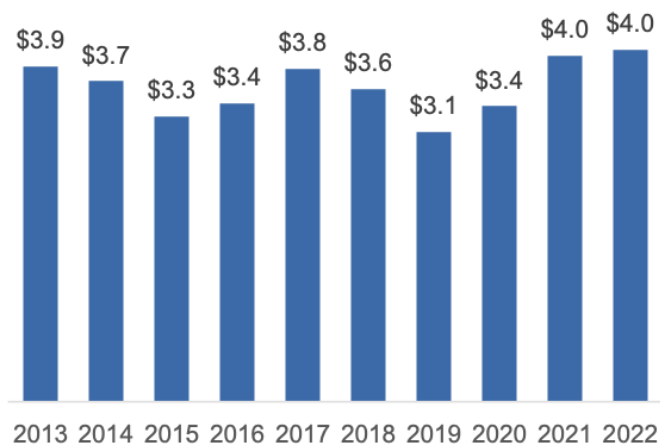


Ohio's Exports to China

Ohio's goods and services exports to China supported 32,750 American jobs in 2021.

Goods (\$ billion)



Growth (2021-2022): 2%

Top Goods Export Markets, 2022

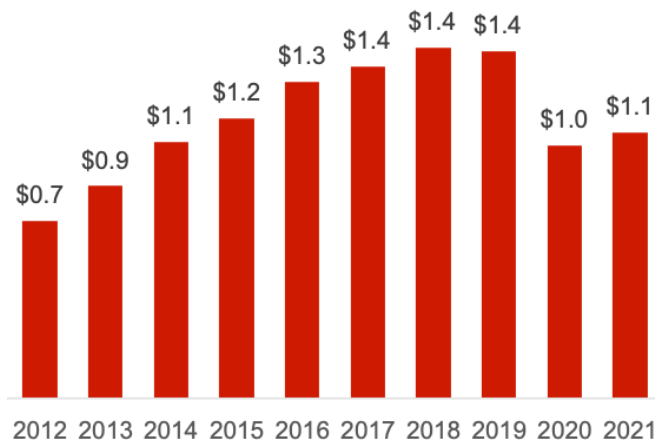
1. Canada	\$19.6 billion
2. Mexico	\$7.4 billion
3. China	\$4.0 billion
4. Japan	\$3.4 billion
5. Brazil	\$2.1 billion

Top Goods Exports to China, 2022

1. Oilseeds & grains	\$1.4 billion
2. Aerospace products & parts	\$559 million
3. Plastics products	\$258 million
4. Misc. fabricated metal products	\$220 million
5. Navigational & meas. instruments	\$168 million

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

Services (\$ billion)



Growth (2020-2021): 5%

Top Services Export Markets, 2021

1. United Kingdom	\$1.8 billion
2. Canada	\$1.7 billion
3. Ireland	\$1.2 billion
4. China	\$1.1 billion
5. Switzerland	\$1.0 billion

Top Services Exports to China, 2021

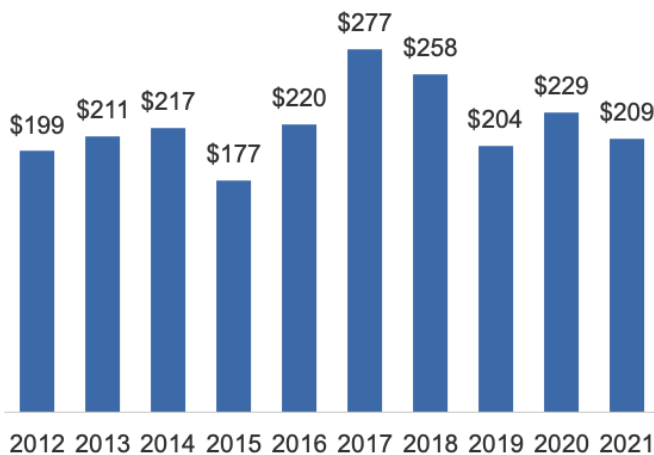
1. Education	\$333 million
2. Royalties from industrial processes	\$145 million
3. Misc. financial services	\$102 million
4. Credit-related services	\$96 million
5. Misc. personal & recreational	\$75 million

6% of Ohio's global services exports went to China in 2021

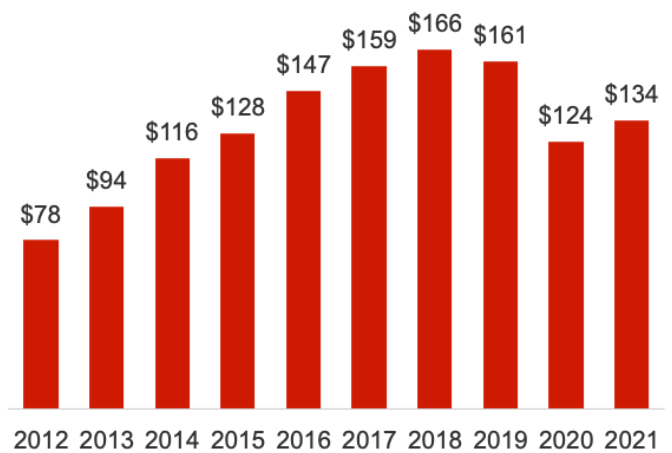
Ohio's 1st District Exports to China

Ohio's 1st District goods and services exports to China supported 1,990 American jobs in 2021.

Goods (\$ million)



Services (\$ million)



Change (2021-2022): -9%

Growth (2020-2021): 8%

Top Goods Export Markets, 2022

1. Canada	\$1.3 billion
2. Japan	\$711 million
3. Mexico	\$547 million
4. Brazil	\$534 million
6. China	\$209 million

Top Services Export Markets, 2021

1. United Kingdom	\$240 million
2. Ireland	\$180 million
3. Canada	\$163 million
4. Switzerland	\$145 million
5. China	\$134 million

Top Goods Exports to China, 2022

1. Aerospace products & parts	\$78 million
2. Soaps, cleaning agents & toiletries	\$25 million
3. Navigational & meas. instruments	\$23 million
4. Basic chemicals	\$21 million
5. Pharmaceuticals & medicines	\$13 million

Top Services Exports to China, 2021

1. Education	\$41 million
2. Royalties from industrial processes	\$21 million
3. Misc. financial services	\$18 million
4. Misc. personal & recreational	\$15 million
5. Trademark royalties	\$6.5 million

4% of OH-1 global goods exports went to China in 2022

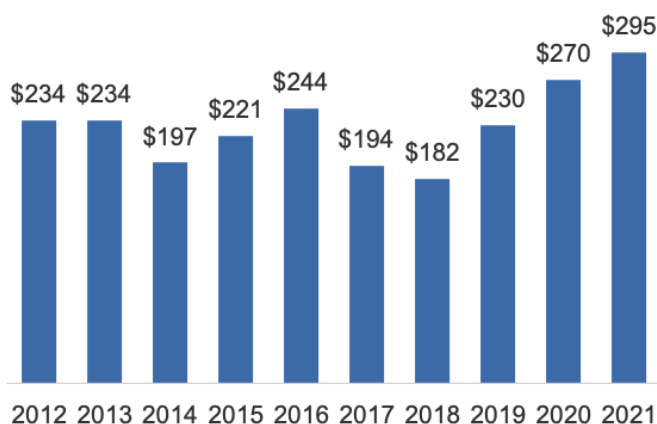
6% of OH-1 global services exports went to China in 2021

Ohio's 2nd District Exports to China

Ohio's 2nd District goods and services exports to China supported 2,110 American jobs in 2021.

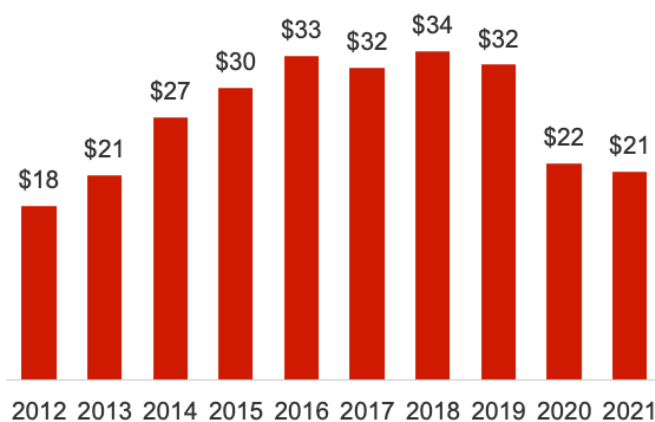
Goods

(\$ million)



Services

(\$ million)



Growth (2021-2022): 9%

Change (2020-2021): -4%

Top Goods Export Markets, 2022

1. Canada	\$818 million
2. Mexico	\$344 million
3. China	\$295 million
4. Japan	\$122 million
5. Brazil	\$66 million

Top Services Export Markets, 2021

1. United Kingdom	\$52 million
2. Canada	\$32 million
3. Ireland	\$30 million
4. Mexico	\$24 million
6. China	\$21 million

Top Goods Exports to China, 2022

1. Oilseeds & grains	\$154 million
2. Resins & synthetic fibers	\$27 million
3. Timber & logs	\$19 million
4. Misc. fabricated metal products	\$17 million
5. Sawmill & wood products	\$11 million

Top Services Exports to China, 2021

1. Misc. financial services	\$4.9 million
2. Royalties from industrial processes	\$3.2 million
3. Trademark royalties	\$2.4 million
4. Equip. installation & maintenance	\$1.8 million
5. Misc. personal & recreational	\$1.7 million

12% of OH-2 global goods exports went to China in 2022

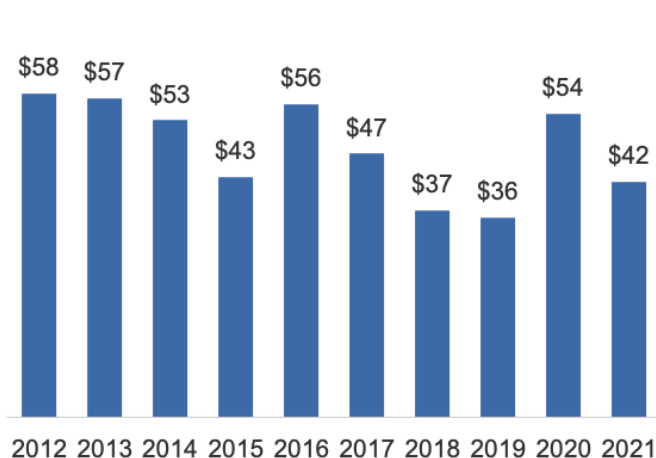
5% of OH-2 global services exports went to China in 2021

Ohio's 3rd District Exports to China

Ohio's 3rd District goods and services exports to China supported 1,630 American jobs in 2021.

Goods

(\$ million)



Change (2021-2022): -22%

Top Goods Export Markets, 2022

1. Japan	\$594 million
2. Canada	\$518 million
3. Netherlands	\$239 million
4. Bangladesh	\$122 million
9. China	\$42 million

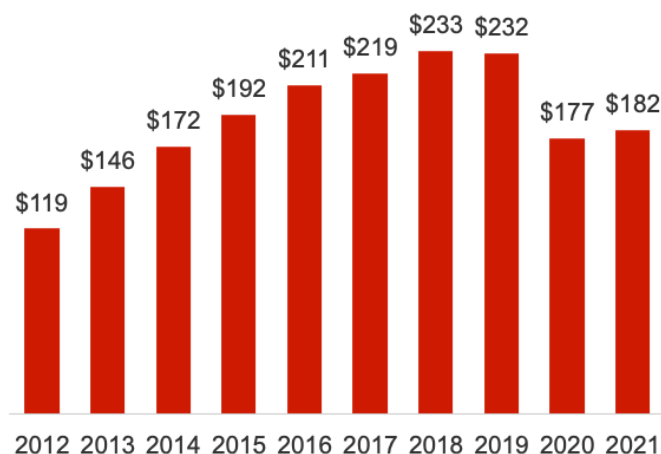
Top Goods Exports to China, 2022

1. Pharmaceuticals & medicines	\$12 million
2. Scrap products	\$7.9 million
3. Misc. manufactured commodities	\$4.1 million
4. Motor vehicle parts	\$3.8 million
5. Navigational & meas. instruments	\$2.3 million

2% of OH-3 global goods exports went to China in 2022

Services

(\$ million)



Growth (2020-2021): 3%

Top Services Export Markets, 2021

1. United Kingdom	\$290 million
2. Canada	\$188 million
3. China	\$182 million
4. Ireland	\$159 million
5. Japan	\$140 million

Top Services Exports to China, 2021

1. Education	\$88 million
2. Credit-related services	\$22 million
3. Misc. financial services	\$21 million
4. Misc. business, prof. & tech. services	\$8.1 million
5. Trademark royalties	\$7.9 million

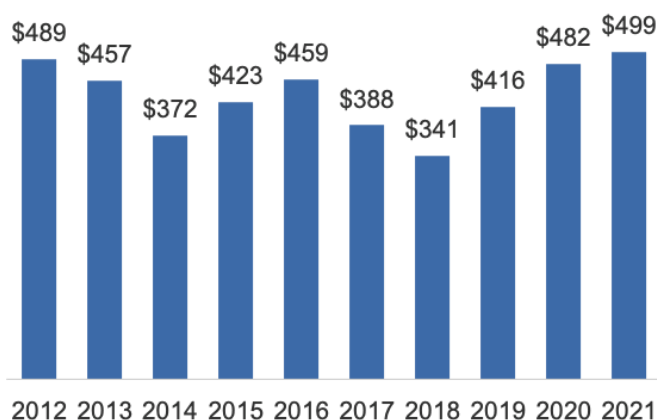
7% of OH-3 global services exports went to China in 2021

Ohio's 4th District Exports to China

Ohio's 4th District goods and services exports to China supported 3,700 American jobs in 2021.

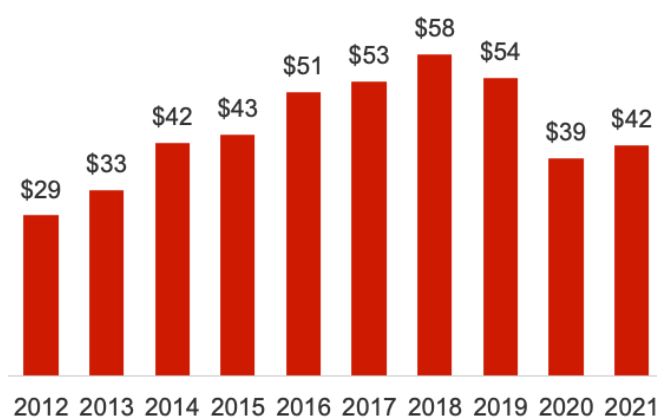
Goods

(\$ million)



Services

(\$ million)



Growth (2021-2022): 3%

Growth (2020-2021): 6%

Top Goods Export Markets, 2022

1. Canada	\$2.7 billion
2. Mexico	\$952 million
3. China	\$499 million
4. Japan	\$298 million
5. Brazil	\$182 million

Top Services Export Markets, 2021

1. Ireland	\$71 million
2. United Kingdom	\$67 million
3. Switzerland	\$67 million
4. Canada	\$50 million
5. China	\$42 million

Top Goods Exports to China, 2022

1. Oilseeds & grains	\$251 million
2. Misc. general purpose machinery	\$30 million
3. Motor vehicle parts	\$30 million
4. Aerospace products & parts	\$26 million
5. Navigational & meas. instruments	\$26 million

Top Services Exports to China, 2021

1. Royalties from industrial processes	\$12 million
2. Misc. personal & recreational	\$6.2 million
3. Misc. financial services	\$4.0 million
4. Trademark royalties	\$3.7 million
5. Misc. business, prof. & tech. services	\$3.6 million

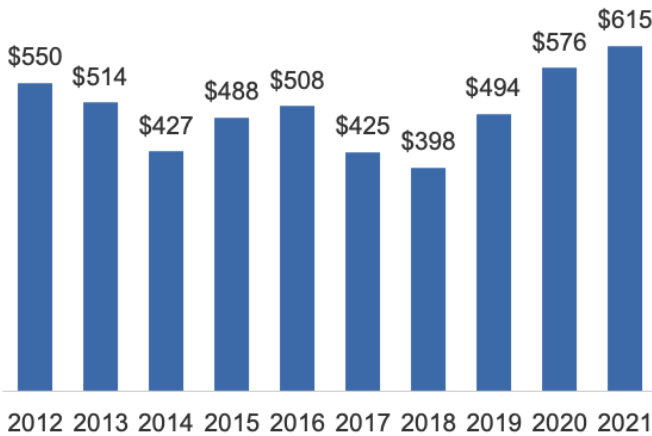
7% of OH-4 global goods exports went to China in 2022

6% of OH-4 global services exports went to China in 2021

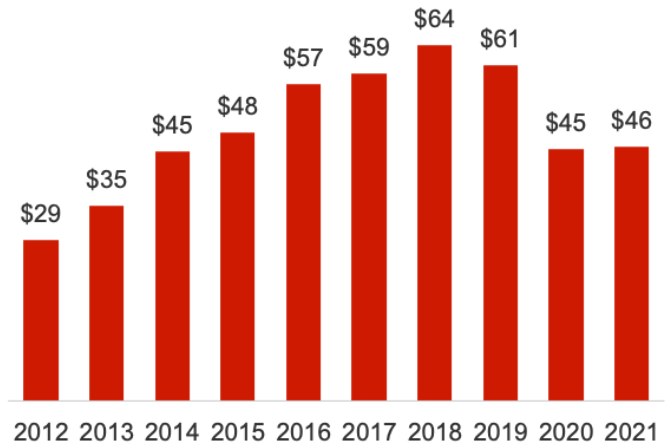
Ohio's 5th District Exports to China

Ohio's 5th District goods and services exports to China supported 4,530 American jobs in 2021.

Goods (\$ million)



Services (\$ million)



Growth (2021-2022): 7%

Growth (2020-2021): 1%

Top Goods Export Markets, 2022

1. Canada	\$2.2 billion
2. Mexico	\$951 million
3. China	\$615 million
4. Japan	\$272 million
5. Brazil	\$241 million

Top Services Export Markets, 2021

1. Switzerland	\$56 million
2. Ireland	\$55 million
3. United Kingdom	\$50 million
4. China	\$46 million
5. Canada	\$33 million

Top Goods Exports to China, 2022

1. Oilseeds & grains	\$336 million
2. Aerospace products & parts	\$47 million
3. Plastics products	\$35 million
4. Resins & synthetic fibers	\$25 million
5. Motor vehicle parts	\$24 million

Top Services Exports to China, 2021

1. Education	\$17 million
2. Royalties from industrial processes	\$11 million
3. Trademark royalties	\$3.4 million
4. Misc. financial services	\$3.2 million
5. Equip. installation & maintenance	\$3.0 million

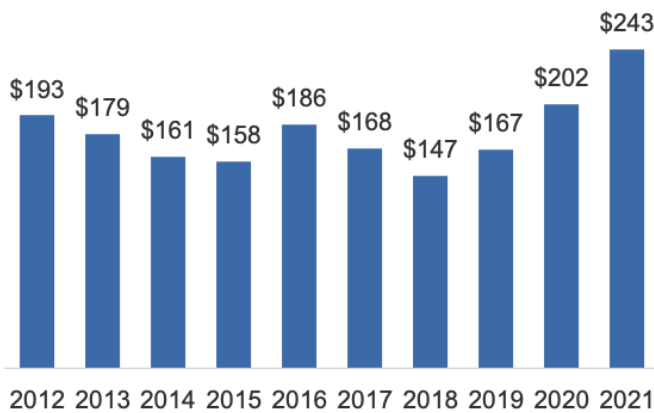
9% of OH-5 global goods exports went to China in 2022

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

Ohio's 6th District Exports to China

Ohio's 6th District goods and services exports to China supported 1,440 American jobs in 2021.

Goods (\$ million)



Services (\$ million)



Growth (2021-2022): 20%

Growth (2020-2021): 1%

Top Goods Export Markets, 2022

1. Canada	\$1.2 billion
2. Mexico	\$455 million
3. China	\$243 million
4. India	\$161 million
5. Netherlands	\$101 million

Top Services Export Markets, 2021

1. United Kingdom	\$50 million
2. Canada	\$33 million
3. Switzerland	\$32 million
4. China	\$31 million
5. Ireland	\$30 million

Top Goods Exports to China, 2022

1. Oilseeds & grains	\$51 million
2. Coal & petroleum gases	\$41 million
3. Resins & synthetic fibers	\$26 million
4. Misc. fabricated metal products	\$23 million
5. Plastics products	\$22 million

Top Services Exports to China, 2021

1. Royalties from industrial processes	\$5.7 million
2. Education	\$4.0 million
3. Misc. financial services	\$3.9 million
4. Misc. personal & recreational	\$3.1 million
5. Trademark royalties	\$3.1 million

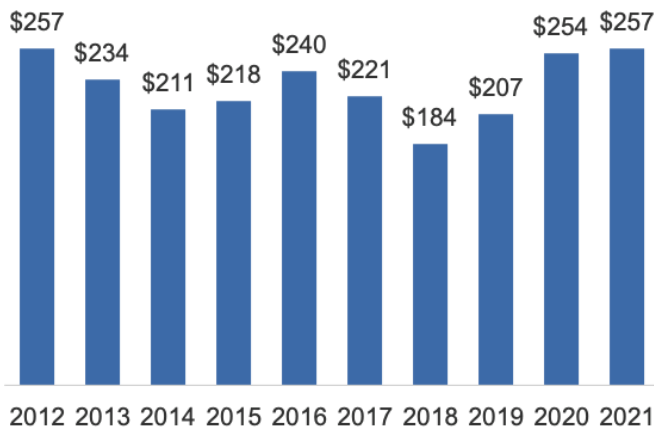
7% of OH-6 global goods exports went to China in 2022

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

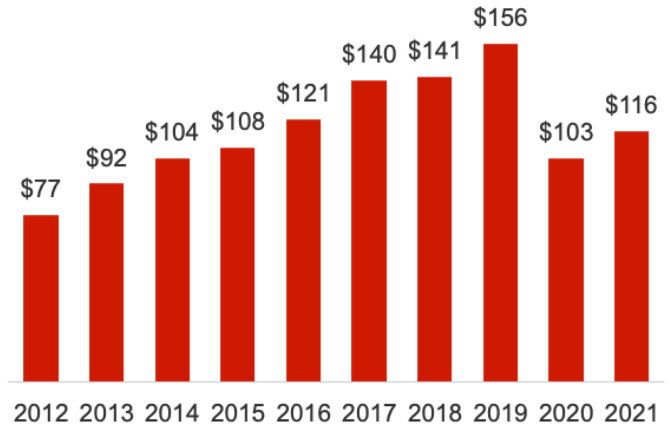
Ohio's 7th District Exports to China

Ohio's 7th District goods and services exports to China supported 2,110 American jobs in 2021.

Goods (\$ million)



Services (\$ million)



Growth (2021-2022): 1%

Growth (2020-2021): 12%

Top Goods Export Markets, 2022

1. Canada	\$1.2 billion
2. Mexico	\$507 million
3. China	\$257 million
4. Japan	\$141 million
5. Brazil	\$96 million

Top Services Export Markets, 2021

1. Canada	\$639 million
2. United Kingdom	\$319 million
3. Germany	\$301 million
4. Japan	\$200 million
10. China	\$116 million

Top Goods Exports to China, 2022

1. Oilseeds & grains	\$60 million
2. Misc. fabricated metal products	\$46 million
3. Navigational & meas. instruments	\$31 million
4. Misc. general purpose machinery	\$17 million
5. Basic chemicals	\$12 million

Top Services Exports to China, 2021

1. Air freight & port services	\$37 million
2. Royalties from industrial processes	\$15 million
3. Misc. financial services	\$9.6 million
4. Credit-related services	\$9.5 million
5. Education	\$5.8 million

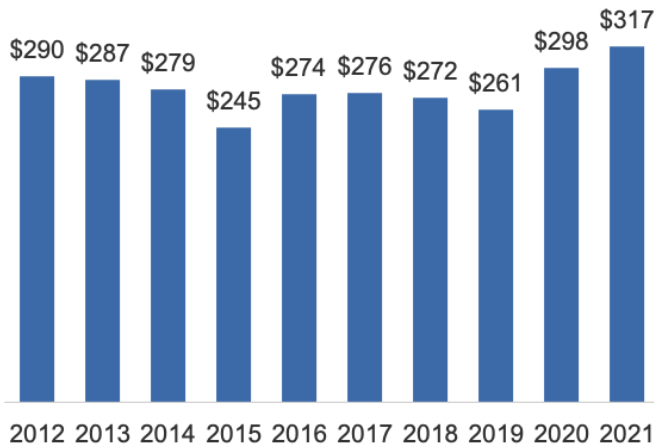
8% of OH-7 global goods exports went to China in 2022

3% of OH-7 global services exports went to China in 2021

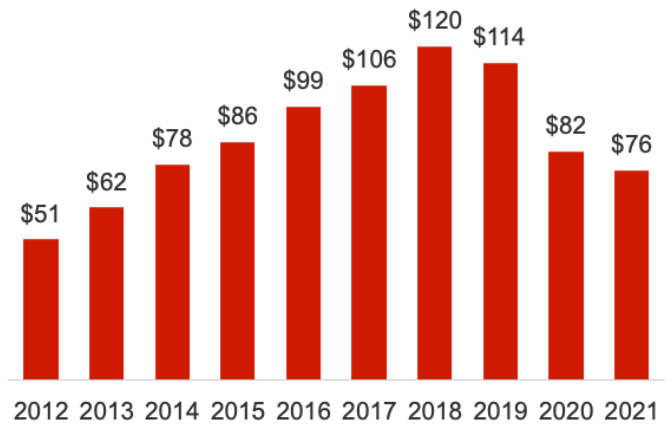
Ohio's 8th District Exports to China

Ohio's 8th District goods and services exports to China supported 2,330 American jobs in 2021.

Goods (\$ million)



Services (\$ million)



Growth (2021-2022): 6%

Change (2020-2021): -8%

Top Goods Export Markets, 2022

1. Canada	\$1.3 billion
2. Mexico	\$485 million
3. China	\$317 million
4. Brazil	\$306 million
5. Japan	\$248 million

Top Services Export Markets, 2021

1. United Kingdom	\$118 million
2. Ireland	\$81 million
3. Switzerland	\$77 million
4. China	\$76 million
5. Canada	\$72 million

Top Goods Exports to China, 2022

1. Oilseeds & grains	\$95 million
2. Aerospace products & parts	\$68 million
3. Plastics products	\$22 million
4. Basic chemicals	\$18 million
5. Misc. fabricated metal products	\$18 million

Top Services Exports to China, 2021

1. Education	\$26 million
2. Royalties from industrial processes	\$13 million
3. Misc. financial services	\$8.2 million
4. Misc. personal & recreational	\$6.6 million
5. Misc. business, prof. & tech. services	\$4.2 million

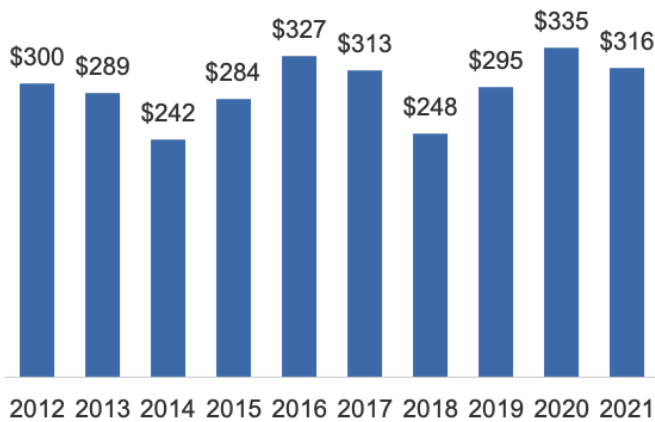
8% of OH-8 global goods exports went to China in 2022

7% of OH-8 global services exports went to China in 2021

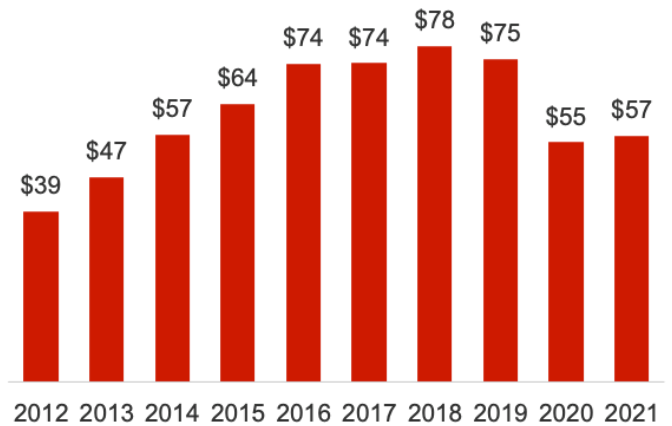
Ohio's 9th District Exports to China

Ohio's 9th District goods and services exports to China supported 2,690 American jobs in 2021.

Goods (\$ million)



Services (\$ million)



Change (2021-2022): -6%

Growth (2020-2021): 3%

Top Goods Export Markets, 2022

1. Canada	\$2.3 billion
2. Mexico	\$730 million
3. China	\$316 million
4. Japan	\$218 million
5. Brazil	\$162 million

Top Services Export Markets, 2021

1. United Kingdom	\$59 million
2. China	\$57 million
3. Canada	\$57 million
4. Switzerland	\$50 million
5. Ireland	\$44 million

Top Goods Exports to China, 2022

1. Oilseeds & grains	\$120 million
2. Motor vehicle parts	\$30 million
3. Aerospace products & parts	\$30 million
4. Plastics products	\$19 million
5. Misc. nonmetallic minerals	\$11 million

Top Services Exports to China, 2021

1. Education	\$16 million
2. Misc. personal & recreational	\$10 million
3. Royalties from industrial processes	\$9.7 million
4. Trademark royalties	\$4.2 million
5. Misc. financial services	\$4.1 million

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

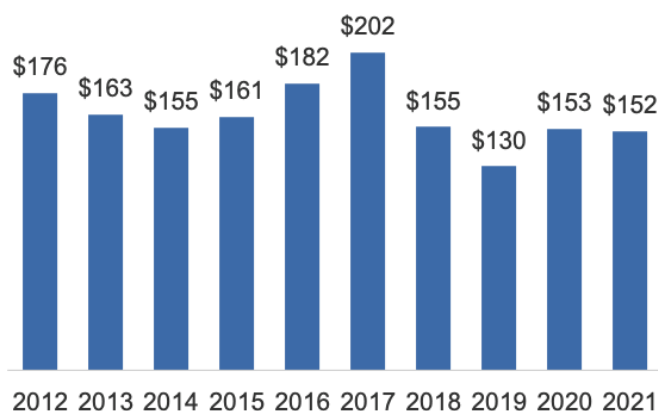
8% of OH-9 global services exports went to China in 2021

Ohio's 10th District Exports to China

Ohio's 10th District goods and services exports to China supported 1,370 American jobs in 2021.

Goods

(\$ million)



Change (2021-2022): -1%

Top Goods Export Markets, 2022

1. Canada	\$694 million
2. Mexico	\$280 million
3. China	\$152 million
4. Brazil	\$126 million
5. Germany	\$96 million

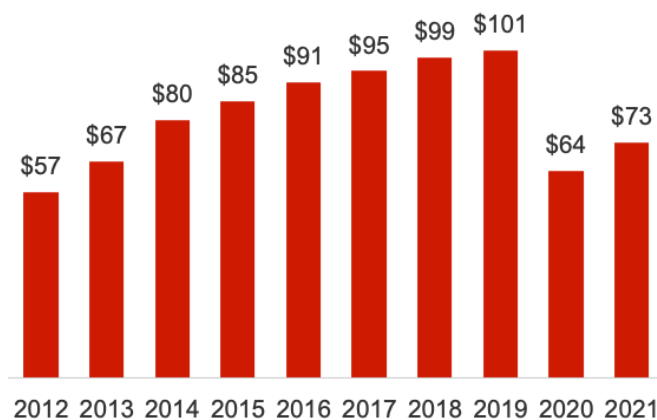
Top Goods Exports to China, 2022

1. Aerospace products & parts	\$25 million
2. Oilseeds & grains	\$19 million
3. Navigational & meas. instruments	\$17 million
4. Computer equipment	\$14 million
5. Metalworking machinery	\$12 million

7% of OH-10 global goods exports went to China in 2022

Services

(\$ million)



Growth (2020-2021): 13%

Top Services Export Markets, 2021

1. United Kingdom	\$94 million
2. Canada	\$77 million
3. Ireland	\$77 million
4. China	\$73 million
5. Japan	\$57 million

Top Services Exports to China, 2021

1. Education	\$27 million
2. Credit-related services	\$16 million
3. Royalties from industrial processes	\$4.4 million
4. Trademark royalties	\$3.9 million
5. Misc. business, prof. & tech. services	\$3.6 million

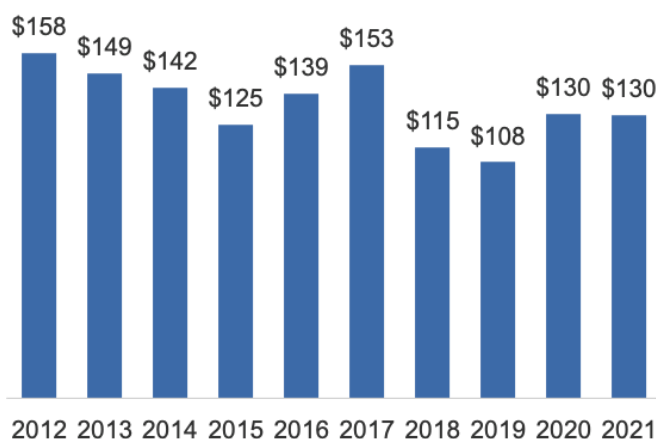
7% of OH-10 global services exports went to China in 2021

Ohio's 11th District Exports to China

Ohio's 11th District goods and services exports to China supported 1,600 American jobs in 2021.

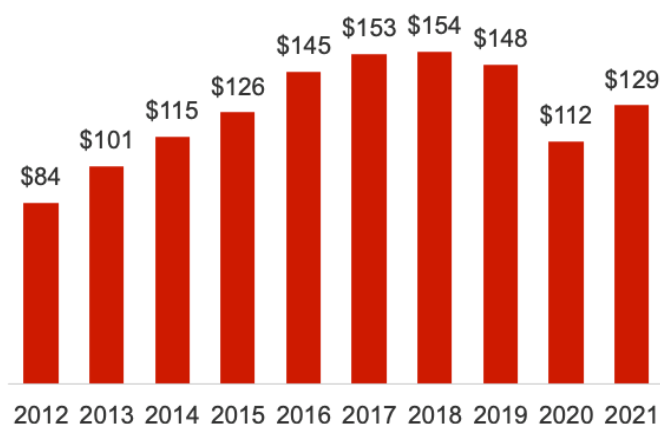
Goods

(\$ million)



Services

(\$ million)



Change (2021-2022): 0%

Growth (2020-2021): 15%

Top Goods Export Markets, 2022

1. Canada	\$699 million
2. Mexico	\$542 million
3. China	\$130 million
4. Brazil	\$112 million
5. Japan	\$92 million

Top Services Export Markets, 2021

1. United Kingdom	\$177 million
2. China	\$129 million
3. Canada	\$115 million
4. Ireland	\$105 million
5. Japan	\$83 million

Top Goods Exports to China, 2022

1. Misc. fabricated metal products	\$29 million
2. Navigational & meas. instruments	\$19 million
3. Aerospace products & parts	\$15 million
4. Basic chemicals	\$14 million
5. Misc. general purpose machinery	\$12 million

Top Services Exports to China, 2021

1. Education	\$65 million
2. Credit-related services	\$16 million
3. Misc. financial services	\$9.3 million
4. Royalties from industrial processes	\$7.9 million
5. Trademark royalties	\$5.5 million

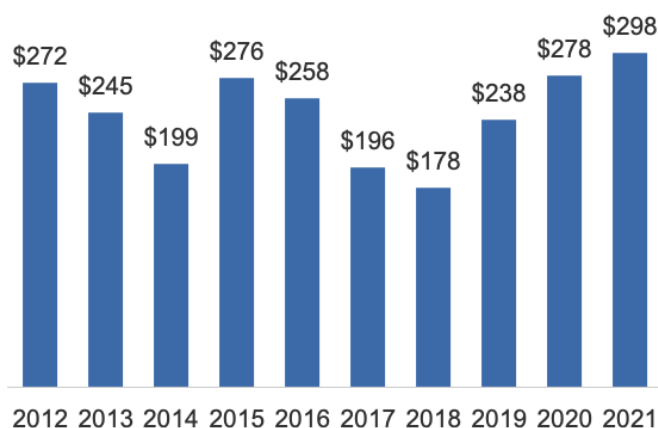
6% of OH-11 global goods exports went to China in 2022

8% of OH-11 global services exports went to China in 2021

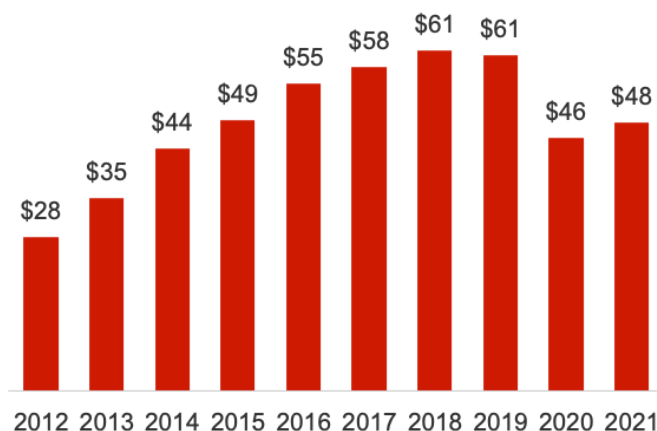
Ohio's 12th District Exports to China

Ohio's 12th District goods and services exports to China supported 2,430 American jobs in 2021.

Goods (\$ million)



Services (\$ million)



Growth (2021-2022): 7%

Growth (2020-2021): 6%

Top Goods Export Markets, 2022

1. Canada	\$1.2 billion
2. Mexico	\$413 million
3. China	\$298 million
4. Japan	\$167 million
5. Germany	\$91 million

Top Services Export Markets, 2021

1. United Kingdom	\$64 million
2. China	\$48 million
3. Canada	\$43 million
4. Ireland	\$42 million
5. Switzerland	\$37 million

Top Goods Exports to China, 2022

1. Oilseeds & grains	\$158 million
2. Timber & logs	\$13 million
3. Plastics products	\$12 million
4. Sawmill & wood products	\$9.4 million
5. Motor vehicle parts	\$8.2 million

Top Services Exports to China, 2021

1. Education	\$21 million
2. Royalties from industrial processes	\$5.8 million
3. Misc. financial services	\$5.0 million
4. Trademark royalties	\$2.9 million
5. Equip. installation & maintenance	\$2.8 million

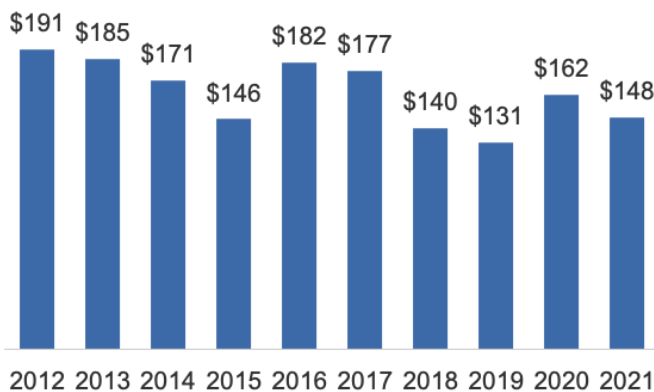
9% of OH-12 global goods exports went to China in 2022

8% of OH-12 global services exports went to China in 2021

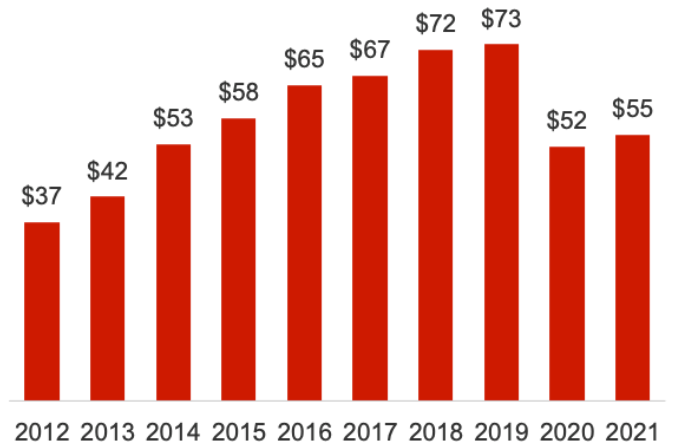
Ohio's 13th District Exports to China

Ohio's 13th District goods and services exports to China supported 1,200 American jobs in 2021.

Goods (\$ million)



Services (\$ million)



Change (2021-2022): -9%

Growth (2020-2021): 5%

Top Goods Export Markets, 2022

1. Canada	\$1.2 billion
2. Mexico	\$446 million
3. China	\$148 million
4. Japan	\$81 million
5. United Kingdom	\$72 million

Top Services Export Markets, 2021

1. United Kingdom	\$82 million
2. Ireland	\$79 million
3. Switzerland	\$74 million
4. Canada	\$64 million
5. China	\$55 million

Top Goods Exports to China, 2022

1. Plastics products	\$21 million
2. Soaps, cleaning agents & toiletries	\$16 million
3. Resins & synthetic fibers	\$14 million
4. Misc. fabricated metal products	\$13 million
5. Navigational & meas. instruments	\$11 million

Top Services Exports to China, 2021

1. Royalties from industrial processes	\$15 million
2. Credit-related services	\$7.4 million
3. Misc. personal & recreational	\$7.1 million
4. Education	\$6.8 million
5. Trademark royalties	\$4.4 million

5% of OH-13 global goods exports went to China in 2022

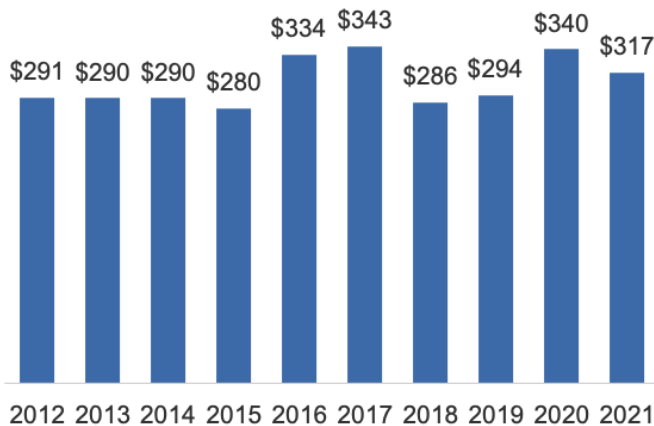
6% of OH-13 global services exports went to China in 2021

Ohio's 14th District Exports to China

Ohio's 14th District goods and services exports to China supported 2,000 American jobs in 2021.

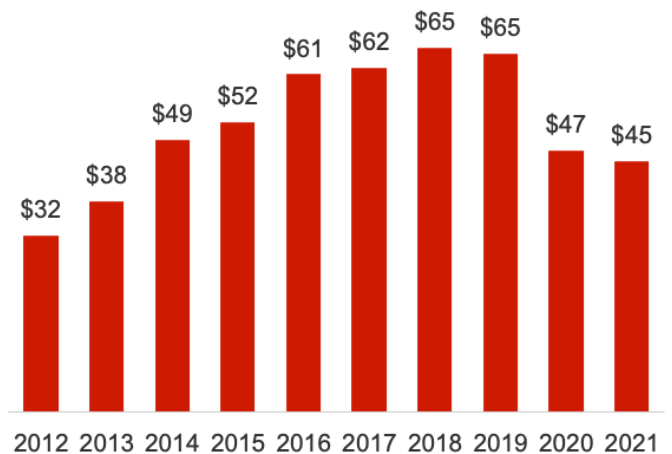
Goods

(\$ million)



Services

(\$ million)



Change (2021-2022): -7%

Change (2020-2021): -4%

Top Goods Export Markets, 2022

1. Canada	\$1.4 billion
2. Mexico	\$673 million
3. China	\$317 million
4. Brazil	\$166 million
5. Germany	\$154 million

Top Services Export Markets, 2021

1. Switzerland	\$66 million
2. Ireland	\$58 million
3. China	\$45 million
4. United Kingdom	\$45 million
5. Canada	\$37 million

Top Goods Exports to China, 2022

1. Plastics products	\$42 million
2. Basic chemicals	\$40 million
3. Resins & synthetic fibers	\$32 million
4. Oilseeds & grains	\$32 million
5. Aerospace products & parts	\$25 million

Top Services Exports to China, 2021

1. Royalties from industrial processes	\$14 million
2. Education	\$13 million
3. Trademark royalties	\$3.1 million
4. Misc. personal & recreational	\$3.0 million
5. Misc. financial services	\$2.8 million

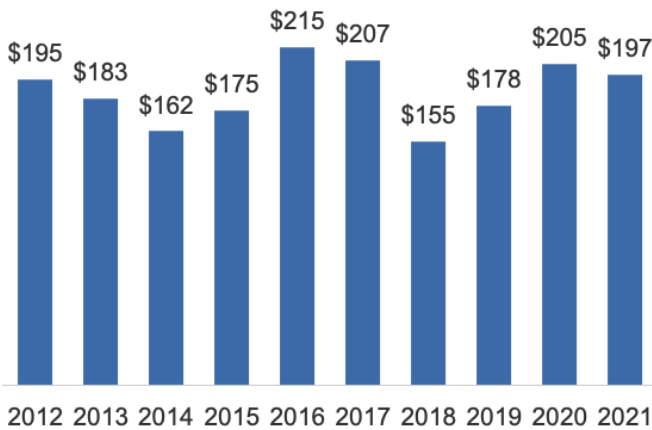
8% of OH-14 global goods exports went to China in 2022

8% of OH-14 global services exports went to China in 2021

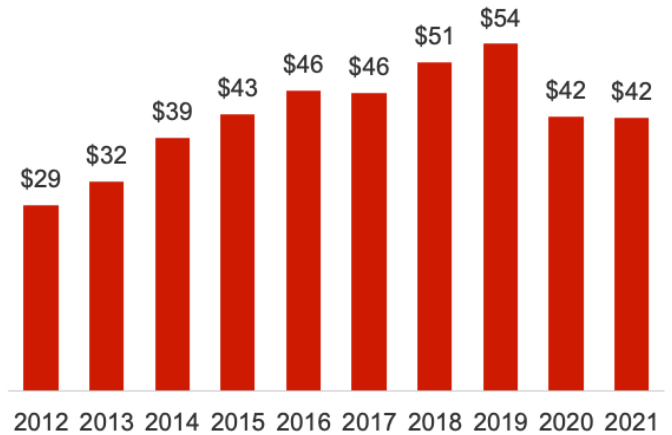
Ohio's 15th District Exports to China

Ohio's 15th District goods and services exports to China supported 1,620 American jobs in 2021.

Goods (\$ million)



Services (\$ million)



Change (2021-2022): -4%

Change (2020-2021): 0%

Top Goods Export Markets, 2022

1. Canada	\$1.1 billion
2. Mexico	\$408 million
3. China	\$197 million
4. Japan	\$178 million
5. Brazil	\$104 million

Top Services Export Markets, 2021

1. United Kingdom	\$87 million
2. Canada	\$65 million
3. Ireland	\$57 million
4. Switzerland	\$46 million
6. China	\$42 million

Top Goods Exports to China, 2022

1. Oilseeds & grains	\$82 million
2. Motor vehicle parts	\$24 million
3. Aerospace products & parts	\$20 million
4. Plastics products	\$11 million
5. Misc. general purpose machinery	\$10 million

Top Services Exports to China, 2021

1. Credit-related services	\$9.8 million
2. Royalties from industrial processes	\$5.3 million
3. Misc. financial services	\$4.9 million
4. Equip. installation & maintenance	\$3.8 million
5. Misc. business, prof. & tech. services	\$3.8 million

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

5% of OH-15 global services exports went to China in 2021