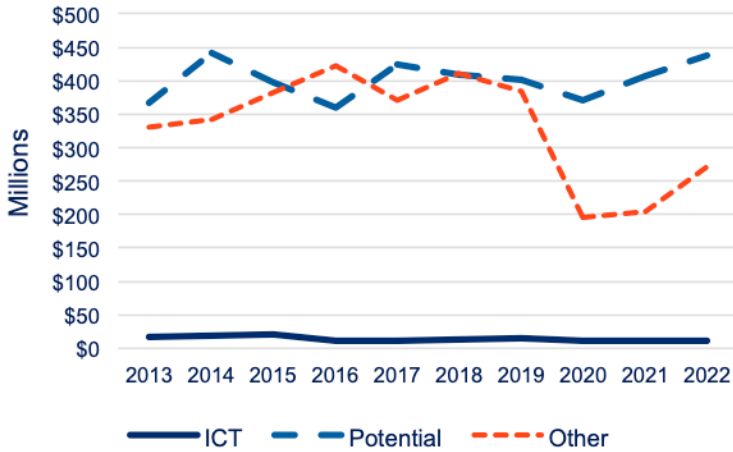




Iowa's 4th and Digital Trade

IA-4 Services Exports, 2013-2022



ICT services exports fell from \$17 million in 2013 to \$11 million in 2022 (-31%). They supported 21 direct and 29 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$366 million to \$438 million (20%), supporting 1,117 direct and 708 indirect jobs in 2022.

Exports of other services grew from \$331 million in 2013 to \$384 million in 2019 (16%), before falling sharply due to Covid-19. They have not yet fully recovered.

Iowa's 4th district's digitally tradeable services exports supported 1,138 direct and 737 indirect American jobs in 2022.

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

Country	ICT	Potential	Total
Europe	\$5.3	\$242	\$248
Asia & Pacific (ex. China)	\$2.5	\$84	\$86
Central & South America	\$1.1	\$39	\$41
North America	\$1.8	\$37	\$38
China	\$0.4	\$23	\$24
Middle East & Africa	\$0.2	\$12	\$13

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

Iowa's 4th district's exports of potentially ICT-enabled services to Singapore grew from \$11 million in 2013 to \$25 million (+134%) in 2022.

The "Digital Dozen" accounted for \$157 million out of Iowa's 4th district's \$449 million in exports of digitally tradeable services in 2022.

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

Type (ICT in bold)	Total
Royalties from Industrial Processes	\$159
Research and Development and Testing Services	\$63
Implicit Financial Services	\$50
Misc. Financial Services	\$46
Payments for Trademarks	\$37
Other	\$95

Miscellaneous computer services are the top ICT services export, but fell from \$8.1 million in 2013 to \$4.0 million in 2022 (-51%).

Royalties from industrial processes are Iowa's 4th district's top potentially ICT-enabled services export, but fell from \$169 million in 2013 to \$159 million in 2022 (-6%).