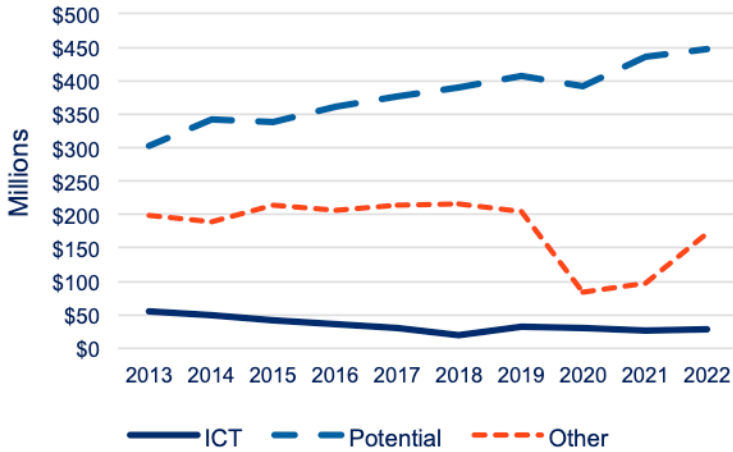




Minnesota's 7th and Digital Trade

MN-7 Services Exports, 2013-2022



ICT services exports fell from \$54 million in 2013 to \$28 million in 2022 (-48%), but still supported 50 direct and 44 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$303 million to \$446 million (48%), supporting 1,024 direct and 690 indirect jobs in 2022.

Exports of other services grew slightly from \$198 million in 2013 to \$205 million in 2019 (3%), before falling sharply due to Covid-19. They have not yet fully recovered.

Minnesota's 7th district's digitally tradeable services exports supported 1,074 direct and 734 indirect American jobs in 2022.

Top Markets for Digitally Tradeable Services from MN-7, 2022 (\$M)

Country	ICT	Potential	Total
Europe	\$13	\$248	\$260
Asia & Pacific (ex. China)	\$7.7	\$74	\$82
Central & South America	\$3.5	\$46	\$50
North America	\$2.9	\$41	\$44
China	\$1.4	\$24	\$25
Middle East & Africa	\$0.5	\$12	\$13

Europe was Minnesota's 7th district's top market for digitally tradeable services, followed by Asia & Pacific (ex. China).

Minnesota's 7th district's exports of potentially ICT-enabled services to Switzerland grew from \$28 million in 2013 to \$61 million (+113%) in 2022.

The "Digital Dozen" accounted for \$162 million out of Minnesota's 7th district's \$475 million in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from MN-7, 2022 (\$M)

Type (ICT in bold)	Total
Royalties from Industrial Processes	\$188
Misc. Financial Services	\$64
Implicit Financial Services	\$62
Payments for Trademarks	\$31
Research and Development and Testing Services	\$21
Other	\$108

Royalties from computer software are the top ICT services export, but fell from \$35 million in 2013 to \$16 million in 2022 (-54%).

Royalties from industrial processes are Minnesota's 7th district's top potentially ICT-enabled services export, growing from \$131 million in 2013 to \$188 million in 2022 (44%).