Brazil chicken meat exports are forecast up 4 percent in 2023 on firm demand in key markets and production challenges by key competitors. Highly pathogenic avian influenza outbreaks in North America and Europe, rising energy costs in the EU, and production disruptions in the Ukraine have decreased competitors’ exportable supplies and price competitiveness. These events enable Brazil to benefit from firm global demand as consumers seek lower priced animal protein amid inflation of food prices. Further, Brazil ships a wide variety of products (including whole birds and breast cuts) to service a broad range of markets. For example, Brazil is a robust supplier of halal products to the Middle East which is forecast to have strong demand in 2023. Brazil will remain the world’s top exporter, accounting for over one-third of global shipments.

In 2023, Brazil beef exports are forecast up about 1 percent and it will maintain its position as top exporter, accounting for approximately 25 percent of beef exports by major traders. China is expected to remain Brazil’s largest market despite lower total beef imports due to increased domestic supplies. Argentina and Uruguay, Brazil’s main competitors in China, will have tighter supplies of cattle, limiting their exportable supplies. Furthermore, Brazil exports only frozen boneless beef to China and at more competitive prices than New Zealand and Australia making its shipments more attractive amid the economic slowdown. In addition to China, Brazil shipments to Middle East and Southeast Asia markets are expected to climb as India’s exports are expected to be stagnant.

Brazil is expected to maintain its position as the world’s fourth-largest pork exporter in 2023 with approximately 10-percent market share. Brazil pork exports are forecast up 3 percent on robust exports to South America and Southeast Asia, including the Philippines where African swine fever constrains production. China will remain Brazil’s top destination, but China’s total pork imports are expected to fall due to rising domestic supplies.
# Table of Contents

**Beef and Veal**  
Overview ........................................................................................................ 3  
Beef Summary Tables ....................................................................................... 4  
Cattle Summary Tables .................................................................................... 6  

**Pork**  
Overview ........................................................................................................ 8  
Pork Summary Tables ....................................................................................... 9  
Swine Summary Tables ................................................................................... 11  

**Chicken Meat**  
Overview ....................................................................................................... 13  
Chicken Meat Summary Tables ...................................................................... 14  

**Notes to Readers** ....................................................................................... 16
Global production is forecast fractionally lower in 2023 as falling North America and EU production offsets gains in Brazil, China, and Australia. Brazil production is expected to increase 1 percent based on firm global demand in key markets although higher input costs and a weak domestic market will constrain growth. In China, higher cattle inventories are anticipated to support a 5 percent increase in beef production. Meanwhile, Australia production is expected to surge 13 percent on improved pasture conditions.

Global exports in 2023 are forecast down 1 percent due to lower import demand, particularly in China. Nevertheless, lower total exports from North America and India are expected to benefit Australia and Brazil. Reduced North America competition in East Asia and rebounding Australia production will allow Australia to boost its shipments and increase market share. Meanwhile, Brazil exports are forecast record high as aggregate exports from its main competitors (Argentina, Paraguay, Uruguay, and India) are expected to fall 3 percent. Smaller cattle inventories are expected to weigh on the exportable supplies of Argentina, Paraguay, and Uruguay. As for India, exports are expected to be unchanged from 2022 with limited growth to a number of markets.

U.S. production and exports: U.S. beef production is forecast down 6 percent on tighter cattle inventories. In 2022, drought conditions in much of the United States have resulted in high culling rates and earlier-than-normal placement of cattle in feedlots. This will result in a smaller cattle herd in 2023. U.S. exports are forecast 14 percent lower than 2022’s record volume as tighter cattle supplies and potential heifer herd retention will be reflected in lower beef production, thus constraining exportable supplies. Nevertheless, U.S. exports are expected to remain historically elevated on firm demand in key market
## Beef and Veal Production - Top Countries Summary

### 1,000 Metric Tons (Carcass Weight Equivalent)

<table>
<thead>
<tr>
<th>Country</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brazil</td>
<td>9,975</td>
<td>10,050</td>
<td>9,975</td>
<td>9,750</td>
<td>10,350</td>
<td>10,450</td>
</tr>
<tr>
<td>China</td>
<td>6,440</td>
<td>6,670</td>
<td>6,720</td>
<td>6,980</td>
<td>7,125</td>
<td>7,500</td>
</tr>
<tr>
<td>European Union</td>
<td>7,067</td>
<td>6,964</td>
<td>6,882</td>
<td>6,865</td>
<td>6,820</td>
<td>6,700</td>
</tr>
<tr>
<td>India</td>
<td>4,240</td>
<td>4,270</td>
<td>3,760</td>
<td>4,195</td>
<td>4,350</td>
<td>4,425</td>
</tr>
<tr>
<td>Argentina</td>
<td>3,500</td>
<td>3,125</td>
<td>3,170</td>
<td>3,000</td>
<td>3,080</td>
<td>3,050</td>
</tr>
<tr>
<td>Mexico</td>
<td>1,980</td>
<td>2,027</td>
<td>2,079</td>
<td>2,129</td>
<td>2,175</td>
<td>2,225</td>
</tr>
<tr>
<td>Australia</td>
<td>2,309</td>
<td>2,432</td>
<td>2,125</td>
<td>1,888</td>
<td>1,950</td>
<td>2,100</td>
</tr>
<tr>
<td>Canada</td>
<td>1,265</td>
<td>1,342</td>
<td>1,314</td>
<td>1,385</td>
<td>1,385</td>
<td>1,375</td>
</tr>
<tr>
<td>Russia</td>
<td>1,357</td>
<td>1,374</td>
<td>1,378</td>
<td>1,380</td>
<td>1,380</td>
<td>1,370</td>
</tr>
<tr>
<td>South Africa</td>
<td>1,027</td>
<td>1,019</td>
<td>1,008</td>
<td>996</td>
<td>997</td>
<td>1,001</td>
</tr>
<tr>
<td>Others</td>
<td>6,844</td>
<td>6,869</td>
<td>6,858</td>
<td>7,069</td>
<td>6,940</td>
<td>6,921</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>45,554</td>
<td>46,142</td>
<td>45,269</td>
<td>45,637</td>
<td>46,552</td>
<td>47,227</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td>12,256</td>
<td>12,385</td>
<td>12,389</td>
<td>12,734</td>
<td>12,820</td>
<td>12,017</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>57,810</td>
<td>58,527</td>
<td>57,658</td>
<td>58,371</td>
<td>59,372</td>
<td>59,244</td>
</tr>
</tbody>
</table>

### Total Dom. Consumption

<table>
<thead>
<tr>
<th>Country</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>7,808</td>
<td>8,826</td>
<td>9,485</td>
<td>9,987</td>
<td>10,245</td>
<td>10,330</td>
</tr>
<tr>
<td>Brazil</td>
<td>8,000</td>
<td>7,779</td>
<td>7,486</td>
<td>7,492</td>
<td>7,471</td>
<td>7,547</td>
</tr>
<tr>
<td>European Union</td>
<td>6,753</td>
<td>6,698</td>
<td>6,518</td>
<td>6,512</td>
<td>6,505</td>
<td>6,450</td>
</tr>
<tr>
<td>India</td>
<td>2,729</td>
<td>2,776</td>
<td>2,476</td>
<td>2,798</td>
<td>2,875</td>
<td>2,950</td>
</tr>
<tr>
<td>Argentina</td>
<td>2,568</td>
<td>2,379</td>
<td>2,366</td>
<td>2,273</td>
<td>2,316</td>
<td>2,305</td>
</tr>
<tr>
<td>Mexico</td>
<td>1,902</td>
<td>1,901</td>
<td>1,898</td>
<td>1,938</td>
<td>1,905</td>
<td>1,985</td>
</tr>
<tr>
<td>Russia</td>
<td>1,790</td>
<td>1,766</td>
<td>1,708</td>
<td>1,628</td>
<td>1,530</td>
<td>1,510</td>
</tr>
<tr>
<td>Japan</td>
<td>1,298</td>
<td>1,319</td>
<td>1,295</td>
<td>1,263</td>
<td>1,265</td>
<td>1,287</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>1,244</td>
<td>1,134</td>
<td>1,160</td>
<td>1,137</td>
<td>1,129</td>
<td>1,115</td>
</tr>
<tr>
<td>Canada</td>
<td>1,015</td>
<td>1,029</td>
<td>1,044</td>
<td>999</td>
<td>1,012</td>
<td>1,015</td>
</tr>
<tr>
<td>Others</td>
<td>8,201</td>
<td>8,231</td>
<td>8,093</td>
<td>8,126</td>
<td>7,996</td>
<td>8,167</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>43,308</td>
<td>43,838</td>
<td>43,529</td>
<td>44,153</td>
<td>44,249</td>
<td>44,661</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td>12,181</td>
<td>12,409</td>
<td>12,531</td>
<td>12,712</td>
<td>12,712</td>
<td>12,185</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>55,489</td>
<td>56,247</td>
<td>56,060</td>
<td>56,865</td>
<td>56,961</td>
<td>56,846</td>
</tr>
</tbody>
</table>

**Notes:** Includes meat of other bovines for certain countries. India includes carabeef (water buffalo). The notation of a month beneath a year conveys the month in which the forecast for that year was released.
# Beef and Veal Trade - Top Countries Summary

1,000 Metric Tons (Carcass Weight Equivalent)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Imports</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>China</td>
<td>1,369</td>
<td>2,177</td>
<td>2,781</td>
<td>3,024</td>
<td>3,140</td>
<td>2,850</td>
</tr>
<tr>
<td>Japan</td>
<td>840</td>
<td>853</td>
<td>832</td>
<td>807</td>
<td>800</td>
<td>805</td>
</tr>
<tr>
<td>Korea, South</td>
<td>515</td>
<td>550</td>
<td>549</td>
<td>588</td>
<td>610</td>
<td>620</td>
</tr>
<tr>
<td>Chile</td>
<td>308</td>
<td>347</td>
<td>342</td>
<td>464</td>
<td>410</td>
<td>410</td>
</tr>
<tr>
<td>European Union</td>
<td>422</td>
<td>435</td>
<td>350</td>
<td>321</td>
<td>385</td>
<td>400</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>478</td>
<td>405</td>
<td>399</td>
<td>393</td>
<td>415</td>
<td>395</td>
</tr>
<tr>
<td>Egypt</td>
<td>300</td>
<td>340</td>
<td>230</td>
<td>300</td>
<td>315</td>
<td>295</td>
</tr>
<tr>
<td>Malaysia</td>
<td>204</td>
<td>197</td>
<td>206</td>
<td>214</td>
<td>235</td>
<td>235</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>521</td>
<td>356</td>
<td>513</td>
<td>371</td>
<td>175</td>
<td>225</td>
</tr>
<tr>
<td>Philippines</td>
<td>187</td>
<td>185</td>
<td>190</td>
<td>221</td>
<td>225</td>
<td>225</td>
</tr>
<tr>
<td>Others</td>
<td>1,818</td>
<td>1,851</td>
<td>1,779</td>
<td>1,712</td>
<td>1,665</td>
<td>1,705</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>6,962</td>
<td>7,696</td>
<td>8,171</td>
<td>8,415</td>
<td>8,375</td>
<td>8,165</td>
</tr>
<tr>
<td>United States</td>
<td>1,360</td>
<td>1,387</td>
<td>1,515</td>
<td>1,518</td>
<td>1,537</td>
<td>1,520</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>8,322</td>
<td>9,083</td>
<td>9,686</td>
<td>9,933</td>
<td>9,912</td>
<td>9,685</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Exports</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brazil</td>
<td>2,021</td>
<td>2,314</td>
<td>2,539</td>
<td>2,320</td>
<td>2,950</td>
<td>2,975</td>
</tr>
<tr>
<td>Australia</td>
<td>1,582</td>
<td>1,739</td>
<td>1,473</td>
<td>1,291</td>
<td>1,300</td>
<td>1,510</td>
</tr>
<tr>
<td>India</td>
<td>1,511</td>
<td>1,494</td>
<td>1,284</td>
<td>1,397</td>
<td>1,475</td>
<td>1,475</td>
</tr>
<tr>
<td>Argentina</td>
<td>501</td>
<td>763</td>
<td>818</td>
<td>735</td>
<td>770</td>
<td>750</td>
</tr>
<tr>
<td>European Union</td>
<td>736</td>
<td>701</td>
<td>714</td>
<td>674</td>
<td>700</td>
<td>650</td>
</tr>
<tr>
<td>New Zealand</td>
<td>602</td>
<td>623</td>
<td>638</td>
<td>683</td>
<td>640</td>
<td>630</td>
</tr>
<tr>
<td>Canada</td>
<td>477</td>
<td>525</td>
<td>513</td>
<td>596</td>
<td>585</td>
<td>575</td>
</tr>
<tr>
<td>Uruguay</td>
<td>436</td>
<td>436</td>
<td>411</td>
<td>557</td>
<td>570</td>
<td>535</td>
</tr>
<tr>
<td>Mexico</td>
<td>272</td>
<td>315</td>
<td>343</td>
<td>363</td>
<td>430</td>
<td>440</td>
</tr>
<tr>
<td>Paraguay</td>
<td>355</td>
<td>338</td>
<td>371</td>
<td>434</td>
<td>435</td>
<td>390</td>
</tr>
<tr>
<td>Others</td>
<td>710</td>
<td>757</td>
<td>794</td>
<td>834</td>
<td>810</td>
<td>813</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>9,203</td>
<td>10,005</td>
<td>9,898</td>
<td>9,884</td>
<td>10,665</td>
<td>10,743</td>
</tr>
<tr>
<td>United States</td>
<td>1,433</td>
<td>1,373</td>
<td>1,338</td>
<td>1,561</td>
<td>1,620</td>
<td>1,393</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>10,636</td>
<td>11,378</td>
<td>11,236</td>
<td>11,445</td>
<td>12,285</td>
<td>12,136</td>
</tr>
</tbody>
</table>

**Notes:** Includes meat of other bovines for certain countries. Indian exports are carabeef (water buffalo). The notation of a month beneath a year conveys the month in which the forecast for that year was released.
## Cattle Stocks - Top Countries Summary

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Cattle Beg. Stks</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>India</td>
<td>301,900</td>
<td>302,700</td>
<td>303,200</td>
<td>305,500</td>
<td>306,700</td>
<td>307,550</td>
</tr>
<tr>
<td>Brazil</td>
<td>186,245</td>
<td>187,290</td>
<td>190,026</td>
<td>193,195</td>
<td>193,780</td>
<td>194,365</td>
</tr>
<tr>
<td>China</td>
<td>90,386</td>
<td>88,791</td>
<td>90,828</td>
<td>95,009</td>
<td>97,559</td>
<td>101,200</td>
</tr>
<tr>
<td>European Union</td>
<td>79,010</td>
<td>77,840</td>
<td>77,161</td>
<td>76,499</td>
<td>75,648</td>
<td>74,460</td>
</tr>
<tr>
<td>Argentina</td>
<td>54,793</td>
<td>55,008</td>
<td>54,461</td>
<td>53,540</td>
<td>53,400</td>
<td>52,950</td>
</tr>
<tr>
<td>Australia</td>
<td>26,176</td>
<td>25,699</td>
<td>23,655</td>
<td>23,021</td>
<td>23,944</td>
<td>25,710</td>
</tr>
<tr>
<td>Mexico</td>
<td>16,584</td>
<td>16,699</td>
<td>16,900</td>
<td>17,000</td>
<td>17,314</td>
<td>17,900</td>
</tr>
<tr>
<td>Russia</td>
<td>18,195</td>
<td>18,050</td>
<td>18,022</td>
<td>17,953</td>
<td>17,798</td>
<td>17,435</td>
</tr>
<tr>
<td>Uruguay</td>
<td>11,744</td>
<td>11,396</td>
<td>11,436</td>
<td>11,966</td>
<td>11,646</td>
<td>11,636</td>
</tr>
<tr>
<td>Canada</td>
<td>11,670</td>
<td>11,670</td>
<td>11,540</td>
<td>11,515</td>
<td>11,505</td>
<td>11,195</td>
</tr>
<tr>
<td>Others</td>
<td>38,054</td>
<td>38,031</td>
<td>38,004</td>
<td>38,039</td>
<td>38,140</td>
<td>37,722</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>834,757</td>
<td>833,174</td>
<td>835,233</td>
<td>843,237</td>
<td>847,434</td>
<td>852,123</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td>94,298</td>
<td>94,805</td>
<td>93,793</td>
<td>93,790</td>
<td>91,902</td>
<td>89,400</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>929,055</td>
<td>927,979</td>
<td>929,026</td>
<td>937,027</td>
<td>939,336</td>
<td>941,523</td>
</tr>
</tbody>
</table>

## Production (Calf Crop)

<table>
<thead>
<tr>
<th>Country</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>India</td>
<td>68,600</td>
<td>69,000</td>
<td>69,400</td>
<td>69,800</td>
<td>70,000</td>
<td>70,100</td>
</tr>
<tr>
<td>China</td>
<td>46,400</td>
<td>50,750</td>
<td>51,900</td>
<td>50,525</td>
<td>52,500</td>
<td>52,575</td>
</tr>
<tr>
<td>Brazil</td>
<td>47,430</td>
<td>49,490</td>
<td>49,150</td>
<td>46,550</td>
<td>47,836</td>
<td>48,160</td>
</tr>
<tr>
<td>European Union</td>
<td>25,461</td>
<td>25,365</td>
<td>25,030</td>
<td>24,770</td>
<td>24,500</td>
<td>24,250</td>
</tr>
<tr>
<td>Argentina</td>
<td>14,851</td>
<td>14,965</td>
<td>14,300</td>
<td>14,460</td>
<td>13,900</td>
<td>14,100</td>
</tr>
<tr>
<td>Australia</td>
<td>9,100</td>
<td>8,700</td>
<td>8,300</td>
<td>8,200</td>
<td>8,800</td>
<td>9,300</td>
</tr>
<tr>
<td>Mexico</td>
<td>7,700</td>
<td>7,900</td>
<td>8,000</td>
<td>8,150</td>
<td>8,350</td>
<td>8,475</td>
</tr>
<tr>
<td>Russia</td>
<td>6,566</td>
<td>6,680</td>
<td>6,660</td>
<td>6,600</td>
<td>6,525</td>
<td>6,475</td>
</tr>
<tr>
<td>New Zealand</td>
<td>4,895</td>
<td>5,127</td>
<td>5,135</td>
<td>5,183</td>
<td>5,121</td>
<td>5,050</td>
</tr>
<tr>
<td>Canada</td>
<td>4,412</td>
<td>4,440</td>
<td>4,435</td>
<td>4,475</td>
<td>4,405</td>
<td>4,230</td>
</tr>
<tr>
<td>Others</td>
<td>12,168</td>
<td>12,191</td>
<td>12,404</td>
<td>11,940</td>
<td>11,844</td>
<td>11,658</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>247,583</td>
<td>254,608</td>
<td>254,714</td>
<td>250,653</td>
<td>253,781</td>
<td>254,373</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td>36,313</td>
<td>35,592</td>
<td>35,496</td>
<td>35,085</td>
<td>34,600</td>
<td>33,500</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>283,896</td>
<td>290,196</td>
<td>290,210</td>
<td>285,738</td>
<td>288,381</td>
<td>287,873</td>
</tr>
</tbody>
</table>

Notes: May contain other bovines. The notation of a month beneath a year conveys the month in which the forecast for that year was released.
### Cattle Trade - Top Countries Summary
(in 1,000 head)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>157</td>
<td>199</td>
<td>266</td>
<td>361</td>
<td>365</td>
<td>285</td>
</tr>
<tr>
<td>Egypt</td>
<td>250</td>
<td>340</td>
<td>280</td>
<td>200</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>Canada</td>
<td>202</td>
<td>275</td>
<td>277</td>
<td>402</td>
<td>240</td>
<td>180</td>
</tr>
<tr>
<td>Mexico</td>
<td>24</td>
<td>29</td>
<td>37</td>
<td>101</td>
<td>110</td>
<td>30</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>8</td>
<td>12</td>
<td>59</td>
<td>18</td>
<td>24</td>
<td>25</td>
</tr>
<tr>
<td>Others</td>
<td>202</td>
<td>231</td>
<td>131</td>
<td>89</td>
<td>34</td>
<td>37</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>843</td>
<td>1,086</td>
<td>1,050</td>
<td>1,171</td>
<td>973</td>
<td>757</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td>1,899</td>
<td>2,043</td>
<td>2,114</td>
<td>1,775</td>
<td>1,655</td>
<td>1,950</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>2,742</td>
<td>3,129</td>
<td>3,164</td>
<td>2,946</td>
<td>2,628</td>
<td>2,707</td>
</tr>
</tbody>
</table>

### Total Exports

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexico</td>
<td>1,278</td>
<td>1,381</td>
<td>1,485</td>
<td>1,037</td>
<td>950</td>
<td>1,300</td>
</tr>
<tr>
<td>European Union</td>
<td>1,060</td>
<td>1,070</td>
<td>1,122</td>
<td>987</td>
<td>950</td>
<td>900</td>
</tr>
<tr>
<td>Canada</td>
<td>631</td>
<td>725</td>
<td>675</td>
<td>645</td>
<td>755</td>
<td>675</td>
</tr>
<tr>
<td>Australia</td>
<td>1,151</td>
<td>1,344</td>
<td>1,109</td>
<td>788</td>
<td>525</td>
<td>625</td>
</tr>
<tr>
<td>Brazil</td>
<td>785</td>
<td>535</td>
<td>329</td>
<td>62</td>
<td>150</td>
<td>160</td>
</tr>
<tr>
<td>Others</td>
<td>552</td>
<td>351</td>
<td>369</td>
<td>480</td>
<td>310</td>
<td>252</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>5,457</td>
<td>5,406</td>
<td>5,089</td>
<td>3,999</td>
<td>3,640</td>
<td>3,912</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td>244</td>
<td>307</td>
<td>321</td>
<td>511</td>
<td>350</td>
<td>210</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>5,701</td>
<td>5,713</td>
<td>5,410</td>
<td>4,510</td>
<td>3,990</td>
<td>4,122</td>
</tr>
</tbody>
</table>

**Notes:** May contain other bovines. The notation of a month beneath a year conveys the month in which the forecast for that year was released.
Global production is forecast to rise 1 percent in 2023 to 111.0 million tons as production in China increases. China pork production is expected to grow 2 percent as the sector continues to recover from the impacts of African swine fever (ASF). High feed costs in China are expected to reduce incentives to over-fatten hogs. The United States, Brazil, and Mexico are also forecast to expand production, more than offsetting declines by other major producers including the EU and the United Kingdom (UK). Rising feed, energy costs, and environmental restrictions will dampen EU production. Producers in the UK face high feed costs and weaker demand for domestic pork. Brazil and Mexico continue to expand their hog sectors to meet growing domestic demand, partly driven by consumers seeking alternatives to higher-priced beef, and stronger export demand in several key countries. Production in Vietnam continues to rebound as the management of ASF has protected the sector from large-scale outbreaks.

Global exports are forecast to fall 2 percent to 10.5 million tons in 2023 as China imports weaken for a second consecutive year. Despite persistent issues with ASF, Philippines pork imports are also forecast to decline due to the end of policies favoring imports in 2022; the temporary increase in pork quota volumes ended in May 2022 and reduced tariffs were extended through the end of 2022. UK pork imports rise as pre-pandemic consumption trends are expected to return, shifting purchases from retail to food service, shifting demand for domestically produced pork to imported pork.

U.S. production and exports: U.S. production is forecast 1 percent higher in 2023 to 12.4 million tons on gradually increasing pig crops and heavier weights. However, U.S. exports are forecast lower in 2023 on easing demand by key importers such as Mexico and China.
### Pork Production - Top Countries Summary

1,000 Metric Tons (Carcass Weight Equivalent)

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>54,040</td>
<td>42,550</td>
<td>36,340</td>
<td>47,500</td>
<td>51,000</td>
<td>52,000</td>
</tr>
<tr>
<td>European Union</td>
<td>23,156</td>
<td>22,996</td>
<td>23,219</td>
<td>23,615</td>
<td>22,670</td>
<td>22,580</td>
</tr>
<tr>
<td>Brazil</td>
<td>3,763</td>
<td>3,975</td>
<td>4,125</td>
<td>4,365</td>
<td>4,350</td>
<td>4,420</td>
</tr>
<tr>
<td>Russia</td>
<td>3,155</td>
<td>3,324</td>
<td>3,611</td>
<td>3,700</td>
<td>3,800</td>
<td>3,800</td>
</tr>
<tr>
<td>Vietnam</td>
<td>2,811</td>
<td>2,430</td>
<td>2,467</td>
<td>2,590</td>
<td>2,700</td>
<td>2,750</td>
</tr>
<tr>
<td>Canada</td>
<td>1,955</td>
<td>2,000</td>
<td>2,115</td>
<td>2,101</td>
<td>2,055</td>
<td>2,040</td>
</tr>
<tr>
<td>Mexico</td>
<td>1,321</td>
<td>1,408</td>
<td>1,451</td>
<td>1,484</td>
<td>1,530</td>
<td>1,600</td>
</tr>
<tr>
<td>Korea, South</td>
<td>1,329</td>
<td>1,364</td>
<td>1,403</td>
<td>1,407</td>
<td>1,405</td>
<td>1,385</td>
</tr>
<tr>
<td>Japan</td>
<td>1,284</td>
<td>1,279</td>
<td>1,306</td>
<td>1,318</td>
<td>1,300</td>
<td>1,305</td>
</tr>
<tr>
<td>Philippines</td>
<td>1,601</td>
<td>1,585</td>
<td>1,115</td>
<td>1,000</td>
<td>950</td>
<td>1,000</td>
</tr>
<tr>
<td>Others</td>
<td>5,563</td>
<td>5,576</td>
<td>5,762</td>
<td>5,967</td>
<td>5,765</td>
<td>5,685</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>99,978</td>
<td>88,487</td>
<td>82,914</td>
<td>95,047</td>
<td>97,525</td>
<td>98,565</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td>11,943</td>
<td>12,543</td>
<td>12,845</td>
<td>12,560</td>
<td>12,321</td>
<td>12,410</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>111,921</td>
<td>101,030</td>
<td>95,759</td>
<td>107,607</td>
<td>109,846</td>
<td>110,975</td>
</tr>
</tbody>
</table>

### Total Dom. Consumption

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>55,295</td>
<td>44,866</td>
<td>41,521</td>
<td>51,726</td>
<td>52,690</td>
<td>53,575</td>
</tr>
<tr>
<td>European Union</td>
<td>19,654</td>
<td>18,894</td>
<td>18,204</td>
<td>18,727</td>
<td>18,920</td>
<td>18,970</td>
</tr>
<tr>
<td>Russia</td>
<td>3,202</td>
<td>3,363</td>
<td>3,468</td>
<td>3,558</td>
<td>3,650</td>
<td>3,690</td>
</tr>
<tr>
<td>Brazil</td>
<td>3,043</td>
<td>3,116</td>
<td>2,949</td>
<td>3,047</td>
<td>3,055</td>
<td>3,089</td>
</tr>
<tr>
<td>Vietnam</td>
<td>2,869</td>
<td>2,493</td>
<td>2,687</td>
<td>2,821</td>
<td>2,845</td>
<td>2,920</td>
</tr>
<tr>
<td>Japan</td>
<td>2,774</td>
<td>2,714</td>
<td>2,732</td>
<td>2,760</td>
<td>2,815</td>
<td>2,850</td>
</tr>
<tr>
<td>Mexico</td>
<td>2,116</td>
<td>2,159</td>
<td>2,052</td>
<td>2,320</td>
<td>2,480</td>
<td>2,530</td>
</tr>
<tr>
<td>Korea, South</td>
<td>1,883</td>
<td>1,806</td>
<td>1,282</td>
<td>1,460</td>
<td>1,499</td>
<td>1,449</td>
</tr>
<tr>
<td>Others</td>
<td>6,868</td>
<td>6,837</td>
<td>6,700</td>
<td>7,148</td>
<td>7,113</td>
<td>7,172</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>101,289</td>
<td>89,761</td>
<td>84,997</td>
<td>97,070</td>
<td>98,631</td>
<td>99,790</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td>9,747</td>
<td>10,066</td>
<td>10,034</td>
<td>9,918</td>
<td>10,046</td>
<td>10,234</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>111,036</td>
<td>99,827</td>
<td>95,031</td>
<td>106,988</td>
<td>108,677</td>
<td>110,024</td>
</tr>
</tbody>
</table>

**Note:** The notation of a month beneath a year conveys the month in which the forecast for that year was released.
### Pork Trade - Top Countries Summary

**1,000 Metric Tons (Carcass Weight Equivalent)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Oct</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Imports</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>China</td>
<td></td>
<td>1,457</td>
<td>2,451</td>
<td>5,281</td>
<td>4,330</td>
<td>1,800</td>
<td>1,700</td>
</tr>
<tr>
<td>Japan</td>
<td></td>
<td>1,480</td>
<td>1,493</td>
<td>1,412</td>
<td>1,420</td>
<td>1,525</td>
<td>1,500</td>
</tr>
<tr>
<td>Mexico</td>
<td></td>
<td>972</td>
<td>985</td>
<td>945</td>
<td>1,155</td>
<td>1,250</td>
<td>1,240</td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
<td>961</td>
<td>876</td>
<td>792</td>
<td>727</td>
<td>800</td>
<td>880</td>
</tr>
<tr>
<td>Korea, South</td>
<td></td>
<td>753</td>
<td>694</td>
<td>554</td>
<td>570</td>
<td>735</td>
<td>725</td>
</tr>
<tr>
<td>Philippines</td>
<td></td>
<td>283</td>
<td>222</td>
<td>168</td>
<td>461</td>
<td>550</td>
<td>450</td>
</tr>
<tr>
<td>Hong Kong</td>
<td></td>
<td>411</td>
<td>331</td>
<td>378</td>
<td>364</td>
<td>275</td>
<td>330</td>
</tr>
<tr>
<td>Australia</td>
<td></td>
<td>216</td>
<td>269</td>
<td>201</td>
<td>210</td>
<td>260</td>
<td>260</td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td>228</td>
<td>242</td>
<td>274</td>
<td>263</td>
<td>245</td>
<td>250</td>
</tr>
<tr>
<td>Vietnam</td>
<td></td>
<td>78</td>
<td>73</td>
<td>225</td>
<td>237</td>
<td>150</td>
<td>175</td>
</tr>
<tr>
<td>Others</td>
<td></td>
<td>1,226</td>
<td>1,247</td>
<td>1,056</td>
<td>1,278</td>
<td>1,338</td>
<td>1,352</td>
</tr>
<tr>
<td>Total Foreign</td>
<td></td>
<td>8,065</td>
<td>8,883</td>
<td>11,286</td>
<td>11,015</td>
<td>8,928</td>
<td>8,862</td>
</tr>
<tr>
<td>United States</td>
<td></td>
<td>473</td>
<td>429</td>
<td>410</td>
<td>535</td>
<td>670</td>
<td>683</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>8,538</td>
<td>9,312</td>
<td>11,696</td>
<td>11,550</td>
<td>9,598</td>
<td>9,545</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Exports</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>European Union</td>
<td></td>
<td>3,671</td>
<td>4,266</td>
<td>5,175</td>
<td>4,987</td>
<td>3,900</td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td>1,277</td>
<td>1,286</td>
<td>1,546</td>
<td>1,482</td>
<td>1,425</td>
</tr>
<tr>
<td>Brazil</td>
<td></td>
<td>722</td>
<td>861</td>
<td>1,178</td>
<td>1,321</td>
<td>1,300</td>
</tr>
<tr>
<td>Mexico</td>
<td></td>
<td>177</td>
<td>234</td>
<td>344</td>
<td>319</td>
<td>300</td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
<td>303</td>
<td>334</td>
<td>346</td>
<td>256</td>
<td>265</td>
</tr>
<tr>
<td>Chile</td>
<td></td>
<td>190</td>
<td>223</td>
<td>295</td>
<td>268</td>
<td>200</td>
</tr>
<tr>
<td>China</td>
<td></td>
<td>202</td>
<td>135</td>
<td>100</td>
<td>104</td>
<td>110</td>
</tr>
<tr>
<td>Russia</td>
<td></td>
<td>37</td>
<td>68</td>
<td>156</td>
<td>158</td>
<td>170</td>
</tr>
<tr>
<td>Australia</td>
<td></td>
<td>41</td>
<td>33</td>
<td>34</td>
<td>38</td>
<td>32</td>
</tr>
<tr>
<td>Singapore</td>
<td></td>
<td>2</td>
<td>2</td>
<td>8</td>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>Others</td>
<td></td>
<td>73</td>
<td>56</td>
<td>77</td>
<td>77</td>
<td>49</td>
</tr>
<tr>
<td>Total Foreign</td>
<td></td>
<td>6,695</td>
<td>7,498</td>
<td>9,259</td>
<td>9,025</td>
<td>7,771</td>
</tr>
<tr>
<td>United States</td>
<td></td>
<td>2,666</td>
<td>2,867</td>
<td>3,302</td>
<td>3,187</td>
<td>2,898</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>9,361</td>
<td>10,365</td>
<td>12,561</td>
<td>12,212</td>
<td>10,669</td>
</tr>
</tbody>
</table>

Note: The notation of a month beneath a year conveys the month in which the forecast for that year was released.
# Swine Stocks - Top Countries Summary

(in 1,000 head)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Beginning Stocks</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>China</td>
<td>441,589</td>
<td>428,070</td>
<td>310,410</td>
<td>406,500</td>
<td>449,220</td>
<td>457,000</td>
</tr>
<tr>
<td>European Union</td>
<td>145,544</td>
<td>143,519</td>
<td>143,146</td>
<td>145,843</td>
<td>141,656</td>
<td>140,200</td>
</tr>
<tr>
<td>Brazil</td>
<td>38,829</td>
<td>38,427</td>
<td>37,850</td>
<td>37,350</td>
<td>35,688</td>
<td>34,250</td>
</tr>
<tr>
<td>Russia</td>
<td>22,945</td>
<td>23,600</td>
<td>25,048</td>
<td>25,744</td>
<td>26,200</td>
<td>25,660</td>
</tr>
<tr>
<td>Canada</td>
<td>14,245</td>
<td>14,070</td>
<td>14,065</td>
<td>14,120</td>
<td>14,175</td>
<td>13,820</td>
</tr>
<tr>
<td>Mexico</td>
<td>10,410</td>
<td>10,700</td>
<td>11,050</td>
<td>11,500</td>
<td>11,775</td>
<td>12,250</td>
</tr>
<tr>
<td>Korea, South</td>
<td>11,273</td>
<td>11,333</td>
<td>11,280</td>
<td>11,078</td>
<td>11,217</td>
<td>11,040</td>
</tr>
<tr>
<td>Japan</td>
<td>9,280</td>
<td>9,156</td>
<td>9,090</td>
<td>9,290</td>
<td>8,949</td>
<td>8,945</td>
</tr>
<tr>
<td>Ukraine</td>
<td>6,236</td>
<td>6,150</td>
<td>5,842</td>
<td>5,986</td>
<td>5,718</td>
<td>5,000</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>4,713</td>
<td>4,648</td>
<td>4,741</td>
<td>4,828</td>
<td>5,150</td>
<td>4,650</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>705,064</td>
<td>689,673</td>
<td>572,522</td>
<td>672,239</td>
<td>709,748</td>
<td>712,815</td>
</tr>
<tr>
<td>United States</td>
<td>73,145</td>
<td>75,070</td>
<td>76,833</td>
<td>77,312</td>
<td>74,466</td>
<td>74,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>778,209</td>
<td>764,743</td>
<td>649,355</td>
<td>749,551</td>
<td>784,214</td>
<td>786,815</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Production (Pig Crop)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>China</td>
<td>687,500</td>
<td>440,000</td>
<td>565,000</td>
<td>655,000</td>
<td>662,000</td>
<td>675,000</td>
</tr>
<tr>
<td>European Union</td>
<td>256,050</td>
<td>253,325</td>
<td>256,100</td>
<td>254,190</td>
<td>250,000</td>
<td>248,000</td>
</tr>
<tr>
<td>Russia</td>
<td>49,500</td>
<td>52,910</td>
<td>55,880</td>
<td>57,300</td>
<td>58,000</td>
<td>58,000</td>
</tr>
<tr>
<td>Brazil</td>
<td>40,954</td>
<td>42,250</td>
<td>43,525</td>
<td>44,515</td>
<td>44,850</td>
<td>46,000</td>
</tr>
<tr>
<td>Canada</td>
<td>28,052</td>
<td>28,352</td>
<td>29,550</td>
<td>30,216</td>
<td>29,500</td>
<td>29,400</td>
</tr>
<tr>
<td>Mexico</td>
<td>18,650</td>
<td>19,650</td>
<td>20,291</td>
<td>20,810</td>
<td>21,700</td>
<td>22,400</td>
</tr>
<tr>
<td>Korea, South</td>
<td>19,118</td>
<td>19,889</td>
<td>19,973</td>
<td>20,473</td>
<td>20,190</td>
<td>20,090</td>
</tr>
<tr>
<td>Japan</td>
<td>16,690</td>
<td>16,770</td>
<td>17,230</td>
<td>17,000</td>
<td>16,800</td>
<td>16,900</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>10,950</td>
<td>11,175</td>
<td>11,250</td>
<td>11,575</td>
<td>9,900</td>
<td>9,800</td>
</tr>
<tr>
<td>Ukraine</td>
<td>8,813</td>
<td>8,565</td>
<td>8,569</td>
<td>8,550</td>
<td>7,500</td>
<td>6,700</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>1,136,277</td>
<td>892,886</td>
<td>1,027,368</td>
<td>1,119,629</td>
<td>1,120,440</td>
<td>1,132,290</td>
</tr>
<tr>
<td>United States</td>
<td>132,568</td>
<td>137,588</td>
<td>140,680</td>
<td>133,359</td>
<td>131,716</td>
<td>133,110</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1,268,845</td>
<td>1,030,474</td>
<td>1,168,048</td>
<td>1,252,988</td>
<td>1,252,156</td>
<td>1,265,400</td>
</tr>
</tbody>
</table>

Notes: The notation of a month beneath a year conveys the month in which the forecast for that year was released.
# Swine Trade - Top Countries Summary

## (in 1,000 head)

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Imports</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td>524</td>
<td>337</td>
<td>485</td>
<td>433</td>
<td>400</td>
<td>350</td>
</tr>
<tr>
<td>European Union</td>
<td>17</td>
<td>13</td>
<td>19</td>
<td>26</td>
<td>30</td>
<td>35</td>
</tr>
<tr>
<td>Mexico</td>
<td>33</td>
<td>37</td>
<td>25</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>China</td>
<td>8</td>
<td>1</td>
<td>29</td>
<td>23</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Russia</td>
<td>8</td>
<td>14</td>
<td>21</td>
<td>11</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Brazil</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Canada</td>
<td>3</td>
<td>6</td>
<td>6</td>
<td>4</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Japan</td>
<td>1</td>
<td>0</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Ukraine</td>
<td>30</td>
<td>22</td>
<td>11</td>
<td>7</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Korea, South</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>627</td>
<td>432</td>
<td>602</td>
<td>519</td>
<td>459</td>
<td>416</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td>5,250</td>
<td>5,096</td>
<td>5,293</td>
<td>6,663</td>
<td>6,644</td>
<td>6,660</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>5,877</td>
<td>5,528</td>
<td>5,895</td>
<td>7,182</td>
<td>7,103</td>
<td>7,076</td>
</tr>
</tbody>
</table>

## Total Exports

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>5,263</td>
<td>5,113</td>
<td>5,311</td>
<td>6,673</td>
<td>6,655</td>
<td>6,670</td>
</tr>
<tr>
<td>China</td>
<td>1,580</td>
<td>945</td>
<td>718</td>
<td>881</td>
<td>1,150</td>
<td>1,180</td>
</tr>
<tr>
<td>European Union</td>
<td>1,011</td>
<td>828</td>
<td>515</td>
<td>963</td>
<td>990</td>
<td>995</td>
</tr>
<tr>
<td>Russia</td>
<td>7</td>
<td>7</td>
<td>55</td>
<td>44</td>
<td>45</td>
<td>45</td>
</tr>
<tr>
<td>Ukraine</td>
<td>9</td>
<td>10</td>
<td>4</td>
<td>19</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Brazil</td>
<td>8</td>
<td>9</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Japan</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Korea, South</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Mexico</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>7,881</td>
<td>6,916</td>
<td>6,609</td>
<td>8,584</td>
<td>8,845</td>
<td>8,894</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td>64</td>
<td>60</td>
<td>56</td>
<td>52</td>
<td>44</td>
<td>48</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>7,945</td>
<td>6,976</td>
<td>6,665</td>
<td>8,636</td>
<td>8,889</td>
<td>8,942</td>
</tr>
</tbody>
</table>

**Notes:** The notation of a month beneath a year conveys the month in which the forecast for that year was released.
Global production is forecast 2 percent higher in 2023 to a record 102.7 million tons. All major producers except China will make gains with the most significant growth in Brazil. Relatively high feed and energy prices have squeezed profitability globally, but expansion is spurred by robust demand as consumers are expected to seek lower-cost animal proteins amid rising food costs. Brazilian growth is driven by both domestic and global demand as it solidifies its position as the world’s leading producer, surpassing China this year. China production will be stagnant as growth in white feather production will offset a decline in yellow feather production. Demand for affordable chicken products, particularly white feather broiler meat, is expected to grow in 2023 as Chinese consumers shift towards a more diverse protein diet. Thai production will grow 3 percent despite the anticipated slow recovery in domestic consumption and high production costs caused by supply disruptions to feed grains and day-old chicks. These factors will keep the growth rate below the pre-pandemic average. Russia and Mexico will also make gains amid strong domestic demand. EU production is forecast only marginally higher due to rising energy costs on the heels of highly pathogenic avian influenza (HPAI) outbreaks.

Global exports are forecast 4 percent higher in 2023 to a record 14.1 million tons, the most aggressive growth in trade since before COVID-19. Expansion is buoyed primarily by increased demand in China, the EU, and Saudi Arabia, and as production growth is limited for a number of competing exporting producers, Brazil is expected to capture most of the gains. Brazil’s price competitiveness, EU market access, and ability to supply halal product makes the world’s leading exporter well-positioned to fulfill rising global demand. Thailand shipments will reach a record 1.0 million tons on increased shipments to major markets, particularly benefiting from improved China and Saudi Arabia market access. Exports by the EU are stymied by weak production growth on repercussions from HPAI and high prices stemming from increased input costs, particularly energy.

U.S. production and exports: U.S. production is expected to rise nearly 2 percent to nearly 21.2 million tons in 2023 on a modest decline in feed prices and firm demand. Increased supplies will bolster exports which are forecast 3 percent higher to nearly 3.4 million tons.
## Chicken Meat Production - Top Countries Summary

### 1,000 Metric Tons (Ready to Cook Equivalent)

<table>
<thead>
<tr>
<th>Country</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brazil</td>
<td>13,355</td>
<td>13,690</td>
<td>13,880</td>
<td>14,500</td>
<td>14,400</td>
<td>14,850</td>
</tr>
<tr>
<td>China</td>
<td>11,700</td>
<td>13,800</td>
<td>14,600</td>
<td>14,700</td>
<td>14,300</td>
<td>14,300</td>
</tr>
<tr>
<td>European Union</td>
<td>10,618</td>
<td>10,836</td>
<td>11,030</td>
<td>10,860</td>
<td>10,920</td>
<td>10,970</td>
</tr>
<tr>
<td>Russia</td>
<td>4,684</td>
<td>4,668</td>
<td>4,680</td>
<td>4,600</td>
<td>4,750</td>
<td>4,850</td>
</tr>
<tr>
<td>Mexico</td>
<td>3,485</td>
<td>3,600</td>
<td>3,725</td>
<td>3,815</td>
<td>3,900</td>
<td>4,000</td>
</tr>
<tr>
<td>Thailand</td>
<td>3,170</td>
<td>3,300</td>
<td>3,250</td>
<td>3,220</td>
<td>3,270</td>
<td>3,360</td>
</tr>
<tr>
<td>Turkey</td>
<td>2,157</td>
<td>2,138</td>
<td>2,136</td>
<td>2,246</td>
<td>2,315</td>
<td>2,400</td>
</tr>
<tr>
<td>Argentina</td>
<td>2,068</td>
<td>2,171</td>
<td>2,215</td>
<td>2,290</td>
<td>2,335</td>
<td>2,380</td>
</tr>
<tr>
<td>Colombia</td>
<td>1,695</td>
<td>1,761</td>
<td>1,685</td>
<td>1,773</td>
<td>1,880</td>
<td>1,925</td>
</tr>
<tr>
<td>Peru</td>
<td>1,582</td>
<td>1,763</td>
<td>1,723</td>
<td>1,752</td>
<td>1,775</td>
<td>1,800</td>
</tr>
<tr>
<td>Others</td>
<td>18,785</td>
<td>19,641</td>
<td>20,078</td>
<td>20,363</td>
<td>20,241</td>
<td>20,738</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>73,299</td>
<td>77,368</td>
<td>79,002</td>
<td>80,119</td>
<td>80,086</td>
<td>81,573</td>
</tr>
<tr>
<td>United States</td>
<td>19,361</td>
<td>19,941</td>
<td>20,255</td>
<td>20,391</td>
<td>20,845</td>
<td>21,163</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>92,660</td>
<td>97,309</td>
<td>99,257</td>
<td>100,510</td>
<td>100,931</td>
<td>102,736</td>
</tr>
</tbody>
</table>

### Total Dom. Consumption

<table>
<thead>
<tr>
<th>Country</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>11,595</td>
<td>13,952</td>
<td>15,211</td>
<td>15,032</td>
<td>14,400</td>
<td>14,755</td>
</tr>
<tr>
<td>European Union</td>
<td>9,354</td>
<td>9,458</td>
<td>9,653</td>
<td>9,667</td>
<td>9,945</td>
<td>10,065</td>
</tr>
<tr>
<td>Brazil</td>
<td>9,588</td>
<td>9,756</td>
<td>10,010</td>
<td>10,280</td>
<td>9,780</td>
<td>10,055</td>
</tr>
<tr>
<td>Mexico</td>
<td>4,301</td>
<td>4,469</td>
<td>4,560</td>
<td>4,725</td>
<td>4,807</td>
<td>4,922</td>
</tr>
<tr>
<td>Russia</td>
<td>4,785</td>
<td>4,712</td>
<td>4,688</td>
<td>4,632</td>
<td>4,650</td>
<td>4,700</td>
</tr>
<tr>
<td>Japan</td>
<td>2,761</td>
<td>2,789</td>
<td>2,757</td>
<td>2,648</td>
<td>2,890</td>
<td>2,895</td>
</tr>
<tr>
<td>Thailand</td>
<td>2,255</td>
<td>2,389</td>
<td>2,299</td>
<td>2,280</td>
<td>2,306</td>
<td>2,381</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>2,154</td>
<td>2,142</td>
<td>2,068</td>
<td>2,173</td>
<td>2,365</td>
<td>2,300</td>
</tr>
<tr>
<td>Argentina</td>
<td>1,911</td>
<td>1,941</td>
<td>2,025</td>
<td>2,116</td>
<td>2,165</td>
<td>2,190</td>
</tr>
<tr>
<td>Colombia</td>
<td>1,781</td>
<td>1,871</td>
<td>1,779</td>
<td>1,869</td>
<td>1,950</td>
<td>2,015</td>
</tr>
<tr>
<td>Others</td>
<td>23,493</td>
<td>24,475</td>
<td>24,716</td>
<td>25,294</td>
<td>25,379</td>
<td>26,208</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>73,978</td>
<td>77,954</td>
<td>79,766</td>
<td>80,916</td>
<td>80,637</td>
<td>82,206</td>
</tr>
<tr>
<td>United States</td>
<td>16,185</td>
<td>16,702</td>
<td>16,994</td>
<td>17,164</td>
<td>17,613</td>
<td>17,900</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>90,163</td>
<td>94,656</td>
<td>96,760</td>
<td>98,080</td>
<td>98,250</td>
<td>100,106</td>
</tr>
</tbody>
</table>

Notes: Chicken paws are excluded. The notation of a month beneath a year conveys the month in which the forecast for that year was released.
## Chicken Meat Trade - Top Countries Summary

1,000 Metric Tons (Ready to Cook Equivalent)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Imports</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Japan</td>
<td>1,074</td>
<td>1,076</td>
<td>1,005</td>
<td>1,077</td>
<td>1,115</td>
<td>1,120</td>
</tr>
<tr>
<td>Mexico</td>
<td>820</td>
<td>875</td>
<td>842</td>
<td>917</td>
<td>915</td>
<td>930</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>774</td>
<td>792</td>
<td>732</td>
<td>689</td>
<td>915</td>
<td>875</td>
</tr>
<tr>
<td>European Union</td>
<td>740</td>
<td>770</td>
<td>660</td>
<td>645</td>
<td>775</td>
<td>815</td>
</tr>
<tr>
<td>China</td>
<td>342</td>
<td>580</td>
<td>999</td>
<td>789</td>
<td>650</td>
<td>750</td>
</tr>
<tr>
<td>Saudi Arabia</td>
<td>629</td>
<td>601</td>
<td>618</td>
<td>615</td>
<td>500</td>
<td>600</td>
</tr>
<tr>
<td>Iraq</td>
<td>529</td>
<td>494</td>
<td>468</td>
<td>388</td>
<td>475</td>
<td>500</td>
</tr>
<tr>
<td>Philippines</td>
<td>321</td>
<td>366</td>
<td>336</td>
<td>437</td>
<td>435</td>
<td>450</td>
</tr>
<tr>
<td>United Arab Emirates</td>
<td>321</td>
<td>341</td>
<td>270</td>
<td>388</td>
<td>416</td>
<td>418</td>
</tr>
<tr>
<td>South Africa</td>
<td>521</td>
<td>485</td>
<td>434</td>
<td>371</td>
<td>370</td>
<td>380</td>
</tr>
<tr>
<td>Others</td>
<td>3,830</td>
<td>4,023</td>
<td>4,158</td>
<td>4,446</td>
<td>4,359</td>
<td>4,571</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>9,901</td>
<td>10,403</td>
<td>10,522</td>
<td>10,762</td>
<td>10,925</td>
<td>11,409</td>
</tr>
<tr>
<td>United States</td>
<td>64</td>
<td>61</td>
<td>66</td>
<td>72</td>
<td>88</td>
<td>79</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>9,965</td>
<td>10,464</td>
<td>10,588</td>
<td>10,834</td>
<td>11,013</td>
<td>11,488</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Exports</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brazil</td>
<td>3,770</td>
<td>3,939</td>
<td>3,875</td>
<td>4,225</td>
<td>4,625</td>
<td>4,800</td>
</tr>
<tr>
<td>European Union</td>
<td>2,004</td>
<td>2,148</td>
<td>2,037</td>
<td>1,838</td>
<td>1,750</td>
<td>1,720</td>
</tr>
<tr>
<td>Thailand</td>
<td>925</td>
<td>961</td>
<td>941</td>
<td>907</td>
<td>965</td>
<td>1,000</td>
</tr>
<tr>
<td>Turkey</td>
<td>413</td>
<td>402</td>
<td>440</td>
<td>510</td>
<td>550</td>
<td>600</td>
</tr>
<tr>
<td>China</td>
<td>447</td>
<td>428</td>
<td>388</td>
<td>457</td>
<td>550</td>
<td>575</td>
</tr>
<tr>
<td>Ukraine</td>
<td>318</td>
<td>407</td>
<td>428</td>
<td>458</td>
<td>420</td>
<td>450</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>370</td>
<td>376</td>
<td>443</td>
<td>357</td>
<td>300</td>
<td>325</td>
</tr>
<tr>
<td>Russia</td>
<td>131</td>
<td>173</td>
<td>216</td>
<td>218</td>
<td>225</td>
<td>250</td>
</tr>
<tr>
<td>Argentina</td>
<td>168</td>
<td>235</td>
<td>196</td>
<td>183</td>
<td>190</td>
<td>200</td>
</tr>
<tr>
<td>Belarus</td>
<td>168</td>
<td>174</td>
<td>190</td>
<td>184</td>
<td>150</td>
<td>175</td>
</tr>
<tr>
<td>Others</td>
<td>524</td>
<td>598</td>
<td>586</td>
<td>595</td>
<td>638</td>
<td>683</td>
</tr>
<tr>
<td><strong>Total Foreign</strong></td>
<td>9,238</td>
<td>9,841</td>
<td>9,740</td>
<td>9,932</td>
<td>10,363</td>
<td>10,778</td>
</tr>
<tr>
<td>United States</td>
<td>3,244</td>
<td>3,259</td>
<td>3,376</td>
<td>3,356</td>
<td>3,267</td>
<td>3,356</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>12,482</td>
<td>13,100</td>
<td>13,116</td>
<td>13,288</td>
<td>13,630</td>
<td>14,134</td>
</tr>
</tbody>
</table>

Notes: Chicken paws are excluded. From 2019, Yemen is excluded. The notation of a month beneath a year conveys the month in which the forecast for that year was released.
Livestock and Poultry: World Markets and Trade circular is designed to give a snapshot of the current situation among the major players in world beef, pork, and chicken meat trade.

**Data Revisions in PSDs for Years Prior to 2021:**
Revisions are made based on new and/or additional information.

<table>
<thead>
<tr>
<th>Commodity/Attribute</th>
<th>Years</th>
<th>Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cattle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Production</td>
<td>2007-2020</td>
<td>Brazil</td>
</tr>
<tr>
<td>Trade</td>
<td>2019</td>
<td>European Union</td>
</tr>
<tr>
<td>Beef</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Production</td>
<td>2007-2020</td>
<td>Brazil</td>
</tr>
<tr>
<td>Trade</td>
<td>2012-2019</td>
<td>Canada, Russia, and South Africa</td>
</tr>
<tr>
<td>Swine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Production</td>
<td>2017-2020</td>
<td>Canada</td>
</tr>
<tr>
<td>Pork</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trade</td>
<td>2016-2019</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Chicken Meat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Production</td>
<td>2014-2019</td>
<td>Belarus, Canada, Ghana, Jordan, Malaysia, Peru, and United Kingdom</td>
</tr>
<tr>
<td>Trade</td>
<td>2019-2020</td>
<td>Oman, United Kingdom, and Vietnam</td>
</tr>
</tbody>
</table>

**Assumptions**

**Diseases:** Forecast reflects animal disease policies/restrictions in place as of October 12, 2022 and assumes their continuation.

**Trade Actions:** This report only considers those trade actions which are in place or have had formal announcement of effective dates as of the time of publication. Further, unless a formal end date is specified, this report also assumes such actions are in place throughout the time period covered by these forecasts.

**Technical Notes**

**CWE/PWE:** All quantities (beef and pork) noted are in Carcass Weight Equivalent (CWE) unless otherwise noted as Product Weight Equivalent (PWE). CWE is the weight of an animal after slaughter and removal of most internal organs, head, and skin. PWE is the actual weight of the meat product exported.

**RTC (Ready-to-Cook):** RTC means any slaughtered poultry free from protruding pinfeathers and vestigial feathers (hair or down), from which the head, feet, crop, oil gland, trachea, esophagus, entrails, and lungs have been removed, and from which the mature reproductive organs and kidneys may have been removed, and with or without the giblets, and which is suitable for cooking without need of further processing. Ready-to-cook poultry also means any cut-up or disjointed portion of poultry or other parts of poultry, such as reproductive organs, head, or feet that are suitable for cooking without need of further processing.

**European Union:** The term “European Union” means the countries involved in the previous customs union, i.e., EU27+UK, through 2015. Starting with 2016 data, livestock and poultry PSDs reflect EU27 and UK separately.
Conversion Rates and HS Codes

<table>
<thead>
<tr>
<th>HS Code</th>
<th>Description</th>
<th>Conversion Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>020110</td>
<td>Bovine carcasses and half carcasses, fresh or chilled</td>
<td>1.00</td>
</tr>
<tr>
<td>020120</td>
<td>Bovine cuts bone in, fresh or chilled</td>
<td>1.00</td>
</tr>
<tr>
<td>020130</td>
<td>Bovine cuts boneless, fresh or chilled</td>
<td>1.36</td>
</tr>
<tr>
<td>020210</td>
<td>Bovine carcasses and half carcasses, frozen</td>
<td>1.00</td>
</tr>
<tr>
<td>020220</td>
<td>Bovine cuts bone in, frozen</td>
<td>1.00</td>
</tr>
<tr>
<td>020230</td>
<td>Bovine cuts boneless, frozen</td>
<td>1.36</td>
</tr>
<tr>
<td>021020</td>
<td>Bovine meat salted, dried or smoked</td>
<td>1.74</td>
</tr>
<tr>
<td>160250</td>
<td>Bovine meat, offal nes, not livers, prepared/preserve</td>
<td>1.79</td>
</tr>
</tbody>
</table>

Notes: Beef and veal estimates include meat of other bovines for certain countries. In particular, India estimates include caraboeef (water buffalo). Exports of HS 160250 are partially excluded from Argentina export estimates.

<table>
<thead>
<tr>
<th>HS Code</th>
<th>Description</th>
<th>Conversion Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>020311</td>
<td>Carcasses/half-carcasses, fr/ch</td>
<td>1.00</td>
</tr>
<tr>
<td>020312</td>
<td>Bone-In hams, shoulders and cuts thereof, fr/ch</td>
<td>1.11</td>
</tr>
<tr>
<td>020319</td>
<td>Other pork cuts, fr/ch</td>
<td>1.30</td>
</tr>
<tr>
<td>020321</td>
<td>Carcasses/half-carcasses, frozen</td>
<td>1.00</td>
</tr>
<tr>
<td>020322</td>
<td>Bone-In hams, shoulders and cuts thereof, frozen</td>
<td>1.11</td>
</tr>
<tr>
<td>020329</td>
<td>Other pork cuts, frozen</td>
<td>1.30</td>
</tr>
<tr>
<td>021011</td>
<td>Bone-In hams, shoulders and cuts thereof, processed</td>
<td>1.30</td>
</tr>
<tr>
<td>021012</td>
<td>Bellies (streaky) and cuts thereof, processed</td>
<td>1.16</td>
</tr>
<tr>
<td>021019</td>
<td>Other meat of swine, processed</td>
<td>1.16</td>
</tr>
<tr>
<td>160241</td>
<td>Hams and cuts thereof, prep/pres</td>
<td>1.30</td>
</tr>
<tr>
<td>160242</td>
<td>Shoulders and cuts thereof, prep/pres</td>
<td>1.30</td>
</tr>
<tr>
<td>160249</td>
<td>Other meat of swine including mixtures, prep/pres</td>
<td>1.30</td>
</tr>
</tbody>
</table>

Chicken Meat Trade Codes: Fresh/Chilled (HS 020711 and HS 020713), Frozen (HS 020712 and HS 020714) and Processed (HS 160232). In general, chicken paws are excluded. Trade of “salted poultry” (HS 021099) is included in EU and UK imports as well as the exports of selected countries.

PSD Online
The entire USDA PSD database is available online at: http://www.fas.usda.gov/psdonline.

Additional Resources
- Situation and outlook information on U.S. livestock and poultry can be obtained from the USDA-Economic Research Service at: https://www.ers.usda.gov/topics/animal-products/.
Future Releases and Contact Information
Please visit http://www.fas.usda.gov/data/livestock-and-poultry-world-markets-and-trade to view archived and future releases. Livestock and Poultry estimates are published four times per year (January, April, July, October) for selected countries. However, all countries will be updated in April and October. The next release of this circular is January 12, 2023.

<table>
<thead>
<tr>
<th>Country/Commodities for January and July Releases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Countries</td>
</tr>
<tr>
<td>Beef</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td>Angola</td>
</tr>
<tr>
<td>Argentina</td>
</tr>
<tr>
<td>Australia</td>
</tr>
<tr>
<td>Brazil</td>
</tr>
<tr>
<td>Canada</td>
</tr>
<tr>
<td>China</td>
</tr>
<tr>
<td>Cuba</td>
</tr>
<tr>
<td>EU</td>
</tr>
<tr>
<td>Hong Kong</td>
</tr>
<tr>
<td>Iraq</td>
</tr>
<tr>
<td>Japan</td>
</tr>
<tr>
<td>Mexico</td>
</tr>
<tr>
<td>New Zealand</td>
</tr>
<tr>
<td>Philippines</td>
</tr>
<tr>
<td>Saudi Arabia</td>
</tr>
<tr>
<td>South Africa</td>
</tr>
<tr>
<td>South Korea</td>
</tr>
<tr>
<td>Thailand</td>
</tr>
<tr>
<td>United Kingdom</td>
</tr>
<tr>
<td>United States</td>
</tr>
</tbody>
</table>

Questions may be directed to the following staff:

- Jack Brower | (202) 869-9036 | John.Brower2@usda.gov | Cattle and Beef
- Tani Lee | (202) 720-9180 | Tani.Lee@usda.gov | Swine and Pork
- Claire Mezoughem | (202) 720-7715 | Claire.Mezoughem@usda.gov | Chicken Meat