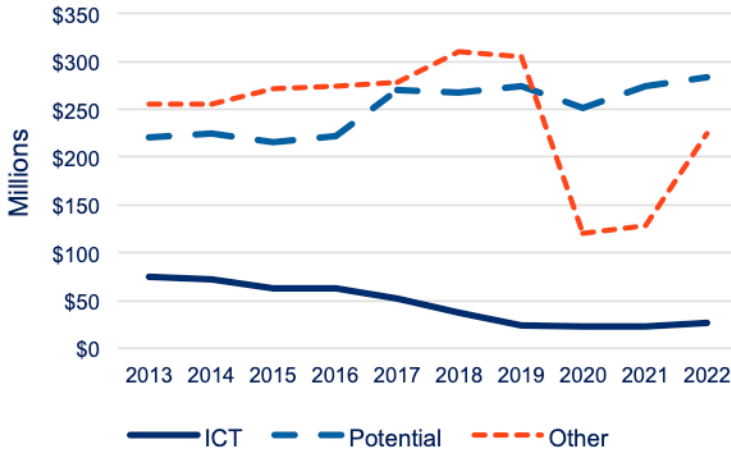




# Pennsylvania's 13th and Digital Trade

PA-13 Services Exports, 2013-2022



ICT services exports fell from \$75 million in 2013 to \$27 million in 2022 (-65%), but still supported 45 direct and 36 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$221 million to \$283 million (28%), supporting 780 direct and 538 indirect jobs in 2022.

Exports of other services grew from \$256 million in 2013 to \$305 million in 2019 (20%), before falling sharply due to Covid-19. They have not yet fully recovered.

**Pennsylvania's 13th district's digitally tradeable services exports supported 826 direct and 574 indirect American jobs in 2022.**

Top Markets for Digitally Tradeable Services from PA-13, 2022 (\$M)

Country	ICT	Potential	Total
Europe	\$8.8	\$149	\$158
Asia & Pacific (ex. China)	\$4.4	\$58	\$62
Central & South America	\$7.8	\$25	\$33
North America	\$4.0	\$28	\$32
China	\$0.7	\$14	\$14
Middle East & Africa	\$0.8	\$9.6	\$10

Europe was Pennsylvania's 13th district's top market for digitally tradeable services, followed by Asia & Pacific (ex. China).

Pennsylvania's 13th district's exports of potentially ICT-enabled services to Ireland grew from \$17 million in 2013 to \$37 million (+115%) in 2022.

The "Digital Dozen" accounted for \$117 million out of Pennsylvania's 13th district's \$310 million in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from PA-13, 2022 (\$M)

Type (ICT in bold)	Total
Royalties from Industrial Processes	\$67
Research and Development and Testing Services	\$52
Implicit Financial Services	\$31
Payments for Trademarks	\$29
Misc. Business, Professional, and Technical Services	\$23
Other	\$109

Telecommunications services are the top ICT services export, but fell from \$65 million in 2013 to \$17 million in 2022 (-74%).

Royalties from industrial processes are Pennsylvania's 13th district's top potentially ICT-enabled services export, growing from \$50 million in 2013 to \$67 million in 2022 (33%).