

4.6 Asia

4.6.1 Regional Demographics and Poultry Stocks

The Asian poultry industry has 56.0 million farms with 47.8 million (85%) of those being household or micro-producer chicken farms. An estimated 6.8 million (12%) poultry farms are duck farms. Commercial chicken farms account for 1,457,508 or 3% of Asia's poultry farms. Less than 1% or 13,074 of Asia's poultry farms are turkey farms. The average size of the household or micro-producer chicken farm is 31 head. The average size of a duck farm is 153 head. Commercial chicken farms have an average 9,520 head. The average turkey farm has 1,196 head (Figure 209).

Asian broiler farms have stocks of 15.4 billion chickens with 90.7% being on commercial farms and 9.3% being on household or micro-producer farms. Asia has duck stocks of 1.03 billion head and turkey stocks of 15.6 million head.

Overall poultry stocks have increased since 2010. Chicken stocks have increased 38.4%, duck stocks have declined 3%, and turkey stocks have increased 38.5% (Figure 210).

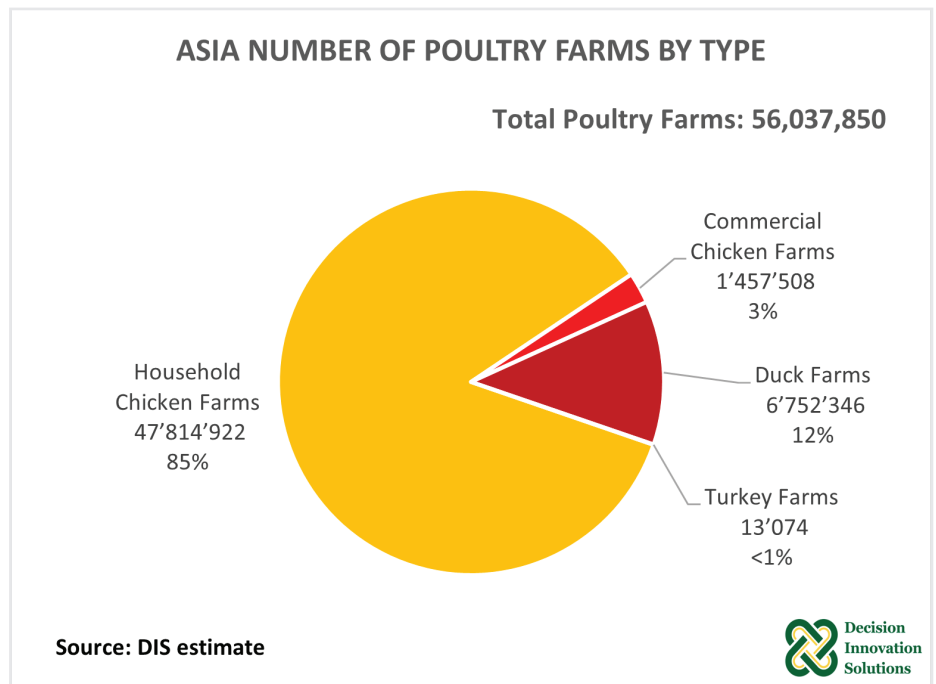


Figure 209. Asia number of poultry farms by type

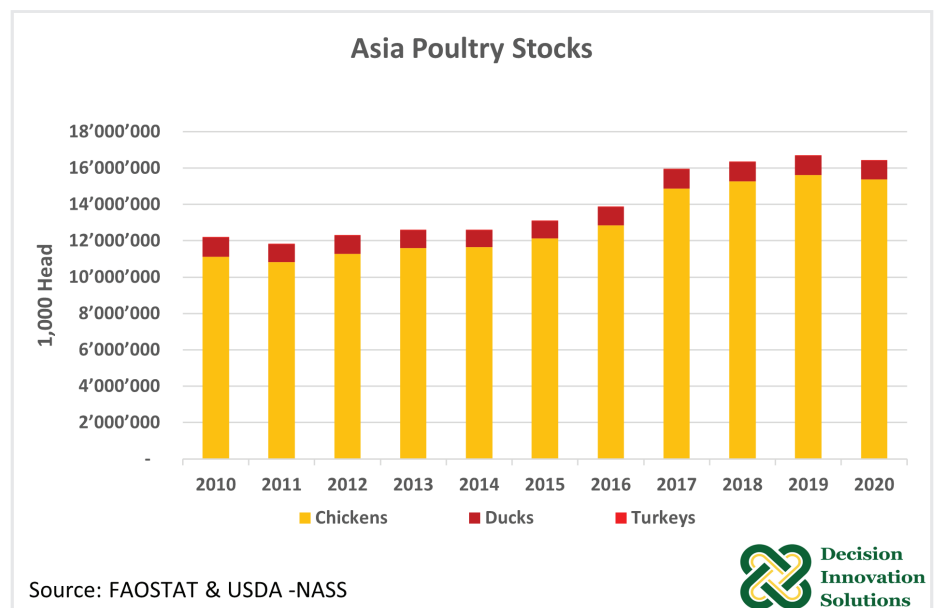


Figure 210. Asia poultry stocks

4.6.2 Regional Economics

Asia's total GDP was an estimated \$31.5 trillion in 2020. Agricultural production was approximately 6% of the total GDP. Crop production was 5% or \$1.4 trillion. About 1%, or \$457.6 billion, of Asia's total GDP was derived from red meat production. Poultry production was less than 1% of the total Asian GDP (Figure 211).

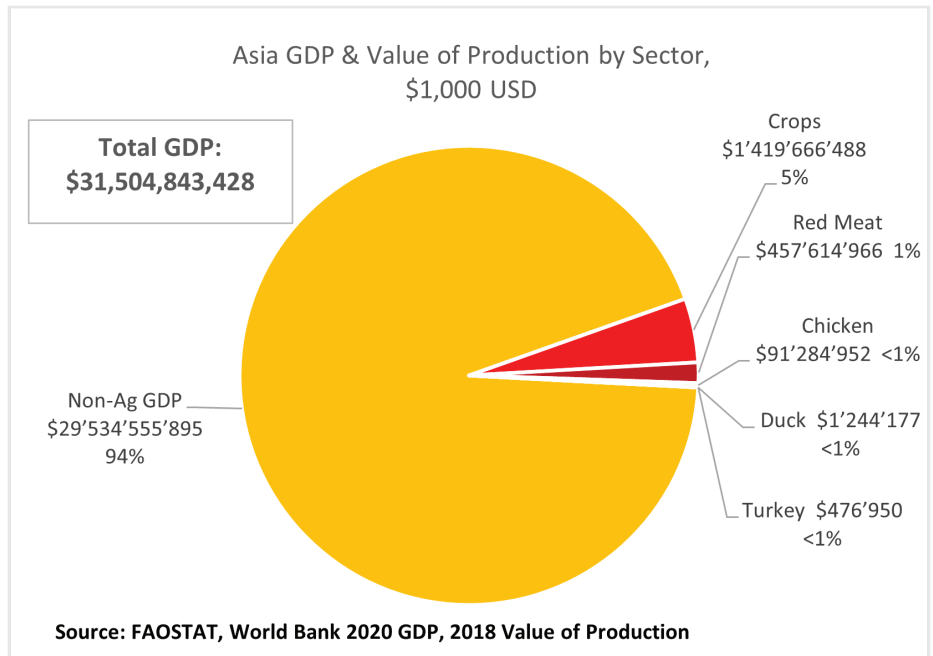


Figure 211. Asia GDP & value of production by sector

4.6.3 Regional Poultry Production Volume and Value

Asia produced 47.9 million metric tons of poultry meat in 2020 with 91% being chicken meat, 9% being duck meat, and less than 0.5% being turkey meat (Figure 212).

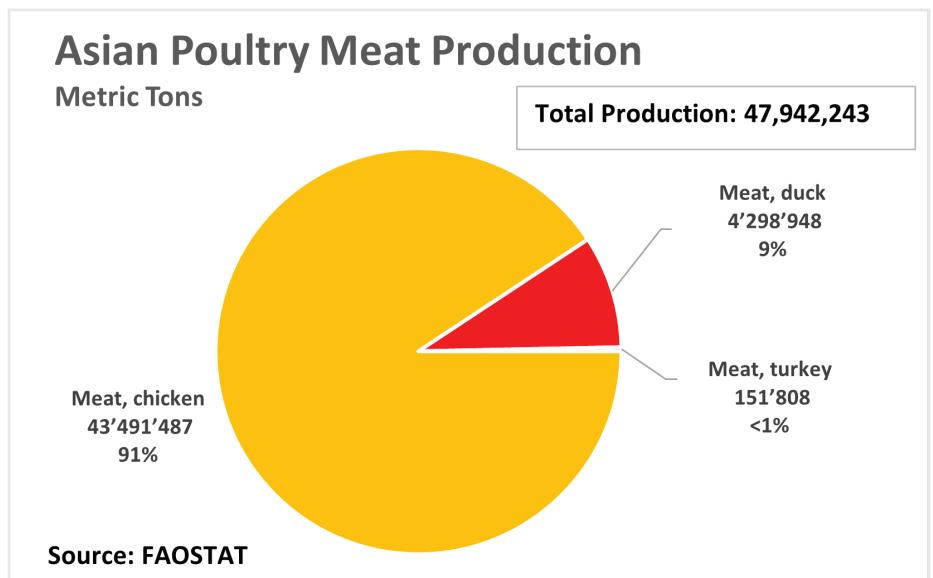


Figure 212. Asia poultry meat production

Asian poultry production has increased 33.7% since 2010. Asian value of poultry production in 2020 was \$93 billion with 98% due to chicken production, 1% due to turkey production, and 1% due to duck production (Figure 213).

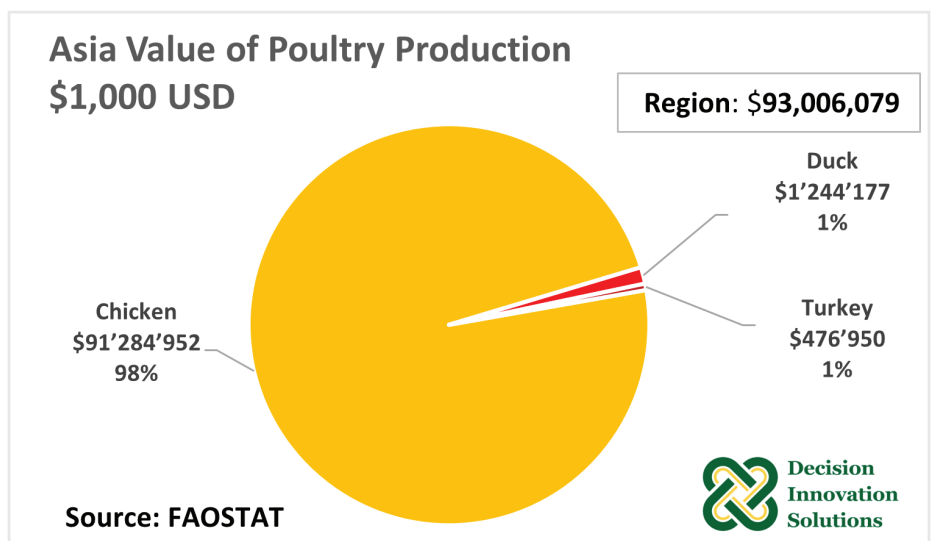


Figure 213. Asia value of poultry production

4.6.4 Regional Cost of Production

As Figure 214 indicates, the share of feed cost relative to total cost of poultry production for countries in the Asian region represented the largest share of total cost despite differences in years of data included. In China the cost of feed for broilers production in 2020 had a share of total cost equal to 67%, while for Russia in 2017, 62% of total cost of poultry production was due to feed cost. In 2021, Turkey's share of feed cost represented 80% of total costs. For India (2016) and Thailand (2017) the cost of feed represented 70% and 67% of total production cost, respectively (see Figure 214).

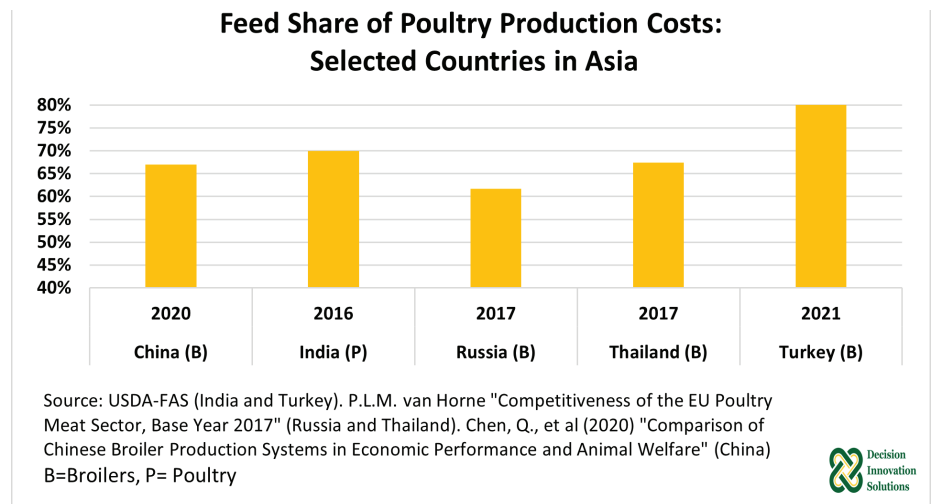


Figure 214. Feed share of poultry production costs: Asia