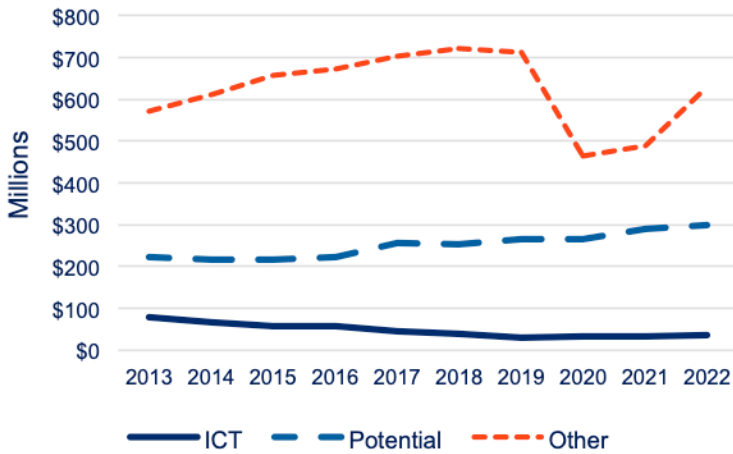




Pennsylvania's 15th and Digital Trade

PA-15 Services Exports, 2013-2022



ICT services exports fell from \$78 million in 2013 to \$36 million in 2022 (-54%), but still supported 55 direct and 52 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$222 million to \$300 million (35%), supporting 708 direct and 558 indirect jobs in 2022.

Exports of other services grew from \$573 million in 2013 to \$711 million in 2019 (24%), before falling sharply due to Covid-19. They have not yet fully recovered.

Pennsylvania's 15th district's digitally tradeable services exports supported 763 direct and 611 indirect American jobs in 2022.

Top Markets for Digitally Tradeable Services from PA-15, 2022 (\$M)

Country	ICT	Potential	Total
Europe	\$14	\$159	\$173
Asia & Pacific (ex. China)	\$7.6	\$55	\$63
Central & South America	\$7.7	\$36	\$44
North America	\$4.4	\$27	\$31
China	\$1.3	\$14	\$15
Middle East & Africa	\$0.9	\$8.6	\$9.5

Europe was Pennsylvania's 15th district's top market for digitally tradeable services, followed by Asia & Pacific (ex. China).

Pennsylvania's 15th district's exports of potentially ICT-enabled services to Ireland grew from \$17 million in 2013 to \$42 million (+149%) in 2022.

The "Digital Dozen" accounted for \$115 million out of Pennsylvania's 15th district's \$335 million in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from PA-15, 2022 (\$M)

Type (ICT in bold)	Total
Royalties from Industrial Processes	\$86
Research and Development and Testing Services	\$48
Payments for Trademarks	\$33
Financial Management and Advisory Services	\$27
Implicit Financial Services	\$25
Other	\$117

Telecommunications services are the top ICT services export, but fell from \$59 million in 2013 to \$15 million in 2022 (-75%).

Royalties from industrial processes are Pennsylvania's 15th district's top potentially ICT-enabled services export, growing from \$59 million in 2013 to \$86 million in 2022 (45%).