Massachusetts' Exports to China

Massachusetts' goods and services exports to China supported 32,310 American jobs in 2021.

**Growth (2021-2022): 4%**

**Goods ($ billion)**

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**Services ($ billion)**

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**Top Goods Export Markets, 2022**

1. China $5.7 billion  
2. Canada $3.6 billion  
3. Mexico $2.9 billion  
4. Germany $2.1 billion  
5. Netherlands $2.0 billion

**Top Services Export Markets, 2021**

1. U.K. Caribbean $5.4 billion  
2. Ireland $4.2 billion  
3. United Kingdom $2.8 billion  
4. Canada $2.2 billion  
5. China $2.0 billion

**Top Goods Exports to China, 2022**

1. Industrial machinery $892 million  
2. Navigational & meas. instruments $426 million  
3. Medical equipment & supplies $551 million  
4. Pharmaceuticals & medicines $317 million  
5. Misc. general purpose machinery $289 million

**Top Services Exports to China, 2021**

1. Education $1.0 billion  
2. Software distribution royalties $201 million  
3. Royalties from industrial processes $180 million  
4. Misc. financial services $70 million  
5. Computer software services $68 million

11% of Massachusetts' global goods exports went to China in 2022  
5% of Massachusetts' global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021  
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Massachusetts' 1st District Exports to China

Massachusetts' 1st District goods and services exports to China supported 2,320 American jobs in 2021.

Change (2021-2022): -5%

Goods ($ million)

$189 $188 $195 $205 $233 $255 $258 $364 $352

Services ($ million)

$46 $56 $67 $75 $85 $86 $94 $92 $51 $50

Change (2020-2021): -1%

Top Goods Export Markets, 2022
1. Canada $444 million
2. China $352 million
5. Mexico $289 million
4. Germany $179 million
5. Netherlands $155 million

Top Goods Exports to China, 2022
1. Industrial machinery $52 million
2. Plastics products $41 million
5. Nonferrous metal products $55 million
4. Medical equipment & supplies $50 million
5. Medical equipment & supplies $25 million

Top Services Export Markets, 2021
1. United Kingdom $78 million
2. Mexico $58 million
5. Canada $51 million
4. China $50 million
5. Ireland $40 million

Top Services Exports to China, 2021
1. Education $20 million
2. Misc. personal & recreational $5.7 million
5. Trademark royalties $5.7 million
4. Trademark royalties $5.7 million
5. Misc. financial services $5.6 million

12% of MA-1 global goods exports went to China in 2022
7% of MA-1 global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Massachusetts' 2nd District Exports to China

Massachusetts' 2nd District goods and services exports to China supported 3,830 American jobs in 2021.

**Goods ($ million)**

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<thead>
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<td>2021</td>
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Growth (2021-2022): 4%

**Services ($ million)**

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<th>Year</th>
<th>Services</th>
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<tr>
<td>2020</td>
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</tr>
<tr>
<td>2021</td>
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Growth (2020-2021): 2%

**Top Goods Export Markets, 2022**

1. Canada $571 million
2. China $541 million
3. Mexico $482 million
4. Germany $505 million
5. Japan $219 million

**Top Goods Exports to China, 2022**

1. Plastics products $75 million
2. Industrial machinery $70 million
3. Misc. general purpose machinery $55 million
4. Navigational & meas. instruments $49 million
5. Nonferrous metal products $41 million

**Top Services Export Markets, 2021**

1. Ireland $171 million
2. China $148 million
3. Switzerland $158 million
4. United Kingdom $112 million
5. Canada $82 million

**Top Services Exports to China, 2021**

1. Education $95 million
2. Royalties from industrial processes $22 million
3. Misc. financial services $4.7 million
4. Misc. personal & recreational $4.6 million
5. Trademark royalties $4.2 million

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

10% of MA-2 global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Massachusetts' 3rd District Exports to China

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

**Goods**

($ million)

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<td>2019</td>
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<tr>
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Growth (2021-2022): 4%

**Services**

($ million)

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<tr>
<td>2021</td>
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Growth (2020-2021): 6%

**Top Goods Export Markets, 2022**

1. China  $646 million
2. Canada  $625 million
5. Mexico  $615 million
4. Germany  $441 million
5. Netherlands  $401 million

**Top Goods Exports to China, 2022**

1. Industrial machinery  $146 million
2. Navigational & meas. instruments  $124 million
5. Pharmaceuticals & medicines  $70 million
4. Medical equipment & supplies  $58 million
5. Misc. general purpose machinery  $52 million

**Top Services Export Markets, 2021**

1. Ireland  $576 million
2. Switzerland  $516 million
5. Singapore  $195 million
4. United Kingdom  $184 million
8. China  $137 million

**Top Services Exports to China, 2021**

1. Royalties from industrial processes  $42 million
2. Software distribution royalties  $50 million
5. Education  $17 million
4. Computer software services  $8.2 million
5. Business mgmt. & consulting  $5.4 million

10% of MA-3 global goods exports went to China in 2022

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

Note: Full-year services export data are available only through year-end 2021
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Massachusetts' 4th District Exports to China

Massachusetts' 4th District goods and services exports to China supported 3,150 American jobs in 2021.

Goods ($ million)

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Growth (2021-2022): 6%

Services ($ million)

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Growth (2020-2021): 7%

Top Goods Export Markets, 2022

1. Canada $452 million
2. China $437 million
3. Mexico $412 million
4. Netherlands $317 million
5. Germany $285 million

Top Goods Exports to China, 2022

1. Medical equipment & supplies $76 million
2. Industrial machinery $61 million
3. Nonferrous metal products $50 million
4. Basic chemicals $53 million
5. Misc. general purpose machinery $52 million

Top Services Export Markets, 2021

1. Ireland $422 million
2. U.K. Caribbean $225 million
3. United Kingdom $212 million
4. Switzerland $190 million
5. China $166 million

Top Services Exports to China, 2021

1. Education $65 million
2. Software distribution royalties $29 million
3. Royalties from industrial processes $19 million
4. Misc. financial services $8.0 million
5. Trademark royalties $6.0 million

11% of MA-4 global goods exports went to China in 2022

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

Note: Full-year services export data are available only through year-end 2021
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Massachusetts' 5th District Exports to China

Massachusetts' 5th District goods and services exports to China supported 4,280 American jobs in 2021.

**Goods ($ million)**

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**Services ($ million)**

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**Growth (2021-2022): 6%**

**Top Goods Export Markets, 2022**

1. China $554 million
2. Canada $272 million
3. Mexico $262 million
4. Netherlands $259 million
5. Germany $214 million

**Top Goods Exports to China, 2022**

1. Industrial machinery $88 million
2. Navigational & meas. instruments $79 million
3. Misc. general purpose machinery $41 million
4. Medical equipment & supplies $40 million
5. Pharmaceuticals & medicines $56 million

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

**Top Services Export Markets, 2021**

1. Ireland $1.0 billion
2. Switzerland $419 million
3. United Kingdom $575 million
4. China $357 million
5. Singapore $334 million

**Top Services Exports to China, 2021**

1. Education $185 million
2. Software distribution royalties $61 million
3. Royalties from industrial processes $27 million
4. Computer software services $18 million
5. Business mgmt. & consulting $12 million

11% of MA-5 global goods exports went to China in 2022

6% of MA-5 global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Massachusetts' 6th District Exports to China

Massachusetts' 6th District goods and services exports to China supported 4,490 American jobs in 2021.

**Goods ($ million)**

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Growth (2021-2022): 5%

**Services ($ million)**

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Growth (2020-2021): 5%

**Top Goods Export Markets, 2022**

1. China $825 million
2. Canada $570 million
3. Korea $445 million
4. Germany $589 million
5. Mexico $375 million

**Top Goods Exports to China, 2022**

1. Industrial machinery $416 million
2. Navigational & meas. instruments $119 million
3. Basic chemicals $64 million
4. Medical equipment & supplies $49 million
5. Pharmaceuticals & medicines $41 million

**Top Services Export Markets, 2021**

1. Ireland $365 million
2. Switzerland $229 million
3. United Kingdom $151 million
4. Singapore $140 million
5. China $97 million

**Top Services Exports to China, 2021**

1. Royalties from industrial processes $34 million
2. Software distribution royalties $15 million
3. Education $7.0 million
4. Misc. personal & recreational $6.1 million
5. Misc. financial services $6.0 million

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

5% of MA-6 global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Massachusetts' 7th District Exports to China

Massachusetts' 7th District goods and services exports to China supported 7,550 American jobs in 2021.

**Goods**

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**Services**

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Growth (2021-2022): 7%

Growth (2020-2021): 12%

**Top Goods Export Markets, 2022**

1. China $175 million
2. Canada $167 million
3. France $155 million
4. Germany $140 million
5. Spain $129 million

**Top Services Export Markets, 2021**

1. U.K. Caribbean $1.6 billion
2. Ireland $922 million
3. Netherlands $768 million
4. United Kingdom $750 million
5. Canada $605 million

**Top Goods Exports to China, 2022**

1. Pharmaceuticals & medicines $78 million
2. Industrial machinery $55 million
3. Medical equipment & supplies $14 million
4. Navigational & meas. instruments $14 million
5. Misc. general purpose machinery $5.4 million

**Top Services Exports to China, 2021**

1. Education $586 million
2. Software distribution royalties $41 million
3. Computer software services $18 million
4. Financial mgmt. & advisory services $17 million
5. Misc. financial services $16 million

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

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

Note: Full-year services export data are available only through year-end 2021

Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Massachusetts' 8th District Exports to China

Massachusetts' 8th District goods and services exports to China supported 1,710 American jobs in 2021.

**Goods ($ million)**

- 2012: $108
- 2013: $109
- 2014: $97
- 2015: $96
- 2016: $102
- 2017: $112
- 2018: $103
- 2019: $108
- 2020: $134
- 2021: $147

Growth (2021-2022): 10%

**Services ($ million)**

- 2012: $150
- 2013: $164
- 2014: $194
- 2015: $215
- 2016: $239
- 2017: $245
- 2018: $261
- 2019: $275
- 2020: $186
- 2021: $194

Growth (2020-2021): 5%

**Top Goods Export Markets, 2022**

1. Canada $189 million
2. Mexico $167 million
3. China $147 million
4. Netherlands $151 million
5. Germany $86 million

**Top Goods Exports to China, 2022**

1. Medical equipment & supplies $28 million
2. Misc. general purpose machinery $24 million
3. Pharmaceuticals & medicines $10 million
4. Industrial machinery $9.5 million
5. Electrical equipment $8.9 million

10% of MA-8 global goods exports went to China in 2022

**Top Services Export Markets, 2021**

1. U.K. Caribbean $3.1 billion
2. United Kingdom $856 million
3. Ireland $652 million
4. Canada $576 million
12. China $194 million

**Top Services Exports to China, 2021**

1. Financial mgmt. & advisory services $5.1 billion
2. Software distribution royalties $2.5 billion
3. Education $2.5 billion
4. Misc. financial services $1.6 billion
5. Royalties from industrial processes $1.3 billion

2% of MA-8 global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021
Source: Estimated by Trade Partnership Worldwide (Washington, DC)
Massachusetts' 9th District Exports to China

Massachusetts' 9th District goods and services exports to China supported 1,350 American jobs in 2021.

**Goods** ($ million)

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Growth (2021-2022): 5%

**Services** ($ million)

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Growth (2020-2021): 1%

**Top Goods Export Markets, 2022**

1. Canada $266 million
2. Mexico $197 million
3. China $190 million
4. Netherlands $151 million
5. Germany $111 million

**Top Services Export Markets, 2021**

1. United Kingdom $85 million
2. Mexico $68 million
3. Canada $64 million
4. Switzerland $54 million
5. China $44 million

**Top Goods Exports to China, 2022**

1. Misc. general purpose machinery $27 million
2. Medical equipment & supplies $26 million
3. Marine products $24 million
4. Industrial machinery $15 million
5. Plastics products $14 million

**Top Services Exports to China, 2021**

1. Misc. personal & recreational $9.4 million
2. Royalties from industrial processes $7.9 million
3. Misc. financial services $5.6 million
4. Trademark royalties $5.6 million
5. Education $5.6 million

11% of MA-9 global goods exports went to China in 2022

5% of MA-9 global services exports went to China in 2021

Note: Full-year services export data are available only through year-end 2021
Source: Estimated by Trade Partnership Worldwide (Washington, DC)