

December 2024

Key Data Tables

Table A Production by food type by quantity and value in UF area and as contribution to UK new supply (2021)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
Farm type	Product	% of England's farms of this type in UF area ; for livestock holdings the % of animals in the UF area is included in [] %	Total UK production of food type by unit Ktonnes unless stated	Total UK production of food type by value (2021 prices) £million	Total area: under crop k ha / livestock headage UK (000)	Total area under crop / livestock headage England (000s)	Estimated England as % of UK production (based on area or livestock headage 000s)	Estimated total England output as % of UK by unit Ktonnes unless stated	Estimated total England output as % of UK by value (2021 prices) £ million	Estimated UF output by unit Ktonnes unless stated	UF value of output by value £ million (2021 prices)	2021-2023 inflation weighting factor	UF value of output by value (2023 prices) £ million	UK supply expressed as % of new supply for use in UK	England supply expressed as % of new supply for use in UK	UF supply expressed as % of new supply for UK
Cereals	Wheat	25.6%	13,988	2,705	1790	1655	92.4	12,933	2501	3311	640.3	1.08	689.2	89	82.3%	21.1
	Barley	25.6%	6961	1,168	1150	816	71	4939	829	1265	216.6	1.1	234.2	110	78.1	20
	Oats	25.6%	1123	148	200	159	79.5	893	118	229	30.1	1.38	41.7	101	80.3	20.6
	Oilseed rape (OSR)	25.6%	981	488	307 [1]	313 [1]	80[1]	785	390	200.1	100	0.97	97.3	52	41.6	10.7
	Field beans and peas	25.6%	880	203	890	203	98.5	876	200	224.4	51.2	1.0	51.2	No data	No data	No data
General cropping	Potatoes	25.7%	5127	748	137	103	90 [2]	3844	561	988	144.1	1.6	230.1	74	55.5	14.3
	Sugar beet	25.7%	7364	210	91	95[2]	51	6627	189	1073	48.6	1.3	63.1	63	56.7	14.6

	Fresh vegetables	25.7%	2548	1685	113	89	78.3	1996	1460	512.8	375.3	1.3	503.8	57	44.6	11.5
Horticulture	Fruit	24.3%	No data [3]	908	33	31	92.7	No data	855	No data	207.6	1.14	236.3	15	13.9	3.4
Specialist pigs	Pigmeat	16.4% [12%]	997	1461	5323	4238	79.6	794	1163	95	140	1.48	206.8	71	56.5	9.3
Specialist poultry	Poultry	18.4% [12%]	1989 [4]	3031	190019	141084	84.7	1684	2566.6	202	308	1.21	372.2	96	81.3	9.8
	Eggs (for human consumption)	18.4% [12%]	1001 mn dozens	818	40,568 laying birds	24,924 laying birds	61.4	615 mn dozens	502.6	73.8 million dozen	60	1.5	90.4	92	56.5	10.4
Dairy [5]	Milk (for human consumption)	22.2% [19%]	15,214 mn litres	4769	9603	5451	56.8	8636 mn litres	2707.1	1641 million litres	514	1.27	652.4	105	59.6	13.3
Grazing livestock (lowland) [5]	Beef	24.2% [19%]	910	3389	9603	5451	56.8	571	1923.7	98	366	1.2	439.1	83	47.1	11.4
Grazing livestock (LFA)	Lamb and mutton	20.6% [15%]	293	1581	32,957	14,626	44	130	701.6	27	144	1.00	144	108	47.9	9.9
Total £mn:				23,506					16,668		3341		4052			

Notes to table:

[1] UK data on overall OSR hectareage for 2021 is lower than that stated for England per the June Farm Data for 2021 but this discrepancy is unexplained; figures must omit OSR produced in Scotland, Wales and Northern Ireland. June agricultural census data for Scotland indicate around 30,000 ha were under OSR in 2021 (no data given - graph only given) [Results from the Scottish Agricultural Census: June 2021 - gov.scot](#) ; on a conservative basis we assume 80% of UK production is from England

[2] As for OSR data June farm area for England exceeds the UK production area per Agriculture in the UK data; there is no evidence from 2021 Scottish census data that sugar beet is produced there; we assume conservatively 90% production in England

[3] No data for tonnage of fruit produced;

[4] Data for chicken production is incorrectly stated in Defra Agriculture in the UK as 1.9 bn tonnes (equating to 27 tonnes chicken per person in UK) and must be 1.9 mn tonnes (or billion kgs) ; we use mn tonnes here

[5] For dairy and lowland grazing total cattle numbers are used as guide to relevant output as matching UK figures for dairy/beef cattle against England figures was not possible. Lowland grazing has over twice cattle numbers compared to LFA areas.

General note:

To simplify analysis total output for England (per June farm data for 2021) is allocated to the farm type which produces the largest total % of this product eg for wheat cereal farms which produce 65% of the England total; this means production on other types eg wheat on general cropping or mixed farms is allocated using the cereal farm %; products – while this may represent an overstatement on some products where the % of farms is higher eg wheat produced on poultry farms, where livestock are on predominantly cereal farms a lower % of farms is used so the share will be understated; note that mixed farms represent a significant aspect of production – from approx. 4-20% - of all output types but we don't account for these separately here but their share of output and value is as they cover 23.8% of UF farm holdings so, as noted above figures for cereals may be slightly overstated but understated on livestock output.

Explanation of data and analysis by column:

A – farm type by Defra categories

B – main output of given type of farm based on the Defra typology – farms are 'allocated to a type according to where most of its total SO come from' where SO is its Standard Output (SO) calculated based on a normal output per hectare for livestock or crops ; to simplify the analysis we exclude other outputs on these farm types

C – based on total no of farms in UF area as % of total no of farms in England of this type (2021 data); we assume that variation in farm scale will not significantly affect yields. This % is used to calculate the relevant production output and value for the UF area for crops – as crop output relates most directly to land area cultivated; for livestock the holdings % for the UF area has been cross referenced to the Defra June farm survey livestock data for the UF and the lower of the % of England's livestock or no of holdings is used as the % for the calculation of value and output instead.

D - Total UK production of food type by unit (2021) ktonnes unless otherwise stated – as given in Defra, DERA, Welsh and Scottish Governments, Agriculture in the United Kingdom 2022, 2023 (gives finalised data for 2021) Tables - various: Wheat 7.2a-c; Barley 7.3a-c; Oats 7.4a-c; Oilseed rape (OSR) 7.5a-b; Field peas and beans 7.8a-b ; Sugar beet 7.7a-b; Potatoes 7.11a-c; Fresh vegetables 7.9a-c ; Fresh fruit 7.12a-c; Pigs Table 8.3a-c; Poultry 8.5a-c; Eggs 8.7a-c; Cattle 8.2a-c; Sheep 8.4a-c

E - Total UK production of food type by value (2021 prices) - £million - as given in Defra, DERA, Welsh and Scottish Governments, Agriculture in the United Kingdom 2022, 2023 (gives finalised data for 2021) Tables - various: Wheat 7.2a-c; Barley 7.3a-c; Oats 7.4a-c; Oilseed rape (OSR) 7.5a-b ; Field peas and beans 7.8a-b; Sugar beet 7.7a-b; Potatoes 7.11a-c; Fresh vegetables 7.9a-c ; Pigs Table 8.3a-c; Poultry 8.5a-c; Eggs 8.7a-c; Cattle 8.2a-c; Sheep 8.4a-c

F - Total area under crop in UK or livestock headage in UK as given in Defra, DERA, Welsh and Scottish Governments, Agriculture in the United Kingdom 2022, 2023 (gives finalised data for 2021) – see tables referenced for columns D/E above

G Per Defra, <https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fassets.publishing.service.gov.uk%2Fmedia%2F66059b36f9ab410011eea54a%2Fstructure-england-june-farmtype-28mar24.ods&wdOrigin=BROWSELINK> Number of holdings and agricultural activity by farm type at 1 June each year in England - crops (areas) tabs; number of holdings with each livestock by farm type tab; figures for 2021 totals for all farm types; figures used represent total output of that product (across all farm types – see general note above) ; note figure for barley combines spring and winter barley area totals ;

H – Column G as % of column F

I – Calculated by applying % in column H to total UK production figure in column D

J - Calculated by applying % in column H to total UK production value in column E

K - Calculated by applying % in column C to total England production figure in column I

L - Calculated by applying % in column C to total England production value in column J

M – calculated by taking food price inflation index for 2023 as % of 2021 prices to create weighting factor - based on Defra, DERA, Scottish and Welsh governments, Agriculture in the UK 2023, 2024; Ch 6 Figure 6.2 Full prices dataset [AUK-chapter6-06jun24.ods](#)

N – based on 2021 prices adjusted for inflation weighting factor in column M

O /P / Q – based on Defra et al , Agriculture in the UK 2022 pp85-117 (omitting plants and flowers) tables for 2021 of, for each agricultural product, Production as % of total new supply for use in the UK - see tables 7.2a-c to 8.7 a-c. Percentages for England and UF area are based on column H as a % of the UK for England and column C as a % of England for the UF area.

Table B Agricultural land areas and area change 2010-2021

	2010		2021		2010 - 2021	2010 - 2021
Area	Total hectares	% of England totals	Total hectares	% of England totals	Area change ha	% change
Green Belt	1,037,613	12%	992,539	11%	-45,074	-4%
Comparator areas	884,836	10%	873,628	10%	-11208	-1.3%
Peri-urban total	1,922,449	22% ¹	1,866,167	21% ²	-5633	-2.9%
England	8,887,294	100%	8,975,549	100	+88255	+1%

Source: Defra Survey of Agriculture and Horticulture - June 2010 & June 2021

¹ 21.6%

² 20.7%