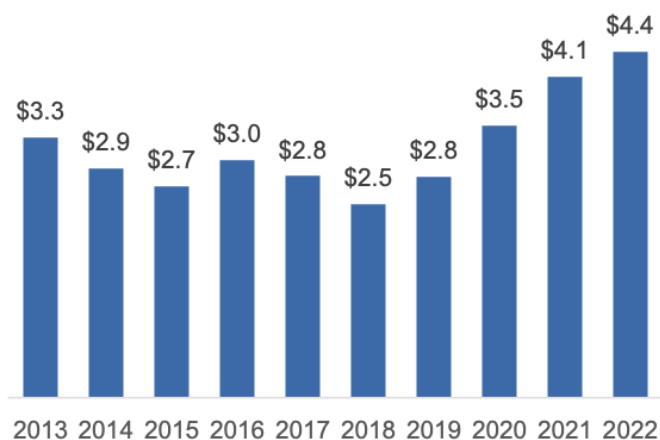


# Minnesota's Exports to China

*Minnesota's goods and services exports to China supported 31,880 American jobs in 2021.*

## Goods (\$ billion)



Growth (2021-2022): 8%

## Top Goods Export Markets, 2022

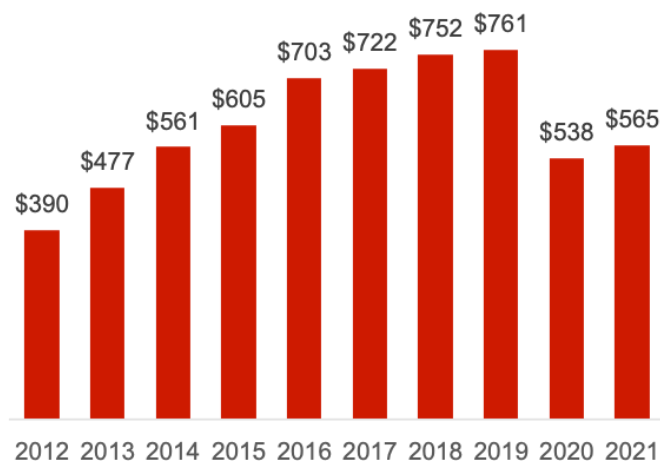
|            |               |
|------------|---------------|
| 1. Canada  | \$8.9 billion |
| 2. China   | \$4.4 billion |
| 3. Mexico  | \$5.1 billion |
| 4. Japan   | \$1.6 billion |
| 5. Germany | \$1.1 billion |

## Top Goods Exports to China, 2022

|                                     |               |
|-------------------------------------|---------------|
| 1. Oilseeds & grains                | \$2.0 billion |
| 2. Semiconductors & components      | \$444 million |
| 3. Misc. general purpose machinery  | \$403 million |
| 4. Navigational & meas. instruments | \$272 million |
| 5. Pharmaceuticals & medicines      | \$235 million |

*14% of Minnesota's global goods exports went to China in 2022*

## Services (\$ million)



Growth (2020-2021): 5%

## Top Services Export Markets, 2021

|                   |               |
|-------------------|---------------|
| 1. Ireland        | \$1.3 billion |
| 2. United Kingdom | \$1.1 billion |
| 3. Canada         | \$1.0 billion |
| 4. Switzerland    | \$898 million |
| 6. China          | \$565 million |

## Top Services Exports to China, 2021

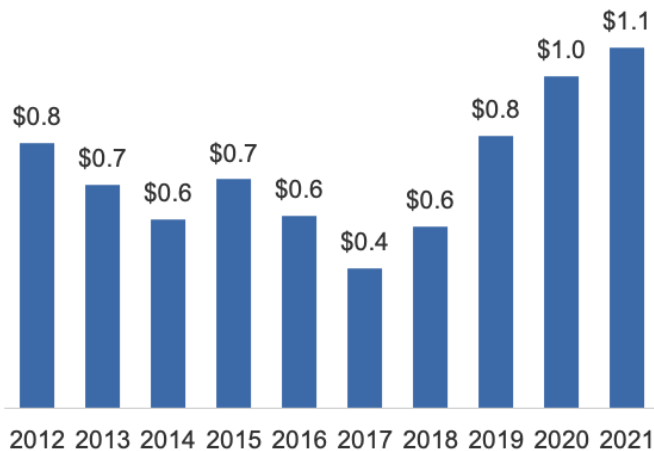
|   |               |
|---|---------------|
| 1. Education                              | \$130 million |
| 2. Royalties from industrial processes    | \$110 million |
| 3. Misc. financial services               | \$48 million  |
| 4. Trademark royalties                    | \$35 million  |
| 5. Misc. business, prof. & tech. services | \$29 million  |

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

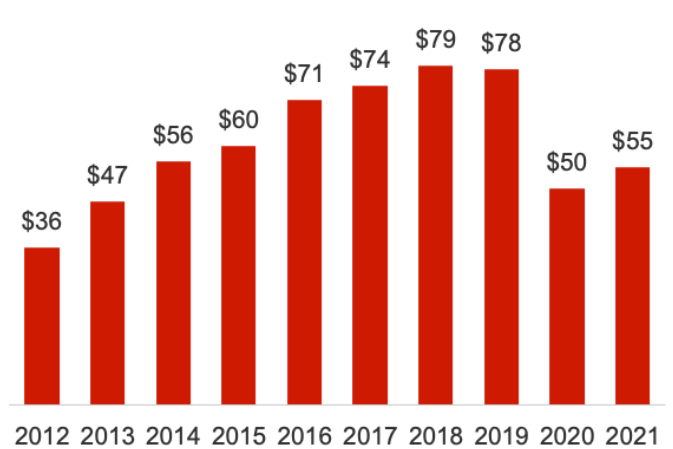
# Minnesota's 1<sup>st</sup> District Exports to China

*Minnesota's 1<sup>st</sup> District goods and services exports to China supported 8,160 American jobs in 2021.*

## Goods (\$ billion)



## Services (\$ million)



Growth (2021-2022): 8%

Growth (2020-2021): 9%

### Top Goods Export Markets, 2022

|            |               |
|------------|---------------|
| 1. Canada  | \$1.5 billion |
| 2. China   | \$1.1 billion |
| 3. Mexico  | \$885 million |
| 4. Japan   | \$406 million |
| 5. Germany | \$211 million |

### Top Services Export Markets, 2021

|                   |              |
|-------------------|--------------|
| 1. Switzerland    | \$72 million |
| 2. Ireland        | \$71 million |
| 3. China          | \$55 million |
| 4. United Kingdom | \$49 million |
| 5. Canada         | \$40 million |

### Top Goods Exports to China, 2022

|                                    |               |
|------------------------------------|---------------|
| 1. Oilseeds & grains               | \$636 million |
| 2. Semiconductors & components     | \$147 million |
| 3. Meat products                   | \$56 million  |
| 4. Misc. general purpose machinery | \$48 million  |
| 5. Dairy products                  | \$28 million  |

### Top Services Exports to China, 2021

|  |               |
|--|---------------|
| 1. Education                           | \$23 million  |
| 2. Royalties from industrial processes | \$15 million  |
| 3. Trademark royalties                 | \$3.6 million |
| 4. Misc. financial services            | \$2.9 million |
| 5. Equip. installation & maintenance   | \$2.5 million |

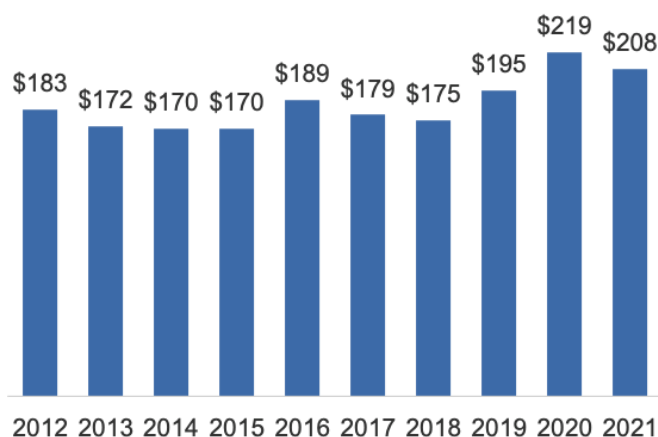
*17% of MN-1 global goods exports went to China in 2022*

*8% of MN-1 global services exports went to China in 2021*

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

*Minnesota's 2<sup>nd</sup> District goods and services exports to China supported 1,520 American jobs in 2021.*

## Goods (\$ million)



Change (2021-2022): -5%

### Top Goods Export Markets, 2022

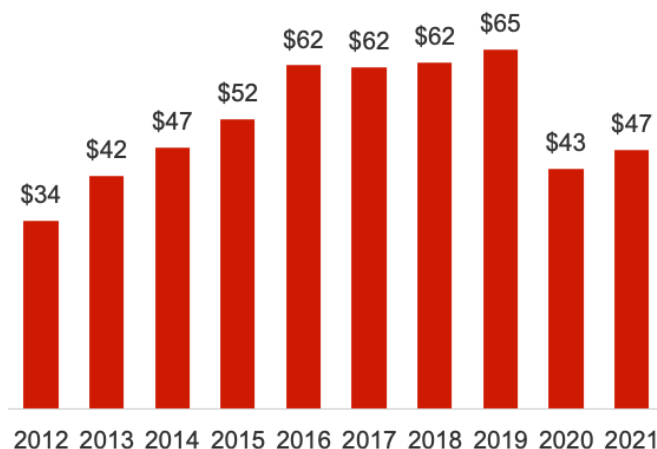
|            |               |
|------------|---------------|
| 1. Canada  | \$2.8 billion |
| 2. Mexico  | \$273 million |
| 3. China   | \$208 million |
| 4. Japan   | \$88 million  |
| 5. Germany | \$80 million  |

### Top Goods Exports to China, 2022

|                                     |               |
|-------------------------------------|---------------|
| 1. Oilseeds & grains                | \$47 million  |
| 2. Semiconductors & components      | \$39 million  |
| 3. Navigational & meas. instruments | \$39 million  |
| 4. Plastics products                | \$10 million  |
| 5. Dairy products                   | \$9.4 million |

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

## Services (\$ million)



Growth (2020-2021): 8%

### Top Services Export Markets, 2021

|                   |              |
|-------------------|--------------|
| 1. United Kingdom | \$73 million |
| 2. Ireland        | \$73 million |
| 3. Switzerland    | \$63 million |
| 4. Canada         | \$56 million |
| 6. China          | \$47 million |

### Top Services Exports to China, 2021

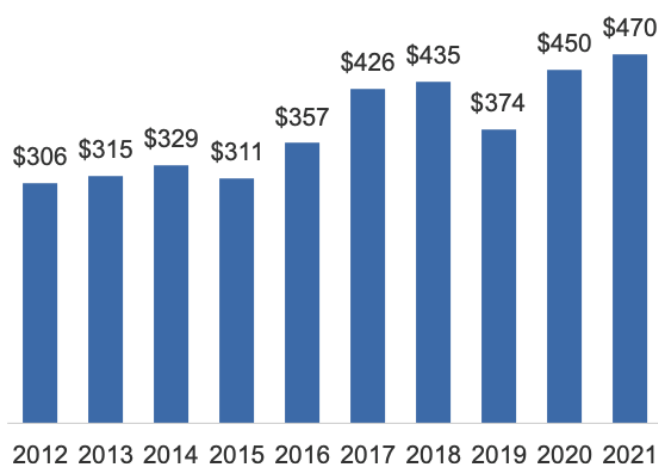
|   |               |
|---|---------------|
| 1. Royalties from industrial processes    | \$10 million  |
| 2. Education                              | \$8.7 million |
| 3. Misc. business, prof. & tech. services | \$5.0 million |
| 4. Misc. personal & recreational          | \$3.6 million |
| 5. Trademark royalties                    | \$3.5 million |

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

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

*Minnesota's 3<sup>rd</sup> District goods and services exports to China supported 2,760 American jobs in 2021.*

## Goods (\$ million)



Growth (2021-2022): 4%

## Top Goods Export Markets, 2022

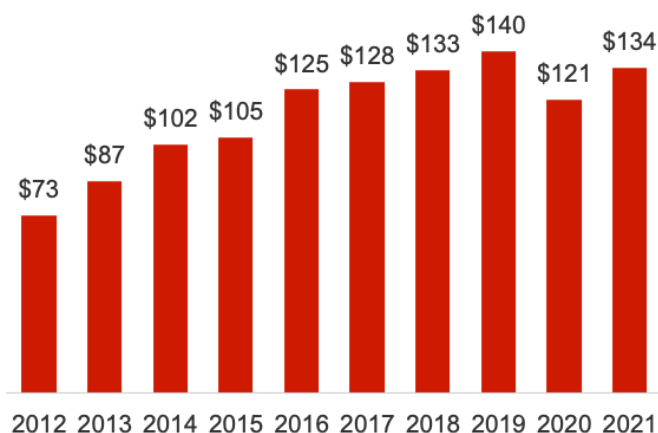
|                |               |
|----------------|---------------|
| 1. China       | \$470 million |
| 2. Canada      | \$426 million |
| 3. Ireland     | \$213 million |
| 4. Mexico      | \$200 million |
| 5. Netherlands | \$198 million |

## Top Goods Exports to China, 2022

|                                     |               |
|-------------------------------------|---------------|
| 1. Medical equipment & supplies     | \$106 million |
| 2. Semiconductors & components      | \$80 million  |
| 3. Misc. general purpose machinery  | \$76 million  |
| 4. Pharmaceuticals & medicines      | \$66 million  |
| 5. Navigational & meas. instruments | \$51 million  |

*13% of MN-3 global goods exports went to China in 2022*

## Services (\$ million)



Growth (2020-2021): 11%

## Top Services Export Markets, 2021

|                   |               |
|-------------------|---------------|
| 1. Ireland        | \$516 million |
| 2. United Kingdom | \$445 million |
| 3. Canada         | \$399 million |
| 4. Switzerland    | \$302 million |
| 10. China         | \$134 million |

## Top Services Exports to China, 2021

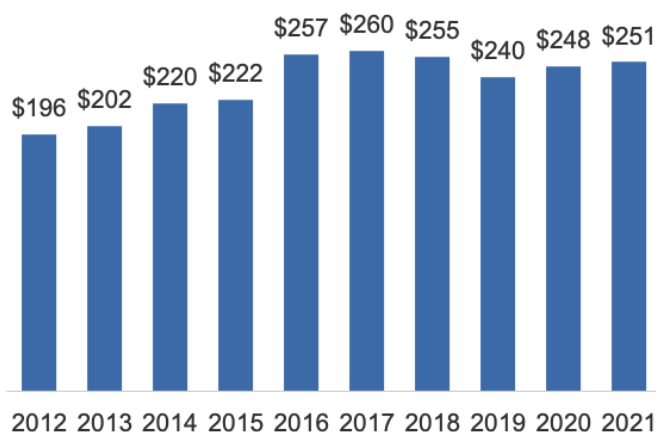
|  |               |
|--|---------------|
| 1. Royalties from industrial processes | \$27 million  |
| 2. Misc. financial services            | \$18 million  |
| 3. Business mgmt. & consulting         | \$13 million  |
| 4. Software distribution royalties     | \$12 million  |
| 5. Misc. freight & port services       | \$8.2 million |

*3% of MN-3 global services exports went to China in 2021*

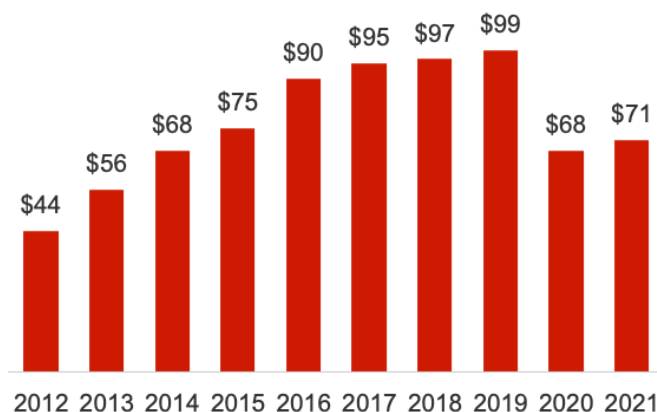
# Minnesota's 4<sup>th</sup> District Exports to China

*Minnesota's 4<sup>th</sup> District goods and services exports to China supported 1,510 American jobs in 2021.*

## Goods (\$ million)



## Services (\$ million)



Growth (2021-2022): 1%

Growth (2020-2021): 5%

### Top Goods Export Markets, 2022

|                |               |
|----------------|---------------|
| 1. Canada      | \$791 million |
| 2. China       | \$251 million |
| 3. Mexico      | \$198 million |
| 4. Netherlands | \$101 million |
| 5. Belgium     | \$98 million  |

### Top Services Export Markets, 2021

|                   |               |
|-------------------|---------------|
| 1. United Kingdom | \$128 million |
| 2. Ireland        | \$121 million |
| 3. Switzerland    | \$99 million  |
| 4. Canada         | \$82 million  |
| 5. China          | \$71 million  |

### Top Goods Exports to China, 2022

|                                     |              |
|-------------------------------------|--------------|
| 1. Navigational & meas. instruments | \$76 million |
| 2. Misc. general purpose machinery  | \$62 million |
| 3. Medical equipment & supplies     | \$29 million |
| 4. Pharmaceuticals & medicines      | \$20 million |
| 5. Plastics products                | \$13 million |

### Top Services Exports to China, 2021

|   |               |
|---|---------------|
| 1. Education                              | \$20 million  |
| 2. Royalties from industrial processes    | \$16 million  |
| 3. Misc. financial services               | \$7.1 million |
| 4. Trademark royalties                    | \$4.7 million |
| 5. Misc. business, prof. & tech. services | \$4.4 million |

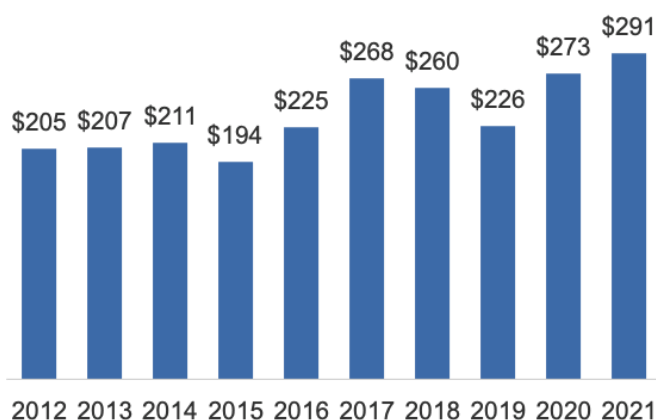
*10% of MN-4 global goods exports went to China in 2022*

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

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

*Minnesota's 5<sup>th</sup> District goods and services exports to China supported 2,190 American jobs in 2021.*

## Goods (\$ million)



Growth (2021-2022): 7%

## Top Goods Export Markets, 2022

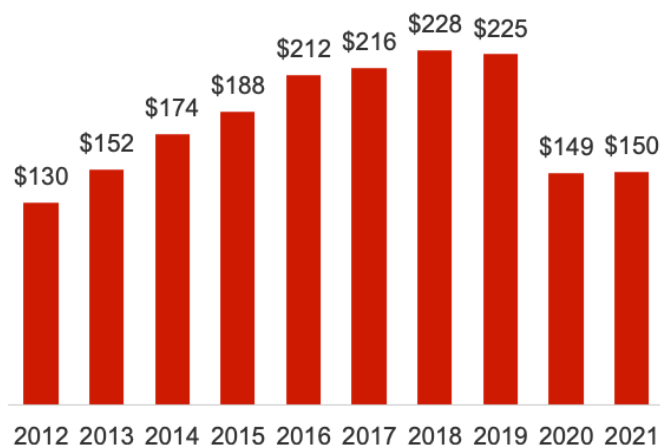
|            |               |
|------------|---------------|
| 1. Canada  | \$330 million |
| 2. China   | \$291 million |
| 3. Mexico  | \$159 million |
| 4. Germany | \$108 million |
| 5. Korea   | \$102 million |

## Top Goods Exports to China, 2022

|                                     |              |
|-------------------------------------|--------------|
| 1. Misc. general purpose machinery  | \$69 million |
| 2. Semiconductors & components      | \$50 million |
| 3. Pharmaceuticals & medicines      | \$48 million |
| 4. Navigational & meas. instruments | \$35 million |
| 5. Medical equipment & supplies     | \$27 million |

*14% of MN-5 global goods exports went to China in 2022*

## Services (\$ million)



Growth (2020-2021): 0%

## Top Services Export Markets, 2021

|                   |               |
|-------------------|---------------|
| 1. Ireland        | \$345 million |
| 2. United Kingdom | \$310 million |
| 3. Canada         | \$286 million |
| 4. Switzerland    | \$206 million |
| 6. China          | \$150 million |

## Top Services Exports to China, 2021

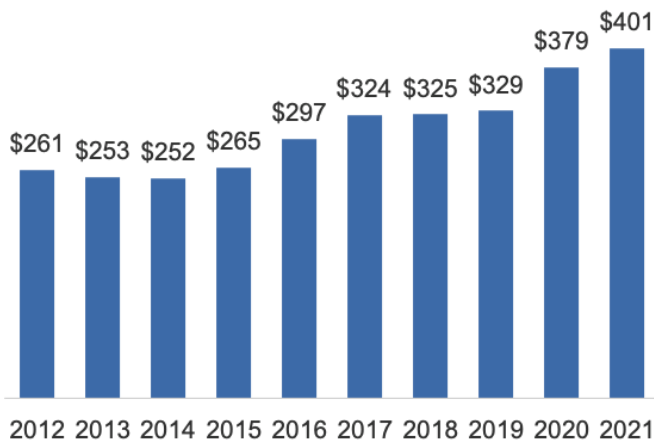
|  |               |
|--|---------------|
| 1. Education                           | \$62 million  |
| 2. Royalties from industrial processes | \$13 million  |
| 3. Misc. financial services            | \$10 million  |
| 4. Business mgmt. & consulting         | \$9.6 million |
| 5. Trademark royalties                 | \$7.1 million |

*5% of MN-5 global services exports went to China in 2021*

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

*Minnesota's 6<sup>th</sup> District goods and services exports to China supported 2,370 American jobs in 2021.*

## Goods (\$ million)



## Services (\$ million)



Growth (2021-2022): 6%

Growth (2020-2021): 2%

### Top Goods Export Markets, 2022

|            |               |
|------------|---------------|
| 1. Canada  | \$575 million |
| 2. China   | \$401 million |
| 3. Mexico  | \$348 million |
| 4. Japan   | \$151 million |
| 5. Germany | \$127 million |

### Top Services Export Markets, 2021

|                   |              |
|-------------------|--------------|
| 1. Ireland        | \$65 million |
| 2. Switzerland    | \$58 million |
| 3. Canada         | \$50 million |
| 4. China          | \$39 million |
| 5. United Kingdom | \$39 million |

### Top Goods Exports to China, 2022

|                                     |              |
|-------------------------------------|--------------|
| 1. Oilseeds & grains                | \$78 million |
| 2. Pharmaceuticals & medicines      | \$65 million |
| 3. Navigational & meas. instruments | \$57 million |
| 4. Semiconductors & components      | \$43 million |
| 5. Medical equipment & supplies     | \$24 million |

### Top Services Exports to China, 2021

|   |               |
|---|---------------|
| 1. Education                              | \$12 million  |
| 2. Royalties from industrial processes    | \$12 million  |
| 3. Trademark royalties                    | \$2.9 million |
| 4. Misc. personal & recreational          | \$2.6 million |
| 5. Misc. business, prof. & tech. services | \$2.0 million |

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

*7% of MN-6 global services exports went to China in 2021*



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

*Minnesota's 7<sup>th</sup> District goods and services exports to China supported 11,740 American jobs in 2021.*

## Goods (\$ billion)



Growth (2021-2022): 13%

## Top Goods Export Markets, 2022

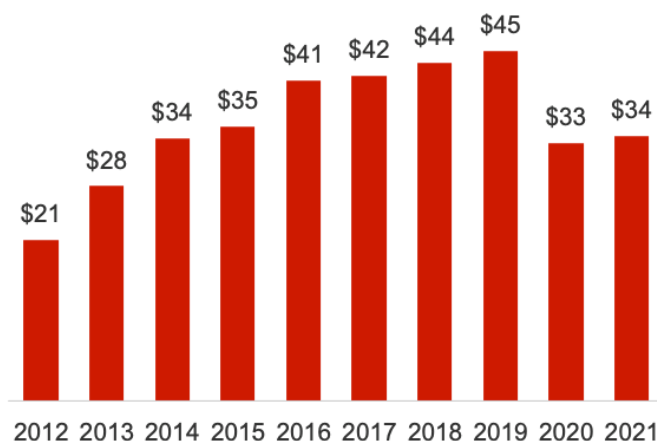
|            |               |
|------------|---------------|
| 1. Canada  | \$1.6 billion |
| 2. China   | \$1.5 billion |
| 3. Mexico  | \$788 million |
| 4. Japan   | \$485 million |
| 5. Germany | \$200 million |

## Top Goods Exports to China, 2022

|                                    |               |
|------------------------------------|---------------|
| 1. Oilseeds & grains               | \$1.1 billion |
| 2. Misc. general purpose machinery | \$94 million  |
| 3. Meat products                   | \$71 million  |
| 4. Semiconductors & components     | \$66 million  |
| 5. Dairy products                  | \$18 million  |

*22% of MN-7 global goods exports went to China in 2022*

## Services (\$ million)



Growth (2020-2021): 3%

## Top Services Export Markets, 2021

|                   |              |
|-------------------|--------------|
| 1. Switzerland    | \$66 million |
| 2. Ireland        | \$63 million |
| 3. United Kingdom | \$54 million |
| 4. Canada         | \$38 million |
| 5. China          | \$34 million |

## Top Services Exports to China, 2021

|  |               |
|--|---------------|
| 1. Royalties from industrial processes | \$14 million  |
| 2. Misc. financial services            | \$3.8 million |
| 3. Equip. installation & maintenance   | \$3.2 million |
| 4. Trademark royalties                 | \$3.1 million |
| 5. Education                           | \$1.7 million |

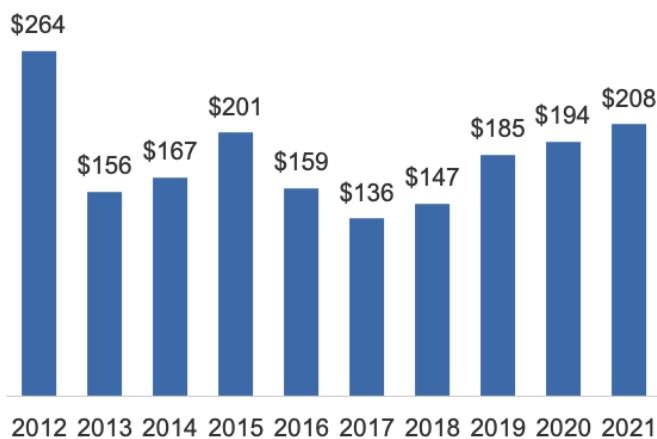
*6% of MN-7 global services exports went to China in 2021*



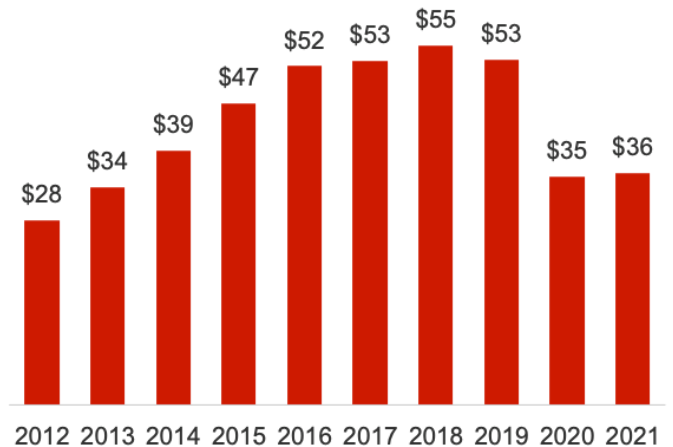
# Minnesota's 8<sup>th</sup> District Exports to China

*Minnesota's 8<sup>th</sup> District goods and services exports to China supported 1,620 American jobs in 2021.*

## Goods (\$ million)



## Services (\$ million)



Growth (2021-2022): 7%

Growth (2020-2021): 2%

### Top Goods Export Markets, 2022

|              |               |
|--------------|---------------|
| 1. Canada    | \$956 million |
| 2. Mexico    | \$221 million |
| 3. China     | \$208 million |
| 4. Germany   | \$78 million  |
| 5. Indonesia | \$69 million  |

### Top Services Export Markets, 2021

|                   |              |
|-------------------|--------------|
| 1. Canada         | \$91 million |
| 2. United Kingdom | \$42 million |
| 3. China          | \$36 million |
| 4. Mexico         | \$34 million |
| 5. Switzerland    | \$32 million |

### Top Goods Exports to China, 2022

|                                    |               |
|------------------------------------|---------------|
| 1. Oilseeds & grains               | \$106 million |
| 2. Misc. general purpose machinery | \$55 million  |
| 3. Semiconductors & components     | \$15 million  |
| 4. Aerospace products & parts      | \$7.8 million |
| 5. Plastics products               | \$6.1 million |

### Top Services Exports to China, 2021

|  |               |
|--|---------------|
| 1. Misc. freight & port services       | \$15 million  |
| 2. Trademark royalties                 | \$2.8 million |
| 3. Misc. financial services            | \$2.7 million |
| 4. Royalties from industrial processes | \$2.6 million |
| 5. Misc. personal & recreational       | \$2.3 million |

*9% of MN-8 global goods exports went to China in 2022*

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