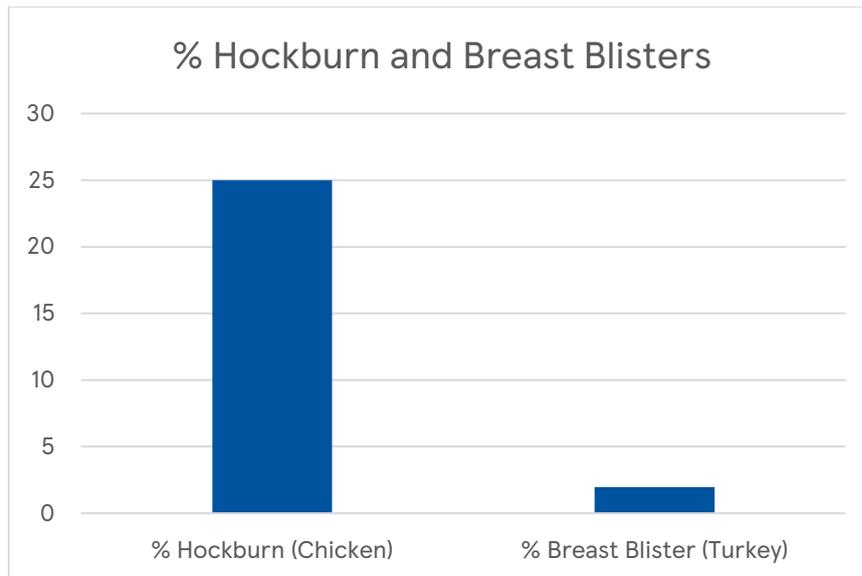
A specific data sub-set within mortality figures relates to the proportion of birds requiring culling for reasons associated with leg weakness. Mobility in poultry species is an area of focus hence leg health is key irrespective of breed. The percentage of birds culled for leg issues is consistent across species and is fairly static. It also indicates that sites as a whole take a proactive approach to managing bird mobility.

## Lesions

Tesco is committed to housing systems and environmental management that ensure the occurrence of foot pad lesions (pododermatitis) in chickens, ducks and turkeys, leg lesions (hockburn) in chickens and breast blisters in turkeys are minimised. Tesco liaise with individual suppliers and communicate evidence of good practice and associated on farm management where individual suppliers are achieving significantly lower figures than the average but equally endeavour to recognise and understand those factors including seasonality and environmental challenges which have a significant impact on recorded levels.



It is important to note that Tesco do not recognise the incidence of an acceptable level of pododermatitis or hockburn and unlike many scoring systems which only report on the presence of more severe lesions the Tesco figures represent absolute values i.e. where there is any indication of contact redness or abrasion, however minimal.

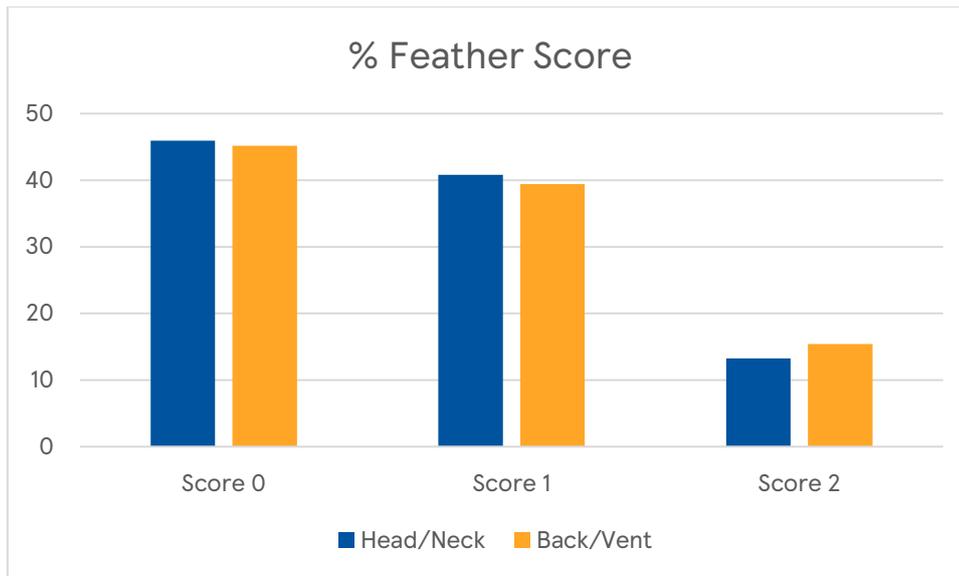


All the figures for mortality, leg culls and lesions are evaluated in the context of trend usage of antibiotics, as it is recognised that responsible use and reduction strategies can pose additional management challenges and this cannot be at the expense of animal welfare.

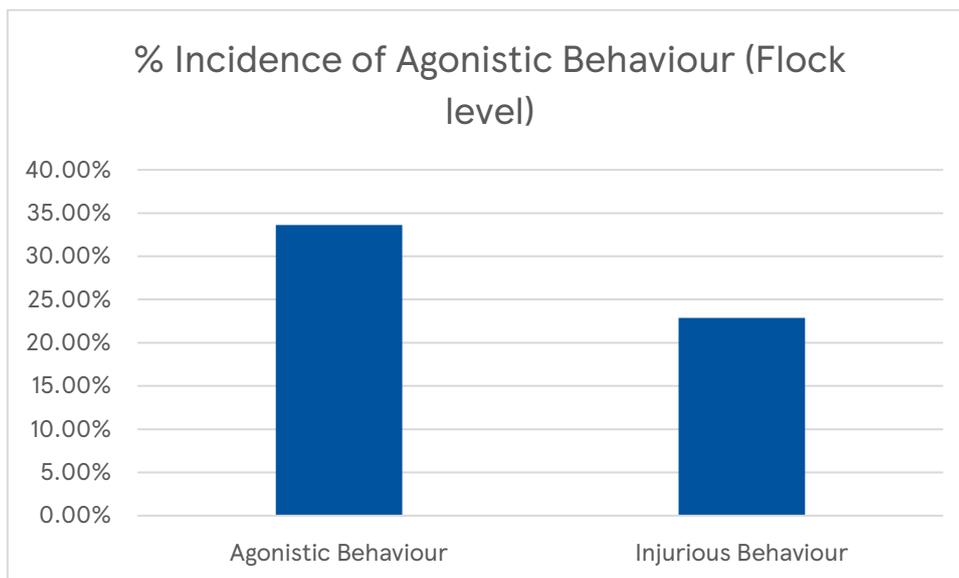
## Laying Hens

### Feather Coverage

Tesco recognises the impact that injurious pecking behaviours have in laying hen flocks and encourages the implementation of strategies as outlined by the Bristol University FeatherWel initiative in order to minimise occurrence. Tesco require that the incidence of agonistic (vocalisation) and injurious (pecking) behaviours are recorded and that feather coverage is assessed and scored in all commercial egg laying flocks from 40 weeks of age. This enables producers to monitor conditions or behaviours that may result in feather loss and respond accordingly. A score of 0 indicates complete feather coverage, while a score of 2 indicates a degree of feather loss. These scores are independently verified during assessments. The majority of birds retain all or most of their feather coverage whilst in lay and only a minority of flocks have evidence of agonistic behaviours.

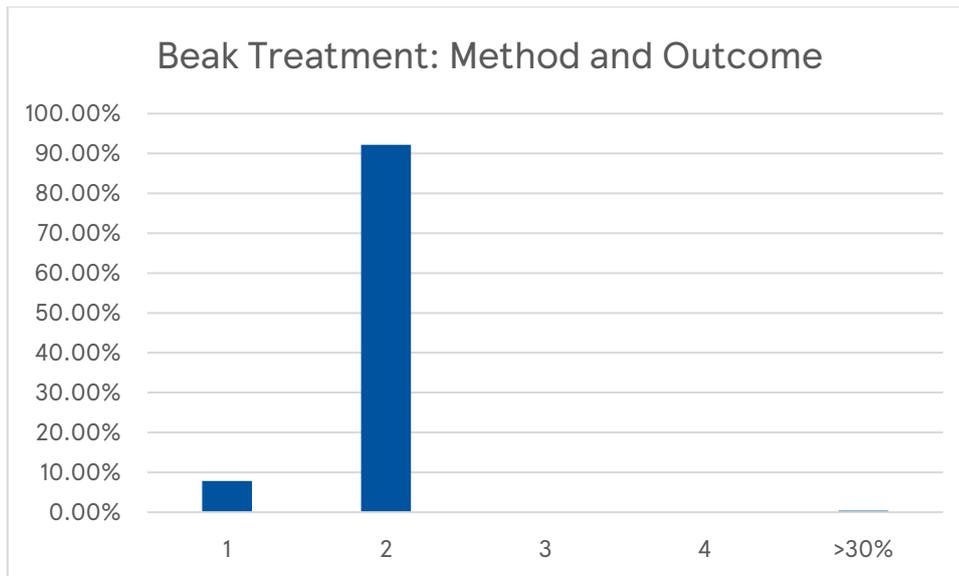


There has been an improvement in feather coverage and associated scores since 2018 with a reduction of approximately 6% in the total number of birds assessed as scoring 2 for either head/neck or back/vent coverage. Similarly the number of birds scoring 0 (full feather coverage) throughout the laying period has increased.



### Beak Treatment

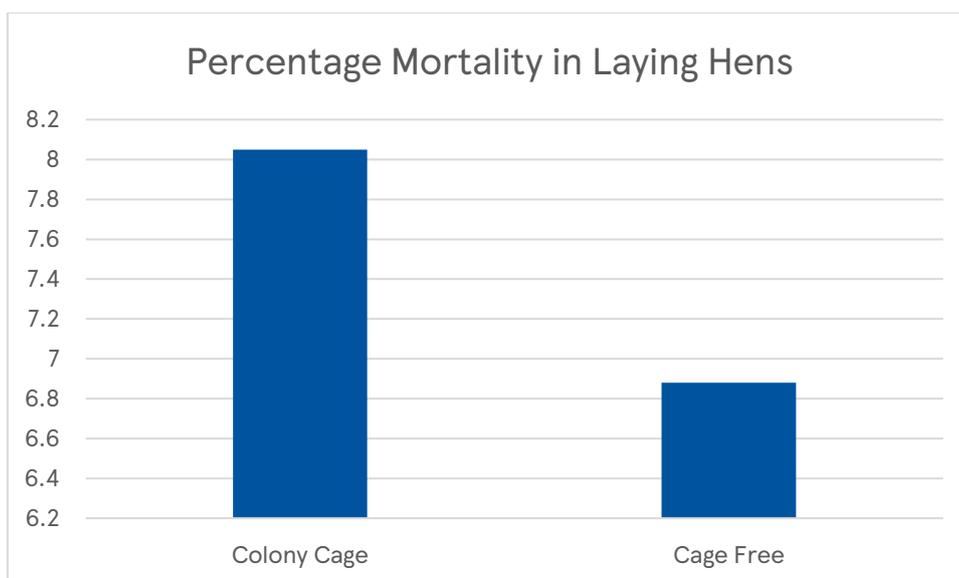
As part of the Tesco commitment towards the avoidance of routine physical interventions we collect detailed information on both the instances and method of beak treatment. Beak treatment should be avoided or methods used which effect least bird discomfort and result in minimal damage. All birds either receive no beak treatment (1) or are treated at day old in the hatchery (2) reducing total beak integrity by less than 30% in the majority. No birds are beak treated on farm (3) or as a result of emergency intervention (4).



Progress is being made in relation to beak treatment. In the first half of 2020 there has already been a significant increase in the number of untreated flocks, which currently stands at 16% for hens producing shell eggs, representing nearly a 7% improvement on the 12 months to March 2020 and 10% since 2018. Across the Tesco Group, less than 5% of laying hens would be free from beak treatment.

### Mortality

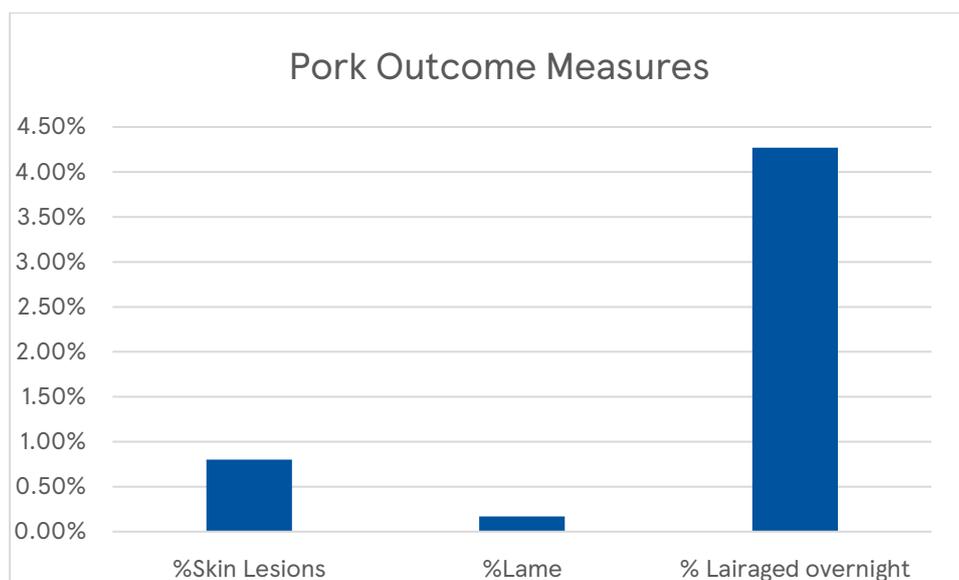
As with other poultry (meat) species Tesco collates mortality information in relation to commercial laying flocks. This is in order to understand seasonal trends and those factors which may result in bird losses, specifically disease challenge.



Comparisons in mortality for free-range production illustrates a consistent year-on-year mortality level indicating that management approaches are adapted and implemented to cope with flock specific differences and challenges e.g. health status.

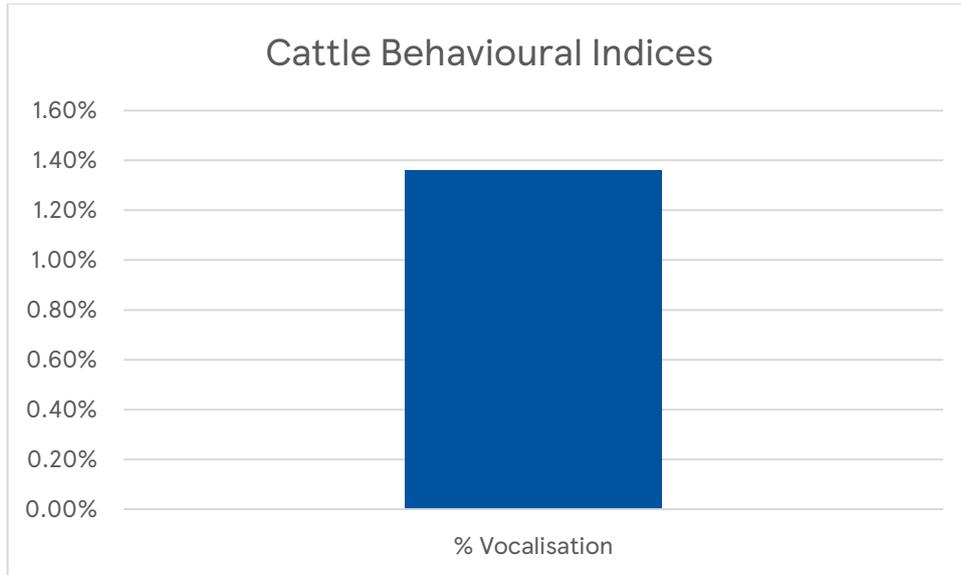
## Pigs

Lameness is recognized as a key welfare indicator in pigs and reflects historic housing and handling conditions. Skin lesions or 'fight damage' can arise due to mixing unfamiliar groups of pigs or held in unfamiliar surroundings. We require that pigs are kept in farm groups during transport and lairage and that the time which pigs are held in the lairage is minimized. All processing sites now consistently ensure that minimum numbers are held overnight and don't exceed 25% on any individual occasion. Pig welfare post-transit is further monitored by assessment of lameness and skin damage; the levels of which are consistently low across our supply base indicating housing and transit handling are to a good standard.



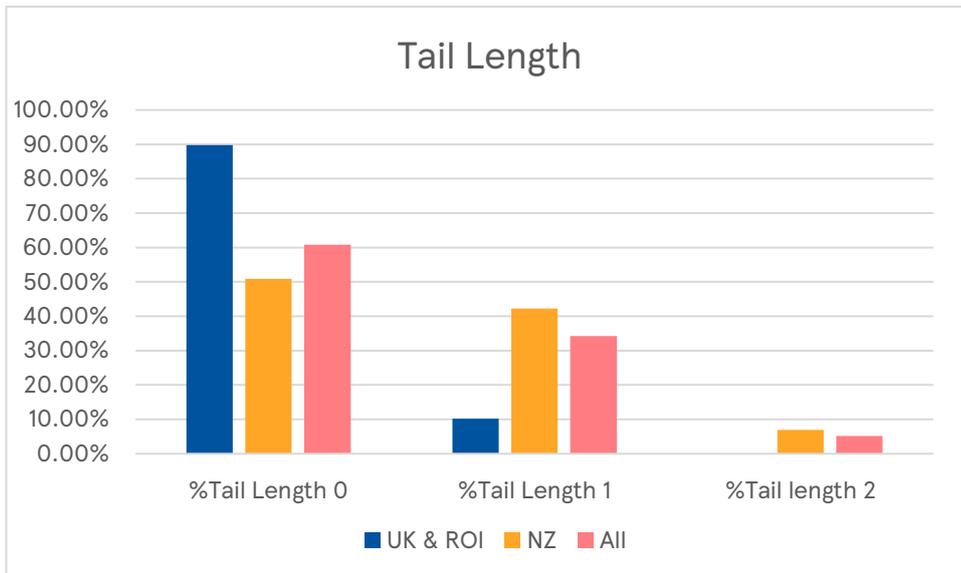
## Beef Cattle

Vocalisation in the lairage area, specifically during handling, is recorded to provide a measure of the likely stresses and associated welfare status of the animals. Low reported levels have been validated by independent third-party assessment. Vocalisation values do vary year on year but again, more markedly between sites and it is this that is reviewed on an ongoing basis. Vocalisation can be associated with animal type (cows and young bulls vocalise more) rather than necessarily reflecting handling as a single factor and we use these insights to focus on priority areas.



**Lamb**

Wherever possible we support a move away from processes such as tail docking. However, this has to be balanced against the potential welfare impact of associated challenges in pasture-based systems, such as ‘fly strike’. Given the relationship between tail length and discomfort associated with the docking process (the longer the tail the less the impact) we actively monitor tail length and prohibit short docking (score 2) and require the maximum possible length to remain (score 0) while still retaining the long term management benefits of docking where strictly necessary.

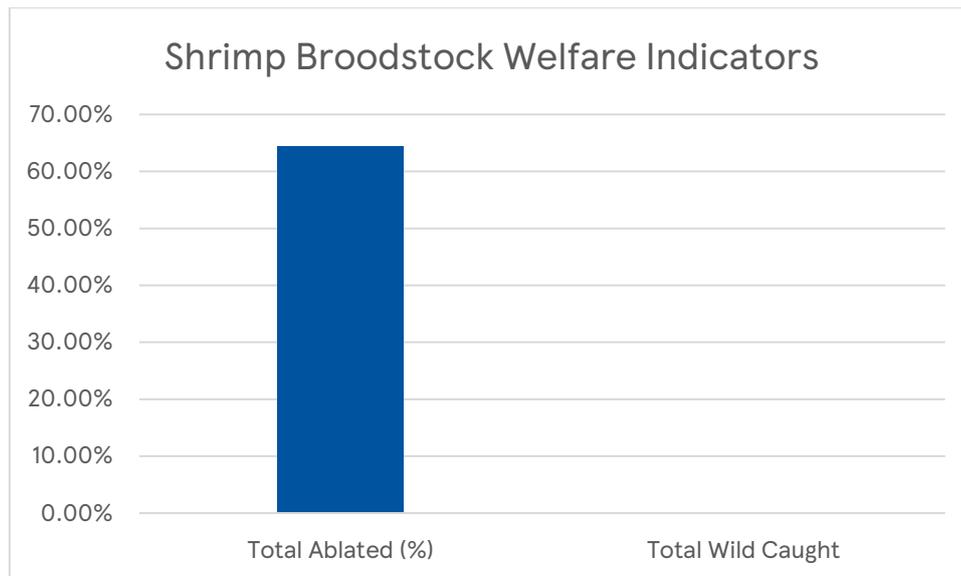


Shorter tail lengths are more prevalent across the New Zealand supply base which is a reflection of management challenges in highly extensive systems but there have been improvements in that the incidence of total tail length score 2 has declined from over 10% in 2015 to 6.7% in the last reporting period.

## Aquaculture

### Shrimp

There is increasing focus on the welfare of aquaculture species including invertebrate crustacea such as shrimp. Tesco are moving towards non-ablated production from non-wild caught brood stock and have made significant improvements in this respect from an initial starting point of 100% ablation in 2016 to a reduction in incidence of over a third.



## Innovation

We believe innovation, research and development are an integral part of ensuring that our supply chains are efficient, safe, responsible and sustainable. The key focus of Tesco supported research and development in agriculture is to ensure there is direct positive impact at a farm level including improvements in animal health and welfare. Our approach to enable innovation sits across a number of key workstreams including our [Tesco Sustainable Farming Groups](#), supporting Government Innovation Centres, championing young farmers through the [Tesco Future Farmer Foundation](#), information sharing on the Tesco Supplier Network, working closely with our innovative suppliers through the Tesco R&D Committee, and our flagship event – the Agri T-Jam. Recent outputs include advisory infographics aimed at optimising farm level litter management for chickens and the evaluation and adoption of a novel system of electric stunning in our shrimp supply chain.

### Agri T-Jam

We held our first Agri T-Jam in 2018. It has the ambition of helping to make a positive difference within our supply chains on the key challenges facing the agricultural sector. Exciting agri-tech companies with solutions to some of our current and future challenges and opportunities get the chance to pitch their technologies to us, our supply chain partners, and investors. Novel approaches to addressing health and welfare issues are one of the priority criteria. Past T-Jam winners, as well as a number of finalists, have gone on to set up trials in our supply base. Most recently, we have collaborated with 2019 winners RoboScientific, who have trials underway in a number of areas drawing on the established link between changes in environmental levels of volatile gases and early onset of key disease pathologies, with the potential to develop continuous real-time monitoring of animal health.

### Government Innovation Centres

We are active supporters of UK Government initiatives to bring together the food industry and academic researchers to transform the productivity of the UK livestock industry. We were the first retail member of the Centre of Innovation Excellence in Livestock ([CIEL](#)), a £70 million research hub opened in 2016, and we are actively working to develop CIEL through our participation on the Interim Management Board. Livestock health and welfare continues to be a priority area of focus. We are a partner of Crop Health and Protection (CHAP) and member of the Scottish Aquaculture Innovation Centre ([SAIC](#)). We also have representation on the [BBSRC](#) Animal Welfare Research Network.

## Future Farmer Foundation

We are passionate about supporting future generations of farmers. That's why we established the Tesco Future Farmer Foundation in 2014, with the aim of inspiring young people in British and Irish farming. The programme is open to people aged 20-35 years from all farming sectors, including new entrants and next generation farmers, who are looking to develop a successful future in agriculture and aquaculture.

As part of the Future Farmer Foundation, our young farmers can apply for a Tesco scholarship. Christina is a past recipient of our scholarship, and in 2019, following extensive study of broiler production methods all over the world with support from our Agriculture Manager for Poultry and Eggs, she submitted an academic paper to the Universities Foundation for Animal Welfare (UFAW) entitled 'Ventilation Attributes; Impact on quality and associated welfare outcome measures'.

Christina's report can be found [here](#).

## Tesco Supplier Network

Keeping close channels of communication with our many suppliers and producers around the world is an essential part of how we trade responsibly. In part this is made possible by our online supplier community, The Tesco Supplier Network, which give members a direct line to Tesco colleagues, industry experts and other suppliers around the world. The [Tesco Supplier Network](#) was launched in January 2015 and builds on the success of our previous online communities - the Tesco Knowledge Hub and Producer Network.

This new community gives us the opportunity to improve communication with our suppliers, to share ideas and address common challenges, and to drive sustainability and innovation, both throughout our supply chain and ultimately in the products that our customers enjoy. Our aims:

1. Share knowledge, best practice and expertise
2. Build a more collaborative supply chain
3. Create and develop innovative solutions together

Not only can Tesco Supplier Network members learn more about our strategy, they are also able to connect directly with Tesco teams and seek advice from peers facing similar challenges. This is key for our Tesco Sustainable Farming Groups, where farmers and the Tesco team have access to dedicated channels for discussion and knowledge sharing around topics such as animal health and welfare and environmental sustainability.

## Example publications

Fardy, E, Maddocks, C and Roberts F.G (2016) Knowledge transfer within a retail supply chain: The Tesco Supplier Network. European Federation of Animal Science (EAAP)

Hutchings C, B Green, J Kirkpatrick and FG Roberts (2020) Ventilation attributes: Impact on litter quality and associated bird welfare outcome measures P23 Recent Advances in Animal Welfare Science VII

Maddocks, C, Roberts F.G and Lucas A.J (2016) Training to embed understanding of Welfare and drive management improvement in the Asian Tropical Prawn supply base of a major UK retailer. European Federation of Animal Science (EAAP)

Roberts, F.G., Lucas, A.J and Johnson, S. (2012) The use of a single empirical outcome measure to assess welfare in slaughter plants: between and within sector comparisons of the supply base for a major retail multiple Animal Welfare. Special Issue. Proceedings of the Humane Slaughter Association Centenary International Symposium: Recent Advances in the Welfare of Livestock at Slaughter

FG Roberts, E Fardy and AJ Lucas (2017) Practical challenges to the implementation of controlled atmosphere stunning: A case study in an Italian pig supply chain. UFAW

Roberts F.G., Kirkpatrick, K. & Crown, G. (2017) Antibiotic use: balancing consumer concerns and animal welfare in Proceedings of the 7th International Conference on the Assessment of Animal Welfare at Farm and Group Level p. 76

Roberts F.G., Lucas A.J and Mason R (2015) A review of enrichment provision in the European supply base of a Major UK retailer: analysis of compliance trends following the introduction of agricultural code of practice requirements. Proceedings of the International Conference on Pig Welfare: Improving Pig Welfare - what are the ways forward? pp117

Roberts F.G (2016) Antibiotic concerns prompt a different approach in: Pig Progress (Online) <http://www.pigprogress.net/Health/Articles/2016/10/Antibiotic-concerns-prompt-a-different-approach-2898076W/?intcmp=related-content>

## Celebrating success in our supply chain

In 2017, we received a Best Retailer Innovation award from Compassion in World Farming (CIWF) for leading the way in farmed fish welfare. The award recognised our work to improve the welfare of two of our farmed fish species, and specifically the introduction of a humane slaughter system for sea bass (*Dicentrarchus labrax*) and sea bream (*Sparus aurata*) into commercial practice.

In 2019 Tesco was also awarded a CIWF Good Dairy Calf award. This recognised the work of our farmers and the Tesco Agriculture team to promote socialisation in calf rearing, for example by introducing minimum pair grouping of calves from birth in our Tesco Welfare Approved (TWA) requirements across our Sustainable Dairy Group & Tesco Cheese Group.

We are proud to be a principal sponsor of Open Farm Sunday and want to help our customers understand how their food is produced, from the experts who produce it. Every year, we support suppliers and farmers who welcome the general public to their farms, to educate them on food production standards, particularly animal health and welfare.

Our Tesco Sustainable Dairy Group farmers are encouraged, supported and rewarded for hosting school visits on their farms or visiting stores and schools to educate customers about farming and animal welfare.

Every year, we attend the UK's major agricultural shows, taking the opportunity to welcome customers to our stand to taste some of our products and learn about the way in which they're produced. Our Agriculture team is always in attendance, giving customers the chance to better understand the standards of animal welfare upheld in our supply chains and their importance. Here is a video recorded at the Royal Welsh Show:

<https://www.youtube.com/watch?v=eGVtAxAXX4M>

The Fair For Farmers Guarantee is another way that we communicate the great work of our producers, tell the story of our food and show customers how our farmers meet our welfare standards and care for their cows. This is communicated on every single bottle of fresh milk.



**FAIR FOR FARMERS GUARANTEE**

**WE PROMISE**

- Every farmer is paid fairly for every pint of milk
- Every pint is 100% British
- Every cow is well cared for

For more information go to [www.tescopl.com/little-helps-plan](http://www.tescopl.com/little-helps-plan)



Amie Lovatt,  
Dairy Farmer

*"With the help and guidance from Tesco we have created a sustainable business with the cows health and welfare being our main priority. Tesco guarantees we get a fair price for our milk, that gives us confidence to continue investing in our future."*

Additionally we showcase the commitment and best practice of our suppliers and the care shown to animals through our Tesco blog (<https://www.tescopl.com/updates/2019/it-s-a-family-affair-life-on-a-modern-dairy-farm/>) and our Tesco Magazine. For example, in a recent issue ([https://issuu.com/tesco\\_magazine/docs/tesco\\_magazine\\_july\\_aug\\_issuu](https://issuu.com/tesco_magazine/docs/tesco_magazine_july_aug_issuu)), we talked about the reintroduction of white eggs, keeping the consumer informed of steps taken during COVID-19 to safe guard supply while ensuring animal welfare is not compromised.



Recently, we worked closely with the RSCPA on TV and social media adverts educating customers about our new Room to Roam chicken range and the high welfare standards to which the chickens are raised.



Additionally, our customers are now able to check which Tesco stores stock their favourite RSPCA products (<https://www.rspcaassured.org.uk/where-to-buy/tesco/>).