

## 4.4.10 United Kingdom

### 4.4.10.1 Demographics

Poultry farms accounted for 9,041 farms in the United Kingdom. Duck farms were the largest share of poultry farms with a 60% share, or 5,460 farms. Turkey farms were the second largest share of poultry farms with 18% or 15,900 farms. About 15%, or 1,387 poultry farms, were commercial chicken farms. Household or micro-producer farms were 7% or 603 of the total poultry farms in the United Kingdom (Figure 165).

Commercial chicken farms had 82,473 head on average. Household chicken or micro-producer farms had 140 head on average. The average number of turkeys per farm was 2,327. Duck farms had an average of 371 head.

Since 2010, poultry production and consumption have both increased in the United Kingdom. The total production volume of poultry in the United Kingdom was 1.9 million metric tons in 2021, representing a 26% increase compared to 2010 (Figure 166). The total poultry consumption reported in 2021 was 2.1 million metric tons, a 23% increase since 2010.

Of the 177.7 million head in poultry stocks, 172.0 million were chickens, 3.7 million were turkeys, and 2.0 million were ducks. Since 2010, chicken stocks increased 7%, duck stocks increased 11%, and turkey stocks decreased 8% since 2010.

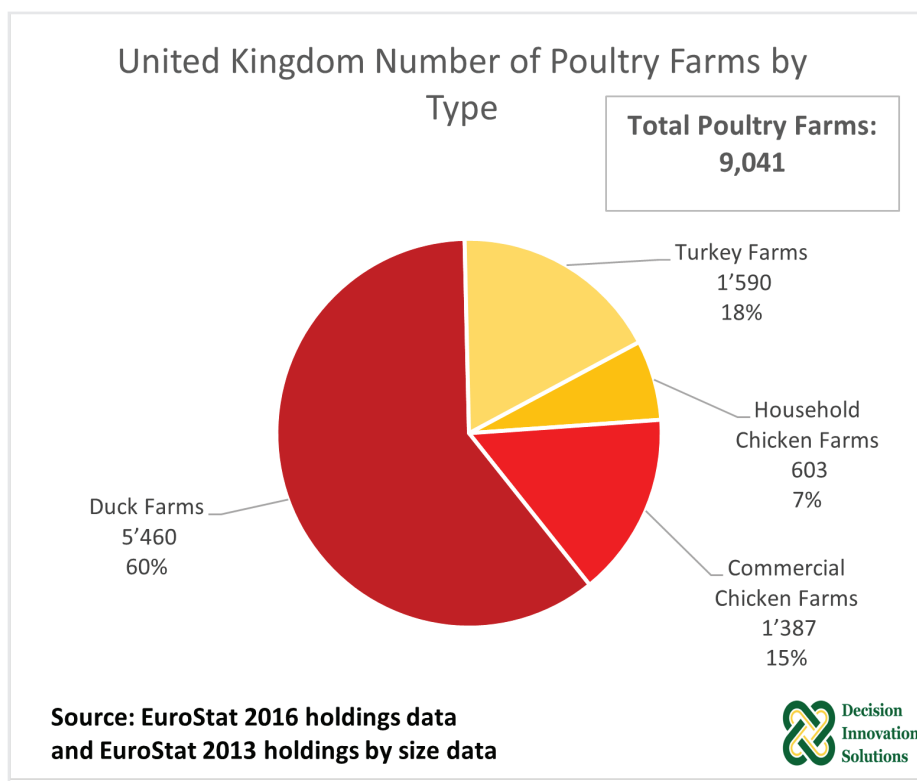


Figure 165. United Kingdom number of poultry farms by type

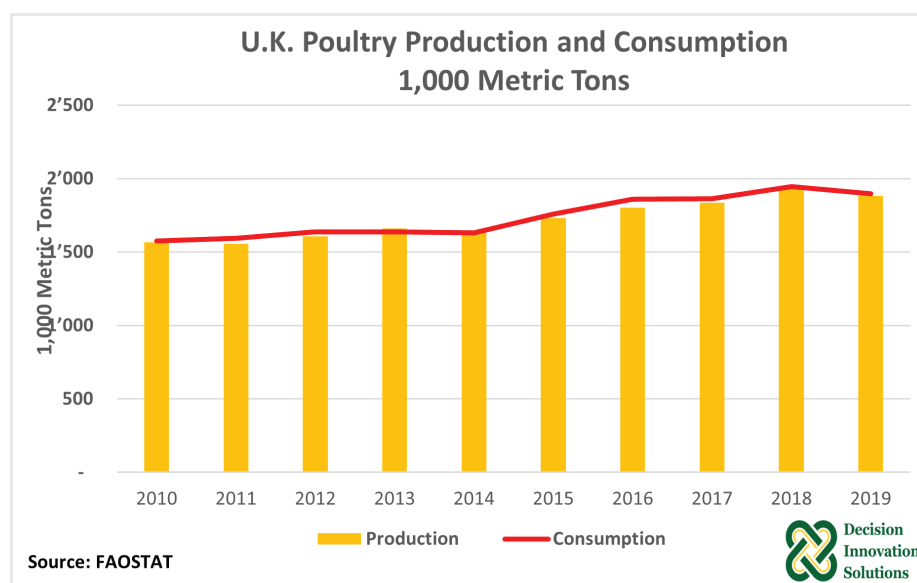


Figure 166. United Kingdom poultry production & consumption

UNITED KINGDOM POULTRY STOCKS, SLAUGHTER, AND PRODUCTION				
1,000 head	Chickens	Ducks	Turkeys	Total
Stocks	172'000	2'026	3'700	177'726
Producing Animals/Slaughtered	1'149'000	10'600	13'600	1'173'200
Production (1,000 MT)	1'784	22	143	1'949

Sources: FAO, 2020

Table 49. United Kingdom poultry stocks, slaughter & production

In 2020, poultry slaughter in the United Kingdom totaled 1.2 billion head. Chicken slaughter was estimated at 1.1 billion head. Turkey slaughter was an estimated 13.6 million head. Duck slaughter was 10.6 million head. During this time, chicken slaughter increased 27% compared to 2010. Duck slaughter declined 20%. Turkey slaughter declined 13% compared to 2010. Poultry production included nearly 1.8 million metric tons of chicken, 143,000 metric tons of turkeys, and 22,000 metric tons of ducks in 2020. Compared to 2010, chicken production increased 30%, duck production decreased 25% and turkey production decreased 12%.

#### 4.4.10.2 GDP and Value of Production

In 2020, the GDP of the United Kingdom was valued at \$2.7 trillion. The agricultural production sectors represented about 1% of the total GDP. Red meat production, estimated at nearly \$15 billion, was the largest share (0.55%) of agricultural production. Crop production was valued at \$11.1 billion and represented about 0.41% of the total GDP. Chicken production represented an estimated 0.1% percent, or \$2.8 billion. About 0.01% or \$319.3 of the total GDP production was derived from turkey production. The smallest share of agricultural production was duck production with \$112.7 or 0.004% of the total GDP (Figure 167).

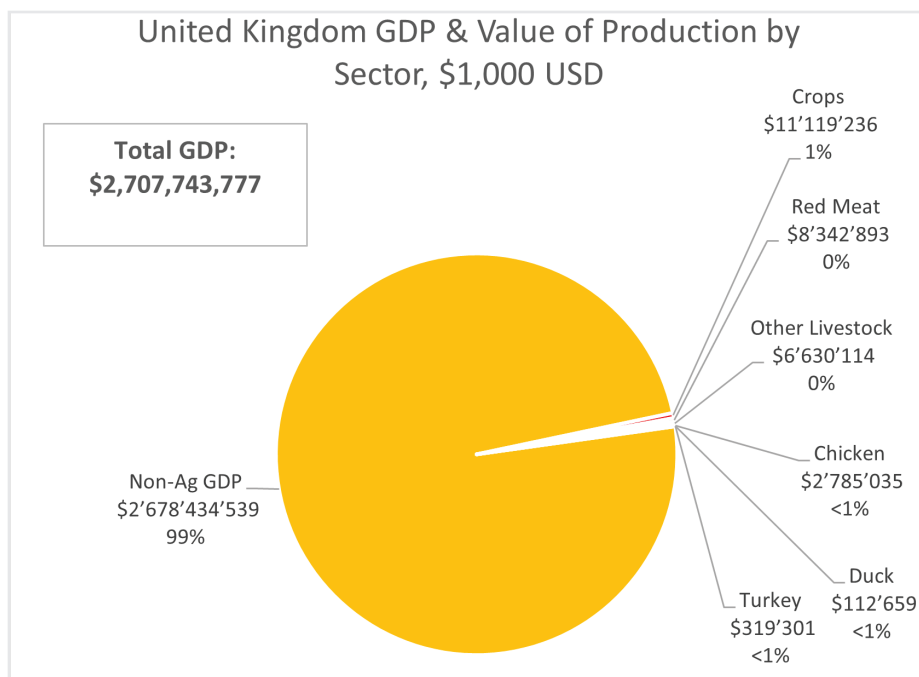


Figure 167. United Kingdom GDP & value of production by sector

ECONOMIC EFFECTS - UNITED KINGDOM (\$1,000 USD)				
	Direct	Indirect	Total	Taxes paid*
All agriculture	\$29'309'238	\$33'753'815	\$63'063'053	\$1'103'350
Livestock	\$18'190'002	\$20'948'411	\$39'138'413	\$684'765
Poultry	\$3'216'995	\$4'458'755	\$7'675'750	\$107'084
Chicken	\$2'785'035	\$3'860'059	\$6'645'094	\$92'705
Duck	\$112'659	\$156'145	\$268'804	\$3'750
Turkey	\$319'301	\$442'551	\$761'852	\$10'629

Source: FAOSTAT, OECD Input-Output Tables. \*Taxes is equal to total taxes net of subsidies

Table 50. Economic effects - United Kingdom

The combined (direct and indirect) effects of agricultural production in the U.K. are estimated to be \$63.1 billion. Of this amount, \$7.7 billion comes from the poultry industry, with \$6.6 billion from chicken meat production, \$269 million from duck production, and \$762 million from turkey production. Agriculture pays a net value of \$1.1 billion in taxes, \$107 million of which is estimated to be from the poultry industry (Table 50).

#### 4.4.10.3 Labor

An estimated 34.8 million people worked in the United Kingdom's labor force (Table 51). Approximately 52%, or 18.2 million of the total work force were male. The remaining 48%, or 16.5 million were female. The non-agricultural sectors employed 34.4 million people in 2020.

An estimated 356,588 people worked in the agricultural sector. Among those working in the agricultural sectors, an estimated 39,420 people worked in poultry production. The total number of meat processing jobs was 96,390 in 2020. More than \$3.0 billion in wages earned were derived from meat processing jobs. Livestock meat processing accounted for 69,566 jobs and \$2.2 billion in wages earned. Poultry meat processing accounted for 26,824 jobs and \$843.4 million in wages earned.

AGRICULTURAL LABOR FORCE CHARACTERISTICS - UNITED KINGDOM			
	Total	Female	Male
Total Country Labor	34'749'413	16'527'254	18'222'159
Non-Agricultural Labor	34'392'825	16'433'124	17'959'700
Agricultural Labor	356'588	94'130	262'459
Total Non-Poultry Agricultural Labor	317'169		
Total Poultry Labor	39'420		
Chicken Labor	34'127		
Turkey Labor	3'913		
Other Poultry Labor	1'380		
Wages (\$1,000 USD)			
Total Meat Processing Labor	96'390	\$3'030'548	
Livestock Processing Labor	69'566	\$2'187'179	
Poultry Processing Labor	26'824	\$843'370	

Source: ILO 2020, World Bank 2020, UNIDO Database, INDSTAT 4 2021, ISIC Revision 3

Table 51. Agricultural labor force characteristics - United Kingdom

#### 4.4.10.4 Cost of Production

The United Kingdom's cost of feed accounted for the largest share of broiler production total cost at 59% in 2017. Day-old chicks ranked as the second largest cost relative to total broiler production cost at 22%, followed by other variable costs (heating, electricity, litter, and animal health, 8%) and housing (6%). Labor cost accounts for 4% of total costs. The costs at farm level for insurance, bookkeeping, consultancy, telephone, and transport represent 1% of total costs (see Figure 168).

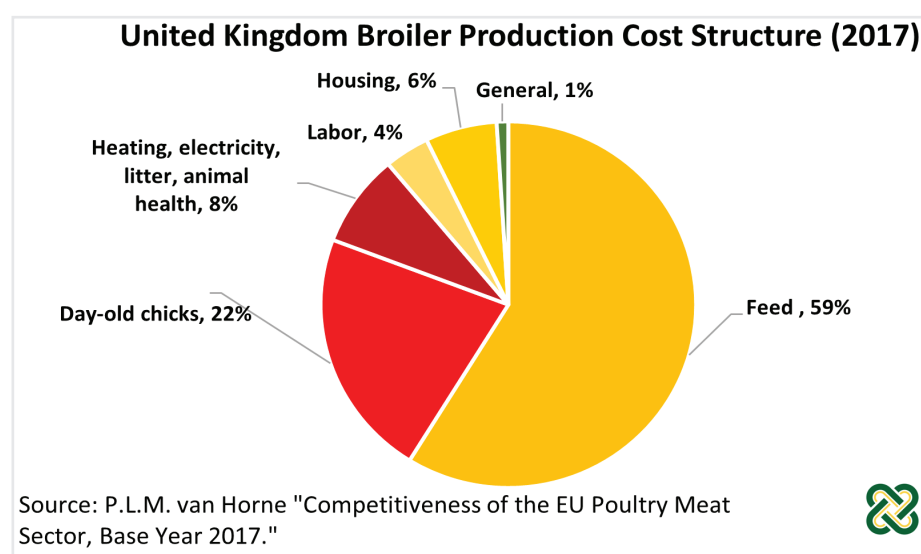


Figure 169. United Kingdom broiler production cost structure

#### 4.4.10.5 Trade

Ireland, the Netherlands, and France were the top three markets for the United Kingdom's poultry exports in 2020. The United Kingdom exported \$155.1 million in poultry meat to Ireland. At the same time, the United Kingdom's value of poultry exported to the Netherlands and France was assessed at \$77.5 million and \$43.4 million, correspondingly (see Figure 169 and Figure 170). Overall, the United Kingdom exported 481,961 MT of poultry in 2020.

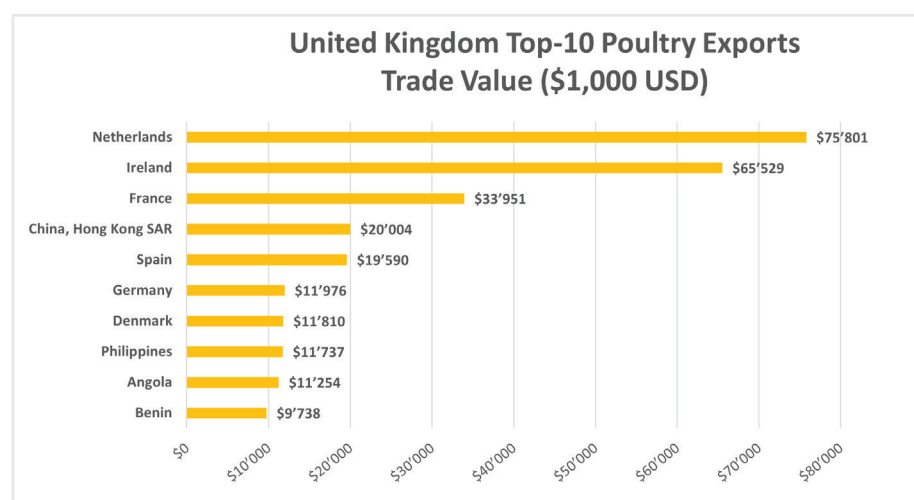


Figure 168. United Kingdom top 10 poultry exports, trade value

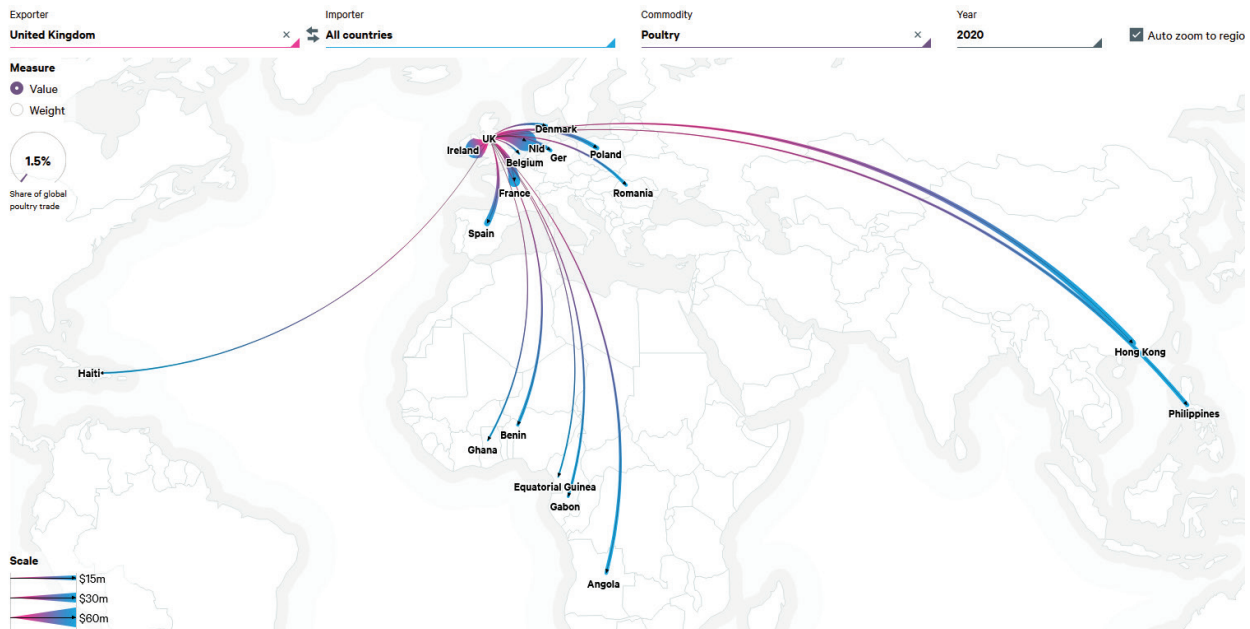
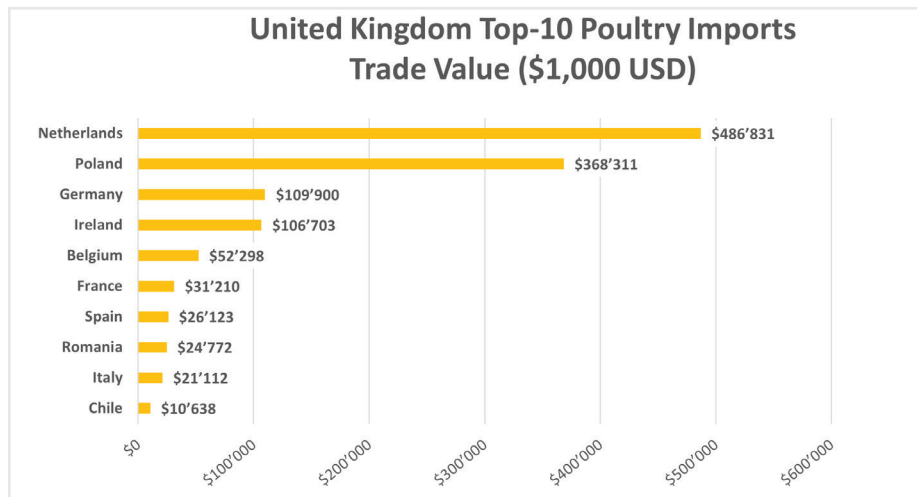


Figure 170. Africa number of poultry farms by type



The value of poultry meat imports by the United Kingdom from all countries was estimated at \$2.7 billion in 2020. The top supplier of imported poultry meat to United Kingdom were the Netherlands, Poland, and Germany. Exports by three countries to the United Kingdom reached more than \$1.8 billion (see Figure 171 and Figure 172).

Figure 171. Africa number of poultry farms by type

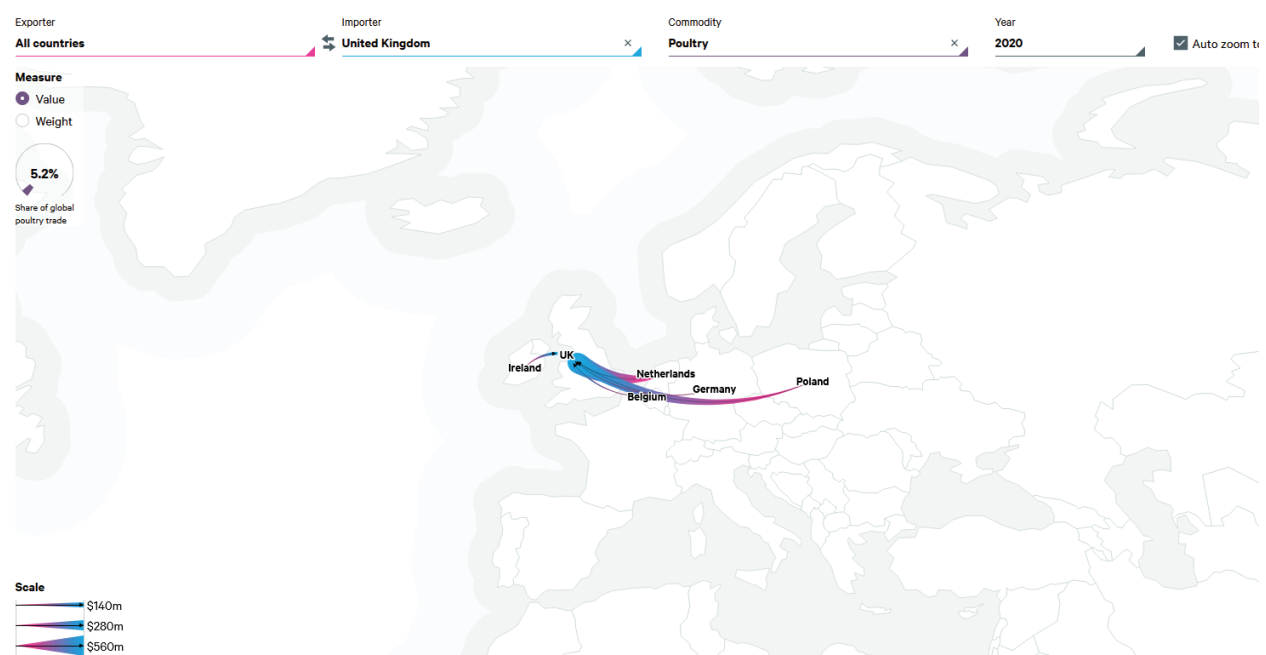


Figure 172. Africa number of poultry farms by type