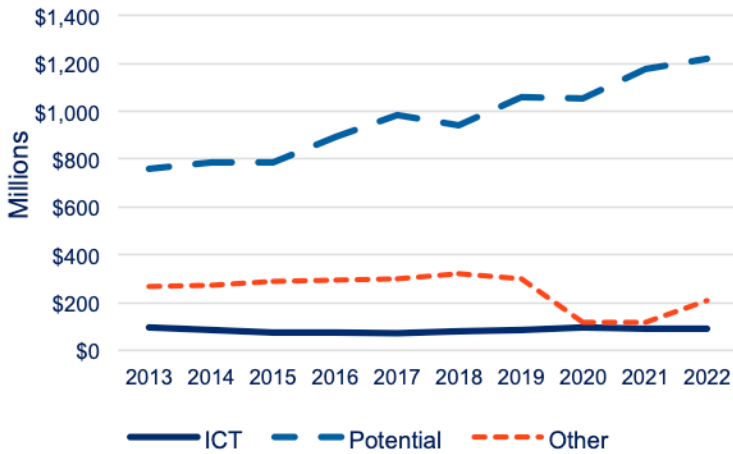




Pennsylvania's 1st and Digital Trade

PA-1 Services Exports, 2013-2022



ICT services exports fell from \$98 million in 2013 to \$91 million in 2022 (-7%), but still supported 176 direct and 174 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$757 million to \$1.2 billion (61%), supporting 3,229 direct and 2,484 indirect jobs in 2022.

Exports of other services grew from \$268 million in 2013 to \$301 million in 2019 (12%), before falling sharply due to Covid-19. They have not yet fully recovered.

Pennsylvania's 1st district's digitally tradeable services exports supported 3,404 direct and 2,657 indirect American jobs in 2022.

Top Markets for Digitally Tradeable Services from PA-1, 2022 (\$M)

Country	ICT	Potential	Total
Europe	\$41	\$671	\$712
Asia & Pacific (ex. China)	\$24	\$241	\$265
Central & South America	\$9.4	\$116	\$125
North America	\$11	\$109	\$119
China	\$4.2	\$48	\$52
Middle East & Africa	\$1.9	\$34	\$36

Europe was Pennsylvania's 1st district's top market for digitally tradeable services, followed by Asia & Pacific (ex. China).

Pennsylvania's 1st district's exports of potentially ICT-enabled services to Singapore grew from \$21 million in 2013 to \$101 million (+383%) in 2022.

The "Digital Dozen" accounted for \$446 million out of Pennsylvania's 1st district's \$1.3 billion in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from PA-1, 2022 (\$M)

Type (ICT in bold)	Total
Royalties from Industrial Processes	\$342
Research and Development and Testing Services	\$279
Business Management and Consulting Services	\$136
Financial Management and Advisory Services	\$86
Advertising	\$85
Other	\$382

Royalties from computer software are the top ICT services export, growing from \$31 million in 2013 to \$35 million in 2022 (14%).

Royalties from industrial processes are Pennsylvania's 1st district's top potentially ICT-enabled services export, growing from \$213 million in 2013 to \$342 million in 2022 (61%).