Pennsylvania's Exports to China

Pennsylvania's goods and services exports to China supported 27,260 American jobs in 2021.

Change (2021-2022): -11%

Growth (2020-2021): 4%

Top Goods Export Markets, 2022
1. Canada $15.6 billion
2. Mexico $5.5 billion
3. Netherlands $5.2 billion
4. China $3.0 billion
5. Germany $2.5 billion

Top Goods Exports to China, 2022
1. Nonferrous metal products $551 million
2. Navigational & meas. instruments $164 million
3. Oilseeds & grains $159 million
4. Pharmaceuticals & medicines $157 million
5. Sawmill & wood products $155 million

Top Services Export Markets, 2021
1. U.K. Caribbean $5.5 billion
2. United Kingdom $1.9 billion
3. Ireland $1.6 billion
4. Canada $1.5 billion
5. China $1.2 billion

Top Services Exports to China, 2021
1. Education $564 million
2. Royalties from industrial processes $99 million
3. Misc. personal & recreational $76 million
4. Trademark royalties $74 million
5. Misc. business, prof. & tech. services $55 million

6% of Pennsylvania's global goods exports went to China in 2022

5% of Pennsylvania'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)
Pennsylvania's 1st District
Exports to China

Pennsylvania's 1st District goods and services exports to China supported 1,390 American jobs in 2021.

Growth (2021-2022): 5%

Top Goods Export Markets, 2022
1. Canada $1.0 billion
2. Mexico $442 million
5. Netherlands $272 million
4. China $242 million
5. Germany $219 million

Top Goods Exports to China, 2022
1. Soaps, cleaning agents & toiletries $48 million
2. Computer equipment $29 million
5. Basic chemicals $22 million
4. Pharmaceuticals & medicines $21 million
5. Navigational & meas. instruments $19 million

Growth (2020-2021): 6%

Top Services Export Markets, 2021
1. Ireland $155 million
2. Switzerland $115 million
5. Canada $100 million
4. United Kingdom $89 million
8. China $50 million

Top Services Exports to China, 2021
1. Royalties from industrial processes $16 million
2. Misc. personal & recreational $6.5 million
3. Misc. business, prof. & tech. services $4.4 million
4. Trademark royalties $4.5 million
5. Equip. installation & maintenance $5.1 million

6% of PA-1 global goods exports went to China in 2022
4% of PA-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)
Pennsylvania's 2nd District Exports to China

Pennsylvania's 2nd District goods and services exports to China supported 590 American jobs in 2021.

**Change (2021-2022): -1%**

**Top Goods Export Markets, 2022**
1. Canada $57 million
2. Mexico $16 million
3. Netherlands $15 million
4. Germany $9.5 million
5. China $7.4 million
6. [Other countries' data]

**Top Goods Exports to China, 2022**
1. Scrap products $2.1 million
2. Meat products $2.0 million
3. Pharmaceuticals & medicines $1.2 million
4. Motor vehicle parts $440,000
5. Medical equipment & supplies $195,000

**Services**

**Services**

**Top Services Export Markets, 2021**
1. U.K. Caribbean $210 million
2. United Kingdom $187 million
3. Canada $111 million
4. Germany $98 million
5. China $64 million
6. [Other countries' data]

**Top Services Exports to China, 2021**
1. Education $28 million
2. Legal services $7.4 million
3. Misc. personal & recreational $4.8 million
4. Trademark royalties $4.1 million
5. Financial mgmt. & advisory services $2.2 million

4% of PA-2 global goods exports went to China in 2022

4% of PA-2 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)
Pennsylvania's 3rd District Exports to China

Pennsylvania's 3rd District goods and services exports to China supported 2,020 American jobs in 2021.

**Goods** ($ million)

- 2012: $9.4 million
- 2013: $7.9 million
- 2014: $7.0 million
- 2015: $7.4 million
- 2016: $7.4 million
- 2017: $5.0 million
- 2018: $3.7 million
- 2019: $3.9 million
- 2020: $5.0 million
- 2021: $5.0 million

Change (2021-2022): 0%

**Services** ($ million)

- 2012: $116 million
- 2013: $146 million
- 2014: $175 million
- 2015: $197 million
- 2016: $234 million
- 2017: $242 million
- 2018: $254 million
- 2019: $254 million
- 2020: $175 million
- 2021: $191 million

Growth (2020-2021): 9%

**Top Goods Export Markets, 2022**

1. Canada: $36 million
2. Mexico: $12 million
3. Netherlands: $5.7 million
4. United Kingdom: $5.6 million
5. China: $5.0 million

**Top Goods Exports to China, 2022**

1. Meat products: $1.7 million
2. Scrap products: $1.5 million
3. Pharmaceuticals & medicines: $452,000
4. Resins & synthetic fibers: $511,000
5. Basic chemicals: $260,000

4% of PA-3 global goods exports went to China in 2022

**Top Services Export Markets, 2021**

1. U.K. Caribbean: $307 million
2. China: $191 million
3. Netherlands: $165 million
4. United Kingdom: $155 million
5. Canada: $109 million

**Top Services Exports to China, 2021**

1. Education: $155 million
2. Legal services: $9.6 million
3. Trademark royalties: $4.6 million
4. Financial mgmt. & advisory services: $5.2 million
5. Misc. personal & recreational: $5.1 million

10% of PA-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)
Pennsylvania's 4th District
Exports to China

Pennsylvania's 4th District goods and services exports to China supported 1,540 American jobs in 2021.

**Goods ($ million)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Goods</th>
<th>Services</th>
</tr>
</thead>
<tbody>
<tr>
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<td>$75</td>
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<tr>
<td>2021</td>
<td>$261</td>
<td>$75</td>
</tr>
</tbody>
</table>

Growth (2021-2022): 5%

**Top Goods Export Markets, 2022**

1. Canada $1.1 billion
2. Netherlands $655 million
3. Mexico $521 million
4. United Kingdom $316 million
5. China $261 million
6. United States $286 million

**Top Goods Exports to China, 2022**

1. Pharmaceuticals & medicines $70 million
2. Nonferrous metal products $46 million
3. Computer equipment $28 million
4. Navigational & meas. instruments $20 million
5. Meat products $15 million

5% of PA-4 global goods exports went to China in 2022

**Services ($ million)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Goods</th>
<th>Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>$142</td>
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<td>$75</td>
</tr>
<tr>
<td>2021</td>
<td>$261</td>
<td>$75</td>
</tr>
</tbody>
</table>

Growth (2020-2021): 1%

**Top Services Export Markets, 2021**

1. U.K. Caribbean $554 million
2. Ireland $528 million
3. Netherlands $251 million
4. Switzerland $197 million
5. China $75 million

**Top Services Exports to China, 2021**

1. Royalties from industrial processes $19 million
2. Trademark royalties $6.7 million
3. Misc. business, prof. & tech. services $6.6 million
4. Computer software services $5.7 million
5. Financial mgmt. & advisory services $5.6 million

3% of PA-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)
Pennsylvania's 5th District
Exports to China

Pennsylvania's 5th District goods and services exports to China supported 780 American jobs in 2021.

**Goods** ($ million)

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
</tr>
</thead>
<tbody>
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<td>2020</td>
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</tr>
<tr>
<td>2021</td>
<td>$65</td>
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</table>

Change (2021-2022): -9%

**Services** ($ million)

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
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<tbody>
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<tr>
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<tr>
<td>2020</td>
<td>$56</td>
</tr>
<tr>
<td>2021</td>
<td>$61</td>
</tr>
</tbody>
</table>

Growth (2020-2021): 9%

**Top Goods Export Markets, 2022**

1. Canada $599 million
2. Mexico $195 million
5. Netherlands $181 million
4. Singapore $105 million
10. China $65 million

**Top Goods Exports to China, 2022**

1. Pharmaceuticals & medicines $16 million
2. Basic chemicals $11 million
5. Resins & synthetic fibers $6.5 million
4. Aerospace products & parts $5.1 million
5. Navigational & meas. instruments $5.7 million

3% of PA-5 global goods exports went to China in 2022

**Top Services Export Markets, 2021**

1. U.K. Caribbean $326 million
2. United Kingdom $206 million
5. Ireland $111 million
4. Switzerland $61 million
8. China

**Top Services Exports to China, 2021**

1. Education $22 million
2. Royalties from industrial processes $5.7 million
5. Miscellaneous business, prof. & tech. services $5.9 million

3% of PA-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)
Pennsylvania's 6th District Exports to China

Pennsylvania's 6th District goods and services exports to China supported 1,720 American jobs in 2021.

Change (2021-2022): -6%

Growth (2020-2021): 16%

**Top Goods Export Markets, 2022**
1. Canada $1.2 billion
2. Mexico $443 million
3. China $207 million
4. Germany $202 million
5. Netherlands $181 million

**Top Goods Exports to China, 2022**
1. Nonferrous metal products $81 million
2. Electrical equipment & components $37 million
3. Computer equipment $29 million
4. Resins & synthetic fibers $14 million
5. Medical equipment & supplies $12 million

**Top Services Export Markets, 2021**
1. U.K. Caribbean $1.4 billion
2. United Kingdom $270 million
3. Ireland $261 million
4. Canada $188 million
5. China $65 million

**Top Services Exports to China, 2021**
1. Financial mgmt. & advisory services $16 million
2. Royalties from industrial processes $8.2 million
3. Misc. personal & recreational $5.8 million
4. Trademark royalties $5.5 million
5. Education $5.5 million

7% of PA-6 global goods exports went to China in 2022

2% of PA-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)
Pennsylvania's 7th District Exports to China

Pennsylvania's 7th District goods and services exports to China supported 1,510 American jobs in 2021.

Change (2021-2022): -5%

Growth (2020-2021): 6%

Top Goods Export Markets, 2022
1. Canada $777 million
2. Mexico $478 million
3. China $197 million
4. Germany $161 million
5. United Kingdom $157 million

Top Services Export Markets, 2021
1. Ireland $60 million
2. Switzerland $57 million
3. China $57 million
4. Canada $48 million
5. United Kingdom $46 million

Top Goods Exports to China, 2022
1. Nonferrous metal products $40 million
2. Basic chemicals $25 million
3. Electrical equipment $21 million
4. Misc. manufactured commodities $15 million
5. Medical equipment & supplies $11 million

6% of PA-7 global goods exports went to China in 2022

Top Services Exports to China, 2021
1. Education $25 million
2. Royalties from industrial processes $8.9 million
3. Misc. personal & recreational services $6.5 million
4. Misc. business, prof. & tech. services $4.6 million
5. Trademark royalties $4.2 million

9% of PA-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)
Pennsylvania's 8th District Exports to China

Pennsylvania's 8th District goods and services exports to China supported 800 American jobs in 2021.

Goods
($ million)

<table>
<thead>
<tr>
<th>Year</th>
<th>Goods</th>
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<tbody>
<tr>
<td>2012</td>
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<tr>
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Services
($ million)

<table>
<thead>
<tr>
<th>Year</th>
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<tr>
<td>2021</td>
<td>$30</td>
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</table>

Change (2021-2022): -5%

Growth (2020-2021): 5%

Top Goods Export Markets, 2022

1. Canada $658 million
2. Mexico $255 million
3. Mexico $198 million
4. China $120 million
5. Germany $115 million

Top Goods Exports to China, 2022

1. Soaps, cleaning agents & toiletries $22 million
2. Pharmaceuticals & medicines $15 million
3. Resins & synthetic fibers $10 million
4. Medical equipment & supplies $10 million
5. Nonferrous metal products $8.6 million

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

Top Services Export Markets, 2021

1. United Kingdom $52 million
2. Ireland $41 million
3. Canada $59 million
4. Switzerland $58 million
5. China $50 million

Top Services Exports to China, 2021

1. Royalties from industrial processes $5.2 million
2. Education $4.8 million
3. Trademark royalties $3.6 million
4. Misc. business, prof. & tech. services $5.4 million
5. Misc. personal & recreational $5.2 million

5% of PA-8 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)
Pennsylvania's 9th District Exports to China

Pennsylvania's 9th District goods and services exports to China supported 1,590 American jobs in 2021.

**Goods**

($ million)

<table>
<thead>
<tr>
<th>Year</th>
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</tr>
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<td>2012</td>
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<tr>
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<td>$256</td>
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</table>

Change (2021-2022): -7%

**Services**

($ million)

<table>
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</tr>
<tr>
<td>2020</td>
<td>$23</td>
</tr>
</tbody>
</table>

Change (2020-2021): -5%

**Top Goods Export Markets, 2022**

1. Canada  $1.0 billion
2. Mexico  $395 million
3. China   $256 million
4. Netherlands $205 million
5. Germany $146 million

**Top Goods Exports to China, 2022**

1. Nonferrous metal products $51 million
2. Sawmill & wood products $51 million
3. Oilseeds & grains $25 million
4. Meat products $24 million
5. Iron, steel & ferroalloys $15 million

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

**Top Services Export Markets, 2021**

1. Ireland $58 million
2. Switzerland $55 million
3. Canada $55 million
4. United Kingdom $55 million
5. China $25 million

**Top Services Exports to China, 2021**

1. Royalties from industrial processes $5.9 million
2. Equip. installation & maintenance $5.5 million
3. Trademark royalties $5.1 million
4. Misc. business, prof. & tech. services $1.9 million
5. Operational leasing $1.9 million

6% of PA-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)
Pennsylvania's 10th District
Exports to China

*Pennsylvania's 10th District goods and services exports to China supported 1,500 American jobs in 2021.*

### Change (2021-2022): -15%

### Goods ($ million)

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<tr>
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### Services ($ million)

<table>
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<tr>
<td>2020</td>
<td>$62</td>
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<tr>
<td>2021</td>
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</tbody>
</table>

### Growth (2020-2021): 4%

#### Top Goods Export Markets, 2022

1. Canada $1.2 billion
2. Mexico $342 million
3. China $152 million
4. Netherlands $110 million
5. Germany $108 million

#### Top Goods Exports to China, 2022

1. Computer equipment $16 million
2. Semiconductors & components $16 million
3. Electrical equipment & components $16 million
4. Misc. general purpose machinery $10 million
5. Medical equipment & supplies $9.9 million

#### Top Services Export Markets, 2021

1. United Kingdom $115 million
2. Canada $104 million
3. China $64 million
4. Japan $65 million
5. Ireland $60 million

#### Top Services Exports to China, 2021

1. Education $18 million
2. Misc. personal & recreational $6.7 million
3. Equip. installation & maintenance $5.9 million
4. Trademark royalties $5.1 million
5. Misc. business, prof. & tech. services $5.1 million

5% of PA-10 global goods exports went to China in 2022

6% of PA-10 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)
Pennsylvania's 11th District
Exports to China

*Pennsylvania's 11th District goods and services exports to China supported 1,680 American jobs in 2021.*

### Goods ($ million)

<table>
<thead>
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</table>

Change (2021-2022): -2%

### Top Goods Export Markets, 2022

1. Canada  
   - $1.1 billion
2. Mexico  
   - $347 million
3. China  
   - $257 million
4. Germany  
   - $120 million
5. United Kingdom  
   - $95 million

### Top Goods Exports to China, 2022

1. Nonferrous metal products  
   - $60 million
2. Oilseeds & grains  
   - $54 million
3. Soaps, cleaning agents & toiletries  
   - $23 million
4. Meat products  
   - $12 million
5. Semiconductors & components  
   - $8.9 million

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

### Services ($ million)

<table>
<thead>
<tr>
<th></th>
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</table>

Growth (2020-2021): 5%

### Top Services Export Markets, 2021

1. Canada  
   - $52 million
2. United Kingdom  
   - $47 million
3. China  
   - $42 million
4. Ireland  
   - $37 million
5. Mexico  
   - $55 million

### Top Services Exports to China, 2021

1. Education  
   - $9.2 million
2. Equip. installation & maintenance  
   - $7.9 million
3. Royalties from industrial processes  
   - $4.6 million
4. Trademark royalties  
   - $5.8 million
5. Misc. personal & recreational  
   - $5.7 million

7% of PA-11 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)
Pennsylvania's 12th District Exports to China

*Pennsylvania's 12th District goods and services exports to China supported 2,780 American jobs in 2021.*

**Goods** ($ million)

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
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<td>$148</td>
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<tr>
<td>2020</td>
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Change (2021-2022): -24%

**Services** ($ million)

<table>
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</thead>
<tbody>
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<td>2020</td>
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</tr>
<tr>
<td>2021</td>
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</table>

Growth (2020-2021): 10%

**Top Goods Export Markets, 2022**

1. Canada $682 million
2. Mexico $506 million
3. China $199 million
4. Netherlands $146 million
5. Germany $111 million

**Top Goods Exports to China, 2022**

1. Electrical equipment $25 million
2. Misc. general purpose machinery $25 million
3. Navigational & meas. instruments $22 million
4. Resins & synthetic fibers $11 million
5. Iron, steel & ferroalloys $11 million

**Top Services Export Markets, 2021**

1. China $199 million
2. United Kingdom $195 million
3. Netherlands $155 million
4. U.K. Caribbean $150 million
5. Ireland $119 million

**Top Services Exports to China, 2021**

1. Education $141 million
2. Legal services $10 million
3. Misc. personal & recreational $7.5 million
4. Trademark royalties $6.1 million
5. Misc. financial services $4.1 million

5% of PA-12 global goods exports went to China in 2022

10% of PA-12 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)
Pennsylvania's 13th District
Exports to China

Pennsylvania's 13th District goods and services exports to China supported 1,720 American jobs in 2021.

Goods ($ million)

<table>
<thead>
<tr>
<th>Year</th>
<th>Goods</th>
<th>Services</th>
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<tbody>
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<tr>
<td>2021</td>
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</table>

Change (2021-2022): -11%

Growth (2020-2021): 4%

Top Goods Export Markets, 2022

1. Canada: $1.1 billion
2. Mexico: $303 million
3. China: $259 million
4. Germany: $151 million
5. Netherlands: $101 million

Top Goods Exports to China, 2022

1. Nonferrous metal products: $55 million
2. Sawmill & wood products: $34 million
3. Oilseeds & grains: $34 million
4. Navigational & meas. instruments: $15 million
5. Misc. general purpose machinery: $12 million

Top Services Export Markets, 2021

1. United Kingdom: $36 million
2. Canada: $28 million
3. Ireland: $28 million
4. China: $27 million
5. Switzerland: $26 million

Top Services Exports to China, 2021

1. Education: $7.8 million
2. Royalties from industrial processes: $5.2 million
3. Trademark royalties: $2.9 million
4. Equip. installation & maintenance: $2.8 million
5. Misc. personal & recreational: $2.6 million

8% of PA-13 global goods exports went to China in 2022

6% of PA-13 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)
Pennsylvania's 14th District Exports to China

Pennsylvania's 14th District goods and services exports to China supported 1,770 American jobs in 2021.

**Change (2021-2022): -51%**

<table>
<thead>
<tr>
<th>Goods ($ million)</th>
<th>Services ($ million)</th>
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</thead>
<tbody>
<tr>
<td>$446</td>
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<tr>
<td>$41</td>
<td>$45</td>
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Change (2020-2021): -16%

**Top Goods Export Markets, 2022**

1. Canada  $769 million
2. Netherlands  $355 million
3. India  $285 million
4. Mexico  $284 million
5. China  $234 million
6. China

**Top Goods Exports to China, 2022**

1. Nonferrous metal products  $114 million
2. Navigational & meas. instruments  $16 million
3. Electrical equipment  $15 million
4. Sawmill & wood products  $12 million
5. Oilseeds & grains  $7.8 million

**Top Services Export Markets, 2021**

1. Canada  $41 million
2. United Kingdom  $39 million
3. China  $59 million
4. Mexico  $55 million
5. Ireland  $27 million

**Top Services Exports to China, 2021**

1. Operational leasing  $9.9 million
2. Equip. installation & maintenance  $5.0 million
3. Education  $4.7 million
4. Misc. personal & recreational  $4.4 million
5. Trademark royalties  $5.6 million

6% of PA-14 global goods exports went to China in 2022

7% of PA-14 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)
Pennsylvania's 15th District Exports to China

Pennsylvania's 15th District goods and services exports to China supported 3,030 American jobs in 2021.

Goods ($ million)

Services ($ million)

Change (2021-2022): -16%

Change (2020-2021): -5%

Top Goods Export Markets, 2022
1. Canada $811 million
2. Mexico $274 million
3. Netherlands $256 million
4. China $255 million
5. Germany $156 million

Top Goods Exports to China, 2022
1. Sawmill & wood products $56 million
2. Oilseeds & grains $28 million
3. Nonferrous metal products $19 million
4. Navigational & meas. instruments $19 million
5. Timber & logs $15 million

Top Services Export Markets, 2021
1. China $141 million
2. India $75 million
3. Netherlands $78 million
4. United Kingdom $181 million
5. Ireland $183 million

Top Services Exports to China, 2021
1. Education $120 million
2. Royalties from industrial processes $4.1 million
3. Equip. installation & maintenance $5.9 million
4. Trademark royalties $5.1 million
5. Operational leasing $1.6 million

7% of PA-15 global goods exports went to China in 2022
18% of PA-15 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)
Pennsylvania's 16th District Exports to China

Pennsylvania's 16th District goods and services exports to China supported 1,790 American jobs in 2021.

Goods
($ million)

<table>
<thead>
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Change (2021-2022): -19%

Services
($ million)

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<td>$56</td>
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</table>

Growth (2020-2021): 12%

Top Goods Export Markets, 2022

1. Canada $1.1 billion
2. Mexico $494 million
3. China $228 million
4. Netherlands $225 million
5. Germany $167 million

Top Goods Exports to China, 2022

1. Nonferrous metal products $42 million
2. Navigational & meas. instruments $16 million
3. Semiconductors & components $15 million
4. Oilseeds & grains $15 million
5. Iron, steel & ferroalloys $15 million

Top Services Export Markets, 2021

1. United Kingdom $55 million
2. China $41 million
3. Mexico $223 million
4. Ireland $40 million
5. Switzerland $37 million

Top Services Exports to China, 2021

1. Education $15 million
2. Royalties from industrial processes $4.6 million
3. Equip. installation & maintenance $3.9 million
4. Trademark royalties $3.7 million
5. Misc. personal & recreational $3.6 million

6% of PA-16 global goods exports went to China in 2022
7% of PA-16 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)
Pennsylvania's 17th District Exports to China

Pennsylvania's 17th District goods and services exports to China supported 1,060 American jobs in 2021.

<table>
<thead>
<tr>
<th>Goods ($ million)</th>
<th>Services ($ million)</th>
</tr>
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<tr>
<td>2021: $127</td>
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</tbody>
</table>

Change (2021-2022): -22%

Growth (2020-2021): 0%

Top Goods Export Markets, 2022
1. Canada: $650 million
2. Mexico: $365 million
3. Netherlands: $156 million
4. China: $127 million
5. Germany: $114 million

Top Goods Exports to China, 2022
1. Nonferrous metal products: $20 million
2. Resins & synthetic fibers: $18 million
3. Navigational & meas. instruments: $17 million
4. Electrical equipment: $11 million
5. Misc. general purpose machinery: $11 million

5% of PA-17 global goods exports went to China in 2022

Top Services Export Markets, 2021
1. United Kingdom: $147 million
2. Canada: $120 million
3. Ireland: $104 million
4. U.K. Caribbean: $100 million
5. China: $52 million

Top Services Exports to China, 2021
1. Misc. personal & recreational: $6.7 million
2. Trademark royalties: $5.2 million
3. Education: $4.6 million
4. Misc. financial services: $4.5 million
5. Operational leasing: $4.1 million

4% of PA-17 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)