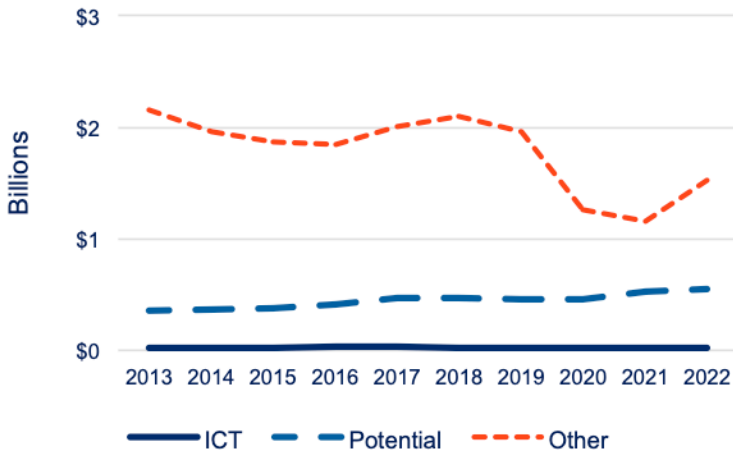




Michigan's 13th and Digital Trade

MI-13 Services Exports, 2013-2022



ICT services exports fell from \$23 million in 2013 to \$20 million in 2022 (-16%), but still supported 52 direct and 43 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$356 million to \$545 million (53%), supporting 1,463 direct and 1,285 indirect jobs in 2022.

Exports of other services declined from \$2.2 billion in 2013 to \$2.0 billion in 2019 (-9%), and then fell sharply due to Covid-19. They have not yet fully recovered.

Michigan's 13th district's digitally tradeable services exports supported 1,514 direct and 1,328 indirect American jobs in 2022.

Top Markets for Digitally Tradeable Services from MI-13, 2022 (\$M)

Country	ICT	Potential	Total
Europe	\$8.5	\$277	\$285
Asia & Pacific (ex. China)	\$5.2	\$109	\$115
North America	\$2.9	\$80	\$83
Central & South America	\$1.8	\$41	\$43
China	\$0.9	\$18	\$19
Middle East & Africa	\$0.4	\$19	\$19

Europe was Michigan's 13th district's top market for digitally tradeable services, followed by Asia & Pacific (ex. China).

Michigan's 13th district's exports of potentially ICT-enabled services to Singapore grew from \$10 million in 2013 to \$42 million (+316%) in 2022.

The "Digital Dozen" accounted for \$233 million out of Michigan's 13th district's \$564 million in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from MI-13, 2022 (\$M)

Type (ICT in bold)	Total
Business Management and Consulting Services	\$96
Advertising	\$91
Royalties from Industrial Processes	\$77
Research and Development and Testing Services	\$68
Architectural, Engineering, and Misc. Technical Services	\$36
Other	\$197

Computer software services are the top ICT services export, remaining constant around \$13 million in both 2013 and 2022.

Business management and consulting services are Michigan's 13th district's top potentially ICT-enabled services export, growing from \$27 million in 2013 to \$96 million in 2022 (249%).