

Collection: Environment statistics

Working with our Defra group partner organisations: Environment Agency, Forestry Commission, Joint Nature Conservation Committee and Natural England we produce a wide range of statistics that provide information on our relationship with and impact on the environment around us.

[Our products](#)

[Our partners within Defra group](#)

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Our Products

Environmental Quality

- [air quality and emissions statistics](#)
- [UK carbon footprint](#)
- [Environmental Protection Expenditure](#)
- [waste and recycling statistics](#)
- [Digest of waste and resources statistics](#)
- [water quality and abstraction statistics](#)

Natural Environment

- [biodiversity and wildlife statistics](#)
- [natural environment statistics](#)

Cross cutting statistics

- [sustainable development indicators](#)
- [funding for flooding and coastal erosion](#)

Our partners within Defra group

- [Environment Agency \(EA\)](#)
- [Forestry Commission](#)
- [Joint Nature Conservation Committee \(JNCC\)](#)
- [Natural England \(NE\)](#)

Other sources of information

- [Welsh government](#)
- [Scottish government](#)
- [Northern Ireland](#)
- [Office for National Statistics \(ONS\)](#)

Developing our portfolio

Our environmental portfolio of official statistics is large (around 60 different products) and diverse. As for the Defra Group portfolio as a whole, we will continue to invest in developing our understanding of user needs and therefore to find the best balance between compendiums of environmental statistics, regular statistical releases on specific topic and supporting data releases.

One key driver of the way that the portfolio will evolve will be the progress reporting now in development for the [Government's 25 year plan](#). Looking further to the future, we believe that technological development can bring radical change to what we measure and how we measure it and we will continue to track the potential of environmental monitoring approaches from Earth observation to e-dna.

[Collection: Food, Farming and Bio-security statistics](#)

Working alongside our Defra group partner organisations: Animal and Plant Health Agency, Rural Payments Agency and Veterinary Medicines Directorate, we produce a wide range of statistics on the food we grow, sell and consume; farm productivity and management; farm commodity prices; health and welfare of farm animals and the control of animal and plant diseases.

[Our products](#)

[Our partners within Defra group](#)

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Our Products

Food statistics

- [family food statistics](#)
- [food chain analysis](#)
- [food statistics pocketbook](#)
- [food transport indicators](#)
- [overseas trade](#)
- [sustainable food system indicators](#)

Farming statistics

Farming

- [agriculture in the United Kingdom](#)
- [agriculture in England regional profiles](#)

Farm management statistics

- [aggregate agricultural accounts](#)
- [farm business survey](#)
- [agricultural productivity and competitiveness analyses](#)
- [productivity of the agricultural industry](#)

Commodities and farm-gate prices

- [agricultural price indices](#)
- [animal feed production](#)
- [cattle, sheep and pig slaughter](#)
- [cereal usage and stocks](#)
- [commodity prices](#)
- [egg production and prices](#)
- [fruit and vegetable wholesale prices](#)
- [milk utilisation by dairies](#)
- [milk prices and composition](#)
- [poultry and poultry meat statistics](#)

Land management and environmental issues

- [agricultural statistics and climate change](#)
- [agri-environment indicators](#)
- [agri-environment analysis](#)
- [farm practices survey](#)
- [fertiliser usage](#)
- [land under environmental management](#)

Land use and livestock

- [farm animal genetic resources](#)
- [horticultural statistics](#)
- [non-food crops](#)
- [orchard fruit](#)
- [organic farming](#)
- [structure of the agricultural industry](#)

Bio-security statistics

- [animal on-farm welfare inspections](#)
- [bovine TB](#)

Our partners within Defra group

- [Animal and Plant Health Agency \(APHA\)](#)
- [Rural Payments Agency \(RPA\)](#)
- [Veterinary Medicines Directorate \(VMD\)](#)

Other sources of information

- [Welsh government](#)
- [Scottish government](#)
- [Northern Ireland](#)
- [Office for National Statistics \(ONS\)](#)
- [Agriculture and Horticulture Development Board \(AHDB\)](#)

Developing our portfolio

The food, farming and biosecurity portfolio of official statistics is large (over 50 different products) and well established – with many of our datasets having a long historical archive. As for the Defra Group portfolio as a whole, we will continue to invest in developing our understanding of user needs and therefore to find the best future balance between compendiums of statistics, regular statistical releases on specific topic and supporting data releases.

One key driver of the way that the portfolio will evolve will be the new policy context for this topic, for example as a result of the forthcoming Agriculture Act and, more broadly, as a consequence of exiting the EU, increased demand for statistics in areas such as food and food trade.

[Collection: Marine and fisheries statistics](#)

Statistics on the UK fishing industry and its operations, along with international comparisons, stock assessments and information on fish imports and exports, are available on the Marine Management Organisation's sea fisheries statistics website.

Research and data on marine and freshwater aquatic environments, biodiversity and fisheries are available on the Cefas website.

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[Other sources of information](#)

Our Products

Currently official and national statistics related to marine and fisheries topics are produced by Defra's relevant arms' length bodies.

Marine Management Organisation (MMO)

- [UK fishing industry and its operations](#)

Centre for Environment, Fisheries and Aquaculture Science (Cefas)

- [Marine and freshwater aquatic environments](#)

Our partners within Defra group

- [Marine Management Organisation \(MMO\)](#)
- [Centre for Environment, Fisheries and Aquaculture Science \(Cefas\)](#)

Other sources of information

- [Welsh government](#)
- [Scottish government](#)
- [Northern Ireland](#)
- [Office for National Statistics \(ONS\)](#)

Developing our portfolio

The current marine and fisheries portfolio of statistics is small and focuses on sea fisheries, although the environmental portfolio of statistics includes some official statistics on the state of the marine environment (e.g. the UK Biodiversity Indicators).

International and domestic agreements, such as [OSPAR](#) and the [UK Marine Strategy](#), produce a much more extensive set of indicators on the state of the marine environment and we are currently exploring the potential need for official statistics on the state of the marine environment.

As for the Defra Group portfolio as a whole, we will continue to invest in developing our understanding of user needs and therefore to find the best future balance between compendiums of statistics, regular statistical releases on specific topic and supporting data releases.

Collection: Rural Communities statistics

Defra provides a collection of high level statistics which present an overall picture of living in rural areas across England.

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Our Products

Rural Communities statistics

- [rural urban classification](#)
- [rural economy – statistical indicators](#)
- [rural living – statistical indicators](#)
- [census rural analyses](#)
- [statistical digest of rural England](#)

Other sources of information

- [Welsh government](#)
- [Scottish government](#)
- [Northern Ireland](#)
- [Office for National Statistics \(ONS\)](#)

Developing our portfolio

The rural portfolio of official statistics is different to the remainder of the wider Defra portfolio in that much of it focuses on looking again at wider socio and economic statistics and drawing out insights by applying the official definitions of rural and urban communities to explore differences as well as rural specific trends. As for the Defra Group portfolio as a whole, we will continue to invest in developing our understanding of user needs and therefore to find the best future balance between compendiums of environmental statistics, regular statistical releases on specific topic and supporting data releases.

Press release: Animal welfare boosted by new law coming into force

New regulations have come into force today (Monday 1 October) to strengthen animal welfare, particularly around puppy sales, in England.

These will:

- Ensure that breeders must show puppies alongside their mother before a sale is made.
- Tighten regulations so that puppy sales are completed in the presence of the new owner – preventing online sales where prospective buyers have not seen the animal first.
- Ban licensed sellers from dealing in puppies and kittens under the age of eight weeks.
- Regulate adverts, including on the internet, by ensuring licensed sellers of all pets include the seller's licence number, country of origin and country of residence of the pet in any advert for sale.
- Introduce a new "star rating" for dog breeders, pet shops and others to help people rate them on their animal welfare standards.

These regulations, which are strongly supported by animal welfare organisations such as the RSPCA who've campaigned for a number of years, complement the government's commitment to introduce a ban on third party sales of puppy and kitten sales which has recently been consulted on.

Animal Welfare Minister, David Rutley, said:

These regulations will end mistreatment and malpractice of puppies and crack down on unscrupulous breeders so pet owners will have no doubt their new dogs have had the right start in life.

The licensing systems for businesses that work with animals have not been reformed for almost fifty years. The changes in place from today simplify these into one system for local authorities, help consumers to make better informed decisions and will further improve animal welfare.

These changes form part of our efforts to ensure we have the highest animal welfare standards in the world. This includes making CCTV cameras mandatory in all slaughterhouses as well as our plans to increase prison sentences from six months to five years for animal abusers.

The myriad of licensing systems that local authorities use to regulate businesses which deal with animals, or animal activities, have been in place for over 50 years. This has led to outdated regulations meaning some businesses require several licences and others, such as home boarding and dog

day care businesses, were not always covered.

These regulations introduce a new system for local authorities to use for the different areas of activity (detailed below), simplifying the licences needed by businesses, ensuring all businesses working with animals are covered and driving up animal welfare standards.

A key part of these new licences will be a new “star rating” (out of five) for dog breeders, pet shops and other licensed activities involving animals. This rates these businesses, on welfare and other grounds, and helps buyers use the best breeders as well as local authorities to more heavily regulate the poorer rated (such as through more welfare inspections, increased costs and shorter licences).

This announcement follows [a public consultation](#) which ran from 20 December 2015 to 12 March 2016.

The five areas of licensed activities with animals by businesses are:

- Selling animals as pets
- Providing or arranging for the provision of boarding for cats or dogs
- Hiring out horses
- Breeding dogs and
- Keeping or training animals for exhibition