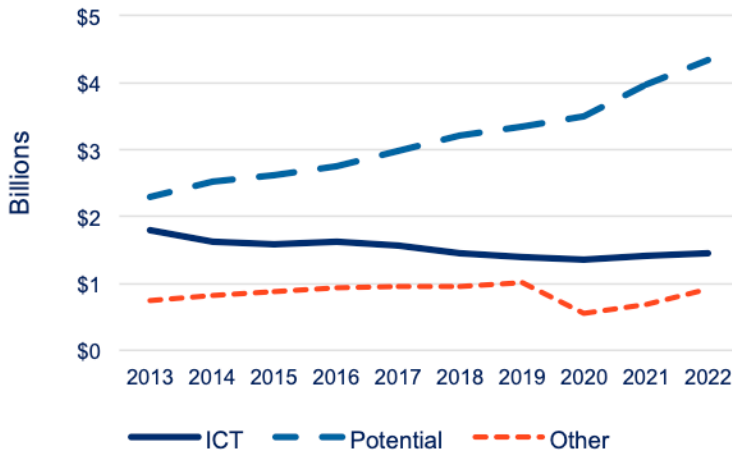




Massachusetts' 5th and Digital Trade

MA-5 Services Exports, 2013-2022



ICT services exports fell from \$1.8 billion in 2013 to \$1.5 billion in 2022 (-19%), but still supported 2,864 direct and 2,381 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$2.3 billion to \$4.3 billion (90%), supporting 12,807 direct and 8,776 indirect jobs in 2022.

Exports of other services grew from \$734 million in 2013 to \$1.0 billion in 2019 (39%), before falling sharply due to Covid-19. They have only just recovered.

Massachusetts' 5th district's digitally tradeable services exports supported 15,672 direct and 11,158 indirect American jobs in 2022.

Top Markets for Digitally Tradeable Services from MA-5, 2022 (\$M)

Country	ICT	Potential	Total
Europe	\$670	\$2,527	\$3,197
Asia & Pacific (ex. China)	\$434	\$892	\$1,326
Central & South America	\$103	\$426	\$529
North America	\$139	\$293	\$432
China	\$82	\$92	\$174
Middle East & Africa	\$22	\$116	\$138

Europe was Massachusetts' 5th district's top market for digitally tradeable services, followed by Asia & Pacific (ex. China).

Massachusetts' 5th district's exports of potentially ICT-enabled services to Singapore grew from \$65 million in 2013 to \$431 million (+558%) in 2022.

The "Digital Dozen" accounted for \$2.0 billion out of Massachusetts' 5th district's \$5.8 billion in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from MA-5, 2022 (\$M)

Type (ICT in bold)	Total
Research and Development and Testing Services	\$1,523
Business Management and Consulting Services	\$1,292
Royalties from Computer Software	\$926
Computer Software Services	\$448
Royalties from Industrial Processes	\$368
Other	\$1,240

Royalties from computer software are the top ICT services export, but fell from \$1.6 billion in 2013 to \$926 million in 2022 (-41%).

Research and development and testing services are Massachusetts' 5th district's top potentially ICT-enabled services export, growing from \$679 million in 2013 to \$1.5 billion in 2022 (124%).