

4.3.6 Brazil

4.3.6.1 Demographics

Brazil has more than 2.8 million poultry farms and 95% of the farms are household chicken farms. Commercial chicken farms were 5% of the total poultry farms in Brazil, with 143,125 farms classified as commercial (Figure 96). Brazil's 2.7 million household chicken farms had an average 54 chickens. There were an average 9,303 chickens on Brazil's commercial chicken operations. Household chicken farms had 54 chickens per farm, on average in 2020.

Brazil's poultry production and consumption have increased over the last 12 years. Poultry production has grown 16% since 2010. Over the last three years, production has kept a steady pace at 14.2 million metric tons, on average. Consumption of poultry in Brazil has increased 23% since 2010. Poultry consumption has averaged 10.2 million metric tons from 2019 to 2021. The large difference between poultry production and consumption allows Brazil to be the largest broiler exporter in the world.

In 2020, Brazil's poultry stocks included nearly 1.5 billion chickens, 31.3 million turkeys, and 3.4 million ducks. Since 2010, poultry stocks increased 19%, duck production declined 9%, and turkey production increased 16%.

Brazil's poultry slaughter totaled 6.1 billion head. Chicken slaughter was estimated at 6.0 billion head. Turkey slaughter was an estimated 86.7 million head. Brazil is the third largest chicken producer in the world. Brazil's poultry production in 2020 included 13.8 million metric tons of chicken, 584,000 metric tons of turkey, and 7,000 metric tons of duck. Since 2010, chicken production increased 29%, duck production declined 10%, and turkey production increased 20%.

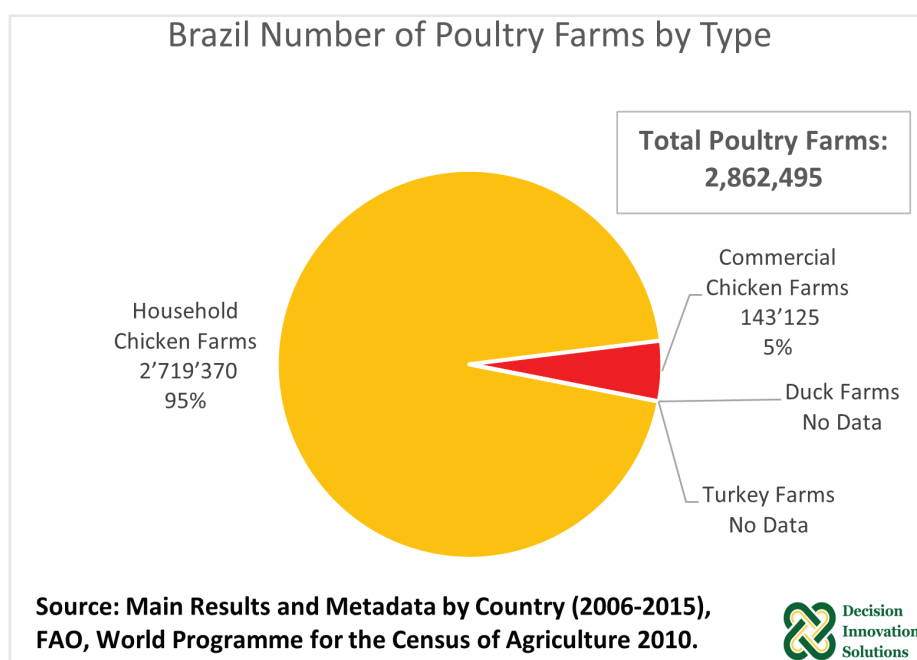


Figure 96. Brazil number of poultry farms by type

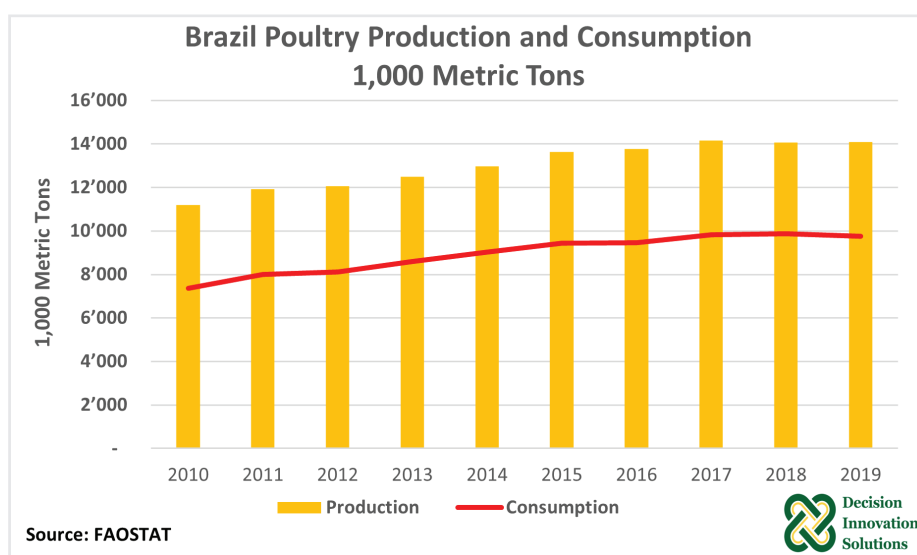


Figure 97. Brazil poultry production & consumption

BRAZIL POULTRY STOCKS, SLAUGHTER, AND PRODUCTION				
1,000 head	Chickens	Ducks	Turkeys	Total
Stocks	1'479'363	3'356	31'279	1'513'998
Producing Animals/Slaughtered	6'006'415	5'367	86'706	6'098'488
Production (1,000 MT)	13'845	7	160	14'012

Sources: FAO, 2020 , ABPA 2021 Report

Table 25. Brazil poultry stocks, slaughter & production

4.3.6.2 GDP and Value of Production

The total value of Brazil's GDP was an estimated \$1.4 trillion in 2020. The agricultural production sector represented about 10% of the total Brazilian GDP with nearly \$86.7 billion derived from crop production, alone. Red meat production was valued at \$40 billion and represented 3% of the total GDP. Chicken production was valued at more than \$14.8 billion or 1% of the total GDP in Brazil. Brazil's turkey production was an estimated \$1.01 billion sector contributing less than 1% to the total GDP. Duck production was also less than 1% of the total GDP but valued at \$8 million (Figure 98).

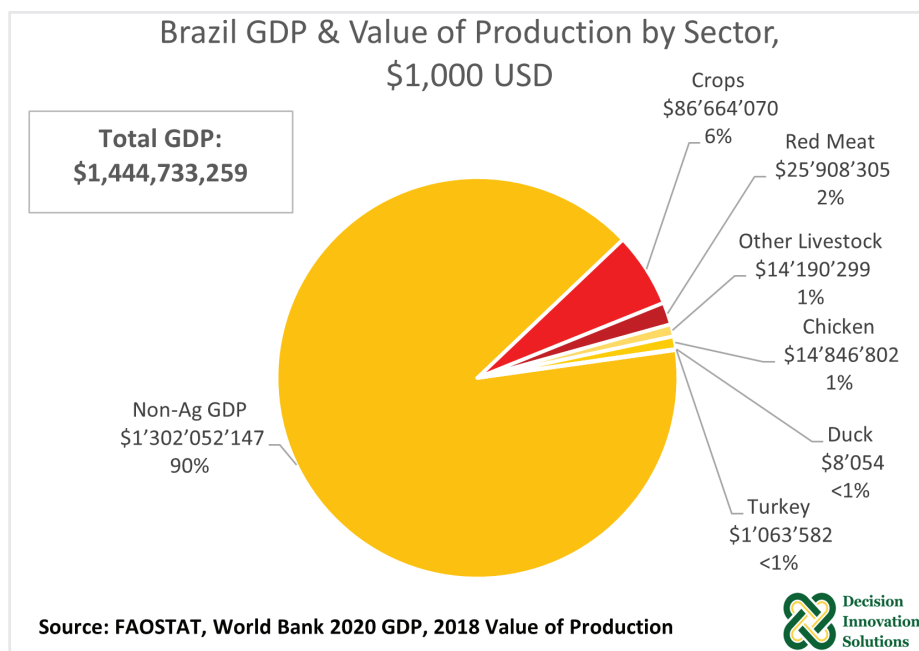


Figure 98. Brazil GDP & value of production by sector

The combined (direct and indirect) effects of agricultural production in Brazil are estimated to be \$304.6 billion. Of this amount, \$39.9 billion comes from the poultry industry, with \$37.2 billion from chicken meat production, \$20.2 million from duck production, and \$2.7 billion from turkey production. Agriculture pays a net value of \$8.0 billion in taxes, \$926.9 million of which is estimated to be from the poultry industry (Table 26).

ECONOMIC EFFECTS - BRAZIL (\$1,000 USD)				
	Direct	Indirect	Total	Taxes paid*
All agriculture	\$142'681'112	\$161'953'976	\$304'635'088	\$7'974'552
Livestock	\$56'017'042	\$63'583'627	\$119'600'669	\$3'130'833
Poultry	\$15'918'438	\$24'005'005	\$39'923'443	\$926'856
Chicken	\$14'846'802	\$22'388'977	\$37'235'779	\$864'460
Duck	\$8'054	\$12'145	\$20'199	\$469
Turkey	\$1'063'582	\$1'603'882	\$2'667'464	\$61'927

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

Table 26. Economic effects - Brazil

4.3.6.3 Labor

An estimated 96.5 million people were employed in Brazil's labor force in 2020. Of that total, 55.2 million were male and 41.3 million were female. An estimated 88.1 million people were employed in non-agricultural sectors. The agricultural sector employed 8.4 million people in 2020.

AGRICULTURAL LABOR FORCE CHARACTERISTICS - BRAZIL			
	Total	Female	Male
Total Country Labor	96'539'743	41'315'498	55'224'245
Non-Agricultural Labor	88'091'461	39'666'913	48'424'548
Agricultural Labor	8'448'282	1'648'585	6'799'697
Total Non-Poultry Agricultural Labor	7'495'102		
Total Poultry Labor	953'180		
Chicken Labor	889'012		
Turkey Labor	63'686		
Other Poultry Labor	482		
Wages (\$1,000 USD)			
Total Meat Processing Labor	577'601	\$4'403'079	
Livestock Processing Labor	357'777	\$2'727'354	
Poultry Processing Labor	219'824	\$1'675'726	

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

Table 27. Agricultural labor force characteristics - Brazil

Within the agricultural industry, 953,180 people worked in the poultry sector. Meat processing labor accounted for 577,601 jobs in Brazil. Wages earned from meat processing totaled \$4.4 billion. Livestock processing accounted for most of the labor from meat processing. Livestock meat processing employed 62% of the meat processing sector with 357,777 jobs in total. An estimated \$2.7 billion in wages earned were derived from livestock processing. About 38%, or 219,824 of the meat processing jobs were from poultry processing, collectively earning \$1.7 billion in wages.

4.3.6.4 Cost of Production

In Brazil, the cost of feed represents the largest share of broiler production total costs (69% in 2017). Day-old chicks is the second largest cost component at 14%, followed by housing (8%), and other variable costs (heating, electricity, litter, and animal health, 5%). Labor cost accounts for 3% of total costs, which is below Argentina's at 4%. The costs at farm level for insurance, bookkeeping, consultancy, telephone, and transport represent 1% of total costs (see Figure 99).

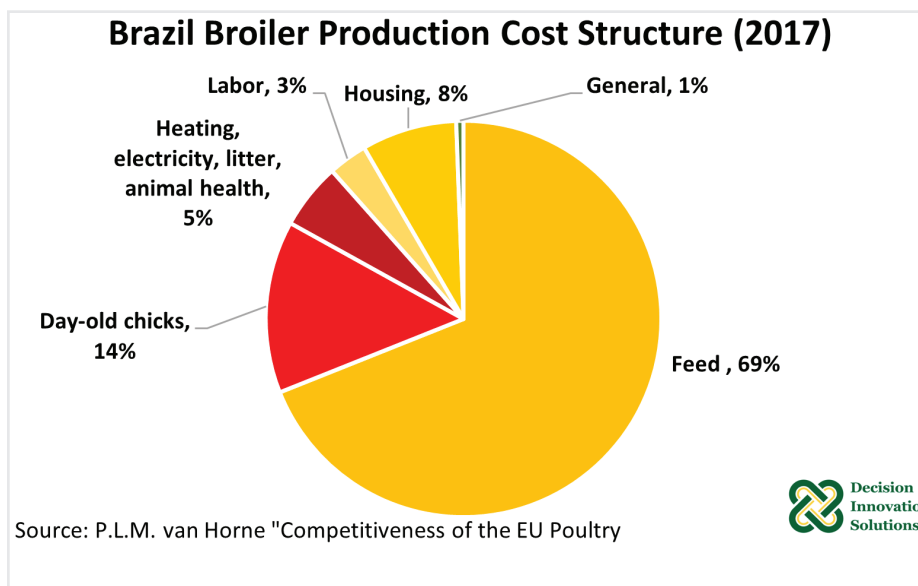


Figure 99. Brazil broiler production cost structure

4.3.6.5 Trade

Brazil is the second largest producer of broiler meat globally, after the USA, and is the top exporter of broiler meat in the world. Overall, the value of poultry meat exported to the world was estimated at \$5.8 billion in 2020. The value of poultry meat shipped to China made up about 22% (\$1.269 billion) of the total value exported by Brazil in 2020. The value of poultry exported to Saudi Arabia and Japan represented 12% (\$688.3 million) and 11.8% (\$667.8) of the total value of Brazil poultry exports, respectively (see Figure 100 and Figure 101).



Figure 100. Brazil top 10 poultry exports, trade value

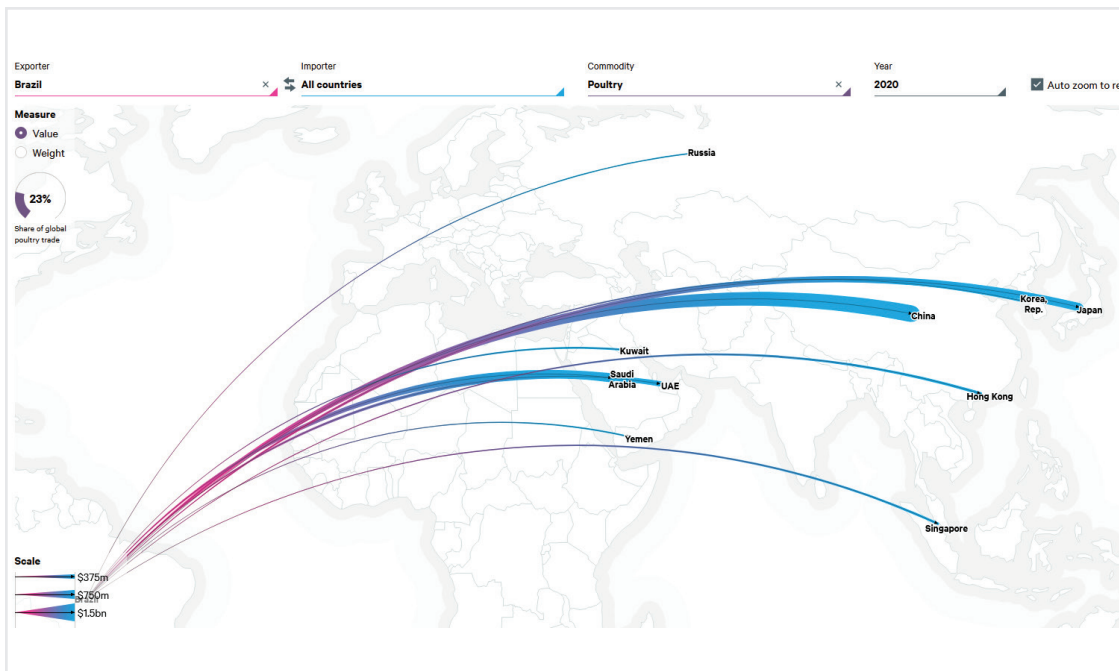


Figure 101. Brazil poultry export flows

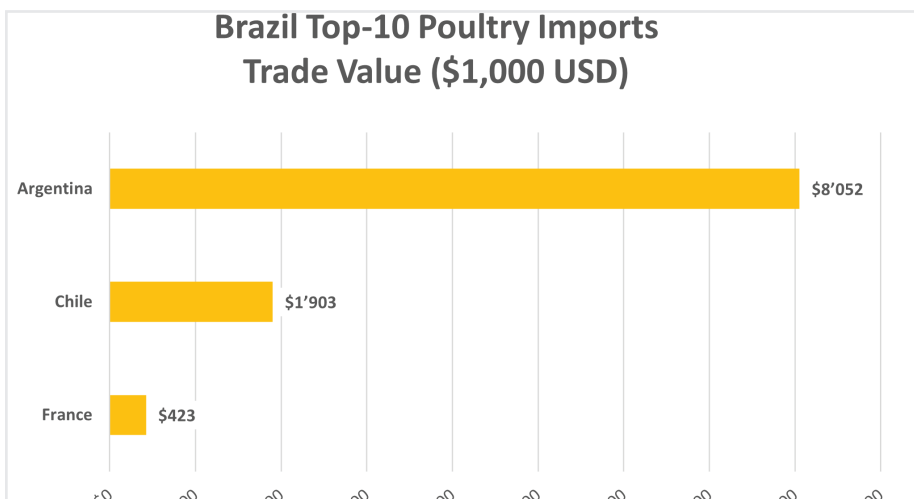


Figure 102. Brazil top 10 poultry imports, trade value

Brazil imported 5,171 MT of poultry meat with an estimated value of \$10.4 million in 2020. About 78% (4,030 MT) of the poultry meat imported by Brazil in 2020 was shipped from Argentina. Chile ranked second for supplying \$1.9 million of poultry meat to Brazil in 2020. Poultry imports from France totaled \$423,000 in 2020 (see Figure 102 and Figure 103).

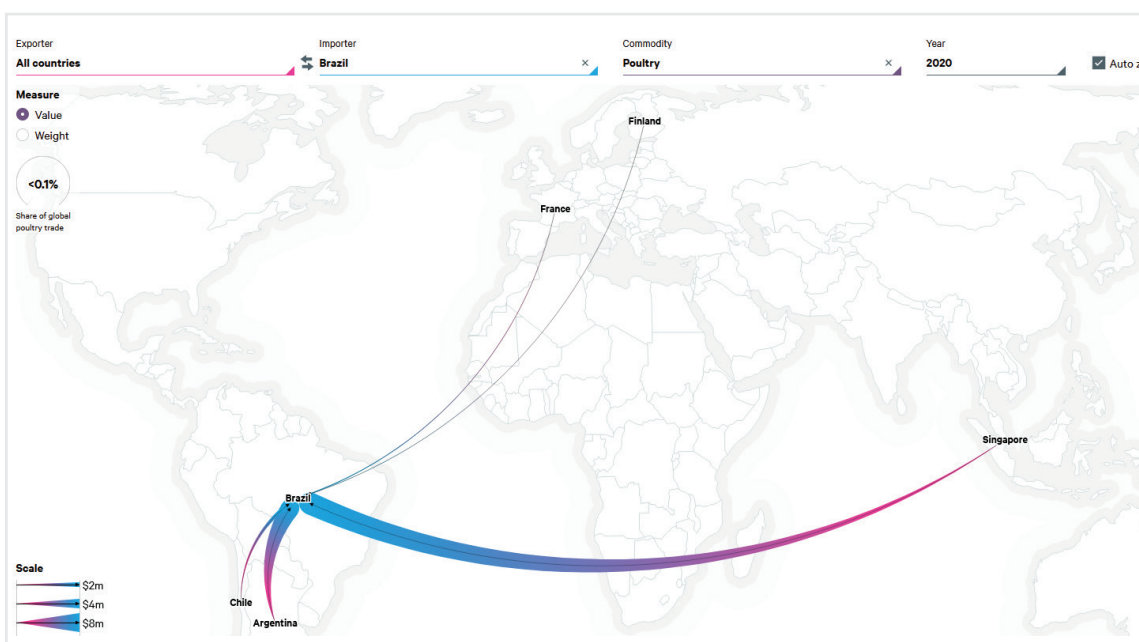


Figure 103. Brazil poultry import flows