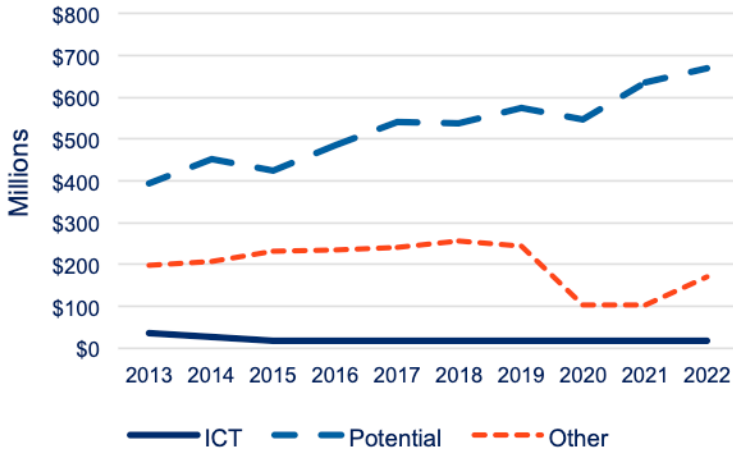




Ohio's 4th and Digital Trade

OH-4 Services Exports, 2013-2022



ICT services exports fell from \$35 million in 2013 to \$19 million in 2022 (-46%), but still supported 59 direct and 42 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$394 million to \$670 million (70%), supporting 1,844 direct and 1,199 indirect jobs in 2022.

Exports of other services grew from \$199 million in 2013 to \$244 million in 2019 (23%), before falling sharply due to Covid-19. They have not yet fully recovered.

Ohio's 4th district's digitally tradeable services exports supported 1,903 direct and 1,241 indirect American jobs in 2022.

Top Markets for Digitally Tradeable Services from OH-4, 2022 (\$M)

Country	ICT	Potential	Total
Europe	\$7.8	\$339	\$347
Asia & Pacific (ex. China)	\$5.0	\$117	\$122
Central & South America	\$1.9	\$91	\$93
North America	\$3.2	\$67	\$70
China	\$0.9	\$32	\$33
Middle East & Africa	\$0.5	\$23	\$24

Europe was Ohio's 4th district's top market for digitally tradeable services, followed by Asia & Pacific (ex. China).

Ohio's 4th district's exports of potentially ICT-enabled services to Netherlands grew from \$14 million in 2013 to \$32 million (+125%) in 2022.

The "Digital Dozen" accounted for \$253 million out of Ohio's 4th district's \$689 million in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from OH-4, 2022 (\$M)

Type (ICT in bold)	Total
Royalties from Industrial Processes	\$161
Misc. Financial Services	\$107
Implicit Financial Services	\$103
Business Management and Consulting Services	\$47
Payments for Trademarks	\$38
Other	\$233

Computer software services are the top ICT services export, but fell from \$19 million in 2013 to \$17 million in 2022 (-11%).

Royalties from industrial processes are Ohio's 4th district's top potentially ICT-enabled services export, growing from \$98 million in 2013 to \$161 million in 2022 (64%).