

Meantime there has been an increased consumption per head in towns.

About 60,000 tons of frozen mutton are imported into Europe annually from Australia and the River Plate. An engine of 70-horse power serves to refrigerate a chamber containing 250 tons of meat, and consumes 50 tons of coal in a voyage of forty days.

The production of meat was approximately as follows:

| | Tons Yearly | | | |
|-----------------|-------------|------------|------------|------------|
| | 1851-40 | 1851-60 | 1874-84 | 1887 |
| U. Kingdom | 980,000 | 1,047,000 | 1,100,000 | 1,105,000 |
| France | 670,000 | 940,000 | 1,115,000 | 1,200,000 |
| Germany | 600,000 | 1,246,000 | 1,300,000 | 1,375,000 |
| Russia | 1,430,000 | 1,670,000 | 1,800,000 | 1,855,000 |
| Austria | 990,000 | 1,040,000 | 1,080,000 | 1,080,000 |
| Italy | 300,000 | 300,000 | 330,000 | 360,000 |
| Spain | 405,000 | 350,000 | 400,000 | 525,000 |
| Portugal | 70,000 | 77,000 | 90,000 | 95,000 |
| Sweden | 160,000 | 120,000 | 135,000 | 140,000 |
| Norway | 44,000 | 64,000 | 67,000 | 69,000 |
| Denmark | 100,000 | 115,000 | 110,000 | 115,000 |
| Holland | 60,000 | 104,000 | 120,000 | 125,000 |
| Belgium | 70,000 | 90,000 | 105,000 | 110,000 |
| Other countries | 310,000 | 360,000 | 440,000 | 451,000 |
| Europe | 6,471,000 | 7,463,000 | 8,303,000 | 8,633,000 |
| U. States | 2,050,000 | 2,050,000 | 4,120,000 | 4,750,000 |
| Canada | 90,000 | 140,000 | 240,000 | 260,000 |
| Australia | 40,000 | 140,000 | 300,000 | 450,000 |
| Argentina | 50,000 | 100,000 | 300,000 | 300,000 |
| Republic | | | | |
| Total | 8,701,000 | 10,493,000 | 13,263,000 | 14,393,000 |

The production in the various countries in 1887 was approximately as follows:

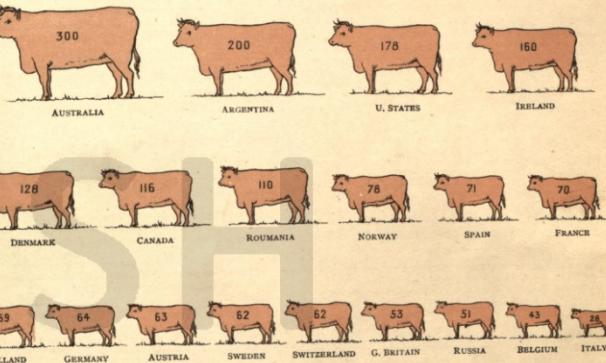
| | Tons Produced | | | |
|----------------|---------------|-----------|------------|------------|
| | Beef | Mutton | Pork | Total |
| United Kingdom | 545,000 | 365,000 | 195,000 | 1,105,000 |
| France | 710,000 | 250,000 | 200,000 | 1,170,000 |
| Germany | 710,000 | 210,000 | 455,000 | 1,320,000 |
| Russia | 1,050,000 | 415,000 | 120,000 | 1,375,000 |
| Austria | 640,000 | 415,000 | 420,000 | 1,375,000 |
| Italy | 220,000 | 80,000 | 320,000 | 1,384,000 |
| Spain | 125,000 | 220,000 | 55,000 | 300,000 |
| Portugal | 220,000 | 220,000 | 180,000 | 320,000 |
| Sweden | 103,000 | 25,000 | 45,000 | 152,000 |
| Norway | 48,000 | 14,000 | 42,000 | 94,000 |
| Denmark | 74,000 | 15,000 | 4,000 | 140,000 |
| Holland | 93,000 | 15,000 | 26,000 | 134,000 |
| Belgium | 74,000 | 9,000 | 23,000 | 115,000 |
| Switzerland | 51,000 | 5,000 | 31,000 | 125,000 |
| Roumania | 120,000 | 6,000 | 12,000 | 135,000 |
| Serbia | 27,000 | 40,000 | 80,000 | 147,000 |
| Greece | 19,000 | 23,000 | 50,000 | 92,000 |
| Europe | 4,374,000 | 1,845,000 | 2,214,000 | 8,633,000 |
| United States | 2,170,000 | 390,000 | 21,700,000 | 9,397,000 |
| Canada | 170,000 | 24,000 | 60,000 | 410,000 |
| Australia | 115,000 | 360,000 | 35,000 | 505,000 |
| Argentina | 150,000 | 150,000 | ... | 420,000 |
| Total | 7,205,000 | 2,709,000 | 4,479,000 | 14,393,000 |

There is a surplus production of 126,000 tons, which is consumed in the West Indies, Brazil, and other countries. At present Europe imports 660,000 tons yearly, and large supplies may in future be obtained from the United States, Australia, and the River Plate. Taking the

slaughter as usual in Europe, viz., 20 per cent. yearly of horned cattle, 40 per cent. of sheep, and 100 per cent. of pigs, and the average carcass at 500 lbs. of beef, 50 lbs. of mutton, and 100 lbs. pork, the annual production and the available surplus for exportation would be:—

FOOD-SUPPLY.

Production of Meat, lbs. yearly per Inhabitant.



Consumption of Meat, lbs. yearly per Inhabitant.

