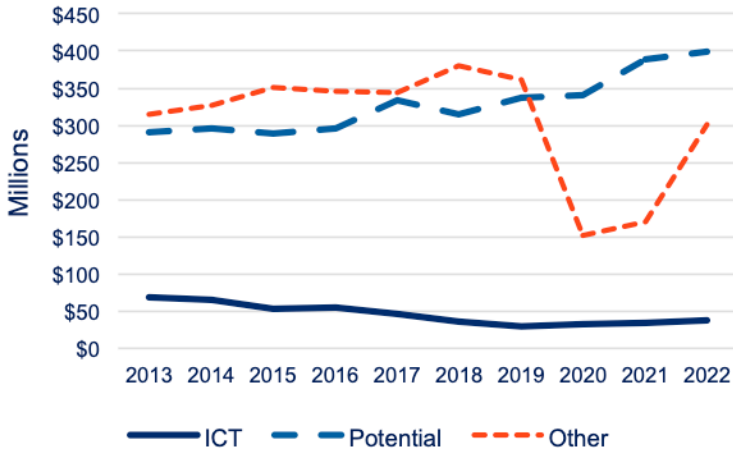




Pennsylvania's 16th and Digital Trade

PA-16 Services Exports, 2013-2022



ICT services exports fell from \$68 million in 2013 to \$37 million in 2022 (-46%), but still supported 69 direct and 57 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$291 million to \$400 million (37%), supporting 1,236 direct and 815 indirect jobs in 2022.

Exports of other services grew from \$315 million in 2013 to \$361 million in 2019 (15%), before falling sharply due to Covid-19. They have not yet fully recovered.

Pennsylvania's 16th district's digitally tradeable services exports supported 1,306 direct and 872 indirect American jobs in 2022.

Top Markets for Digitally Tradeable Services from PA-16, 2022 (\$M)

Country	ICT	Potential	Total
Europe	\$13	\$207	\$221
Asia & Pacific (ex. China)	\$7.3	\$81	\$88
Central & South America	\$8.7	\$39	\$47
North America	\$5.3	\$41	\$46
China	\$1.2	\$19	\$20
Middle East & Africa	\$1.0	\$13	\$14

Europe was Pennsylvania's 16th district's top market for digitally tradeable services, followed by Asia & Pacific (ex. China).

Pennsylvania's 16th district's exports of potentially ICT-enabled services to Ireland grew from \$23 million in 2013 to \$50 million (+120%) in 2022.

The "Digital Dozen" accounted for \$168 million out of Pennsylvania's 16th district's \$437 million in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from PA-16, 2022 (\$M)

Type (ICT in bold)	Total
Royalties from Industrial Processes	\$96
Insurance Services	\$57
Business Management and Consulting Services	\$43
Payments for Trademarks	\$38
Research and Development and Testing Services	\$34
Other	\$169

Telecommunications services are the top ICT services export, but fell from \$58 million in 2013 to \$17 million in 2022 (-71%).

Royalties from industrial processes are Pennsylvania's 16th district's top potentially ICT-enabled services export, growing from \$90 million in 2013 to \$96 million in 2022 (7%).