Tennessee's Exports to China

Tennessee's goods and services exports to China supported 19,480 American jobs in 2021.

Growth (2021-2022): 12%

**Goods**
($ billion)

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Growth (2020-2021): 8%

**Services**
($ million)

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<td>$701</td>
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**Top Goods Export Markets, 2022**

1. Canada | $8.6 billion
2. Mexico | $4.8 billion
3. China | $3.6 billion
4. Germany | $3.0 billion
5. Japan | $2.2 billion

**Top Goods Exports to China, 2022**

1. Medical equipment & supplies | $702 million
2. Navigational & meas. instruments | $556 million
3. Medical equipment & supplies | $566 million
4. Oilseeds & grains | $564 million
5. Basic chemicals | $557 million

9% of Tennessee's global goods exports went to China in 2022

**Top Services Export Markets, 2021**

1. Ireland | $785 million
2. United Kingdom | $658 million
3. Switzerland | $550 million
4. Canada | $547 million
5. China | $405 million

**Top Services Exports to China, 2021**

1. Education | $86 million
2. Royalties from industrial processes | $49 million
3. Miscellaneous business, prof. & tech. services | $41 million
4. Trademark royalties | $34 million
5. Misc. freight & port services | $28 million

5% of Tennessee's global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021.
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Tennessee's 1st District Exports to China

Tennessee's 1st District goods and services exports to China supported 2,340 American jobs in 2021.

**Goods**
($ million)

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<td>$468</td>
<td>$371</td>
<td>$461</td>
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<td>$682</td>
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Growth (2021-2022): 24%

**Services**
($ million)

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Growth (2020-2021): 1%

**Top Goods Export Markets, 2022**
1. Canada $1.1 billion
2. Mexico $750 million
3. China $682 million
4. Germany $525 million
5. Japan $245 million

**Top Goods Exports to China, 2022**
1. Resins & synthetic fibers $527 million
2. Basic chemicals $98 million
3. Pharmaceuticals & medicines $79 million
4. Misc. crops $55 million
5. Medical equipment & supplies $25 million

12% of TN-1 global goods exports went to China in 2022

**Top Services Export Markets, 2021**
1. Mexico $58 million
2. Switzerland $57 million
3. Ireland $56 million
4. China $56 million
5. United Kingdom $36 million

**Top Services Exports to China, 2021**
1. Royalties from industrial processes $11 million
2. Education $5.6 million
3. Misc. personal & recreational services $4.5 million
4. Misc. business, prof. & tech. services $5.4 million
5. Trademark royalties $5.2 million

6% of TN-1 global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Tennessee's 2\textsuperscript{nd} District Exports to China

\textit{Tennessee's 2\textsuperscript{nd} District goods and services exports to China supported 2,000 American jobs in 2021.}

\begin{itemize}
  \item \textbf{Goods} ($\text{million}$)
  \begin{itemize}
    \item 2012: $158$
    \item 2013: $148$
    \item 2014: $171$
    \item 2015: $183$
    \item 2016: $198$
    \item 2017: $234$
    \item 2018: $202$
    \item 2019: $290$
    \item 2020: $374$
    \item 2021: $386$
  \end{itemize}

  \textbf{Growth (2021-2022): 5\%}

  \begin{itemize}
    \item 2021: $3\%$
    \item 2020: $8\%$
  \end{itemize}

  \textbf{Top Goods Export Markets, 2022}
  \begin{itemize}
    \item 1. Canada: $564$ million
    \item 2. Germany: $528$ million
    \item 3. Mexico: $441$ million
    \item 4. Hong Kong: $456$ million
    \item 5. China: $586$ million
  \end{itemize}

  \textbf{Top Goods Exports to China, 2022}
  \begin{itemize}
    \item 1. Navigational & meas. instruments: $194$ million
    \item 2. Medical equipment & supplies: $65$ million
    \item 3. Aerospace products & parts: $30$ million
    \item 4. Misc. crops: $27$ million
    \item 5. Oilseeds & grains: $9.9$ million
  \end{itemize}

\end{itemize}

\begin{itemize}
  \item \textbf{Services} ($\text{million}$)
  \begin{itemize}
    \item 2012: $44$
    \item 2013: $54$
    \item 2014: $64$
    \item 2015: $74$
    \item 2016: $83$
    \item 2017: $80$
    \item 2018: $85$
    \item 2019: $81$
    \item 2020: $42$
    \item 2021: $46$
  \end{itemize}

  \textbf{Growth (2020-2021): 8\%}

  \begin{itemize}
    \item 2021: $8\%$
    \item 2020: $5\%$
  \end{itemize}

  \textbf{Top Services Export Markets, 2021}
  \begin{itemize}
    \item 1. Ireland: $100$ million
    \item 2. Switzerland: $67$ million
    \item 3. United Kingdom: $65$ million
    \item 4. Canada: $56$ million
    \item 5. China: $46$ million
  \end{itemize}

  \textbf{Top Services Exports to China, 2021}
  \begin{itemize}
    \item 1. Education: $15$ million
    \item 2. Royalties from industrial processes: $5.6$ million
    \item 3. Misc. business, prof. & tech. services: $4.7$ million
    \item 4. Business mgmt. & consulting: $5.9$ million
    \item 5. Trademark royalties: $5.8$ million
  \end{itemize}

\begin{itemize}
  \item \textit{8\% of TN-2 global goods exports went to China in 2022}
  \item \textit{5\% of TN-2 global services exports went to China in 2021}
\end{itemize}

\textbf{Source: Estimated by Trade Partnership Worldwide (Washington, DC)}

Note: Full-year services export data are available only through year-end 2021
Tennessee's 3rd District Exports to China

Tennessee's 3rd District goods and services exports to China supported 2,090 American jobs in 2021.

**Goods ($ million)**

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Growth (2021-2022): 15%

**Services ($ million)**

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</table>

Growth (2020-2021): 7%

**Top Goods Export Markets, 2022**

1. Canada $1.6 billion
2. Mexico $735 million
3. China $461 million
4. Japan $377 million
5. Germany $347 million

**Top Goods Exports to China, 2022**

1. Medical equipment & supplies $98 million
2. Pharmaceuticals & medicines $85 million
3. Navigational & meas. instruments $79 million
4. Basic chemicals $59 million
5. Misc. crops $25 million

7% of TN-3 global goods exports went to China in 2022

**Top Services Export Markets, 2021**

1. United Kingdom $64 million
2. Ireland $64 million
3. Switzerland $52 million
4. Canada $49 million
5. China $34 million

**Top Services Exports to China, 2021**

1. Royalties from industrial processes $6.4 million
2. Misc. business, prof. & tech. services $4.5 million
3. Trademark royalties $4.1 million
4. Education $3.6 million
5. Equip. installation & maintenance $5.5 million

5% of TN-3 global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Tennessee's 4th District
Exports to China

*Tennessee's 4th District goods and services exports to China supported 1,940 American jobs in 2021.*

Growth (2021-2022): 21%

**Top Goods Export Markets, 2022**
1. Canada $1.5 billion
2. Mexico $628 million
3. China $542 million
4. Germany $242 million
5. Japan $186 million

**Top Goods Exports to China, 2022**
1. Misc. crops $70 million
2. Oilseeds & grains $66 million
3. Navigational & meas. instruments $55 million
4. Pharmaceuticals & medicines $55 million
5. Medical equipment & supplies $20 million

8% of TN-4 global goods exports went to China in 2022

Growth (2020-2021): 9%

**Top Services Export Markets, 2021**
1. United Kingdom $58 million
2. Switzerland $54 million
3. China $52 million
4. Canada $29 million
5. Mexico $28 million

**Top Services Exports to China, 2021**
1. Education $8.5 million
2. Royalties from industrial processes $6.4 million
3. Misc. business, prof. & tech. services $5.5 million
4. Audio/visual services $5.0 million
5. Trademark royalties $2.8 million

8% of TN-4 global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Tennessee's 5th District Exports to China

Tennessee's 5th District goods and services exports to China supported 1,670 American jobs in 2021.

**Goods**

($ million)

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<tr>
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<td>$321</td>
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Growth (2021-2022): 10%

**Services**

($ million)

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<tr>
<td>2020</td>
<td>$38</td>
</tr>
<tr>
<td>2021</td>
<td>$46</td>
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</tbody>
</table>

Growth (2020-2021): 19%

**Top Goods Export Markets, 2022**

1. Canada $1.1 billion  
2. Germany $408 million  
5. Mexico $576 million  
4. China $521 million  
5. Japan $153 million

**Top Goods Exports to China, 2022**

1. Navigational & meas. instruments $125 million  
2. Computer equipment $79 million  
5. Pharmaceuticals & medicines $23 million  
4. Misc. crops $22 million  
5. Medical equipment & supplies $15 million

8% of TN-5 global goods exports went to China in 2022

**Top Services Export Markets, 2021**

1. Ireland $188 million  
2. United Kingdom $149 million  
5. Canada $104 million  
4. Switzerland $105 million  
10. China $46 million

**Top Services Exports to China, 2021**

1. Business mgmt. & consulting $8.1 million  
2. Misc. business, prof. & tech. services $5.5 million  
3. Trademark royalties $5.4 million  
4. Equip. installation & maintenance $5.4 million  
5. Misc. personal & recreational $5.2 million

3% of TN-5 global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021  
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Tennessee's 6th District
Exports to China

*Tennessee's 6th District goods and services exports to China supported 1,470 American jobs in 2021.*

**Goods ($ million)**

- 2012: $180
- 2013: $179
- 2014: $175
- 2015: $176
- 2016: $211
- 2017: $192
- 2018: $208
- 2019: $179
- 2020: $219

**Services ($ million)**

- 2012: $37
- 2013: $44
- 2014: $54
- 2015: $69
- 2016: $79
- 2017: $80
- 2018: $82
- 2019: $79
- 2020: $36
- 2021: $39

**Growth (2021-2022): 22%**

**Top Goods Export Markets, 2022**

1. Canada $759 million
2. Mexico $401 million
3. China $219 million
4. Germany $165 million
5. Hong Kong $149 million

**Top Goods Exports to China, 2022**

1. Misc. crops $70 million
2. Oilseeds & grains $50 million
3. Computer equipment $24 million
4. Medical equipment & supplies $15 million
5. Navigational & meas. instruments $14 million

8% of TN-6 global goods exports went to China in 2022

**Top Services Export Markets, 2021**

1. Ireland $90 million
2. United Kingdom $84 million
3. Canada $68 million
4. Mexico $65 million
5. China $39 million

**Top Services Exports to China, 2021**

1. Misc. freight & port services $6.2 million
2. Misc. business, prof. & tech. services $5.8 million
3. Business mgmt. & consulting $5.7 million
4. Education $5.5 million
5. Trademark royalties $5.2 million

4% of TN-6 global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Tennessee's 7th District
Exports to China

*Tennessee's 7th District goods and services exports to China supported 1,990 American jobs in 2021.*

**Goods ($ million)**

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Growth (2021-2022): 15%

**Top Goods Export Markets, 2022**

1. Canada $837 million
2. Germany $474 million
5. Mexico $367 million
4. China $278 million
5. Japan $150 million

**Top Goods Exports to China, 2022**

1. Navigational & meas. instruments $51 million
2. Basic chemicals $49 million
3. Misc. crops $42 million
4. Oilseeds & grains $41 million
5. Medical equipment & supplies $15 million

Growth (2020-2021): 17%

**Services ($ million)**

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**Top Services Export Markets, 2021**

1. United Kingdom $122 million
2. Ireland $102 million
5. Canada $94 million
4. China $76 million
5. Mexico $72 million

**Top Services Exports to China, 2021**

1. Education $39 million
2. Misc. business, prof. & tech. services $4.2 million
3. Trademark royalties $4.1 million
4. Business mgmt. & consulting $4.0 million
5. Books/music distribution royalties $5.4 million

9% of TN-7 global goods exports went to China in 2022

6% of TN-7 global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Tennessee's 8th District
Exports to China

Tennessee's 8th District goods and services exports to China supported 3,310 American jobs in 2021.

**Goods ($ million)**

- 2012: $361
- 2013: $399
- 2014: $360
- 2015: $376
- 2016: $375
- 2017: $289
- 2018: $287
- 2019: $413
- 2020: $466
- 2021: $511

Growth (2021-2022): 10%

**Services ($ million)**

- 2012: $25
- 2013: $30
- 2014: $35
- 2015: $41
- 2016: $46
- 2017: $45
- 2018: $44
- 2019: $42
- 2020: $22
- 2021: $24

Growth (2020-2021): 11%

**Top Goods Export Markets, 2022**

1. Canada $877 million
2. Mexico $672 million
3. China $511 million
4. Germany $557 million
5. Japan $292 million

**Top Goods Exports to China, 2022**

1. Oilseeds & grains $180 million
2. Medical equipment & supplies $151 million
3. Misc. crops $36 million
4. Basic chemicals $55 million
5. Pharmaceuticals & medicines $15 million

11% of TN-8 global goods exports went to China in 2022

**Top Services Export Markets, 2021**

1. Ireland $58 million
2. Switzerland $44 million
3. China $40 million
4. United Kingdom $52 million
5. Mexico $24 million

**Top Services Exports to China, 2021**

1. Royalties from industrial processes $4.8 million
2. Misc. business, prof. & tech. services $5.8 million
3. Trademark royalties $5.8 million
4. Education $2.1 million
5. Equip. installation & maintenance $2.0 million

5% of TN-8 global services exports went to China in 2021

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Note: Full-year services export data are available only through year-end 2021
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Tennessee's 9th District Exports to China

Tennessee's 9th District goods and services exports to China supported 2,680 American jobs in 2021.

### Goods ($ million)

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<tr>
<td>2020</td>
<td>$455</td>
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<tr>
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<td>$445</td>
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Change (2021-2022): -2%

### Services ($ million)

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<tr>
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<td>$75</td>
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<tr>
<td>2021</td>
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Change (2020-2021): -4%

### Top Goods Export Markets, 2022

1. Canada $453 million
2. Mexico $451 million
3. China $445 million
4. Japan $552 million
5. Netherlands $540 million

### Top Goods Exports to China, 2022

1. Medical equipment & supplies $305 million
2. Basic chemicals $87 million
3. Navigational & meas. instruments $9.0 million
4. Engines & turbines $6.8 million
5. Semiconductors & components $6.4 million

12% of TN-9 global goods exports went to China in 2022

### Top Services Export Markets, 2021

1. Ireland $97 million
2. Canada $82 million
3. China $72 million
4. Switzerland $71 million
5. United Kingdom $61 million

### Top Services Exports to China, 2021

1. Misc. freight & port services $21 million
2. Education $9.4 million
3. Royalties from industrial processes $7.9 million
4. Misc. business, prof. & tech. services $7.5 million
5. Air freight & port services $6.9 million

8% of TN-9 global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021.
Source: Estimated by Trade Partnership Worldwide (Washington, DC)