

## 4.1 North America

In the FAO data, North America is defined as Canada and the United States.

### 4.1.1 Regional Demographics and Poultry Stocks

The North American poultry industry has an estimated 73,335 farms. Duck farms account for a significant share of the total poultry farms but it should be noted that the average duck farm is much smaller than the typical commercial broiler or turkey farm (Figure 25).

The North American broiler industry has 46,824 farms with 22,601 (48.3%) of those being commercial farms and 24,222 (51.7%) being household or micro-producer farms. North American broiler farms have stocks of 1.72 billion chickens with 93.2% being on commercial farms and 6.8% being on household or micro-producer farms.

The average size of commercial broiler farms is 76,292 head. The average size of the household or micro-producer farms is 148 head.

There are 12,667 duck farms in North America with an inventory of 9.185 million head. The average size duck farm is 725 head.

There are 13,844 turkey farms in North America with 104.8 million head of inventory. The average turkey farm has an inventory of 7,567 head.

In 2020, there were 1.96 billion stocks of poultry. Chicken stocks were 1.84 billion birds and there were 9.2 million ducks and 104.8 million turkeys.

Overall poultry stocks in North America have increased by 7.8% since 2010. Chicken stocks are up 8.4%, duck stocks up 12%, and turkey stocks down 2.4% (Figure 26).

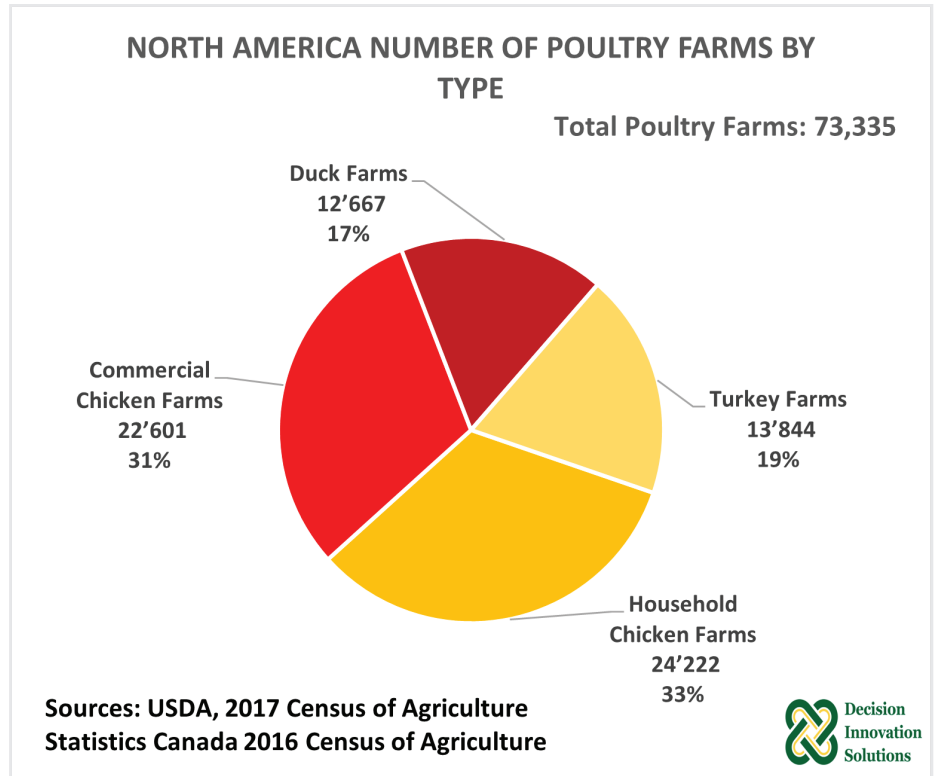


Figure 25. North America number of poultry farms by type

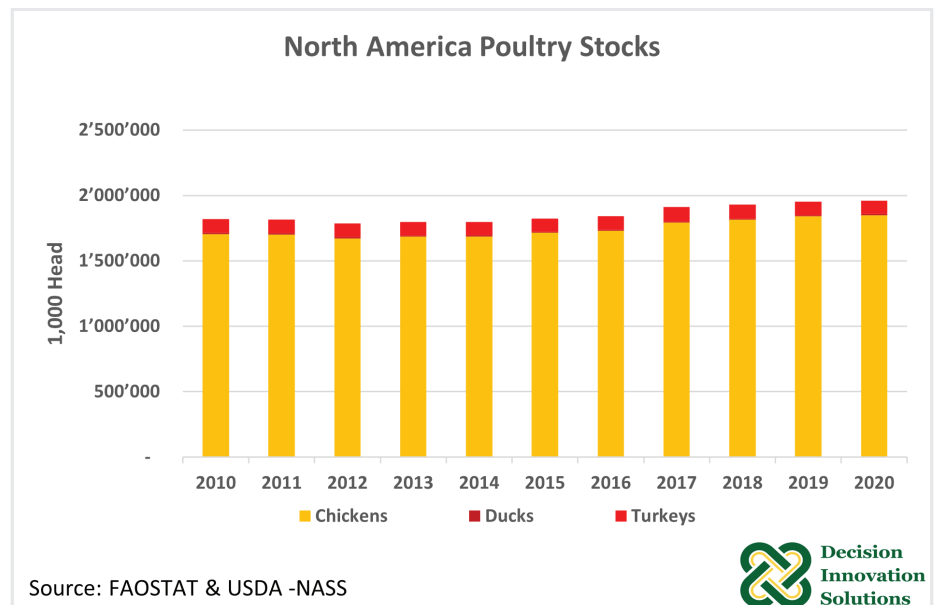


Figure 26. North America poultry stocks

### 4.1.2 Regional Economics

North American GDP in 2020 was \$22.3 trillion with 98% of that coming from non-ag sectors. The value of agricultural production in 2018 was \$387.6 billion with \$213 billion coming from the crops sector, \$134.4 billion from red meat production, and \$40.1 billion from the poultry sector. Within the poultry sector, the value of chicken production was \$34.7 billion, turkey value of production was \$5.3 billion and duck production was \$123.7 million (Figure 27).

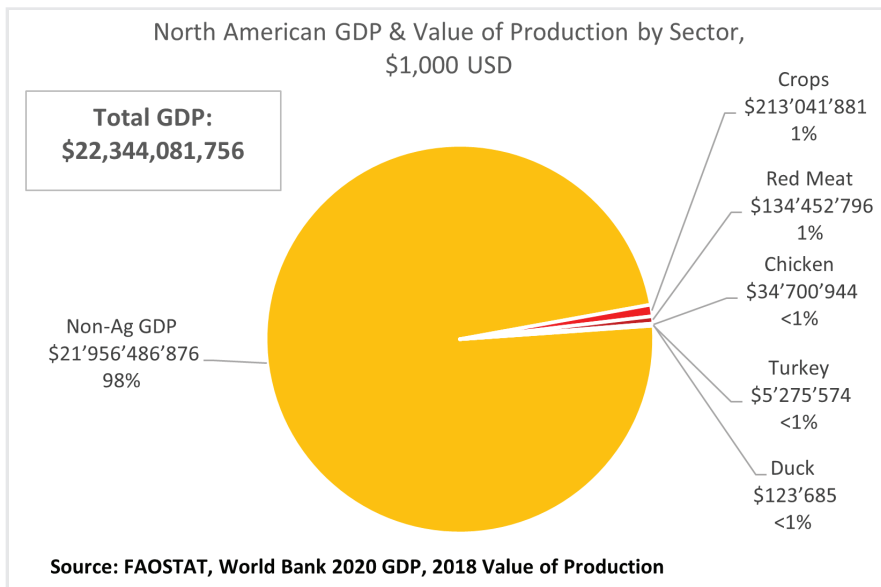


Figure 27. North American GDP & value of production by sector

### 4.1.3 Regional Poultry Production Volume and Value

Poultry production is increasing in North America. North American poultry production was 24.6 million metric tons with 89% being chicken meat, 11% turkey meat, and less than 1% duck meat (Figure 28).

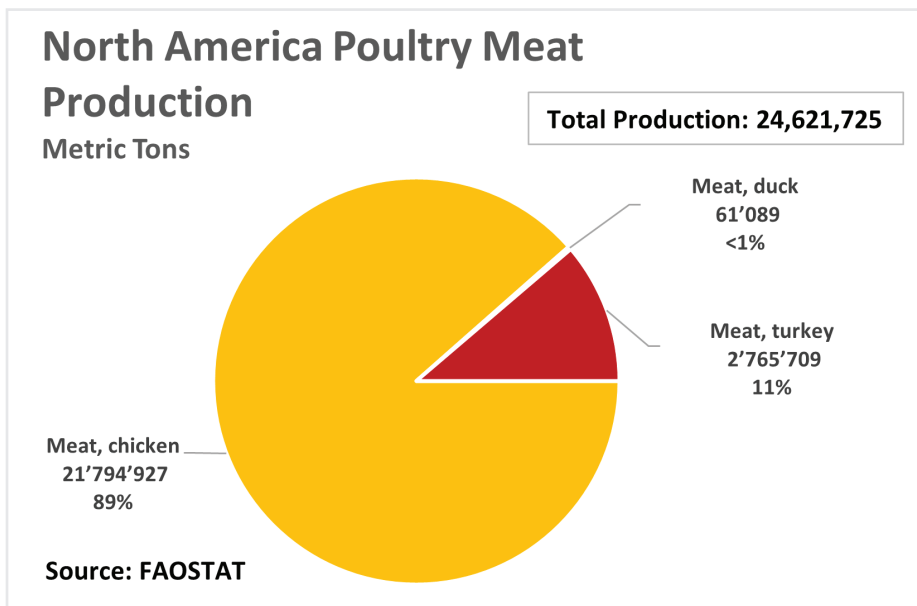


Figure 28. North America poultry meat production

North American poultry production in 2020 was valued at \$40.1 billion with 87% due to chicken production, 13% due to turkey production and less than 0.5% due to duck production (Figure 29).

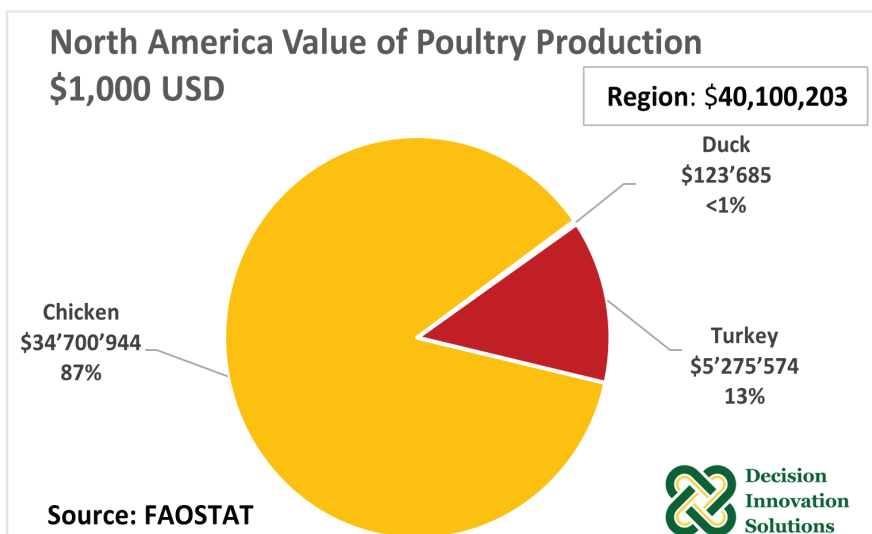


Figure 29. North America value of poultry production

#### 4.1.4 Regional Cost of Production

As indicated in Figure 30, in the USA feed for broiler production is the largest component of total production cost at 68%, followed by day-old chicks at 14%.

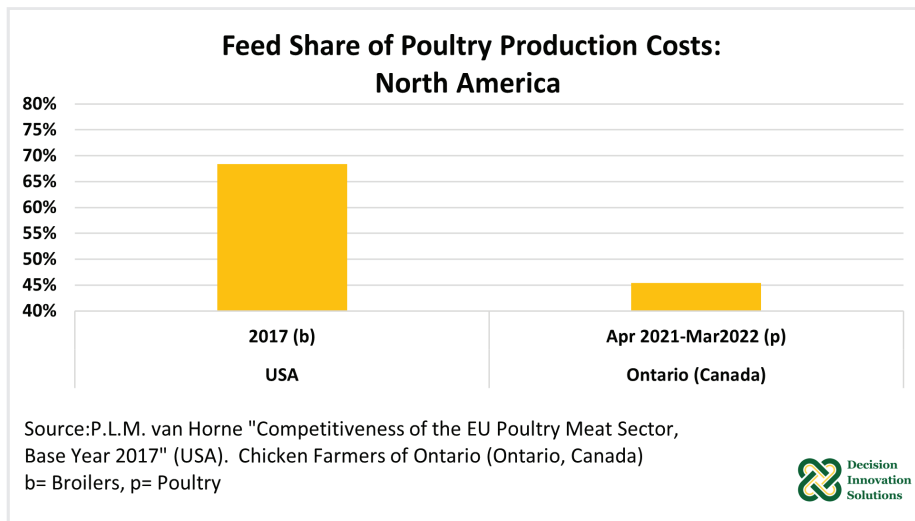


Figure 30. Feed share of poultry production costs: North America

For Ontario, Canada, data was from Chicken Farmers of Ontario. This data shown in the figure below, the cost of feed represented 45.4% of total costs during April 2021 to March 2022. The second largest input in poultry production was day-old chicks with 22.8% of total costs. As indicated by USDA, Ontario is the largest chicken producing province in Canada, accounting for about one-third of the market, and therefore Ontario live bird prices are the basis for the calculation of prices in other provinces.