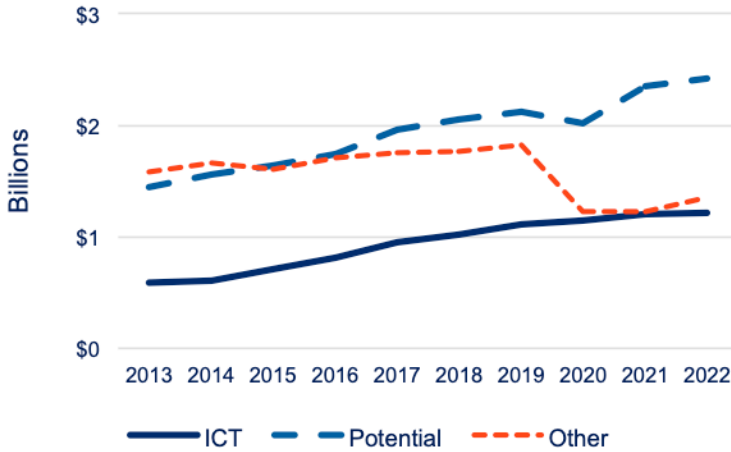




California's 12th and Digital Trade

CA-12 Services Exports, 2013-2022



ICT services exports grew from \$589 million in 2013 to \$1.2 billion in 2022 (106%), supporting 2,190 direct and 2,660 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$1.4 billion to \$2.4 billion (68%), supporting 6,570 direct and 4,578 indirect jobs in 2022.

Exports of other services grew from \$1.6 billion in 2013 to \$1.8 billion in 2019 (16%), before falling sharply due to Covid-19. They have not yet fully recovered.

California's 12th district's digitally tradeable services exports supported 8,760 direct and 7,237 indirect American jobs in 2022.

Top Markets for Digitally Tradeable Services from CA-12, 2022 (\$M)

Country	ICT	Potential	Total
Europe	\$575	\$1,462	\$2,037
Asia & Pacific (ex. China)	\$310	\$526	\$836
North America	\$147	\$179	\$326
Central & South America	\$101	\$122	\$223
China	\$54	\$72	\$126
Middle East & Africa	\$28	\$64	\$92

Europe was California's 12th district's top market for digitally tradeable services, followed by Asia & Pacific (ex. China).

California's 12th district's exports of ICT services to Germany grew from \$20 million in 2013 to \$86 million (+325%) in 2022.

The "Digital Dozen" accounted for \$1.3 billion out of California's 12th district's \$3.6 billion in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from CA-12, 2022 (\$M)

Type (ICT in bold)	Total
Research and Development and Testing Services	\$970
Royalties from Industrial Processes	\$523
Business Management and Consulting Services	\$435
Royalties from Computer Software	\$409
Misc. Computer Services	\$283
Other	\$1,019

Royalties from computer software are the top ICT services export, but fell from \$422 million in 2013 to \$409 million in 2022 (-3%).

Research and development and testing services are California's 12th district's top potentially ICT-enabled services export, growing from \$436 million in 2013 to \$970 million in 2022 (122%).