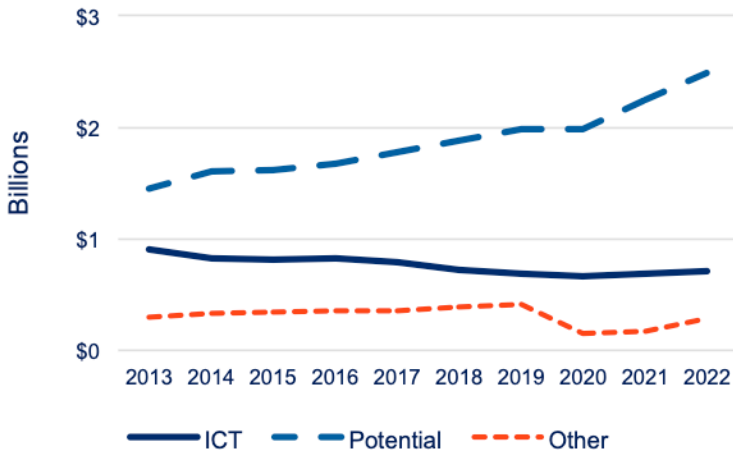




Massachusetts' 3rd and Digital Trade

MA-3 Services Exports, 2013-2022



ICT services exports fell from \$909 million in 2013 to \$712 million in 2022 (-22%), but still supported 1,376 direct and 1,171 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$1.4 billion to \$2.5 billion (71%), supporting 7,165 direct and 4,636 indirect jobs in 2022.

Exports of other services grew from \$300 million in 2013 to \$412 million in 2019 (37%), before falling due to Covid-19. They have not yet fully recovered.

Massachusetts' 3rd district's digitally tradeable services exports supported 8,541 direct and 5,806 indirect American jobs in 2022.

Top Markets for Digitally Tradeable Services from MA-3, 2022 (\$M)

Country	ICT	Potential	Total
Europe	\$331	\$1,538	\$1,869
Asia & Pacific (ex. China)	\$213	\$520	\$733
North America	\$67	\$155	\$222
Central & South America	\$50	\$130	\$180
China	\$40	\$79	\$119
Middle East & Africa	\$11	\$63	\$74

Europe was Massachusetts' 3rd district's top market for digitally tradeable services, followed by Asia & Pacific (ex. China).

Massachusetts' 3rd district's exports of potentially ICT-enabled services to Singapore grew from \$45 million in 2013 to \$251 million (+454%) in 2022.

The "Digital Dozen" accounted for \$1.0 billion out of Massachusetts' 3rd district's \$3.2 billion in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from MA-3, 2022 (\$M)

Type (ICT in bold)	Total
Research and Development and Testing Services	\$895
Royalties from Industrial Processes	\$583
Business Management and Consulting Services	\$557
Royalties from Computer Software	\$460
Computer Software Services	\$205
Other	\$498

Royalties from computer software are the top ICT services export, but fell from \$785 million in 2013 to \$460 million in 2022 (-41%).

Research and development and testing services are Massachusetts' 3rd district's top potentially ICT-enabled services export, growing from \$409 million in 2013 to \$895 million in 2022 (119%).