Virginia's Exports to China

*Virginia's goods and services exports to China supported 21,090 American jobs in 2021.*

**Goods**

($ billion)

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>$1.6</td>
</tr>
<tr>
<td>2014</td>
<td>$1.7</td>
</tr>
<tr>
<td>2015</td>
<td>$1.3</td>
</tr>
<tr>
<td>2016</td>
<td>$1.3</td>
</tr>
<tr>
<td>2017</td>
<td>$1.5</td>
</tr>
<tr>
<td>2018</td>
<td>$1.2</td>
</tr>
<tr>
<td>2019</td>
<td>$1.1</td>
</tr>
<tr>
<td>2020</td>
<td>$1.1</td>
</tr>
<tr>
<td>2021</td>
<td>$2.7</td>
</tr>
<tr>
<td>2022</td>
<td>$2.1</td>
</tr>
</tbody>
</table>

**Services**

($ billion)

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>$0.7</td>
</tr>
<tr>
<td>2013</td>
<td>$0.8</td>
</tr>
<tr>
<td>2014</td>
<td>$0.9</td>
</tr>
<tr>
<td>2015</td>
<td>$1.0</td>
</tr>
<tr>
<td>2016</td>
<td>$1.1</td>
</tr>
<tr>
<td>2017</td>
<td>$1.1</td>
</tr>
<tr>
<td>2018</td>
<td>$1.1</td>
</tr>
<tr>
<td>2019</td>
<td>$0.7</td>
</tr>
<tr>
<td>2020</td>
<td>$0.8</td>
</tr>
<tr>
<td>2021</td>
<td></td>
</tr>
</tbody>
</table>

Change (2021-2022): -25%

Growth (2020-2021): 15%

**Top Goods Export Markets, 2022**

1. Canada $5.4 billion
2. India $2.5 billion
3. China $2.1 billion
4. Netherlands $1.5 billion
5. Mexico $1.1 billion

**Top Goods Exports to China, 2022**

1. Meat products $452 million
2. Coal & petroleum gases $265 million
3. Converted paper products $216 million
4. Oilseeds & grains $206 million
5. Pharmaceuticals & medicines $168 million

**Top Services Export Markets, 2021**

1. Ireland $1.8 billion
2. United Kingdom $1.6 billion
3. Canada $1.4 billion
4. Switzerland $1.4 billion
5. Mexico $837 million

**Top Services Exports to China, 2021**

1. Education $199 million
2. Computer software services $115 million
3. Credit-related services $104 million
4. Business mgmt. & consulting $64 million
5. Misc. business, prof. & tech. services $55 million

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

4% of Virginia'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)
Virginia's 1st District
Exports to China

*Virginia's 1st District goods and services exports to China supported 1,030 American jobs in 2021.*

<table>
<thead>
<tr>
<th>Goods ($ million)</th>
<th>Services ($ million)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012: $133</td>
<td>2012: $38</td>
</tr>
<tr>
<td>2013: $129</td>
<td>2013: $44</td>
</tr>
<tr>
<td>2014: $98</td>
<td>2014: $51</td>
</tr>
<tr>
<td>2015: $94</td>
<td>2015: $59</td>
</tr>
<tr>
<td>2016: $110</td>
<td>2016: $67</td>
</tr>
<tr>
<td>2017: $83</td>
<td>2017: $64</td>
</tr>
<tr>
<td>2018: $89</td>
<td>2018: $67</td>
</tr>
<tr>
<td>2019: $121</td>
<td>2019: $66</td>
</tr>
<tr>
<td>2020: $118</td>
<td>2020: $38</td>
</tr>
<tr>
<td>2021: $118</td>
<td>2021: $43</td>
</tr>
</tbody>
</table>

**Change (2021-2022): -5%**

**Growth (2020-2021): 15%**

<table>
<thead>
<tr>
<th>Top Goods Export Markets, 2022</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Canada</td>
<td>$195 million</td>
</tr>
<tr>
<td>2. China</td>
<td>$118 million</td>
</tr>
<tr>
<td>5. India</td>
<td>$94 million</td>
</tr>
<tr>
<td>4. Netherlands</td>
<td>$74 million</td>
</tr>
<tr>
<td>5. Mexico</td>
<td>$69 million</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top Goods Exports to China, 2022</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Converted paper products</td>
<td>$20 million</td>
</tr>
<tr>
<td>2. Resins &amp; synthetic fibers</td>
<td>$18 million</td>
</tr>
<tr>
<td>3. Oilseeds &amp; grains</td>
<td>$16 million</td>
</tr>
<tr>
<td>4. Pulp &amp; paperboard mill products</td>
<td>$10 million</td>
</tr>
<tr>
<td>5. Pharmaceuticals &amp; medicines</td>
<td>$9.1 million</td>
</tr>
</tbody>
</table>

**9% of VA-1 global goods exports went to China in 2022**

<table>
<thead>
<tr>
<th>Top Services Export Markets, 2021</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Canada</td>
<td>$62 million</td>
</tr>
<tr>
<td>2. United Kingdom</td>
<td>$52 million</td>
</tr>
<tr>
<td>5. China</td>
<td>$45 million</td>
</tr>
<tr>
<td>4. Mexico</td>
<td>$40 million</td>
</tr>
<tr>
<td>5. Ireland</td>
<td>$37 million</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top Services Exports to China, 2021</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Education</td>
<td>$11 million</td>
</tr>
<tr>
<td>2. Credit-related services</td>
<td>$8.6 million</td>
</tr>
<tr>
<td>3. Misc. personal &amp; recreational services</td>
<td>$6.2 million</td>
</tr>
<tr>
<td>4. Misc. business, prof. &amp; tech. services</td>
<td>$4.5 million</td>
</tr>
<tr>
<td>5. Trademark royalties</td>
<td>$5.2 million</td>
</tr>
</tbody>
</table>

**7% of VA-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)*
Virginia's 2nd District
Exports to China

Virginia's 2nd District goods and services exports to China supported 2,010 American jobs in 2021.

Goods ($ million)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>$109</td>
<td>$105</td>
<td>$77</td>
<td>$83</td>
<td>$96</td>
<td>$55</td>
<td>$171</td>
<td>$266</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Change (2021-2022): -28%

Services ($ million)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>$28</td>
<td>$31</td>
<td>$35</td>
<td>$42</td>
<td>$47</td>
<td>$43</td>
<td>$42</td>
<td>$39</td>
<td>$23</td>
<td>$26</td>
</tr>
</tbody>
</table>

Growth (2020-2021): 12%

Top Goods Export Markets, 2022

1. China $191 million
2. Canada $164 million
5. India $152 million
4. Mexico $67 million
5. Netherlands $60 million

Top Goods Exports to China, 2022

1. Meat products $121 million
2. Oilseeds & grains $18 million
5. Coal & petroleum gases $12 million
4. Scrap products $9.6 million
5. Pulp & paperboard mill products $4.8 million

15% of VA-2 global goods exports went to China in 2022

Top Services Export Markets, 2021

1. United Kingdom $47 million
2. Canada $45 million
5. Mexico $54 million
4. Ireland $27 million
5. China $26 million

Top Services Exports to China, 2021

1. Credit-related services $5.0 million
2. Misc. business, prof. & tech. services $5.6 million
3. Misc. personal & recreational $2.7 million
4. Trademark royalties $2.6 million
5. Arch., eng. & other tech. services $2.6 million

5% of VA-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)
Virginia's 3rd District
Exports to China

*Virginia's 3rd District goods and services exports to China supported 550 American jobs in 2021.*

**Goods** ($ million)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>$49</td>
<td>$55</td>
<td>$40</td>
<td>$39</td>
<td>$42</td>
<td>$32</td>
<td>$25</td>
<td>$24</td>
<td>$28</td>
<td>$36</td>
</tr>
</tbody>
</table>

**Services** ($ million)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>$71</td>
<td>$76</td>
<td>$93</td>
<td>$98</td>
<td>$102</td>
<td>$102</td>
<td>$97</td>
<td>$90</td>
<td>$77</td>
<td>$87</td>
</tr>
</tbody>
</table>

**Growth (2021-2022): 26%**

**Top Goods Export Markets, 2022**

1. Canada $256 million
2. Germany $57 million
3. Mexico $54 million
4. India $45 million
5. China $36 million

**Top Goods Exports to China, 2022**

1. Pulp & paperboard mill products $5.5 million
2. Scrap products $5.4 million
3. Engines & turbines $5.6 million
4. Petroleum & coal products $5.0 million
5. Misc. general purpose machinery $2.7 million

**Growth (2020-2021): 15%**

**Top Services Export Markets, 2021**

1. Denmark $576 million
2. Switzerland $286 million
3. Germany $178 million
4. France $152 million
5. China $87 million

**Top Services Exports to China, 2021**

1. Ocean freight & port services $55 million
2. Education $8.8 million
3. Misc. business, prof. & tech. services $5.9 million
4. Credit-related services $5.5 million
5. Trademark royalties $2.9 million

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

*4% of VA-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)
Virginia's 4th District Exports to China

Virginia's 4th District goods and services exports to China supported 1,670 American jobs in 2021.

**Goods ($ million)**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$245</td>
<td>$229</td>
<td>$192</td>
<td>$184</td>
<td>$195</td>
<td>$179</td>
<td>$178</td>
<td>$197</td>
<td>$241</td>
<td>$269</td>
<td></td>
</tr>
</tbody>
</table>

Growth (2021-2022): 11%

**Top Goods Export Markets, 2022**
1. Canada $558 million
2. China $269 million
3. Belgium $154 million
4. Mexico $121 million
5. Netherlands $115 million

**Top Goods Exports to China, 2022**
1. Converted paper products $75 million
2. Pharmaceuticals & medicines $46 million
3. Resins & synthetic fibers $32 million
4. Pulp & paperboard mill products $25 million
5. Oilseeds & grains $21 million

12% of VA-4 global goods exports went to China in 2022

**Services ($ million)**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$54</td>
<td>$61</td>
<td>$70</td>
<td>$80</td>
<td>$91</td>
<td>$87</td>
<td>$92</td>
<td>$88</td>
<td>$53</td>
<td>$59</td>
<td></td>
</tr>
</tbody>
</table>

Growth (2020-2021): 11%

**Top Services Export Markets, 2021**
1. Canada $85 million
2. United Kingdom $69 million
3. China $59 million
4. Ireland $46 million
5. Mexico $45 million

**Top Services Exports to China, 2021**
1. Education $20 million
2. Credit-related services $16 million
3. Misc. business, prof. & tech. services $5.1 million
4. Trademark royalties $5.8 million
5. Misc. personal & recreational $2.3 million

7% of VA-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)
Virginia's 5th District Exports to China

_Growth (2021-2022): 0%_  

**Top Goods Export Markets, 2022**  
1. Canada $431 million  
2. China $240 million  
3. China $187 million  
4. Mexico $128 million  
5. India $135 million

**Top Goods Exports to China, 2022**  
1. Oilseeds & grains $35 million  
2. Pulp & paperboard mill products $35 million  
3. Pharmaceuticals & medicines $28 million  
4. Timber & logs $21 million  
5. Sawmill & wood products $21 million

9% of VA-5 global goods exports went to China in 2022

**Growth (2020-2021): 6%**  

**Top Services Export Markets, 2021**  
1. China $87 million  
2. United Kingdom $78 million  
3. Taiwan $76 million  
4. Ireland $68 million  
5. Mexico $55 million

**Top Services Exports to China, 2021**  
1. Education $45 million  
2. Credit-related services $17 million  
3. Trademark royalties $4.5 million  
4. Misc. business, prof. & tech. services $4.5 million  
5. Misc. personal & recreational $5.6 million

8% of VA-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)
Virginia's 6th District Exports to China

Virginia's 6th District goods and services exports to China supported 5,800 American jobs in 2021.

**Goods** ($ million)

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>$404</td>
</tr>
<tr>
<td>2013</td>
<td>$430</td>
</tr>
<tr>
<td>2014</td>
<td>$309</td>
</tr>
<tr>
<td>2015</td>
<td>$320</td>
</tr>
<tr>
<td>2016</td>
<td>$348</td>
</tr>
<tr>
<td>2017</td>
<td>$283</td>
</tr>
<tr>
<td>2018</td>
<td>$372</td>
</tr>
<tr>
<td>2019</td>
<td>$610</td>
</tr>
<tr>
<td>2020</td>
<td>$809</td>
</tr>
<tr>
<td>2021</td>
<td>$687</td>
</tr>
</tbody>
</table>

Change (2021-2022): -15%

**Services** ($ million)

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>$44</td>
</tr>
<tr>
<td>2013</td>
<td>$52</td>
</tr>
<tr>
<td>2014</td>
<td>$63</td>
</tr>
<tr>
<td>2015</td>
<td>$71</td>
</tr>
<tr>
<td>2016</td>
<td>$79</td>
</tr>
<tr>
<td>2017</td>
<td>$76</td>
</tr>
<tr>
<td>2018</td>
<td>$78</td>
</tr>
<tr>
<td>2019</td>
<td>$74</td>
</tr>
<tr>
<td>2020</td>
<td>$38</td>
</tr>
<tr>
<td>2021</td>
<td>$39</td>
</tr>
</tbody>
</table>

Growth (2020-2021): 2%

**Top Goods Export Markets, 2022**

1. Canada $947 million
2. China $687 million
3. Mexico $327 million
4. Japan $253 million
5. Taiwan $201 million

**Top Goods Exports to China, 2022**

1. Meat products $294 million
2. Oilseeds & grains $75 million
3. Converted paper products $60 million
4. Pharmaceuticals & medicines $58 million
5. Pulp & paperboard mill products $29 million

13% of VA-6 global goods exports went to China in 2022

**Top Services Export Markets, 2021**

1. Canada $56 million
2. United Kingdom $54 million
3. Mexico $50 million
4. China $39 million
5. Ireland $38 million

**Top Services Exports to China, 2021**

1. Education $12 million
2. Trademark royalties $5.2 million
3. Misc. business, prof. & tech. services $5.1 million
4. Misc. financial services $2.8 million
5. Royalties from industrial processes $2.7 million

6% of VA-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)
Virginia's 7th District Exports to China

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

Goods ($ million)

<table>
<thead>
<tr>
<th>Year</th>
<th>Goods</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>$47</td>
</tr>
<tr>
<td>2013</td>
<td>$49</td>
</tr>
<tr>
<td>2014</td>
<td>$42</td>
</tr>
<tr>
<td>2015</td>
<td>$52</td>
</tr>
<tr>
<td>2016</td>
<td>$31</td>
</tr>
<tr>
<td>2017</td>
<td>$30</td>
</tr>
<tr>
<td>2018</td>
<td>$22</td>
</tr>
<tr>
<td>2019</td>
<td>$20</td>
</tr>
<tr>
<td>2020</td>
<td>$93</td>
</tr>
<tr>
<td>2021</td>
<td>$53</td>
</tr>
</tbody>
</table>

Change (2021-2022): -43%

Services ($ million)

<table>
<thead>
<tr>
<th>Year</th>
<th>Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>$20</td>
</tr>
<tr>
<td>2013</td>
<td>$23</td>
</tr>
<tr>
<td>2014</td>
<td>$27</td>
</tr>
<tr>
<td>2015</td>
<td>$32</td>
</tr>
<tr>
<td>2016</td>
<td>$36</td>
</tr>
<tr>
<td>2017</td>
<td>$35</td>
</tr>
<tr>
<td>2018</td>
<td>$36</td>
</tr>
<tr>
<td>2019</td>
<td>$34</td>
</tr>
<tr>
<td>2020</td>
<td>$18</td>
</tr>
<tr>
<td>2021</td>
<td>$21</td>
</tr>
</tbody>
</table>

Growth (2020-2021): 18%

Top Goods Export Markets, 2022

1. India $148 million
2. Netherlands $73 million
3. China $53 million
4. Brazil $40 million

Top Goods Exports to China, 2022

1. Coal & petroleum gases $19 million
2. Oilseeds & grains $6.7 million
3. Pharmaceuticals & medicines $6.0 million
4. Scrap products $4.6 million
5. Timber & logs $3.1 million

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

Top Services Export Markets, 2021

1. Ireland $69 million
2. Canada $58 million
3. United Kingdom $56 million
4. Switzerland $59 million
10. China $21 million

Top Services Exports to China, 2021

1. Computer software services $3.1 million
2. Business mgmt. & consulting $2.8 million
3. Trademark royalties $2.5 million
4. Misc. business, prof. & tech. services $2.1 million
5. Misc. personal & recreational $2.0 million

3% of VA-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)
Virginia's 8th District Exports to China

Virginia's 8th District goods and services exports to China supported 1,450 American jobs in 2021.

Goods ($ million)

<table>
<thead>
<tr>
<th>Year</th>
<th>Value $10</th>
<th>$12</th>
<th>$10</th>
<th>$10</th>
<th>$10</th>
<th>$9</th>
<th>$10</th>
<th>$11</th>
<th>$13</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2013</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Change (2021-2022): -17%

Services ($ million)

<table>
<thead>
<tr>
<th>Year</th>
<th>Value $191</th>
<th>$180</th>
<th>$184</th>
<th>$208</th>
<th>$219</th>
<th>$220</th>
<th>$248</th>
<th>$246</th>
<th>$213</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2013</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Growth (2020-2021): 21%

Top Goods Export Markets, 2022

1. Canada $97 million
2. Germany $24 million
5. Netherlands $25 million
4. Mexico $19 million
10. China $11 million

Top Goods Exports to China, 2022

1. Navigational & meas. instruments $4.2 million
2. Medical equipment & supplies $2.0 million
5. Coal & petroleum gases $1.8 million
4. Computer equipment $1.5 million
5. Magnetic & optical media $839,000

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

Top Services Export Markets, 2021

1. Ireland $960 million
2. United Kingdom $645 million
5. Canada $589 million
4. Switzerland $564 million
10. China $215 million

Top Services Exports to China, 2021

1. Computer software services $62 million
2. Business mgmt. & consulting $59 million
5. Credit-related services $31 million
4. Misc. business, prof. & tech. services $15 million
5. Trademark royalties $11 million

3% of VA-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)
Virginia's 9th District Exports to China

Virginia's 9th District goods and services exports to China supported 3,970 American jobs in 2021.

Change (2021-2022): -46%

Growth (2020-2021): 3%

**Top Goods Export Markets, 2022**
1. India $1.5 billion
2. Canada $754 million
5. Netherlands $688 million
4. China $456 million
5. Brazil $404 million

**Top Services Export Markets, 2021**
1. China $67 million
2. Canada $48 million
5. Ireland $44 million
4. United Kingdom $45 million
5. India $36 million

**Top Goods Exports to China, 2022**
1. Coal & petroleum gases $177 million
2. Converted paper products $41 million
5. Pharmaceuticals & medicines $37 million
4. Oilseeds & grains $52 million
5. Pulp & paperboard mill products $17 million

6% of VA-9 global goods exports went to China in 2022

**Top Services Exports to China, 2021**
1. Education $46 million
2. Misc. business, prof. & tech. services $5.6 million
3. Equip. installation & maintenance $5.4 million
4. Trademark royalties $5.0 million
5. Royalties from industrial processes $2.0 million

10% of VA-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)
Virginia's 10th District
Exports to China

Virginia's 10th District goods and services exports to China supported 820 American jobs in 2021.

**Goods ($ million)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Goods</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>$58</td>
</tr>
<tr>
<td>2013</td>
<td>$56</td>
</tr>
<tr>
<td>2014</td>
<td>$57</td>
</tr>
<tr>
<td>2015</td>
<td>$57</td>
</tr>
<tr>
<td>2016</td>
<td>$66</td>
</tr>
<tr>
<td>2017</td>
<td>$50</td>
</tr>
<tr>
<td>2018</td>
<td>$28</td>
</tr>
<tr>
<td>2019</td>
<td>$31</td>
</tr>
<tr>
<td>2020</td>
<td>$122</td>
</tr>
<tr>
<td>2021</td>
<td>$66</td>
</tr>
</tbody>
</table>

Change (2021-2022): -46%

**Services ($ million)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>$64</td>
</tr>
<tr>
<td>2013</td>
<td>$70</td>
</tr>
<tr>
<td>2014</td>
<td>$79</td>
</tr>
<tr>
<td>2015</td>
<td>$87</td>
</tr>
<tr>
<td>2016</td>
<td>$94</td>
</tr>
<tr>
<td>2017</td>
<td>$91</td>
</tr>
<tr>
<td>2018</td>
<td>$101</td>
</tr>
<tr>
<td>2019</td>
<td>$95</td>
</tr>
<tr>
<td>2020</td>
<td>$45</td>
</tr>
<tr>
<td>2021</td>
<td>$54</td>
</tr>
</tbody>
</table>

Growth (2020-2021): 18%

**Top Goods Export Markets, 2022**

1. India $198 million
2. Canada $150 million
3. Netherlands $115 million
4. Taiwan $92 million
5. China $66 million

**Top Goods Exports to China, 2022**

1. Coal & petroleum gases $24 million
2. Scrap products $6.4 million
3. Pulp & paperboard mill products $4.6 million
4. Semiconductors & components $4.4 million
5. Communications equipment $4.2 million

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

**Top Services Export Markets, 2021**

1. United Kingdom $179 million
2. Germany $165 million
3. Canada $154 million
4. Japan $121 million
5. China $54 million

**Top Services Exports to China, 2021**

1. Computer software services $15 million
2. Air freight & port services $6.2 million
3. Misc. business, prof. & tech. services $5.0 million
4. Misc. personal & recreational $4.0 million
5. Trademark royalties $5.9 million

3% of VA-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)
Virginia's 11th District
Exports to China

*Virginia's 11th District goods and services exports to China supported 1,140 American jobs in 2021.*

**Goods**

($ million)

- 2012: $7.1
- 2013: $8.2
- 2014: $7.0
- 2015: $6.8
- 2016: $5.8
- 2017: $5.4
- 2018: $6.2
- 2019: $6.6
- 2020: $6.4
- 2021: $6.4

Change (2021-2022): -5%

**Top Goods Export Markets, 2022**

1. Canada $71 million
2. Germany $17 million
3. United Arab Emirates $14 million
4. Mexico $14 million
5. China $6.4 million
6. Switzerland $221 million
7. Mexico $14 million
8. Canada $249 million
9. United Arab Emirates $14 million
10. China $6.4 million

**Top Goods Exports to China, 2022**

1. Navigational & meas. instruments $5.4 million
2. Computer equipment $1.2 million
3. Medical equipment & supplies $610,000
4. Magnetic & optical media $554,000
5. Pharmaceuticals & medicines $296,000

**Services**

($ million)

- 2012: $91
- 2013: $91
- 2014: $98
- 2015: $113
- 2016: $130
- 2017: $140
- 2018: $158
- 2019: $159
- 2020: $126
- 2021: $142

Growth (2020-2021): 15%

**Top Services Export Markets, 2021**

1. Ireland $359 million
2. United Kingdom $265 million
3. Canada $249 million
4. Switzerland $221 million
5. China $142 million
6. Mexico $14 million
7. Canada $249 million
8. United Arab Emirates $14 million
9. Switzerland $221 million
10. China $142 million

**Top Services Exports to China, 2021**

1. Education $51 million
2. Computer software services $50 million
3. Credit-related services $19 million
4. Business mgmt. & consulting $14 million
5. Misc. business, prof. & tech. services $5.5 million

3% of VA-11 global goods exports went to China in 2022

5% of VA-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)