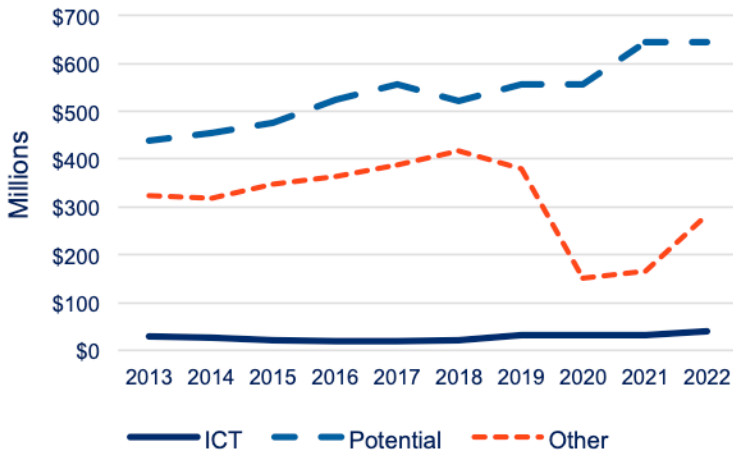




# Michigan's 3rd and Digital Trade

MI-3 Services Exports, 2013-2022



ICT services exports grew from \$30 million in 2013 to \$40 million in 2022 (31%), supporting 67 direct and 102 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$438 million to \$646 million (47%), supporting 1,952 direct and 1,459 indirect jobs in 2022.

Exports of other services grew from \$323 million in 2013 to \$381 million in 2019 (18%), before falling sharply due to Covid-19. They have not yet fully recovered.

**Michigan's 3rd district's digitally tradeable services exports supported 2,019 direct and 1,562 indirect American jobs in 2022.**

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

Country	ICT	Potential	Total
Europe	\$19	\$358	\$377
Asia & Pacific (ex. China)	\$8.4	\$126	\$134
North America	\$5.9	\$66	\$72
Central & South America	\$4.4	\$45	\$49
China	\$1.3	\$34	\$35
Middle East & Africa	\$1.1	\$17	\$18

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

Michigan's 3rd district's exports of potentially ICT-enabled services to Netherlands grew from \$16 million in 2013 to \$43 million (+172%) in 2022.

The "Digital Dozen" accounted for \$246 million out of Michigan's 3rd district's \$686 million in exports of digitally tradeable services in 2022.

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

Type (ICT in bold)	Total
Royalties from Industrial Processes	\$235
Misc. Business, Professional, and Technical Services	\$91
Business Management and Consulting Services	\$70
Payments for Trademarks	\$52
Insurance Services	\$48
Other	\$190

Miscellaneous computer services are the top ICT services export, growing from \$628,000 in 2013 to \$15 million in 2022 (2,304%).

Royalties from industrial processes are Michigan's 3rd district's top potentially ICT-enabled services export, growing from \$143 million in 2013 to \$235 million in 2022 (65%).