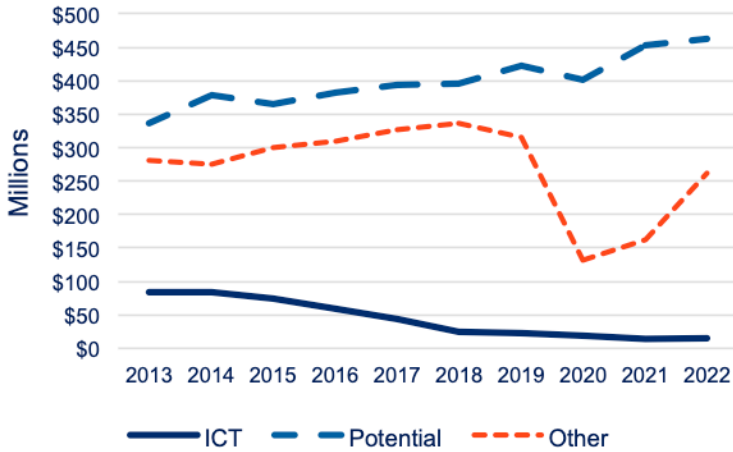




Minnesota's 1st and Digital Trade

MN-1 Services Exports, 2013-2022



ICT services exports fell from \$84 million in 2013 to \$16 million in 2022 (-81%), but still supported 20 direct and 20 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$336 million to \$463 million (38%), supporting 1,162 direct and 797 indirect jobs in 2022.

Exports of other services grew from \$281 million in 2013 to \$315 million in 2019 (12%), before falling sharply due to Covid-19. They have not yet fully recovered.

Minnesota's 1st district's digitally tradeable services exports supported 1,182 direct and 817 indirect American jobs in 2022.

Top Markets for Digitally Tradeable Services from MN-1, 2022 (\$M)

Country	ICT	Potential	Total
Europe	\$5.9	\$261	\$267
Asia & Pacific (ex. China)	\$3.0	\$80	\$83
North America	\$1.9	\$43	\$45
Central & South America	\$4.1	\$40	\$44
China	\$0.5	\$25	\$26
Middle East & Africa	\$0.4	\$13	\$14

Europe was Minnesota's 1st district's top market for digitally tradeable services, followed by Asia & Pacific (ex. China).

Minnesota's 1st district's exports of potentially ICT-enabled services to Ireland grew from \$31 million in 2013 to \$67 million (+115%) in 2022.

The "Digital Dozen" accounted for \$160 million out of Minnesota's 1st district's \$478 million in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from MN-1, 2022 (\$M)

Type (ICT in bold)	Total
Royalties from Industrial Processes	\$188
Misc. Financial Services	\$48
Implicit Financial Services	\$46
Payments for Trademarks	\$36
Research and Development and Testing Services	\$32
Other	\$127

Telecommunications services are the top ICT services export, but fell from \$31 million in 2013 to \$8.7 million in 2022 (-72%).

Royalties from industrial processes are Minnesota's 1st district's top potentially ICT-enabled services export, growing from \$154 million in 2013 to \$188 million in 2022 (22%).