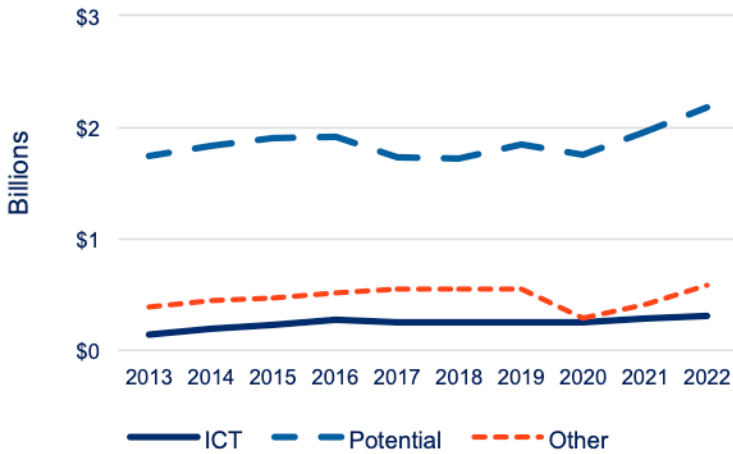




# North Carolina's 4th and Digital Trade

NC-4 Services Exports, 2013-2022



ICT services exports grew from \$141 million in 2013 to \$312 million in 2022 (122%), supporting 635 direct and 537 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$1.7 billion to \$2.2 billion (25%), supporting 5,308 direct and 3,636 indirect jobs in 2022.

Exports of other services grew from \$388 million in 2013 to \$552 million in 2019 (42%), before falling sharply due to Covid-19. They have not yet fully recovered.

## North Carolina's 4th district's digitally tradeable services exports supported 5,944 direct and 4,173 indirect American jobs in 2022.

Top Markets for Digitally Tradeable Services from NC-4, 2022 (\$M)

Country	ICT	Potential	Total
Europe	\$143	\$1,361	\$1,504
Asia & Pacific (ex. China)	\$92	\$485	\$577
North America	\$32	\$109	\$140
Central & South America	\$22	\$104	\$126
China	\$17	\$71	\$88
Middle East & Africa	\$5.0	\$45	\$50

Europe was North Carolina's 4th district's top market for digitally tradeable services, followed by Asia & Pacific (ex. China).

North Carolina's 4th district's exports of ICT services to Ireland grew from \$23 million in 2013 to \$57 million (+149%) in 2022.

The "Digital Dozen" accounted for \$791 million out of North Carolina's 4th district's \$2.5 billion in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from NC-4, 2022 (\$M)

Type (ICT in bold)	Total
Research and Development and Testing Services	\$1,011
Royalties from Industrial Processes	\$663
Business Management and Consulting Services	\$198
<b>Royalties from Computer Software</b>	\$181
<b>Computer Software Services</b>	\$106
Other	\$328

Royalties from computer software are the top ICT services export, growing from \$114 million in 2013 to \$181 million in 2022 (59%).

Research and development and testing services are North Carolina's 4th district's top potentially ICT-enabled services export, growing from \$723 million in 2013 to \$1.0 billion in 2022 (40%).