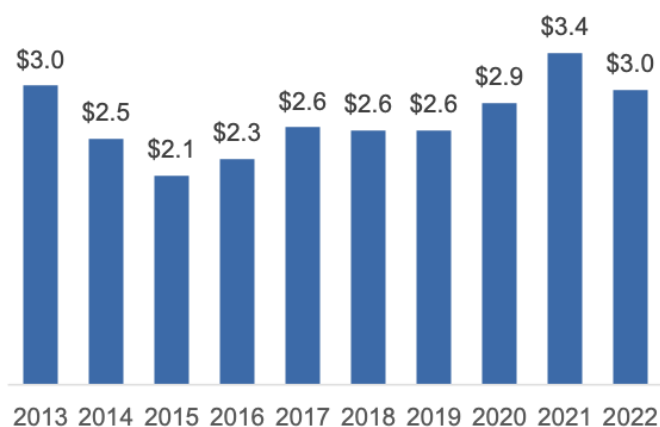


Pennsylvania's Exports to China

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

Goods (\$ billion)



Change (2021-2022): -11%

Top Goods Export Markets, 2022

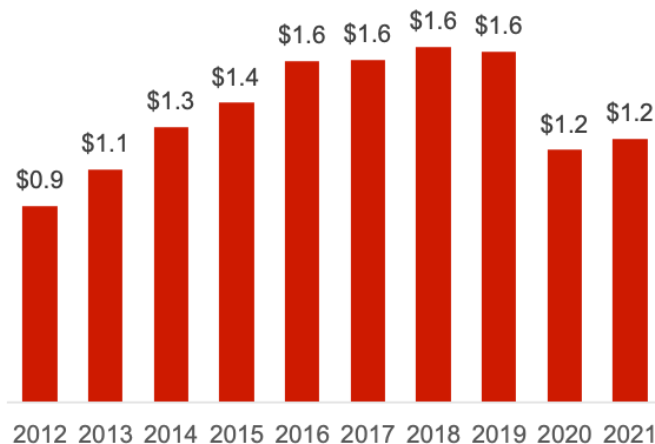
| | |
|----------------|----------------|
| 1. Canada | \$13.6 billion |
| 2. Mexico | \$5.3 billion |
| 3. Netherlands | \$3.2 billion |
| 4. China | \$3.0 billion |
| 5. Germany | \$2.3 billion |

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 |

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

Services (\$ billion)



Growth (2020-2021): 4%

Top Services Export Markets, 2021

| | |
|-------------------|---------------|
| 1. U.K. Caribbean | \$3.3 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 | \$53 million |

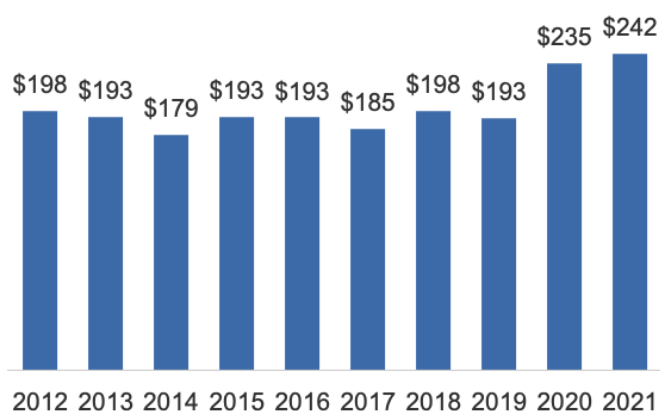
5% of Pennsylvania's global services exports went to China in 2021

Pennsylvania's 1st District Exports to China

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

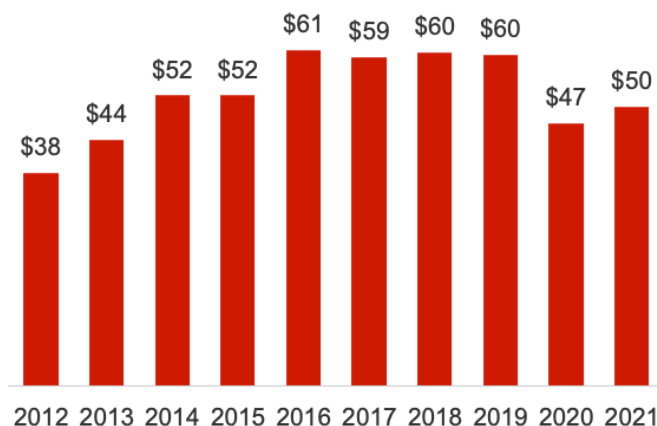
Goods

(\$ million)



Services

(\$ million)



Growth (2021-2022): 3%

Growth (2020-2021): 6%

Top Goods Export Markets, 2022

| | |
|----------------|---------------|
| 1. Canada | \$1.0 billion |
| 2. Mexico | \$442 million |
| 3. Netherlands | \$272 million |
| 4. China | \$242 million |
| 5. Germany | \$219 million |

Top Services Export Markets, 2021

| | |
|-------------------|---------------|
| 1. Ireland | \$155 million |
| 2. Switzerland | \$113 million |
| 3. Canada | \$100 million |
| 4. United Kingdom | \$89 million |
| 8. China | \$50 million |

Top Goods Exports to China, 2022

| | |
|--|--------------|
| 1. Soaps, cleaning agents & toiletries | \$48 million |
| 2. Computer equipment | \$29 million |
| 3. Basic chemicals | \$22 million |
| 4. Pharmaceuticals & medicines | \$21 million |
| 5. Navigational & meas. instruments | \$19 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 | \$4.3 million |
| 5. Equip. installation & maintenance | \$3.1 million |

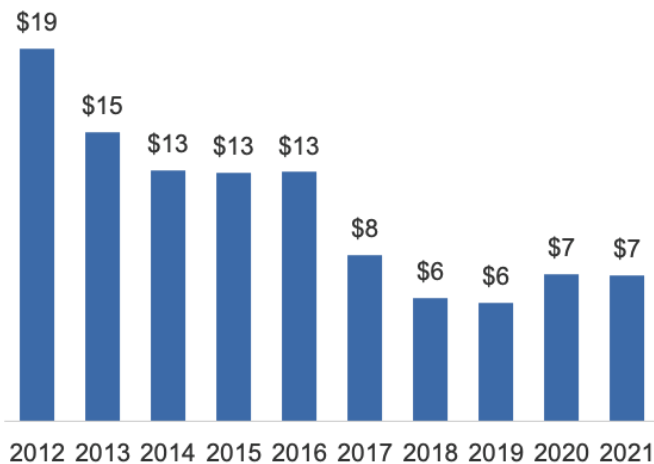
6% of PA-1 global goods exports went to China in 2022

4% of PA-1 global services exports went to China in 2021

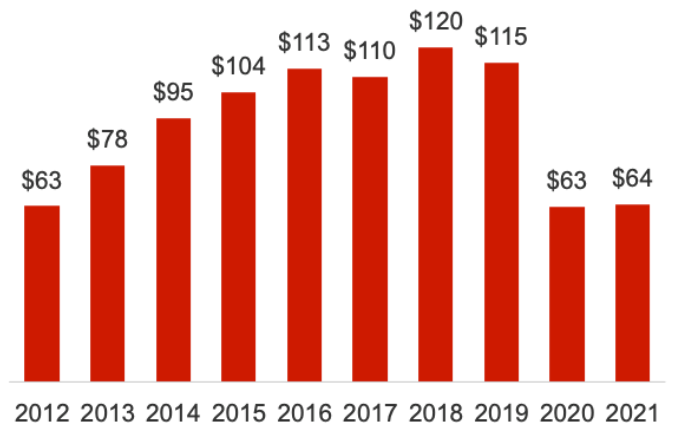
Pennsylvania's 2nd District Exports to China

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

Goods (\$ million)



Services (\$ million)



Change (2021-2022): -1%

Growth (2020-2021): 1%

Top Goods Export Markets, 2022

| | |
|----------------|---------------|
| 1. Canada | \$57 million |
| 2. Mexico | \$16 million |
| 3. Netherlands | \$13 million |
| 4. Germany | \$9.5 million |
| 6. China | \$7.4 million |

Top Services Export Markets, 2021

| | |
|-------------------|---------------|
| 1. U.K. Caribbean | \$210 million |
| 2. United Kingdom | \$187 million |
| 3. Canada | \$111 million |
| 4. Germany | \$98 million |
| 8. China | \$64 million |

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 |

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

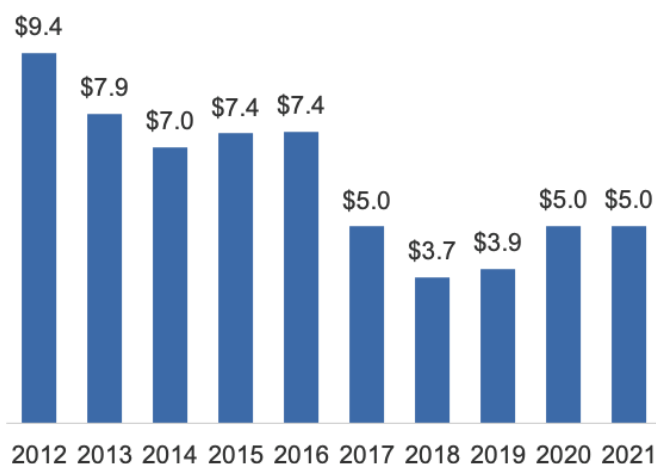
4% of PA-2 global services exports went to China in 2021

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)



Change (2021-2022): 0%

Top Goods Export Markets, 2022

| | |
|-------------------|---------------|
| 1. Canada | \$36 million |
| 2. Mexico | \$12 million |
| 3. Netherlands | \$5.7 million |
| 4. United Kingdom | \$5.6 million |
| 6. China | \$5.0 million |

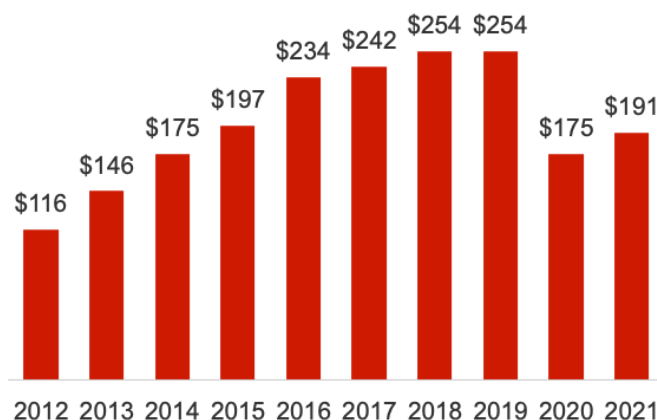
Top Goods Exports to China, 2022

| | |
|--------------------------------|---------------|
| 1. Meat products | \$1.7 million |
| 2. Scrap products | \$1.3 million |
| 3. Pharmaceuticals & medicines | \$432,000 |
| 4. Resins & synthetic fibers | \$311,000 |
| 5. Basic chemicals | \$260,000 |

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

Services

(\$ million)



Growth (2020-2021): 9%

Top Services Export Markets, 2021

| | |
|-------------------|---------------|
| 1. U.K. Caribbean | \$307 million |
| 2. China | \$191 million |
| 3. United Kingdom | \$163 million |
| 4. Canada | \$135 million |
| 5. Ireland | \$109 million |

Top Services Exports to China, 2021

| | |
|--|---------------|
| 1. Education | \$153 million |
| 2. Legal services | \$9.6 million |
| 3. Trademark royalties | \$4.6 million |
| 4. Financial mgmt. & advisory services | \$3.2 million |
| 5. Misc. personal & recreational | \$3.1 million |

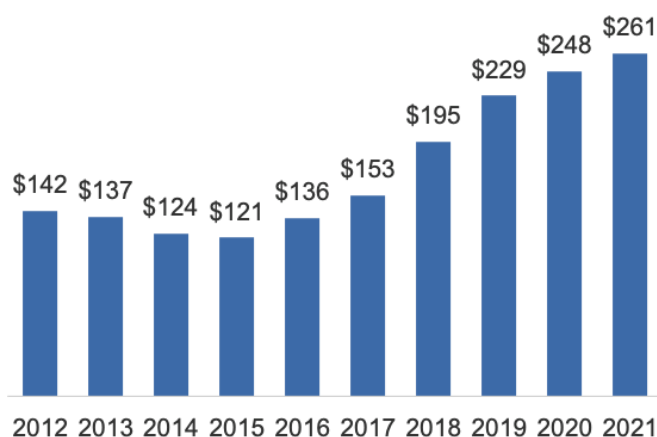
10% of PA-3 global services exports went to China in 2021

Pennsylvania's 4th District Exports to China

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

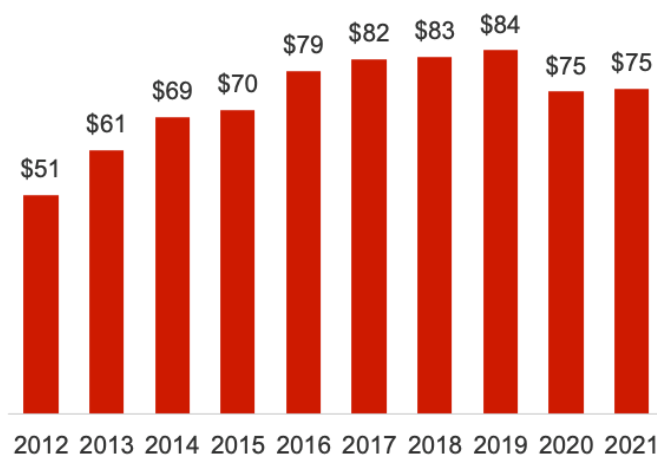
Goods

(\$ million)



Services

(\$ million)



Growth (2021-2022): 5%

Growth (2020-2021): 1%

Top Goods Export Markets, 2022

| | |
|-------------------|---------------|
| 1. Canada | \$1.1 billion |
| 2. Netherlands | \$655 million |
| 3. Mexico | \$321 million |
| 4. United Kingdom | \$316 million |
| 6. China | \$261 million |

Top Services Export Markets, 2021

| | |
|-------------------|---------------|
| 1. U.K. Caribbean | \$534 million |
| 2. Ireland | \$328 million |
| 3. United Kingdom | \$231 million |
| 4. Switzerland | \$197 million |
| 10. China | \$75 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

Top Services Exports to China, 2021

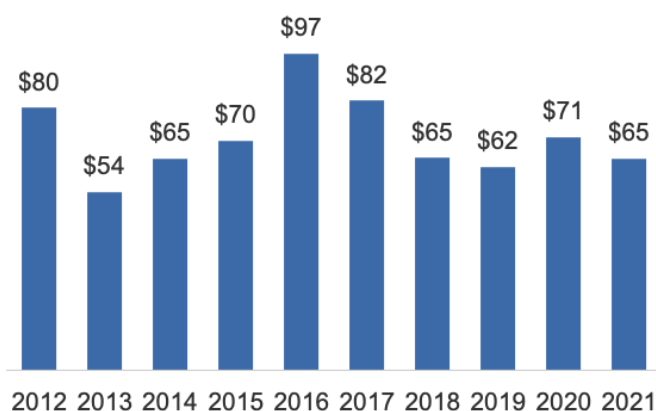
| | |
|---|---------------|
| 1. Royalties from industrial processes | \$19 million |
| 2. Trademark royalties | \$6.7 million |
| 3. Misc. business, prof. & tech. services | \$6.6 million |
| 4. Computer software services | \$5.7 million |
| 5. Financial mgmt. & advisory services | \$5.6 million |

3% of PA-4 global services exports went to China in 2021

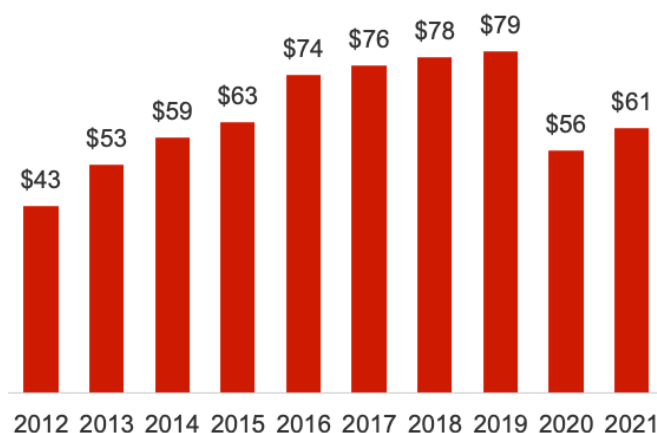
Pennsylvania's 5th District Exports to China

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

Goods (\$ million)



Services (\$ million)



Change (2021-2022): -9%

Growth (2020-2021): 9%

Top Goods Export Markets, 2022

| | |
|----------------|---------------|
| 1. Canada | \$399 million |
| 2. Mexico | \$195 million |
| 3. Netherlands | \$181 million |
| 4. Singapore | \$103 million |
| 10. China | \$65 million |

Top Services Export Markets, 2021

| | |
|-------------------|---------------|
| 1. U.K. Caribbean | \$326 million |
| 2. United Kingdom | \$206 million |
| 3. Ireland | \$123 million |
| 4. Switzerland | \$111 million |
| 8. China | \$61 million |

Top Goods Exports to China, 2022

| | |
|-------------------------------------|---------------|
| 1. Pharmaceuticals & medicines | \$16 million |
| 2. Basic chemicals | \$11 million |
| 3. Resins & synthetic fibers | \$6.5 million |
| 4. Aerospace products & parts | \$5.1 million |
| 5. Navigational & meas. instruments | \$3.7 million |

Top Services Exports to China, 2021

| | |
|---|---------------|
| 1. Education | \$22 million |
| 2. Royalties from industrial processes | \$5.7 million |
| 3. Misc. personal & recreational | \$4.9 million |
| 4. Trademark royalties | \$4.6 million |
| 5. Misc. business, prof. & tech. services | \$3.9 million |

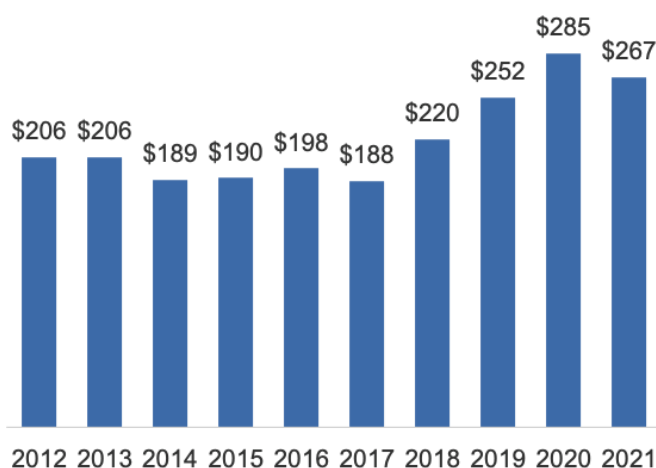
3% of PA-5 global goods exports went to China in 2022

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

Pennsylvania's 6th District Exports to China

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

Goods (\$ million)



Change (2021-2022): -6%

Top Goods Export Markets, 2022

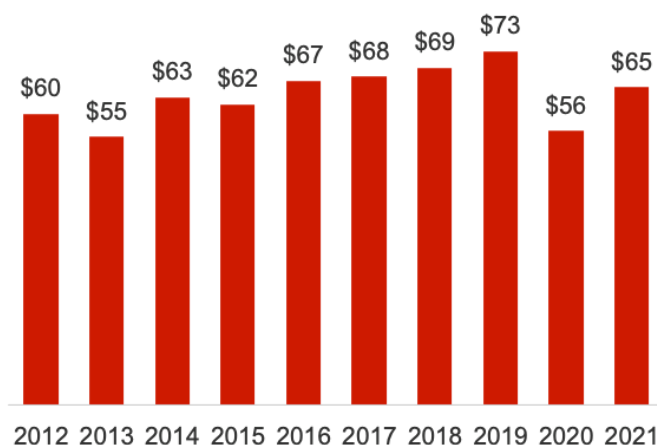
| | |
|----------------|---------------|
| 1. Canada | \$1.2 billion |
| 2. Mexico | \$445 million |
| 3. China | \$267 million |
| 4. Germany | \$202 million |
| 5. Netherlands | \$181 million |

Top Goods Exports to China, 2022

| | |
|--------------------------------------|--------------|
| 1. Nonferrous metal products | \$81 million |
| 2. Electrical equipment & components | \$57 million |
| 3. Computer equipment | \$29 million |
| 4. Resins & synthetic fibers | \$14 million |
| 5. Medical equipment & supplies | \$12 million |

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

Services (\$ million)



Growth (2020-2021): 16%

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 |
| 12. China | \$65 million |

Top Services Exports to China, 2021

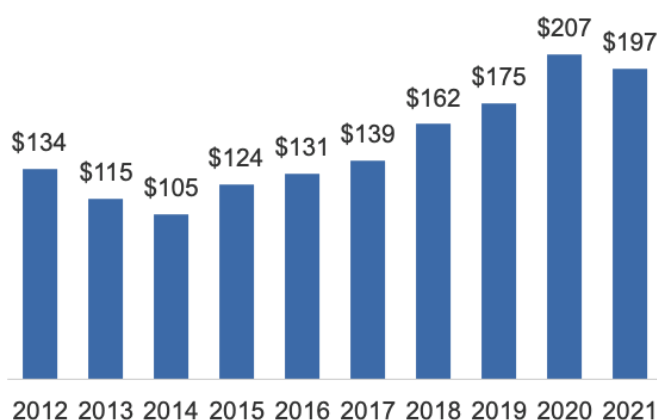
| | |
|--|---------------|
| 1. Financial mgmt. & advisory services | \$16 million |
| 2. Royalties from industrial processes | \$8.2 million |
| 3. Misc. personal & recreational | \$5.8 million |
| 4. Trademark royalties | \$5.5 million |
| 5. Education | \$5.3 million |

2% of PA-6 global services exports went to China in 2021

Pennsylvania's 7th District Exports to China

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

Goods (\$ million)



Change (2021-2022): -5%

Top Goods Export Markets, 2022

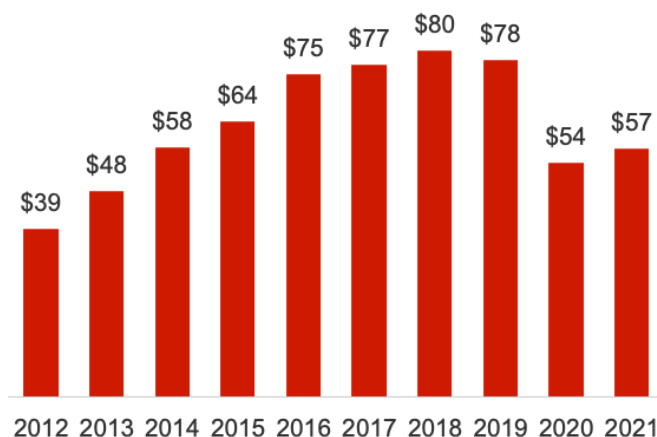
| | |
|-------------------|---------------|
| 1. Canada | \$777 million |
| 2. Mexico | \$478 million |
| 3. China | \$197 million |
| 4. Germany | \$161 million |
| 5. United Kingdom | \$157 million |

Top 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

Services (\$ million)



Growth (2020-2021): 6%

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 Services Exports to China, 2021

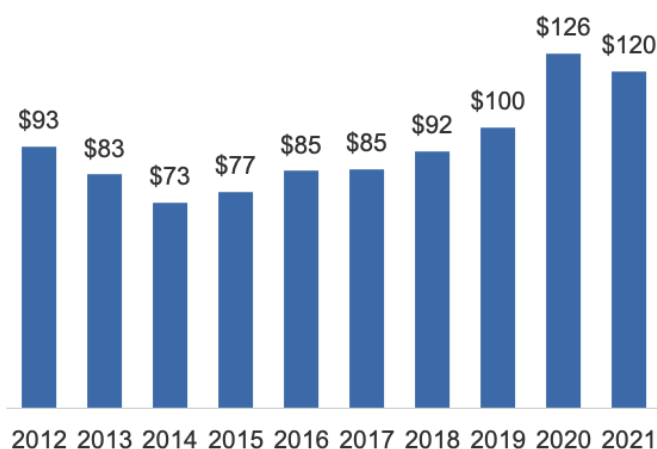
| | |
|---|---------------|
| 1. Education | \$25 million |
| 2. Royalties from industrial processes | \$8.9 million |
| 3. Misc. personal & recreational | \$6.5 million |
| 4. Misc. business, prof. & tech. services | \$4.6 million |
| 5. Trademark royalties | \$4.2 million |

9% of PA-7 global services exports went to China in 2021

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)



Change (2021-2022): -5%

Top Goods Export Markets, 2022

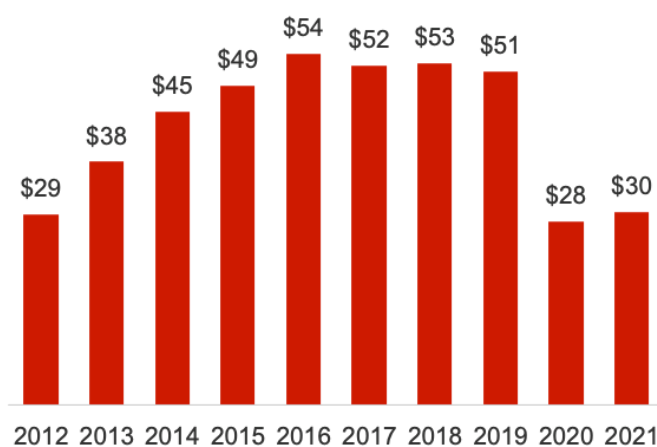
| | |
|----------------|---------------|
| 1. Canada | \$658 million |
| 2. Mexico | \$255 million |
| 3. Netherlands | \$198 million |
| 4. China | \$120 million |
| 5. Germany | \$115 million |

Top Goods Exports to China, 2022

| | |
|--|---------------|
| 1. Soaps, cleaning agents & toiletries | \$22 million |
| 2. Pharmaceuticals & medicines | \$13 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

Services (\$ million)



Growth (2020-2021): 5%

Top Services Export Markets, 2021

| | |
|-------------------|--------------|
| 1. United Kingdom | \$52 million |
| 2. Ireland | \$41 million |
| 3. Canada | \$39 million |
| 4. Switzerland | \$38 million |
| 6. China | \$30 million |

Top Services Exports to China, 2021

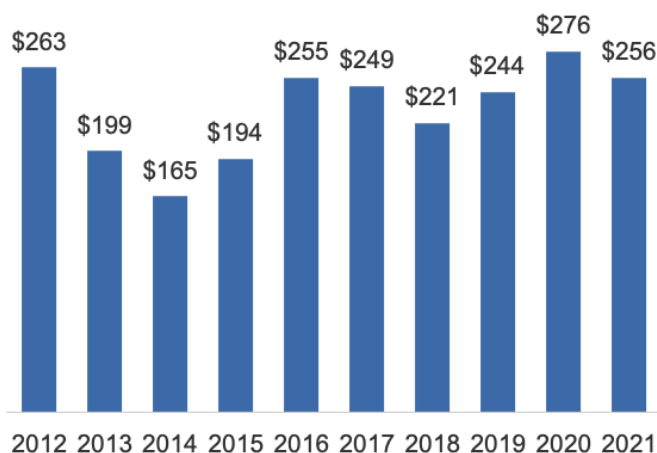
| | |
|---|---------------|
| 1. Royalties from industrial processes | \$5.2 million |
| 2. Education | \$4.8 million |
| 3. Trademark royalties | \$3.6 million |
| 4. Misc. business, prof. & tech. services | \$3.4 million |
| 5. Misc. personal & recreational | \$3.2 million |

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

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)



Change (2021-2022): -7%

Top Goods Export Markets, 2022

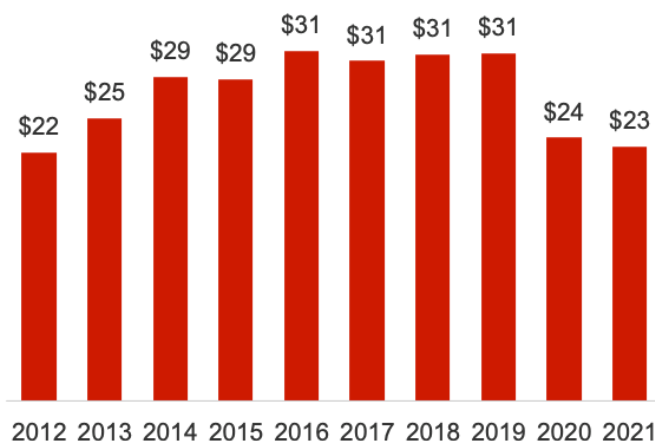
| | |
|----------------|---------------|
| 1. Canada | \$1.0 billion |
| 2. Mexico | \$395 million |
| 3. China | \$256 million |
| 4. Netherlands | \$205 million |
| 5. Germany | \$146 million |

Top Goods Exports to China, 2022

| | |
|------------------------------|--------------|
| 1. Nonferrous metal products | \$51 million |
| 2. Sawmill & wood products | \$31 million |
| 3. Oilseeds & grains | \$25 million |
| 4. Meat products | \$24 million |
| 5. Iron, steel & ferroalloys | \$13 million |

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

Services (\$ million)



Change (2020-2021): -3%

Top Services Export Markets, 2021

| | |
|-------------------|--------------|
| 1. Ireland | \$38 million |
| 2. Switzerland | \$35 million |
| 3. Canada | \$33 million |
| 4. United Kingdom | \$33 million |
| 5. China | \$23 million |

Top Services Exports to China, 2021

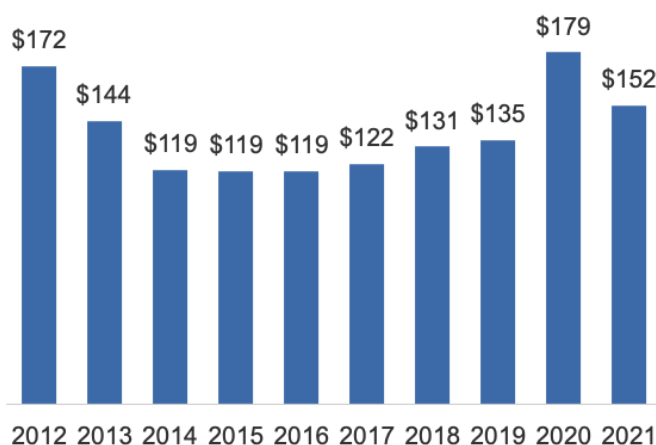
| | |
|---|---------------|
| 1. Royalties from industrial processes | \$5.9 million |
| 2. Equip. installation & maintenance | \$3.5 million |
| 3. Trademark royalties | \$3.1 million |
| 4. Misc. business, prof. & tech. services | \$1.9 million |
| 5. Operational leasing | \$1.9 million |

6% of PA-9 global services exports went to China in 2021

Pennsylvania's 10th District Exports to China

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

Goods (\$ million)



Change (2021-2022): -15%

Top Goods Export Markets, 2022

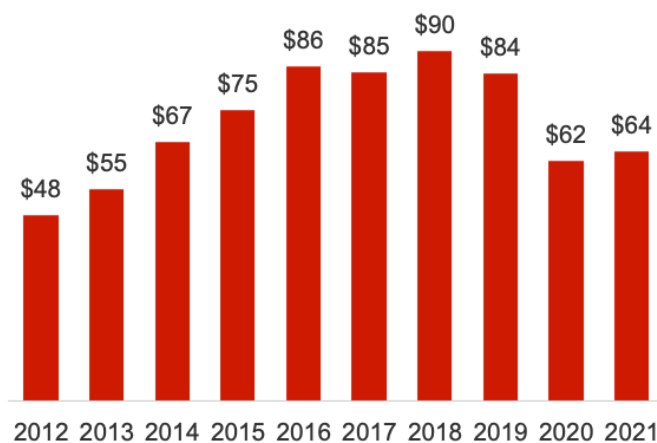
| | |
|----------------|---------------|
| 1. Canada | \$1.2 billion |
| 2. Mexico | \$342 million |
| 3. China | \$152 million |
| 4. Netherlands | \$110 million |
| 5. Germany | \$108 million |

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 |

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

Services (\$ million)



Growth (2020-2021): 4%

Top Services Export Markets, 2021

| | |
|-------------------|---------------|
| 1. United Kingdom | \$113 million |
| 2. Canada | \$104 million |
| 3. China | \$64 million |
| 4. Japan | \$63 million |
| 5. Ireland | \$60 million |

Top Services Exports to China, 2021

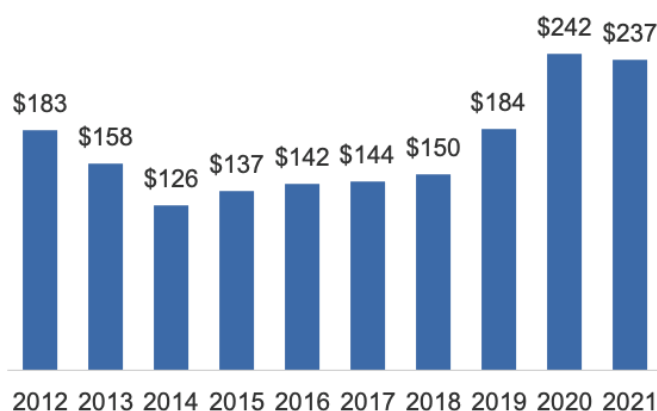
| | |
|---|---------------|
| 1. Education | \$18 million |
| 2. Misc. personal & recreational | \$6.7 million |
| 3. Equip. installation & maintenance | \$5.9 million |
| 4. Trademark royalties | \$5.1 million |
| 5. Misc. business, prof. & tech. services | \$5.1 million |

6% of PA-10 global services exports went to China in 2021

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)



Change (2021-2022): -2%

Top Goods Export Markets, 2022

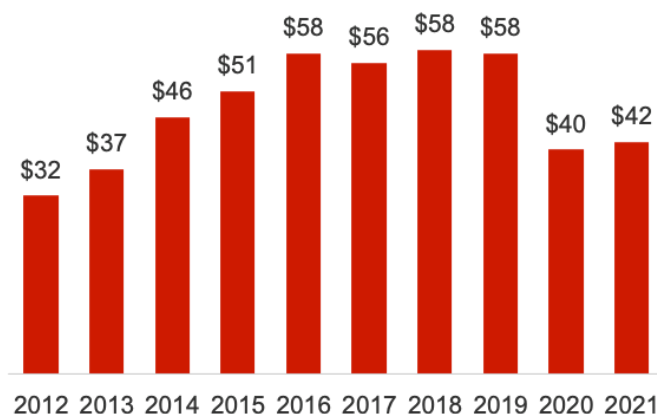
| | |
|-------------------|---------------|
| 1. Canada | \$1.1 billion |
| 2. Mexico | \$347 million |
| 3. China | \$237 million |
| 4. Germany | \$120 million |
| 5. United Kingdom | \$95 million |

Top Goods Exports to China, 2022

| | |
|--|---------------|
| 1. Nonferrous metal products | \$60 million |
| 2. Oilseeds & grains | \$34 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)



Growth (2020-2021): 3%

Top Services Export Markets, 2021

| | |
|-------------------|--------------|
| 1. Canada | \$52 million |
| 2. United Kingdom | \$47 million |
| 3. China | \$42 million |
| 4. Ireland | \$37 million |
| 5. Mexico | \$35 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 | \$3.8 million |
| 5. Misc. personal & recreational | \$3.7 million |

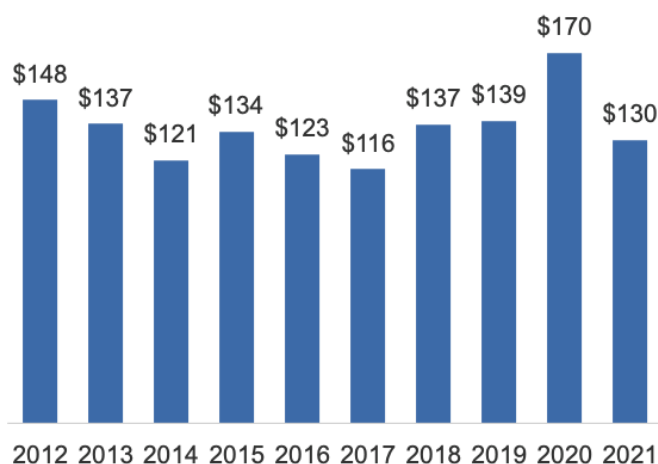
7% of PA-11 global services exports went to China in 2021

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)



Change (2021-2022): -24%

Top Goods Export Markets, 2022

| | |
|----------------|---------------|
| 1. Canada | \$682 million |
| 2. Mexico | \$506 million |
| 3. Netherlands | \$146 million |
| 4. China | \$130 million |
| 5. Germany | \$111 million |

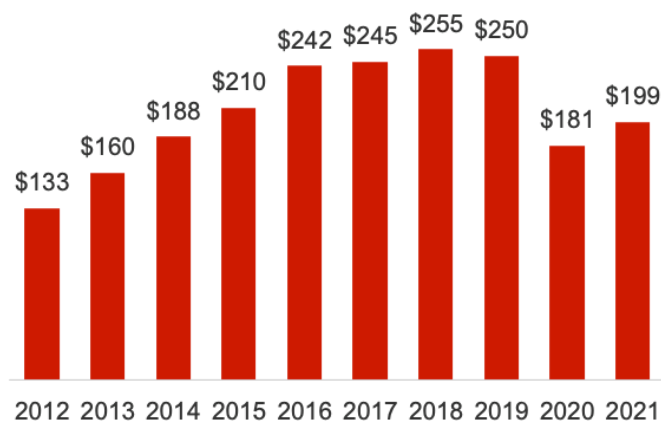
Top Goods Exports to China, 2022

| | |
|-------------------------------------|--------------|
| 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 |

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

Services

(\$ million)



Growth (2020-2021): 10%

Top Services Export Markets, 2021

| | |
|-------------------|---------------|
| 1. China | \$199 million |
| 2. United Kingdom | \$193 million |
| 3. Canada | \$155 million |
| 4. U.K. Caribbean | \$130 million |
| 5. Ireland | \$119 million |

Top Services Exports to China, 2021

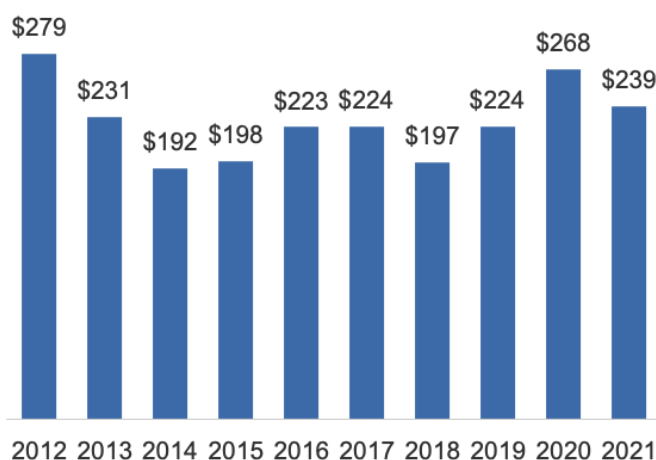
| | |
|----------------------------------|---------------|
| 1. Education | \$141 million |
| 2. Legal services | \$10 million |
| 3. Misc. personal & recreational | \$7.5 million |
| 4. Trademark royalties | \$6.1 million |
| 5. Misc. financial services | \$4.1 million |

10% of PA-12 global services exports went to China in 2021

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)



Change (2021-2022): -11%

Top Goods Export Markets, 2022

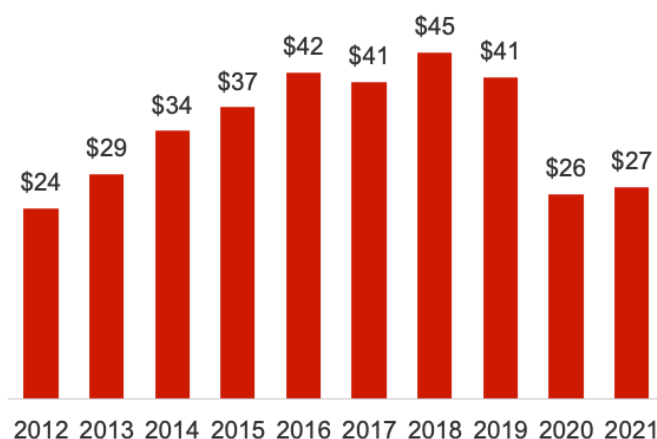
| | |
|----------------|---------------|
| 1. Canada | \$1.1 billion |
| 2. Mexico | \$303 million |
| 3. China | \$239 million |
| 4. Germany | \$151 million |
| 5. Netherlands | \$101 million |

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 |

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

Services (\$ million)



Growth (2020-2021): 4%

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 | \$3.2 million |
| 3. Trademark royalties | \$2.9 million |
| 4. Equip. installation & maintenance | \$2.8 million |
| 5. Misc. personal & recreational | \$2.6 million |

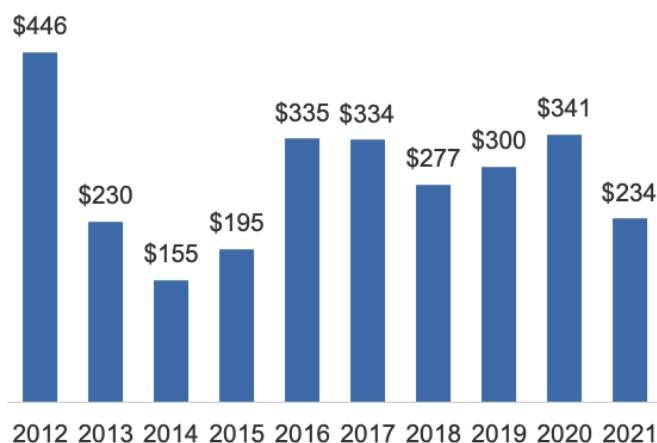
6% of PA-13 global services exports went to China in 2021

Pennsylvania's 14th District Exports to China

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

Goods

(\$ million)



Change (2021-2022): -31%

Top Goods Export Markets, 2022

| | |
|----------------|---------------|
| 1. Canada | \$769 million |
| 2. Netherlands | \$555 million |
| 3. India | \$285 million |
| 4. Mexico | \$284 million |
| 6. China | \$254 million |

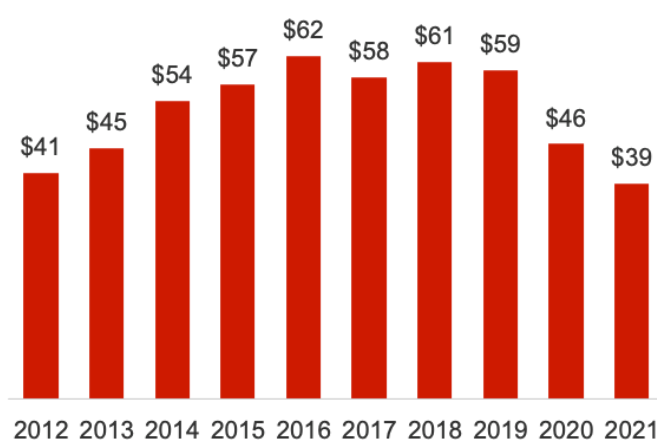
Top Goods Exports to China, 2022

| | |
|-------------------------------------|---------------|
| 1. Nonferrous metal products | \$114 million |
| 2. Navigational & meas. instruments | \$16 million |
| 3. Electrical equipment | \$13 million |
| 4. Sawmill & wood products | \$12 million |
| 5. Oilseeds & grains | \$7.8 million |

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

Services

(\$ million)



Change (2020-2021): -16%

Top Services Export Markets, 2021

| | |
|-------------------|--------------|
| 1. Canada | \$41 million |
| 2. United Kingdom | \$39 million |
| 3. China | \$39 million |
| 4. Mexico | \$35 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 | \$3.6 million |

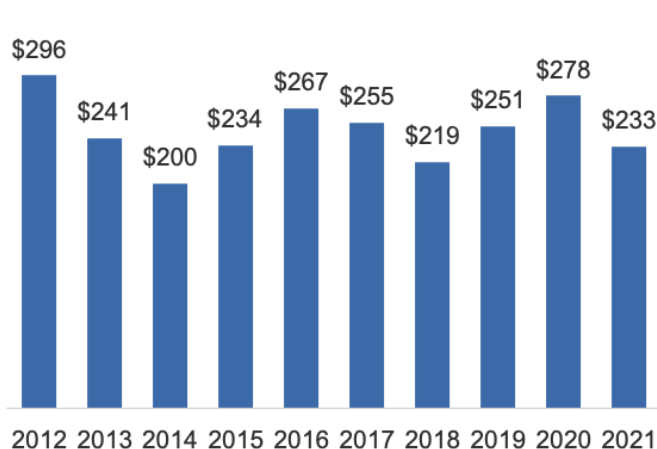
7% of PA-14 global services exports went to China in 2021

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)



Change (2021-2022): -16%

Top Goods Export Markets, 2022

| | |
|----------------|---------------|
| 1. Canada | \$811 million |
| 2. Mexico | \$274 million |
| 3. Netherlands | \$236 million |
| 4. China | \$233 million |
| 5. Germany | \$136 million |

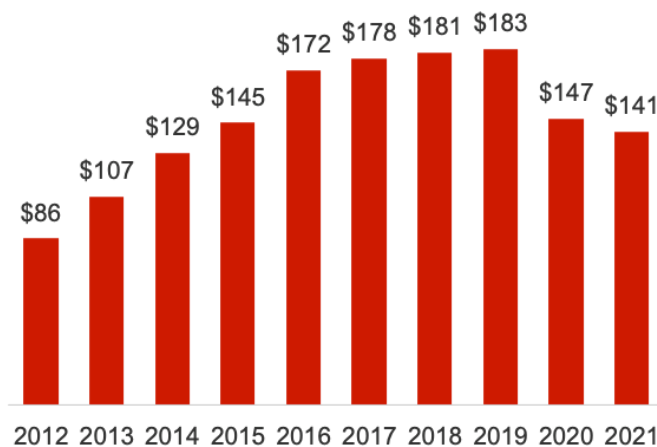
Top Goods Exports to China, 2022

| | |
|-------------------------------------|--------------|
| 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 | \$13 million |

7% of PA-15 global goods exports went to China in 2022

Services

(\$ million)



Change (2020-2021): -5%

Top Services Export Markets, 2021

| | |
|-------------------|---------------|
| 1. China | \$141 million |
| 2. India | \$75 million |
| 3. Canada | \$41 million |
| 4. United Kingdom | \$39 million |
| 5. Ireland | \$32 million |

Top Services Exports to China, 2021

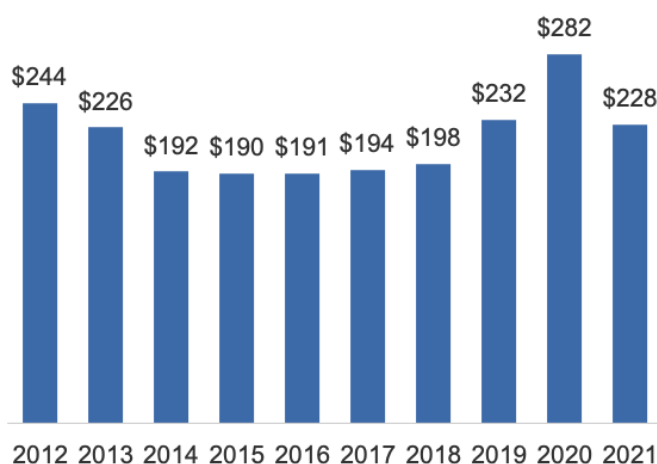
| | |
|--|---------------|
| 1. Education | \$120 million |
| 2. Royalties from industrial processes | \$4.1 million |
| 3. Equip. installation & maintenance | \$3.9 million |
| 4. Trademark royalties | \$3.1 million |
| 5. Operational leasing | \$1.6 million |

18% of PA-15 global services exports went to China in 2021

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)



Change (2021-2022): -19%

Top Goods Export Markets, 2022

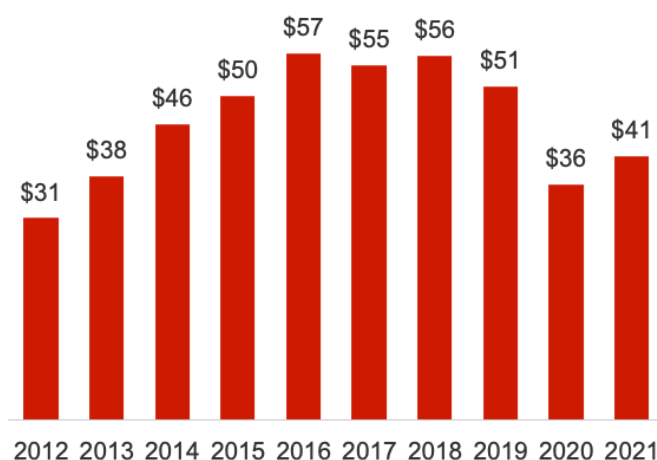
| | |
|----------------|---------------|
| 1. Canada | \$1.1 billion |
| 2. Mexico | \$494 million |
| 3. China | \$228 million |
| 4. Netherlands | \$223 million |
| 5. Germany | \$167 million |

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 | \$13 million |

6% of PA-16 global goods exports went to China in 2022

Services (\$ million)



Growth (2020-2021): 12%

Top Services Export Markets, 2021

| | |
|-------------------|--------------|
| 1. United Kingdom | \$53 million |
| 2. China | \$41 million |
| 3. Canada | \$40 million |
| 4. Ireland | \$40 million |
| 5. Switzerland | \$37 million |

Top Services Exports to China, 2021

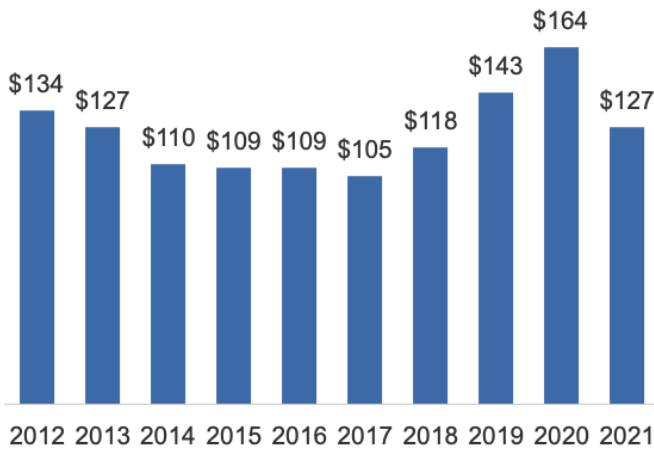
| | |
|--|---------------|
| 1. Education | \$15 million |
| 2. Royalties from industrial processes | \$4.6 million |
| 3. Equip. installation & maintenance | \$3.9 million |
| 4. Trademark royalties | \$3.7 million |
| 5. Misc. personal & recreational | \$3.6 million |

7% of PA-16 global services exports went to China in 2021

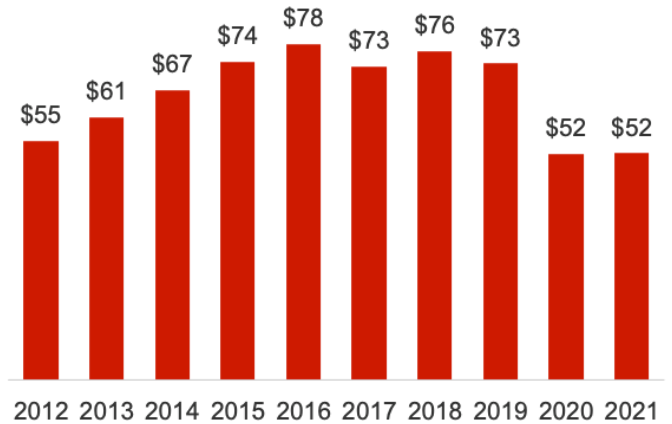
Pennsylvania's 17th District Exports to China

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

Goods (\$ million)



Services (\$ million)



Change (2021-2022): -22%

Growth (2020-2021): 0%

Top Goods Export Markets, 2022

| | |
|----------------|---------------|
| 1. Canada | \$630 million |
| 2. Mexico | \$363 million |
| 3. Netherlands | \$156 million |
| 4. China | \$127 million |
| 5. Germany | \$114 million |

Top Services Export Markets, 2021

| | |
|-------------------|---------------|
| 1. United Kingdom | \$147 million |
| 2. Canada | \$120 million |
| 3. Ireland | \$104 million |
| 4. U.K. Caribbean | \$100 million |
| 9. China | \$52 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 |

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 |

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

4% of PA-17 global services exports went to China in 2021