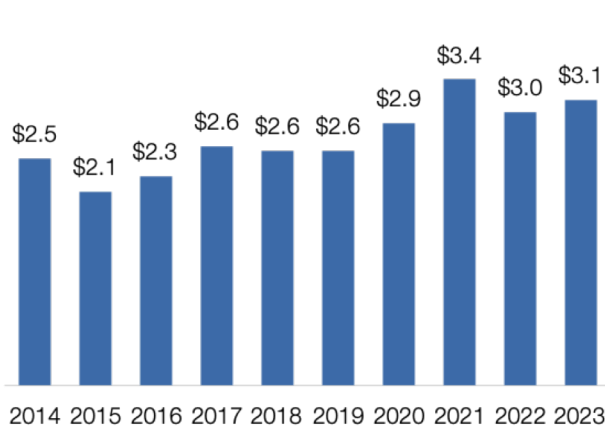


# Pennsylvania's Exports to China

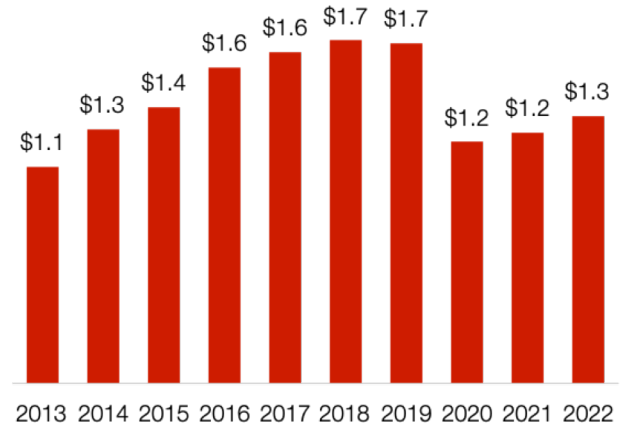
Pennsylvania's goods and services exports to China supported **24,020** American jobs in 2022.

## Goods (\$ billion)



Growth (2022-2023): +4% ↑

## Services (\$ billion)



Growth (2021-2022): +7% ↑

### Top Goods Export Markets, 2023

|                |               |
|----------------|---------------|
| 1. Canada      | \$14 billion  |
| 2. Mexico      | \$5.4 billion |
| 3. Netherlands | \$3.2 billion |
| 4. China       | \$3.1 billion |
| 5. Japan       | \$2.3 billion |

### Top Goods Exports to China, 2023

|                                     |               |
|-------------------------------------|---------------|
| 1. Nonferrous metal products        | \$477 million |
| 2. Pharmaceuticals & medicines      | \$227 million |
| 3. Oil & gas                        | \$169 million |
| 4. Coal & petroleum gases           | \$164 million |
| 5. Navigational & meas. instruments | \$150 million |

### Top Services Export Markets, 2022

|                   |               |
|-------------------|---------------|
| 1. U.K. Caribbean | \$2.4 billion |
| 2. Ireland        | \$2.2 billion |
| 3. United Kingdom | \$2.1 billion |
| 4. Canada         | \$1.7 billion |
| 6. China          | \$1.3 billion |

### Top Services Exports to China, 2022

|  |               |
|--|---------------|
| 1. Education                           | \$663 million |
| 2. Royalties from industrial processes | \$161 million |
| 3. Misc. personal & recreational       | \$64 million  |
| 4. Trademark royalties                 | \$45 million  |
| 5. Legal services                      | \$42 million  |

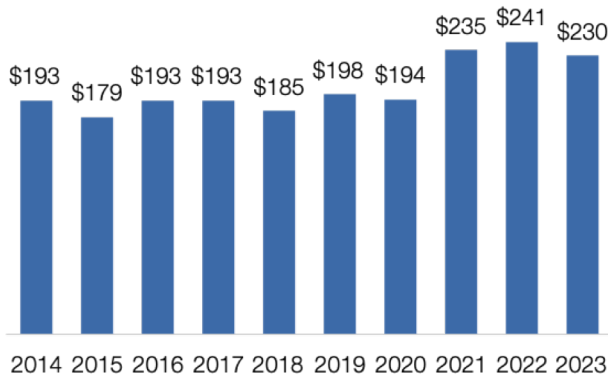
**6%** of Pennsylvania's global goods exports went to China in 2023

**5%** of Pennsylvania's global services exports went to China in 2022

# Pennsylvania's 1<sup>st</sup> District Exports to China

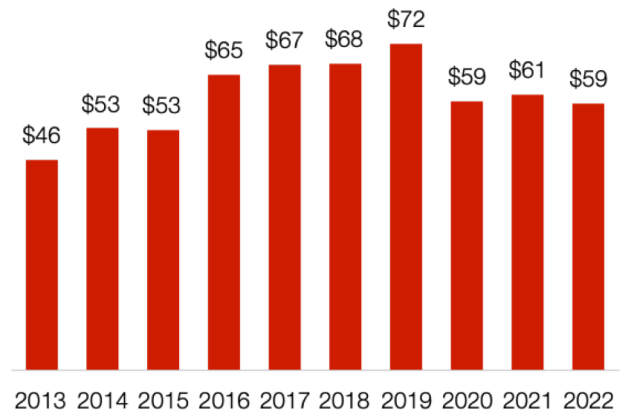
Pennsylvania's 1<sup>st</sup> District goods and services exports to China supported **1,180** American jobs in 2022.

## Goods (\$ million)



Change (2022-2023): **-5%** ↓

## Services (\$ million)



Change (2021-2022): **-3%** ↓

### Top Goods Export Markets, 2023

|                   |               |
|-------------------|---------------|
| 1. Canada         | \$1.1 billion |
| 2. Mexico         | \$428 million |
| 3. Netherlands    | \$299 million |
| 4. China          | \$230 million |
| 5. United Kingdom | \$196 million |

### Top Goods Exports to China, 2023

|  |              |
|--|--------------|
| 1. Soaps, cleaning agents & toiletries | \$43 million |
| 2. Pharmaceuticals & medicines         | \$30 million |
| 3. Computer equipment                  | \$27 million |
| 4. Navigational & meas. instruments    | \$18 million |
| 5. Basic chemicals                     | \$15 million |

**5%** of PA-1 global goods exports went to China in 2023

### Top Services Export Markets, 2022

|                |               |
|----------------|---------------|
| 1. Ireland     | \$226 million |
| 2. Switzerland | \$174 million |
| 3. Canada      | \$112 million |
| 4. Singapore   | \$106 million |
| 8. China       | \$59 million  |

### Top Services Exports to China, 2022

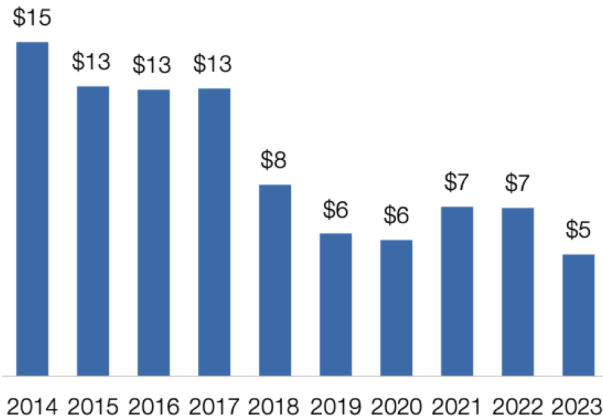
|   |               |
|---|---------------|
| 1. Royalties from industrial processes    | \$26 million  |
| 2. Misc. personal & recreational          | \$5.0 million |
| 3. Misc. business, prof. & tech. services | \$3.5 million |
| 4. Equip. installation & maintenance      | \$2.8 million |
| 5. Trademark royalties                    | \$2.6 million |

**4%** of PA-1 global services exports went to China in 2022

# Pennsylvania's 2<sup>nd</sup> District Exports to China

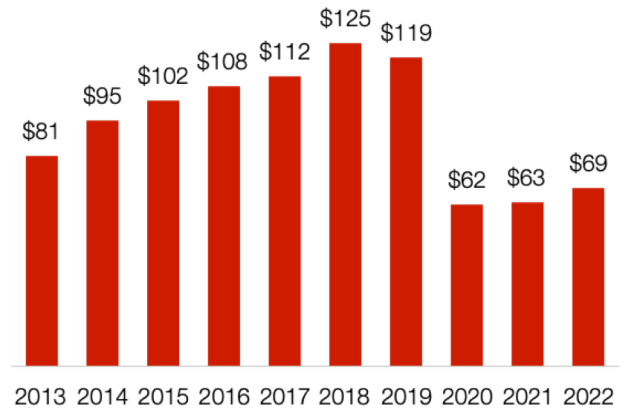
Pennsylvania's 2<sup>nd</sup> District goods and services exports to China supported **600** American jobs in 2022.

## Goods (\$ million)



Change (2022-2023): **-27%** ↓

## Services (\$ million)



Growth (2021-2022): **+9%** ↑

### Top Goods Export Markets, 2023

|                |               |
|----------------|---------------|
| 1. Canada      | \$47 million  |
| 2. Mexico      | \$14 million  |
| 3. Netherlands | \$12 million  |
| 4. Germany     | \$8.6 million |
| 9. China       | \$5.4 million |

### Top Goods Exports to China, 2023

|                                |               |
|--------------------------------|---------------|
| 1. Pharmaceuticals & medicines | \$1.2 million |
| 2. Scrap products              | \$1.2 million |
| 3. Meat products               | \$1.0 million |
| 4. Coal & petroleum gases      | \$474,000     |
| 5. Electric lighting equipment | \$173,000     |

**3%** of PA-2 global goods exports went to China in 2023

### Top Services Export Markets, 2022

|                   |               |
|-------------------|---------------|
| 1. United Kingdom | \$205 million |
| 2. U.K. Caribbean | \$153 million |
| 3. Canada         | \$131 million |
| 4. Germany        | \$130 million |
| 8. China          | \$69 million  |

### Top Services Exports to China, 2022

|                                  |               |
|----------------------------------|---------------|
| 1. Education                     | \$31 million  |
| 2. Legal services                | \$7.0 million |
| 3. Misc. personal & recreational | \$5.2 million |
| 4. Personal travel & tourism     | \$2.5 million |
| 5. Trademark royalties           | \$2.5 million |

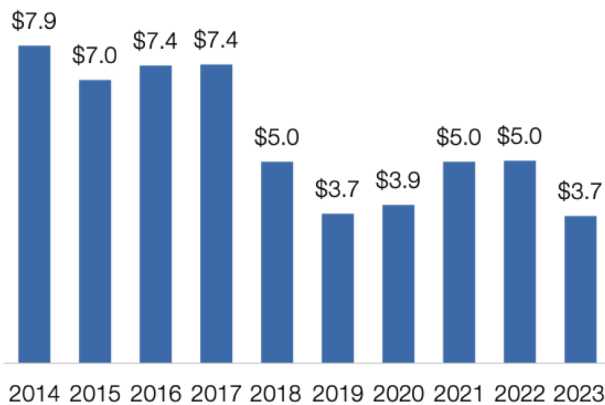
**4%** of PA-2 global services exports went to China in 2022



# Pennsylvania's 3<sup>rd</sup> District Exports to China

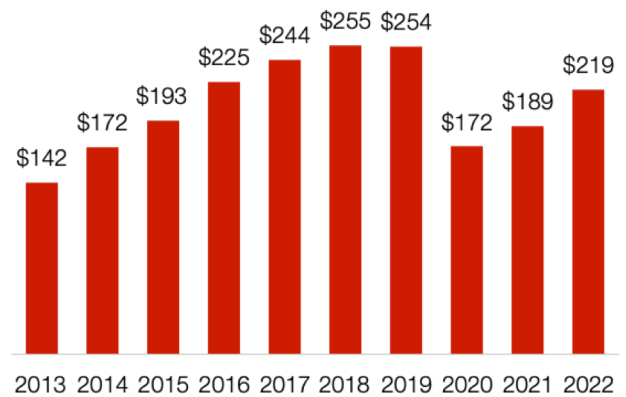
Pennsylvania's 3<sup>rd</sup> District goods and services exports to China supported **2,330** American jobs in 2022.

## Goods (\$ million)



Change (2022-2023): **-27%** ↓

## Services (\$ million)



Growth (2021-2022): **+16%** ↑

### Top Goods Export Markets, 2023

|                |               |
|----------------|---------------|
| 1. Canada      | \$29 million  |
| 2. Mexico      | \$8.6 million |
| 3. Netherlands | \$5.1 million |
| 4. India       | \$5.1 million |
| 9. China       | \$3.7 million |

### Top Goods Exports to China, 2023

|                                |           |
|--------------------------------|-----------|
| 1. Meat products               | \$922,000 |
| 2. Scrap products              | \$765,000 |
| 3. Coal & petroleum gases      | \$506,000 |
| 4. Pharmaceuticals & medicines | \$435,000 |
| 5. Resins & synthetic fibers   | \$212,000 |

**4%** of PA-3 global goods exports went to China in 2023

### Top Services Export Markets, 2022

|                   |               |
|-------------------|---------------|
| 1. U.K. Caribbean | \$222 million |
| 2. China          | \$219 million |
| 3. United Kingdom | \$170 million |
| 4. Canada         | \$156 million |
| 5. India          | \$133 million |

### Top Services Exports to China, 2022

|                                  |               |
|----------------------------------|---------------|
| 1. Education                     | \$181 million |
| 2. Legal services                | \$9.1 million |
| 3. Business mgmt. & consulting   | \$3.6 million |
| 4. Misc. personal & recreational | \$3.4 million |
| 5. Trademark royalties           | \$2.8 million |

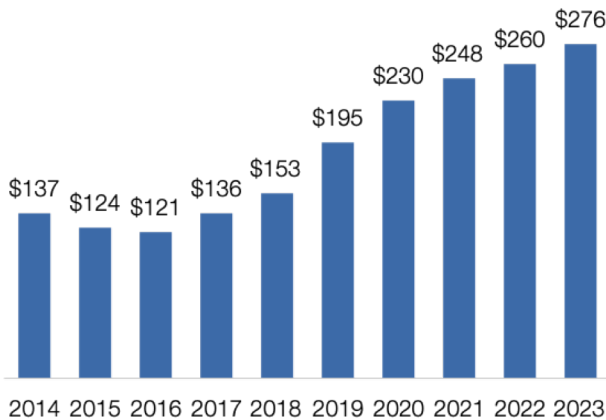
**10%** of PA-3 global services exports went to China in 2022



# Pennsylvania's 4<sup>th</sup> District Exports to China

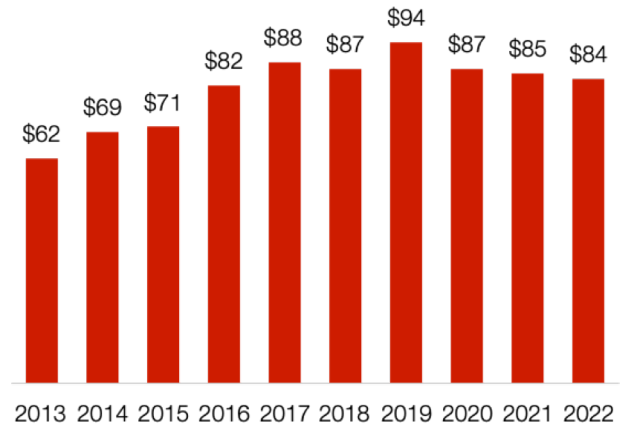
Pennsylvania's 4<sup>th</sup> District goods and services exports to China supported **1,380** American jobs in 2022.

## Goods (\$ million)



Growth (2022-2023): **+6%** ↑

## Services (\$ million)



Change (2021-2022): **-2%** ↓

### Top Goods Export Markets, 2023

|                   |               |
|-------------------|---------------|
| 1. Canada         | \$1.1 billion |
| 2. Netherlands    | \$811 million |
| 3. United Kingdom | \$391 million |
| 4. France         | \$351 million |
| 8. China          | \$276 million |

### Top Goods Exports to China, 2023

|                                     |               |
|-------------------------------------|---------------|
| 1. Pharmaceuticals & medicines      | \$101 million |
| 2. Nonferrous metal products        | \$43 million  |
| 3. Computer equipment               | \$26 million  |
| 4. Navigational & meas. instruments | \$19 million  |
| 5. Meat products                    | \$11 million  |

**5%** of PA-4 global goods exports went to China in 2023

### Top Services Export Markets, 2022

|                   |               |
|-------------------|---------------|
| 1. Ireland        | \$446 million |
| 2. U.K. Caribbean | \$408 million |
| 3. Switzerland    | \$305 million |
| 4. Singapore      | \$235 million |
| 10. China         | \$84 million  |

### Top Services Exports to China, 2022

|   |               |
|---|---------------|
| 1. Royalties from industrial processes    | \$31 million  |
| 2. Misc. business, prof. & tech. services | \$5.3 million |
| 3. Education                              | \$4.7 million |
| 4. Financial mgmt. & advisory services    | \$4.7 million |
| 5. Computer software services             | \$4.5 million |

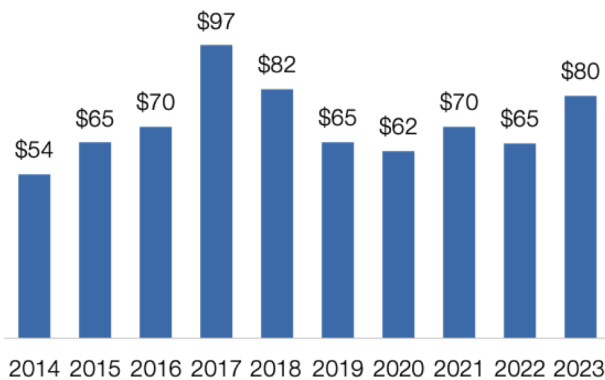
**3%** of PA-4 global services exports went to China in 2022



# Pennsylvania's 5<sup>th</sup> District Exports to China

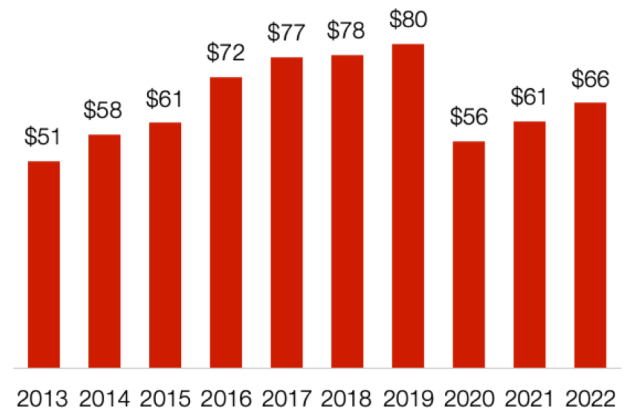
Pennsylvania's 5<sup>th</sup> District goods and services exports to China supported **650** American jobs in 2022.

## Goods (\$ million)



Growth (2022-2023): **+24%** ↑

## Services (\$ million)



Growth (2021-2022): **+7%** ↑

### Top Goods Export Markets, 2023

|                |               |
|----------------|---------------|
| 1. Canada      | \$377 million |
| 2. Netherlands | \$208 million |
| 3. Mexico      | \$166 million |
| 4. Japan       | \$137 million |
| 11. China      | \$80 million  |

### Top Goods Exports to China, 2023

|                                |               |
|--------------------------------|---------------|
| 1. Pharmaceuticals & medicines | \$23 million  |
| 2. Coal & petroleum gases      | \$17 million  |
| 3. Basic chemicals             | \$7.2 million |
| 4. Aerospace products & parts  | \$6.1 million |
| 5. Resins & synthetic fibers   | \$5.6 million |

**4%** of PA-5 global goods exports went to China in 2023

### Top Services Export Markets, 2022

|                   |               |
|-------------------|---------------|
| 1. United Kingdom | \$246 million |
| 2. U.K. Caribbean | \$242 million |
| 3. Switzerland    | \$195 million |
| 4. Ireland        | \$155 million |
| 10. China         | \$66 million  |

### Top Services Exports to China, 2022

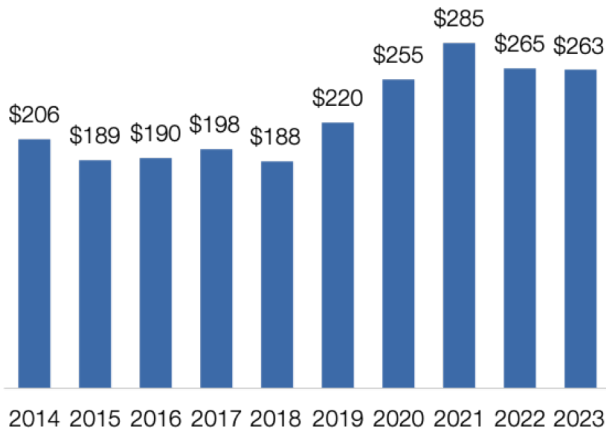
|   |               |
|---|---------------|
| 1. Education                              | \$24 million  |
| 2. Royalties from industrial processes    | \$8.8 million |
| 3. Misc. personal & recreational          | \$4.7 million |
| 4. Misc. business, prof. & tech. services | \$3.2 million |
| 5. Air freight & port services            | \$3.0 million |

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

# Pennsylvania's 6<sup>th</sup> District Exports to China

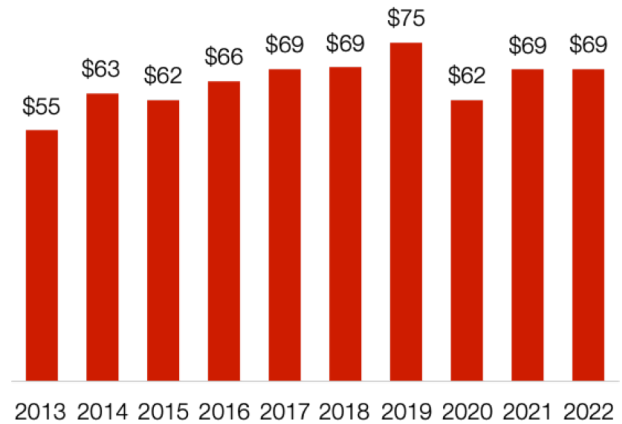
Pennsylvania's 6<sup>th</sup> District goods and services exports to China supported **1,450** American jobs in 2022.

## Goods (\$ million)



Change (2022-2023): **-1%** ↓

## Services (\$ million)



Growth (2021-2022): **0%**

### Top Goods Export Markets, 2023

|                |               |
|----------------|---------------|
| 1. Canada      | \$1.3 billion |
| 2. Mexico      | \$517 million |
| 3. China       | \$263 million |
| 4. Netherlands | \$208 million |
| 5. Germany     | \$182 million |

### Top Services Export Markets, 2022

|                   |               |
|-------------------|---------------|
| 1. U.K. Caribbean | \$1.0 billion |
| 2. Ireland        | \$292 million |
| 3. United Kingdom | \$234 million |
| 4. Canada         | \$164 million |
| 11. China         | \$69 million  |

### Top Goods Exports to China, 2023

|                                      |              |
|--------------------------------------|--------------|
| 1. Nonferrous metal products         | \$74 million |
| 2. Electrical equipment & components | \$30 million |
| 3. Computer equipment                | \$27 million |
| 4. Pharmaceuticals & medicines       | \$16 million |
| 5. Medical equipment & supplies      | \$15 million |

### Top Services Exports to China, 2022

|  |               |
|--|---------------|
| 1. Royalties from industrial processes | \$14 million  |
| 2. Financial mgmt. & advisory services | \$13 million  |
| 3. Education                           | \$6.5 million |
| 4. Software distribution royalties     | \$5.0 million |
| 5. Misc. personal & recreational       | \$4.7 million |

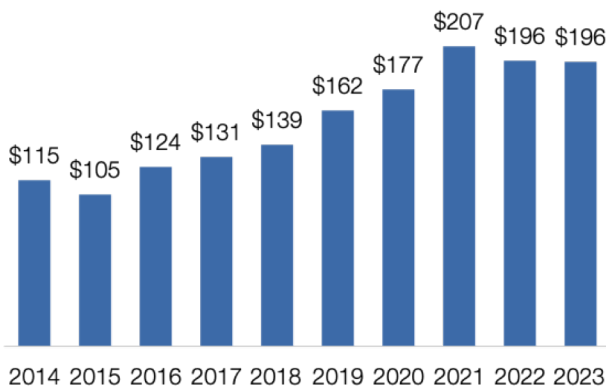
**6%** of PA-6 global goods exports went to China in 2023

**2%** of PA-6 global services exports went to China in 2022

# Pennsylvania's 7<sup>th</sup> District Exports to China

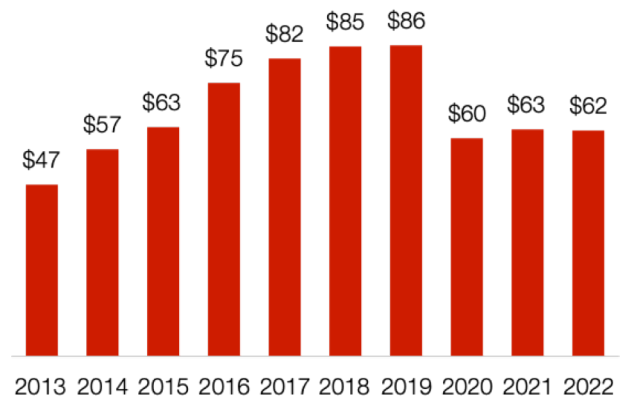
Pennsylvania's 7<sup>th</sup> District goods and services exports to China supported **1,210** American jobs in 2022.

## Goods (\$ million)



Change (2022-2023): 0%

## Services (\$ million)



Change (2021-2022): 0%

### Top Goods Export Markets, 2023

|                   |               |
|-------------------|---------------|
| 1. Canada         | \$816 million |
| 2. Mexico         | \$491 million |
| 3. China          | \$196 million |
| 4. United Kingdom | \$166 million |
| 5. Netherlands    | \$165 million |

### Top Services Export Markets, 2022

|                   |              |
|-------------------|--------------|
| 1. Ireland        | \$93 million |
| 2. Switzerland    | \$90 million |
| 3. Canada         | \$69 million |
| 4. China          | \$62 million |
| 5. United Kingdom | \$61 million |

### Top Goods Exports to China, 2023

|                                 |              |
|---------------------------------|--------------|
| 1. Nonferrous metal products    | \$33 million |
| 2. Electrical equipment         | \$29 million |
| 3. Basic chemicals              | \$17 million |
| 4. Medical equipment & supplies | \$14 million |
| 5. Pharmaceuticals & medicines  | \$13 million |

### Top Services Exports to China, 2022

|   |               |
|---|---------------|
| 1. Education                              | \$26 million  |
| 2. Royalties from industrial processes    | \$15 million  |
| 3. Misc. personal & recreational          | \$5.5 million |
| 4. Misc. business, prof. & tech. services | \$3.6 million |
| 5. Trademark royalties                    | \$2.6 million |

**6%** of PA-7 global goods exports went to China in 2023

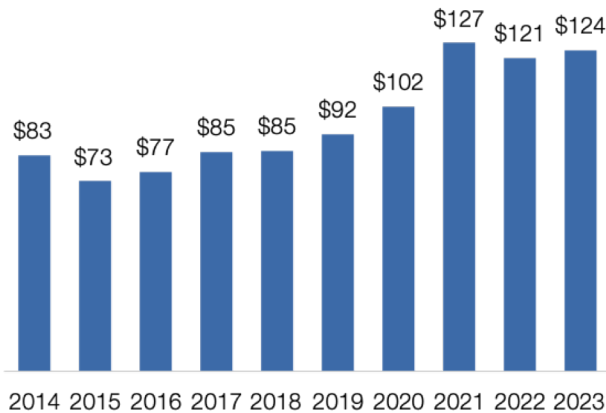
**7%** of PA-7 global services exports went to China in 2022



# Pennsylvania's 8<sup>th</sup> District Exports to China

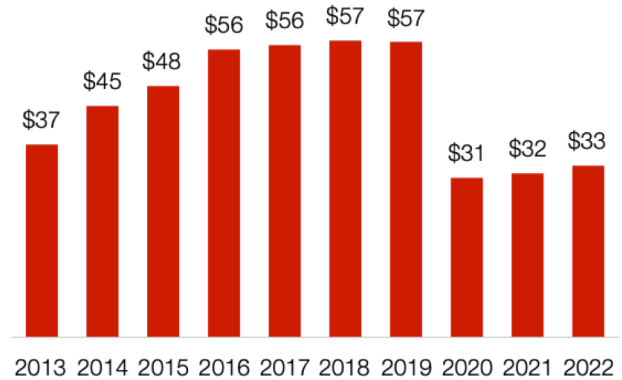
Pennsylvania's 8<sup>th</sup> District goods and services exports to China supported **680** American jobs in 2022.

## Goods (\$ million)



Growth (2022-2023): +2% ↑

## Services (\$ million)



Growth (2021-2022): +5% ↑

### Top Goods Export Markets, 2023

|                |               |
|----------------|---------------|
| 1. Canada      | \$651 million |
| 2. Mexico      | \$266 million |
| 3. Netherlands | \$226 million |
| 4. China       | \$124 million |
| 5. Japan       | \$121 million |

### Top Goods Exports to China, 2023

|  |               |
|--|---------------|
| 1. Pharmaceuticals & medicines         | \$20 million  |
| 2. Soaps, cleaning agents & toiletries | \$19 million  |
| 3. Medical equipment & supplies        | \$12 million  |
| 4. Resins & synthetic fibers           | \$10 million  |
| 5. Nonferrous metal products           | \$7.4 million |

**5%** of PA-8 global goods exports went to China in 2023

### Top Services Export Markets, 2022

|                   |              |
|-------------------|--------------|
| 1. United Kingdom | \$67 million |
| 2. Canada         | \$62 million |
| 3. Ireland        | \$59 million |
| 4. Switzerland    | \$56 million |
| 6. China          | \$33 million |

### Top Services Exports to China, 2022

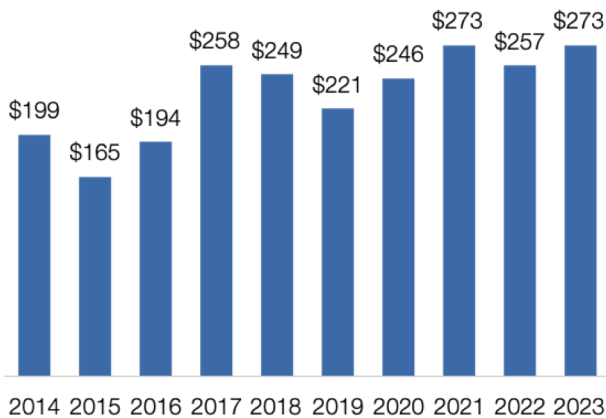
|   |               |
|---|---------------|
| 1. Royalties from industrial processes    | \$8.3 million |
| 2. Education                              | \$7.0 million |
| 3. Misc. business, prof. & tech. services | \$2.7 million |
| 4. Personal travel & tourism              | \$2.7 million |
| 5. Trademark royalties                    | \$2.2 million |

**4%** of PA-8 global services exports went to China in 2022

# Pennsylvania's 9<sup>th</sup> District Exports to China

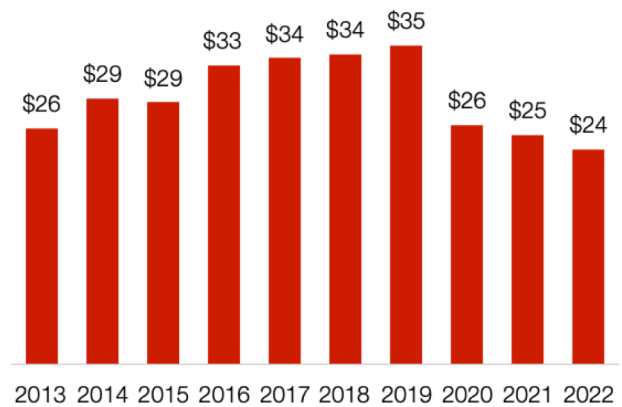
Pennsylvania's 9<sup>th</sup> District goods and services exports to China supported **1,410** American jobs in 2022.

## Goods (\$ million)



Growth (2022-2023): **+7%** ↑

## Services (\$ million)



Change (2021-2022): **-6%** ↓

### Top Goods Export Markets, 2023

|                |               |
|----------------|---------------|
| 1. Canada      | \$1.0 billion |
| 2. Mexico      | \$398 million |
| 3. China       | \$273 million |
| 4. India       | \$225 million |
| 5. Netherlands | \$203 million |

### Top Goods Exports to China, 2023

|                              |              |
|------------------------------|--------------|
| 1. Nonferrous metal products | \$44 million |
| 2. Coal & petroleum gases    | \$32 million |
| 3. Sawmill & wood products   | \$30 million |
| 4. Meat products             | \$18 million |
| 5. Oilseeds & grains         | \$17 million |

**7%** of PA-9 global goods exports went to China in 2023

### Top Services Export Markets, 2022

|                   |              |
|-------------------|--------------|
| 1. Ireland        | \$56 million |
| 2. Switzerland    | \$52 million |
| 3. Canada         | \$42 million |
| 4. United Kingdom | \$40 million |
| 7. China          | \$24 million |

### Top Services Exports to China, 2022

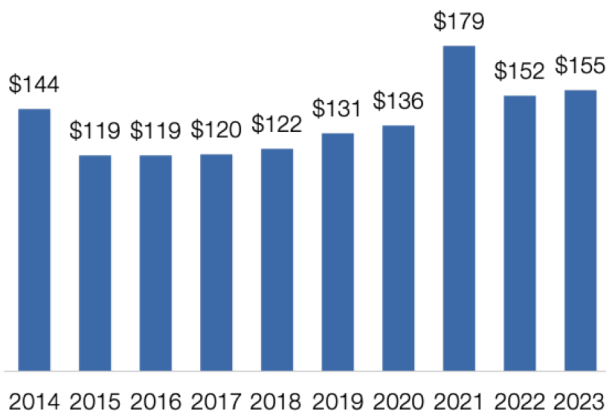
|   |               |
|---|---------------|
| 1. Royalties from industrial processes    | \$9.5 million |
| 2. Equip. installation & maintenance      | \$3.0 million |
| 3. Trademark royalties                    | \$1.9 million |
| 4. Misc. business, prof. & tech. services | \$1.5 million |
| 5. Misc. personal & recreational          | \$1.4 million |

**4%** of PA-9 global services exports went to China in 2022

# Pennsylvania's 10<sup>th</sup> District Exports to China

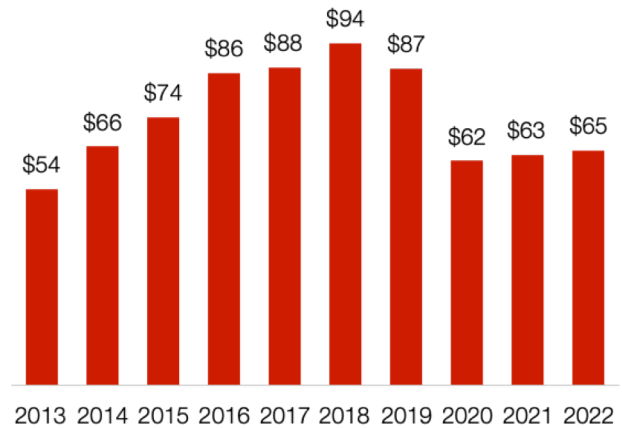
Pennsylvania's 10<sup>th</sup> District goods and services exports to China supported **1,090** American jobs in 2022.

## Goods (\$ million)



Growth (2022-2023): +2% ↑

## Services (\$ million)



Growth (2021-2022): +2% ↑

### Top Goods Export Markets, 2023

|                   |               |
|-------------------|---------------|
| 1. Canada         | \$1.3 billion |
| 2. Mexico         | \$357 million |
| 3. China          | \$155 million |
| 4. Germany        | \$116 million |
| 5. United Kingdom | \$107 million |

### Top Goods Exports to China, 2023

|                                      |               |
|--------------------------------------|---------------|
| 1. Semiconductors & components       | \$19 million  |
| 2. Computer equipment                | \$15 million  |
| 3. Electrical equipment & components | \$13 million  |
| 4. Medical equipment & supplies      | \$12 million  |
| 5. Misc. general purpose machinery   | \$8.2 million |

**5%** of PA-10 global goods exports went to China in 2023

### Top Services Export Markets, 2022

|                   |               |
|-------------------|---------------|
| 1. Canada         | \$123 million |
| 2. United Kingdom | \$121 million |
| 3. Ireland        | \$78 million  |
| 4. Mexico         | \$70 million  |
| 6. China          | \$65 million  |

### Top Services Exports to China, 2022

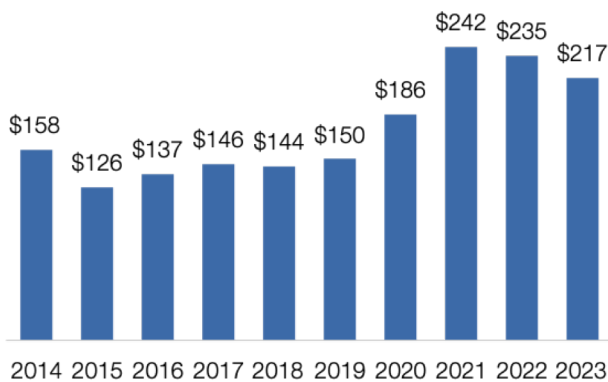
|   |               |
|---|---------------|
| 1. Education                              | \$20 million  |
| 2. Royalties from industrial processes    | \$6.9 million |
| 3. Misc. personal & recreational          | \$6.5 million |
| 4. Equip. installation & maintenance      | \$5.1 million |
| 5. Misc. business, prof. & tech. services | \$4.1 million |

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

# Pennsylvania's 11<sup>th</sup> District Exports to China

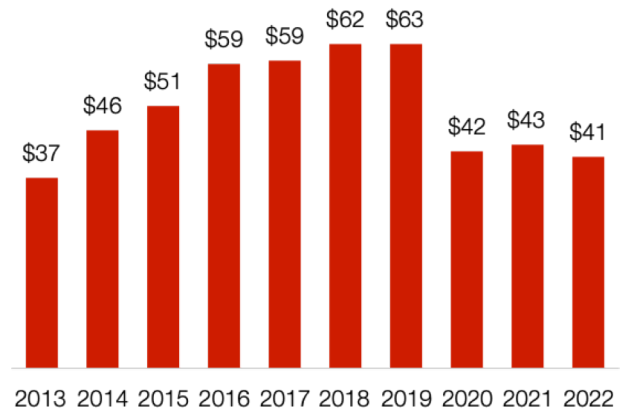
Pennsylvania's 11<sup>th</sup> District goods and services exports to China supported **1,320** American jobs in 2022.

## Goods (\$ million)



Change (2022-2023): **-8%** ↓

## Services (\$ million)



Change (2021-2022): **-5%** ↓

### Top Goods Export Markets, 2023

|                   |               |
|-------------------|---------------|
| 1. Canada         | \$1.2 billion |
| 2. Mexico         | \$369 million |
| 3. China          | \$217 million |
| 4. United Kingdom | \$112 million |
| 5. Germany        | \$108 million |

### Top Services Export Markets, 2022

|                   |              |
|-------------------|--------------|
| 1. Canada         | \$68 million |
| 2. United Kingdom | \$58 million |
| 3. Ireland        | \$57 million |
| 4. Mexico         | \$49 million |
| 6. China          | \$41 million |

### Top Goods Exports to China, 2023

|  |               |
|--|---------------|
| 1. Nonferrous metal products           | \$53 million  |
| 2. Oilseeds & grains                   | \$23 million  |
| 3. Soaps, cleaning agents & toiletries | \$20 million  |
| 4. Semiconductors & components         | \$11 million  |
| 5. Meat products                       | \$9.6 million |

### Top Services Exports to China, 2022

|  |               |
|--|---------------|
| 1. Education                           | \$9.6 million |
| 2. Royalties from industrial processes | \$7.8 million |
| 3. Equip. installation & maintenance   | \$7.0 million |
| 4. Arch., eng. & other tech. services  | \$2.4 million |
| 5. Trademark royalties                 | \$2.3 million |

**7%** of PA-11 global goods exports went to China in 2023

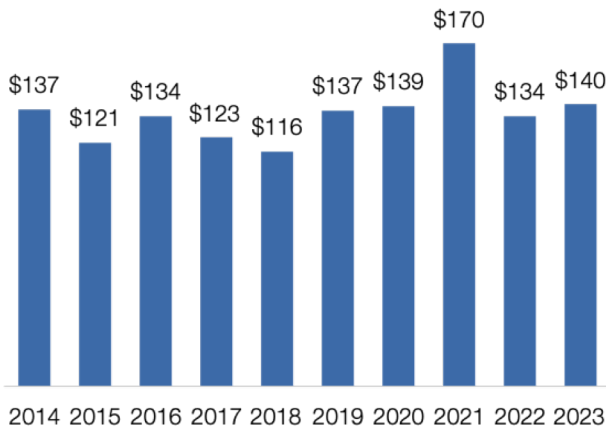
**5%** of PA-11 global services exports went to China in 2022



# Pennsylvania's 12<sup>th</sup> District Exports to China

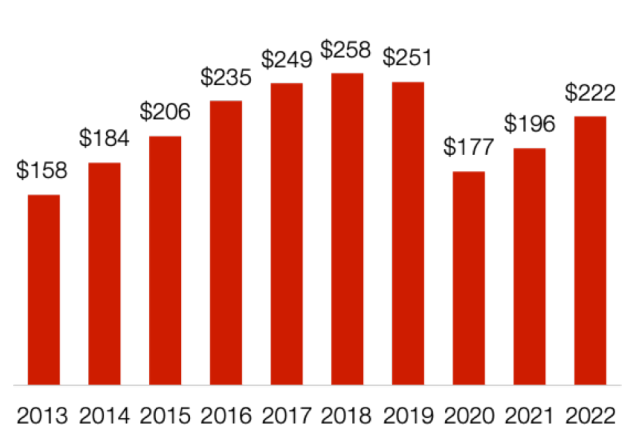
Pennsylvania's 12<sup>th</sup> District goods and services exports to China supported **2,870** American jobs in 2022.

## Goods (\$ million)



Growth (2022-2023): +4% ↑

## Services (\$ million)



Growth (2021-2022): +13% ↑

### Top Goods Export Markets, 2023

|                |               |
|----------------|---------------|
| 1. Canada      | \$687 million |
| 2. Mexico      | \$311 million |
| 3. China       | \$140 million |
| 4. Netherlands | \$117 million |
| 5. Germany     | \$94 million  |

### Top Services Export Markets, 2022

|                   |               |
|-------------------|---------------|
| 1. China          | \$222 million |
| 2. United Kingdom | \$195 million |
| 3. Canada         | \$171 million |
| 4. Ireland        | \$151 million |
| 5. India          | \$134 million |

### Top Goods Exports to China, 2023

|                                     |              |
|-------------------------------------|--------------|
| 1. Electrical equipment             | \$29 million |
| 2. Oil & gas                        | \$20 million |
| 3. Navigational & meas. instruments | \$19 million |
| 4. Misc. general purpose machinery  | \$16 million |
| 5. Iron, steel & ferroalloys        | \$13 million |

### Top Services Exports to China, 2022

|  |               |
|--|---------------|
| 1. Education                           | \$169 million |
| 2. Legal services                      | \$9.2 million |
| 3. Misc. personal & recreational       | \$6.1 million |
| 4. Royalties from industrial processes | \$3.8 million |
| 5. Trademark royalties                 | \$3.7 million |

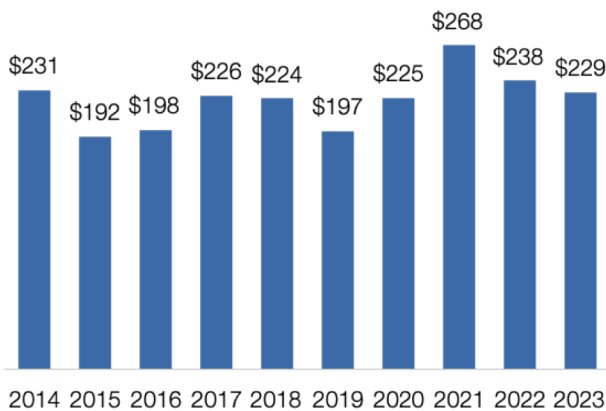
**6%** of PA-12 global goods exports went to China in 2023

**10%** of PA-12 global services exports went to China in 2022

# Pennsylvania's 13<sup>th</sup> District Exports to China

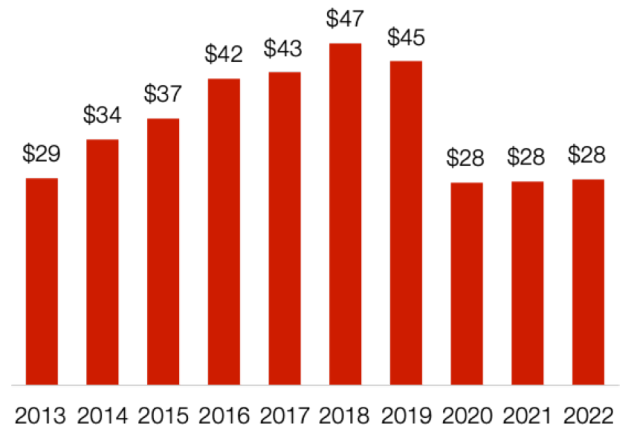
Pennsylvania's 13<sup>th</sup> District goods and services exports to China supported **1,430** American jobs in 2022.

## Goods (\$ million)



Change (2022-2023): **-4%** ↓

## Services (\$ million)



Growth (2021-2022): **+1%** ↑

### Top Goods Export Markets, 2023

|                |               |
|----------------|---------------|
| 1. Canada      | \$1.2 billion |
| 2. Mexico      | \$324 million |
| 3. China       | \$229 million |
| 4. Germany     | \$105 million |
| 5. Netherlands | \$100 million |

### Top Goods Exports to China, 2023

|                                     |              |
|-------------------------------------|--------------|
| 1. Nonferrous metal products        | \$46 million |
| 2. Sawmill & wood products          | \$33 million |
| 3. Oilseeds & grains                | \$23 million |
| 4. Navigational & meas. instruments | \$14 million |
| 5. Ag. & construction machinery     | \$13 million |

**7%** of PA-13 global goods exports went to China in 2023

### Top Services Export Markets, 2022

|                   |              |
|-------------------|--------------|
| 1. United Kingdom | \$45 million |
| 2. Canada         | \$42 million |
| 3. Ireland        | \$40 million |
| 4. Switzerland    | \$37 million |
| 6. China          | \$28 million |

### Top Services Exports to China, 2022

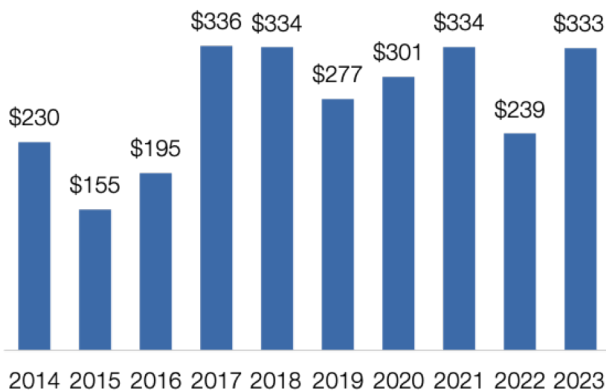
|  |               |
|--|---------------|
| 1. Education                           | \$9.2 million |
| 2. Royalties from industrial processes | \$5.1 million |
| 3. Equip. installation & maintenance   | \$2.5 million |
| 4. Misc. personal & recreational       | \$2.0 million |
| 5. Trademark royalties                 | \$1.8 million |

**5%** of PA-13 global services exports went to China in 2022

# Pennsylvania's 14<sup>th</sup> District Exports to China

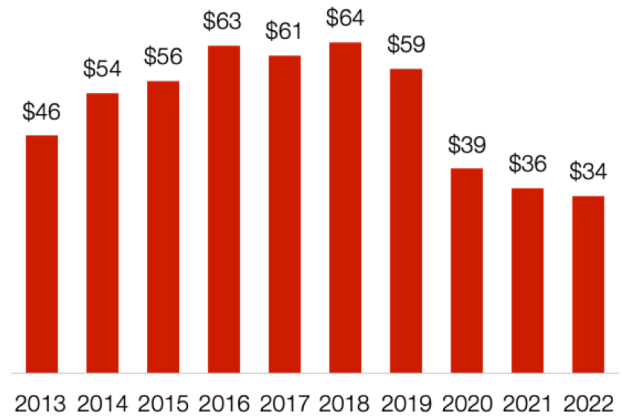
Pennsylvania's 14<sup>th</sup> District goods and services exports to China supported **1,220** American jobs in 2022.

## Goods (\$ million)



Growth (2022-2023): **+40%** ↑

## Services (\$ million)



Change (2021-2022): **-4%** ↓

### Top Goods Export Markets, 2023

|           |               |
|-----------|---------------|
| 1. Canada | \$820 million |
| 2. India  | \$561 million |
| 3. China  | \$333 million |
| 4. Japan  | \$284 million |
| 5. Mexico | \$279 million |

### Top Services Export Markets, 2022

|                   |              |
|-------------------|--------------|
| 1. Canada         | \$56 million |
| 2. United Kingdom | \$52 million |
| 3. Mexico         | \$46 million |
| 4. Ireland        | \$38 million |
| 5. China          | \$34 million |

### Top Goods Exports to China, 2023

|                                     |              |
|-------------------------------------|--------------|
| 1. Nonferrous metal products        | \$93 million |
| 2. Coal & petroleum gases           | \$89 million |
| 3. Oil & gas                        | \$45 million |
| 4. Electrical equipment             | \$16 million |
| 5. Navigational & meas. instruments | \$14 million |

### Top Services Exports to China, 2022

|  |               |
|--|---------------|
| 1. Education                           | \$5.4 million |
| 2. Royalties from industrial processes | \$4.8 million |
| 3. Operational leasing                 | \$4.4 million |
| 4. Equip. installation & maintenance   | \$4.3 million |
| 5. Misc. personal & recreational       | \$3.6 million |

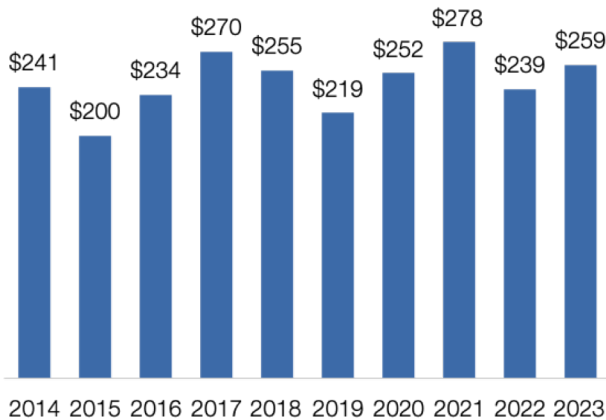
**8%** of PA-14 global goods exports went to China in 2023

**5%** of PA-14 global services exports went to China in 2022

# Pennsylvania's 15<sup>th</sup> District Exports to China

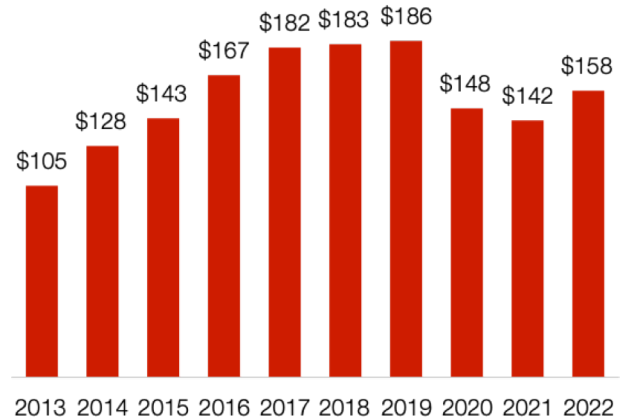
Pennsylvania's 15<sup>th</sup> District goods and services exports to China supported **3,050** American jobs in 2022.

## Goods (\$ million)



Growth (2022-2023): +8% ↑

## Services (\$ million)



Growth (2021-2022): +12% ↑

### Top Goods Export Markets, 2023

|                |               |
|----------------|---------------|
| 1. Canada      | \$848 million |
| 2. Mexico      | \$281 million |
| 3. China       | \$259 million |
| 4. Netherlands | \$196 million |
| 5. Japan       | \$138 million |

### Top Goods Exports to China, 2023

|                                     |              |
|-------------------------------------|--------------|
| 1. Sawmill & wood products          | \$54 million |
| 2. Oil & gas                        | \$34 million |
| 3. Oilseeds & grains                | \$19 million |
| 4. Navigational & meas. instruments | \$18 million |
| 5. Nonferrous metal products        | \$17 million |

**8%** of PA-15 global goods exports went to China in 2023

### Top Services Export Markets, 2022

|                   |               |
|-------------------|---------------|
| 1. China          | \$158 million |
| 2. India          | \$94 million  |
| 3. Canada         | \$55 million  |
| 4. Ireland        | \$49 million  |
| 5. United Kingdom | \$48 million  |

### Top Services Exports to China, 2022

|  |               |
|--|---------------|
| 1. Education                           | \$137 million |
| 2. Royalties from industrial processes | \$6.7 million |
| 3. Equip. installation & maintenance   | \$3.4 million |
| 4. Trademark royalties                 | \$2.0 million |
| 5. Personal travel & tourism           | \$1.3 million |

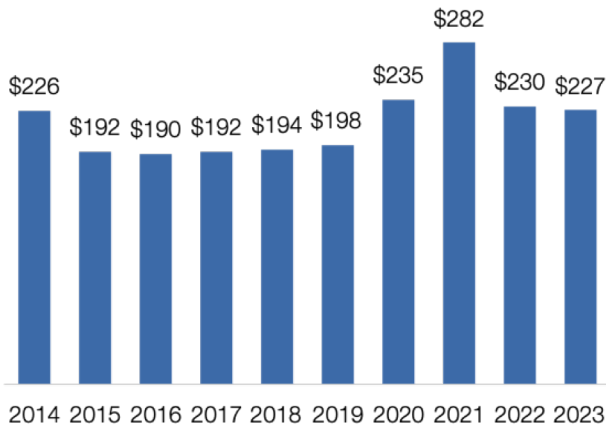
**16%** of PA-15 global services exports went to China in 2022



# Pennsylvania's 16<sup>th</sup> District Exports to China

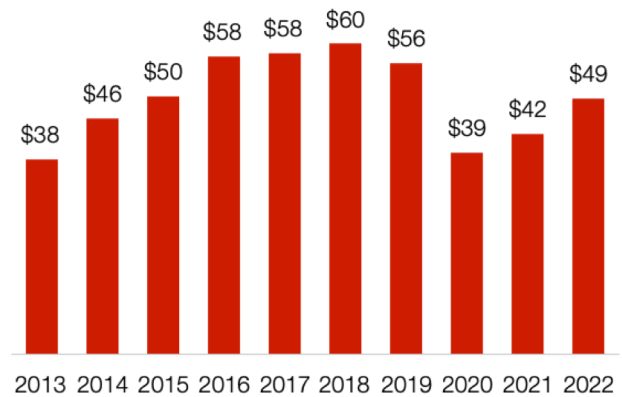
Pennsylvania's 16<sup>th</sup> District goods and services exports to China supported **1,390** American jobs in 2022.

## Goods (\$ million)



Change (2022-2023): **-1%** ↓

## Services (\$ million)



Growth (2021-2022): **+16%** ↑

### Top Goods Export Markets, 2023

|                   |               |
|-------------------|---------------|
| 1. Canada         | \$1.2 billion |
| 2. Mexico         | \$506 million |
| 3. China          | \$227 million |
| 4. Germany        | \$147 million |
| 5. United Kingdom | \$145 million |

### Top Goods Exports to China, 2023

|                                     |              |
|-------------------------------------|--------------|
| 1. Nonferrous metal products        | \$37 million |
| 2. Semiconductors & components      | \$18 million |
| 3. Iron, steel & ferroalloys        | \$16 million |
| 4. Oil & gas                        | \$15 million |
| 5. Navigational & meas. instruments | \$14 million |

**6%** of PA-16 global goods exports went to China in 2023

### Top Services Export Markets, 2022

|                   |              |
|-------------------|--------------|
| 1. United Kingdom | \$63 million |
| 2. Canada         | \$57 million |
| 3. Ireland        | \$55 million |
| 4. Switzerland    | \$51 million |
| 5. China          | \$49 million |

### Top Services Exports to China, 2022

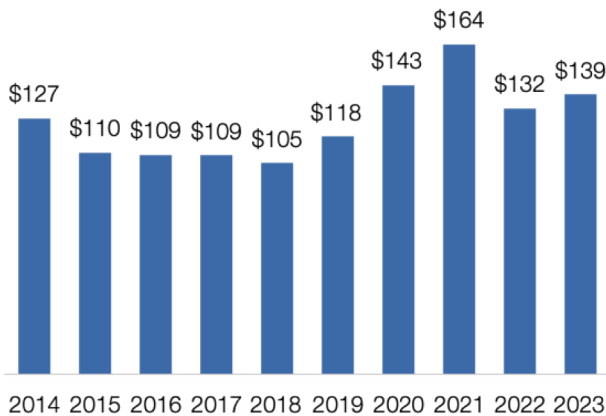
|  |               |
|--|---------------|
| 1. Education                           | \$23 million  |
| 2. Royalties from industrial processes | \$7.4 million |
| 3. Equip. installation & maintenance   | \$3.4 million |
| 4. Misc. personal & recreational       | \$3.3 million |
| 5. Trademark royalties                 | \$2.3 million |

**7%** of PA-16 global services exports went to China in 2022

# Pennsylvania's 17<sup>th</sup> District Exports to China

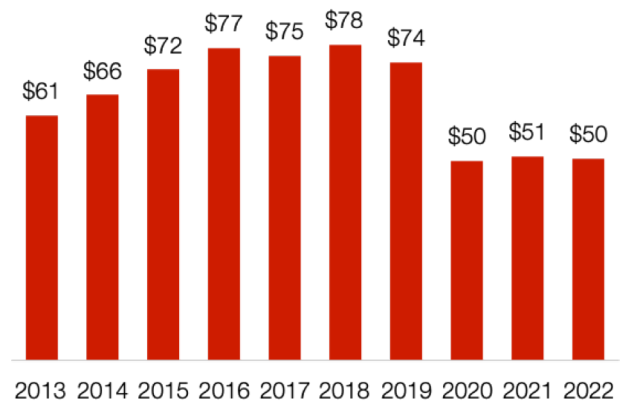
Pennsylvania's 17<sup>th</sup> District goods and services exports to China supported **780** American jobs in 2022.

## Goods (\$ million)



Growth (2022-2023): **+5%** ↑

## Services (\$ million)



Change (2021-2022): **-1%** ↓

### Top Goods Export Markets, 2023

|                |               |
|----------------|---------------|
| 1. Canada      | \$625 million |
| 2. Mexico      | \$359 million |
| 3. China       | \$139 million |
| 4. Netherlands | \$133 million |
| 5. Germany     | \$92 million  |

### Top Services Export Markets, 2022

|                   |               |
|-------------------|---------------|
| 1. United Kingdom | \$143 million |
| 2. Ireland        | \$130 million |
| 3. Canada         | \$126 million |
| 4. Switzerland    | \$83 million  |
| 10. China         | \$50 million  |

### Top Goods Exports to China, 2023

|                                     |              |
|-------------------------------------|--------------|
| 1. Oil & gas                        | \$27 million |
| 2. Nonferrous metal products        | \$18 million |
| 3. Resins & synthetic fibers        | \$16 million |
| 4. Navigational & meas. instruments | \$15 million |
| 5. Electrical equipment             | \$14 million |

### Top Services Exports to China, 2022

|  |               |
|--|---------------|
| 1. Education                           | \$7.1 million |
| 2. Misc. personal & recreational       | \$5.4 million |
| 3. Royalties from industrial processes | \$4.5 million |
| 4. Legal services                      | \$3.4 million |
| 5. Trademark royalties                 | \$3.2 million |

**6%** of PA-17 global goods exports went to China in 2023

**4%** of PA-17 global services exports went to China in 2022