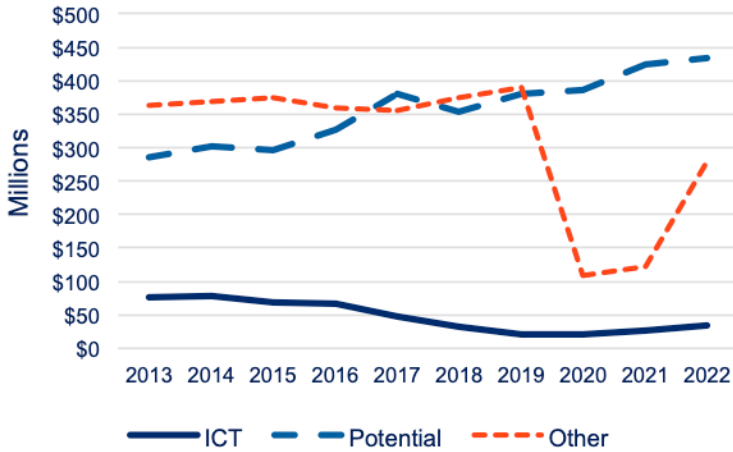




# Pennsylvania's 8th and Digital Trade

PA-8 Services Exports, 2013-2022



ICT services exports fell from \$76 million in 2013 to \$33 million in 2022 (-56%), but still supported 48 direct and 42 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$285 million to \$433 million (52%), supporting 1,240 direct and 843 indirect jobs in 2022.

Exports of other services grew from \$363 million in 2013 to \$390 million in 2019 (7%), before falling sharply due to Covid-19. They have not yet fully recovered.

**Pennsylvania's 8th district's digitally tradeable services exports supported 1,288 direct and 885 indirect American jobs in 2022.**

Top Markets for Digitally Tradeable Services from PA-8, 2022 (\$M)

Country	ICT	Potential	Total
Europe	\$11	\$227	\$238
Asia & Pacific (ex. China)	\$4.8	\$92	\$97
Central & South America	\$11	\$37	\$48
North America	\$5.0	\$41	\$46
China	\$0.7	\$20	\$21
Middle East & Africa	\$1.1	\$15	\$16

Europe was Pennsylvania's 8th district's top market for digitally tradeable services, followed by Asia & Pacific (ex. China).

Pennsylvania's 8th district's exports of potentially ICT-enabled services to the Netherlands grew from \$10 million in 2013 to \$22 million (+121%) in 2022.

The "Digital Dozen" accounted for \$180 million out of Pennsylvania's 8th district's \$466 million in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from PA-8, 2022 (\$M)

Type (ICT in bold)	Total
Royalties from Industrial Processes	\$108
Research and Development and Testing Services	\$74
Insurance Services	\$46
Misc. Business, Professional, and Technical Services	\$43
Payments for Trademarks	\$36
Other	\$160

Telecommunications services are the top ICT services export, but fell from \$70 million in 2013 to \$25 million in 2022 (-64%).

Royalties from industrial processes are Pennsylvania's 8th district's top potentially ICT-enabled services export, growing from \$60 million in 2013 to \$108 million in 2022 (79%).