Maryland's Exports to China

Maryland's goods and services exports to China supported 11,580 American jobs in 2021.

<table>
<thead>
<tr>
<th>Goods ($ billion)</th>
<th>Services ($ million)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0.7</td>
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</tr>
<tr>
<td>$0.8</td>
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</tr>
<tr>
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</tr>
<tr>
<td></td>
<td>$634</td>
</tr>
<tr>
<td></td>
<td>$689</td>
</tr>
</tbody>
</table>

Change (2021-2022): -9%

Growth (2020-2021): 9%

### Top Goods Export Markets, 2022

1. Canada: $2.2 billion  
2. France: $1.7 billion  
3. Netherlands: $1.4 billion  
4. China: $1.2 billion  
5. India: $1.2 billion

### Top Goods Exports to China, 2022

1. Coal & petroleum gases: $288 million  
2. Pharmaceuticals & medicines: $152 million  
3. Oilseeds & grains: $158 million  
4. Pulp & paperboard mill products: $115 million  
5. Basic chemicals: $65 million

### Top Services Export Markets, 2021

1. Ireland: $1.7 billion  
2. U.K. Caribbean: $1.4 billion  
3. Switzerland: $1.1 billion  
4. United Kingdom: $1.1 billion  
5. China: $1.1 billion  
6. India: $689 million

### Top Services Exports to China, 2021

1. Education: $255 million  
2. Royalties from industrial processes: $72 million  
3. Computer software services: $48 million  
4. Misc. personal & recreational: $45 million  
5. Business mgmt. & consulting: $42 million

7% of Maryland's global goods exports went to China in 2022

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

Maryland's 1st District goods and services exports to China supported 1,900 American jobs in 2021.

**Goods ($ million)**

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<tr>
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<th></th>
<th></th>
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<td>$297</td>
<td>$272</td>
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Change (2021-2022): -8%

**Services ($ million)**

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<tr>
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<td>$77</td>
<td>$73</td>
<td>$37</td>
<td>$37</td>
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</tbody>
</table>

Growth (2020-2021): 2%

**Top Goods Export Markets, 2022**

1. Canada $414 million
2. France $288 million
3. China $272 million
4. India $204 million
5. Netherlands $203 million

**Top Goods Exports to China, 2022**

1. Oilseeds & grains $75 million
2. Pulp & paperboard mill products $55 million
3. Plastics products $25 million
4. Coal & petroleum gases $21 million
5. Pharmaceuticals & medicines $18 million

8% of MD-1 global goods exports went to China in 2022

**Top Services Export Markets, 2021**

1. Ireland $97 million
2. Switzerland $68 million
3. China $272 million
4. United Kingdom $59 million
5. Mexico $57 million
6. Netherlands $57 million
7. France $68 million

**Top Services Exports to China, 2021**

1. Royalties from industrial processes $6.8 million
2. Misc. personal & recreational $6.6 million
3. Equip. installation & maintenance $4.0 million
4. Trademark royalties $5.5 million
5. Business mgmt. & consulting $2.9 million

4% of MD-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)
Maryland's 2nd District Exports to China

Maryland's 2nd District goods and services exports to China supported 1,440 American jobs in 2021.

Change (2021-2022): -26%

Growth (2020-2021): 5%

**Goods**
($ million)

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<tr>
<th>Year</th>
<th>Value</th>
</tr>
</thead>
<tbody>
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<tr>
<td>2013</td>
<td>$128</td>
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<tr>
<td>2020</td>
<td>$252</td>
</tr>
<tr>
<td>2021</td>
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</tbody>
</table>

**Services**
($ million)

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>2020</td>
<td>$64</td>
</tr>
<tr>
<td>2021</td>
<td>$67</td>
</tr>
</tbody>
</table>

**Top Goods Export Markets, 2022**

1. France $652 million
2. Canada $528 million
5. Netherlands $518 million
4. India $318 million
8. China $186 million

**Top Goods Exports to China, 2022**

1. Coal & petroleum gases $47 million
2. Aerospace products & parts $50 million
3. Pharmaceuticals & medicines $23 million
4. Oil & gas $16 million
5. Misc. general purpose machinery $12 million

**Top Services Export Markets, 2021**

1. U.K. Caribbean $454 million
2. United Kingdom $169 million
5. Ireland $167 million
4. Canada $116 million
7. China $67 million

**Top Services Exports to China, 2021**

1. Royalties from industrial processes $12 million
2. Education $8.1 million
3. Misc. personal & recreational $7.5 million
4. Trademark royalties $5.2 million
5. Operational leasing $5.2 million

5% of MD-2 global goods exports went to China in 2022

3% of MD-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)
Maryland's 3rd District
Exports to China

Maryland's 3rd District goods and services exports to China supported 900 American jobs in 2021.

Growth (2021-2022): 10%

Top Goods Export Markets, 2022
1. Canada $292 million
2. France $112 million
3. Netherlands $100 million
4. India $81 million
5. China $78 million

Top Goods Exports to China, 2022
1. Navigational & meas. instruments $23 million
2. Misc. general purpose machinery $7.5 million
3. Plastics products $5.1 million
4. Semiconductors & components $4.8 million
5. Coal & petroleum gases $3.8 million

Growth (2020-2021): 4%

Top Services Export Markets, 2021
1. Ireland $371 million
2. Switzerland $239 million
3. United Kingdom $183 million
4. Canada $161 million
5. China $91 million

Top Services Exports to China, 2021
1. Royalties from industrial processes $20 million
2. Computer software services $16 million
3. Business mgmt. & consulting $10 million
4. Operational leasing $6.6 million
5. Misc. personal & recreational $6.4 million

5% of MD-3 global goods exports went to China in 2022
4% of MD-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)
Maryland's 4th District Exports to China

Maryland's 4th District goods and services exports to China supported 1,260 American jobs in 2021.

**Goods (\$ million)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Goods</th>
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</thead>
<tbody>
<tr>
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<td>2020</td>
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<tr>
<td>2021</td>
<td>$78</td>
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</tbody>
</table>

Change (2021-2022): -50%

**Services (\$ million)**

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<tr>
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<th>Services</th>
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</thead>
<tbody>
<tr>
<td>2012</td>
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<tr>
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<tr>
<td>2020</td>
<td>$90</td>
</tr>
<tr>
<td>2021</td>
<td>$91</td>
</tr>
</tbody>
</table>

Growth (2020-2021): 1%

**Top Goods Export Markets, 2022**

1. India  $151 million
2. Canada  $115 million
5. Netherlands  $110 million
4. Japan  $97 million
6. China  $78 million

**Top Goods Exports to China, 2022**

1. Coal & petroleum gases  $49 million
2. Oil & gas  $5.3 million
3. Scrap products  $4.5 million
4. Basic chemicals  $4.5 million
5. Misc. fabricated metal products  $3.0 million

6% of MD-4 global goods exports went to China in 2022

**Top Services Export Markets, 2021**

1. China  $91 million
2. Ireland  $70 million
5. Canada  $67 million
4. Mexico  $60 million
5. United Kingdom  $58 million

**Top Services Exports to China, 2021**

1. Education  $58 million
2. Operational leasing  $7.0 million
3. Computer software services  $5.0 million
4. Misc. personal & recreational  $4.2 million
5. Royalties from industrial processes  $5.6 million

10% of MD-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)
Maryland's 5th District Exports to China

Maryland's 5th District goods and services exports to China supported 870 American jobs in 2021.

### Goods ($ million)

<table>
<thead>
<tr>
<th></th>
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<td>$60</td>
<td>$137</td>
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</table>

Change (2021-2022): -24%

### Services ($ million)

<table>
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<tbody>
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</tbody>
</table>

Change (2020-2021): -4%

### Top Goods Export Markets, 2022

1. India          $125 million
2. Canada         $111 million
3. Netherlands    $105 million
4. China          $104 million
5. France         $96 million

### Top Services Export Markets, 2021

1. Ireland        $115 million
2. United Kingdom $76 million
3. Canada         $75 million
4. Switzerland    $72 million
5. China          $58 million

### Top Goods Exports to China, 2022

1. Coal & petroleum gases   $40 million
2. Oilseeds & grains        $17 million
3. Pulp & paperboard mill products $8.7 million
4. Oil & gas                $6.5 million
5. Navigational & meas. instruments $4.5 million

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

### Top Services Exports to China, 2021

1. Computer software services $5.5 million
2. Arch., eng. & other tech. services $4.9 million
3. Operational leasing         $4.6 million
4. Business mgmt. & consulting $4.5 million
5. Misc. personal & recreational $5.8 million

4% of MD-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)
Maryland's 6th District Exports to China

Maryland's 6th District goods and services exports to China supported 1,780 American jobs in 2021.

### Goods ($ million)

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<td>2020</td>
<td>$328</td>
</tr>
<tr>
<td>2021</td>
<td>$350</td>
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</tbody>
</table>

Growth (2021-2022): 7%

### Services ($ million)

<table>
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<tbody>
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<td>2012</td>
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<td>2020</td>
<td>$40</td>
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<tr>
<td>2021</td>
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</table>

Growth (2020-2021): 4%

### Top Goods Export Markets, 2022

1. Canada $627 million
2. China $350 million
3. Switzerland $244 million
4. France $224 million
5. Japan $171 million

### Top Goods Exports to China, 2022

1. Coal & petroleum gases $115 million
2. Pulp & paperboard mill products $71 million
3. Pharmaceuticals & medicines $41 million
4. Oilseeds & grains $55 million
5. Fabrics $14 million

11% of MD-6 global goods exports went to China in 2022

### Top Services Export Markets, 2021

1. Ireland $187 million
2. Switzerland $111 million
3. Singapore $88 million
4. United Kingdom $85 million
5. China $42 million

### Top Services Exports to China, 2021

1. Royalties from industrial processes $8.5 million
2. Computer software services $4.7 million
3. Misc. personal & recreational $5.6 million
4. Trademark royalties $5.5 million
5. Business mgmt. & consulting $5.1 million

3% of MD-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)
Maryland's 7th District Exports to China

Maryland's 7th District goods and services exports to China supported 2,540 American jobs in 2021.

### Goods ($ million)

<table>
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Change (2021-2022): -11%

### Services ($ million)

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<td>2020</td>
<td>$186</td>
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<tr>
<td>2021</td>
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</tbody>
</table>

Growth (2020-2021): 20%

### Top Goods Export Markets, 2022

1. Canada $258 million
2. France $217 million
3. Netherlands $167 million
4. India $157 million
5. China $101 million

### Top Goods Exports to China, 2022

1. Basic chemicals $55 million
2. Pharmaceuticals & medicines $15 million
3. Aerospace products & parts $12 million
4. Coal & petroleum gases $11 million
5. Oil & gas $5.6 million

5% of MD-7 global goods exports went to China in 2022

### Top Services Export Markets, 2021

1. U.K. Caribbean $286 million
2. China $222 million
3. France $217 million
4. Germany $171 million
5. United Kingdom $150 million
6. Japan $133 million

### Top Services Exports to China, 2021

1. Education $165 million
2. Ocean freight & port services $17 million
3. Misc. business, prof. & tech. services $6.1 million
4. Trademark royalties $5.0 million
5. Misc. personal & recreational $4.4 million

9% of MD-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)
Maryland's 8th District Exports to China

Maryland's 8th District goods and services exports to China supported 890 American jobs in 2021.

Growth (2021-2022): 21%

Top Goods Export Markets, 2022
1. Netherlands $114 million
2. Canada $97 million
3. China $73 million
4. United Kingdom $68 million
5. Japan $53 million

Top Goods Exports to China, 2022
1. Pharmaceuticals & medicines $54 million
2. Resins & synthetic fibers $6.6 million
3. Basic chemicals $5.8 million
4. Communications equipment $2.8 million
5. Misc. chemical preparations $1.0 million

Growth (2020-2021): 12%

Top Services Export Markets, 2021
1. Ireland $544 million
2. U.K. Caribbean $514 million
3. Switzerland $288 million
4. United Kingdom $279 million
10. China $101 million

Top Services Exports to China, 2021
1. Royalties from industrial processes $15 million
2. Education $14 million
3. Business mgmt. & consulting $13 million
4. Computer software services $12 million
5. Trademark royalties $6.5 million

8% of MD-8 global goods exports went to China in 2022
3% of MD-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)