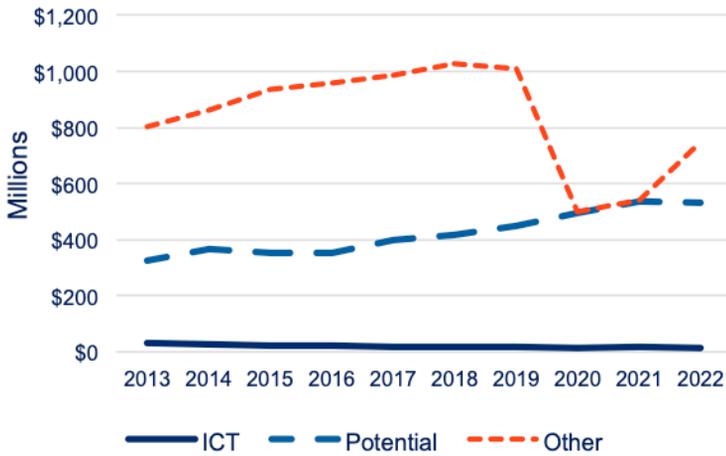




# California's 4th and Digital Trade

CA-4 Services Exports, 2013-2022



ICT services exports fell from \$31 million in 2013 to \$15 million in 2022 (-50%), but still supported 24 direct and 20 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$324 million to \$531 million (64%), supporting 1,629 direct and 1,229 indirect jobs in 2022.

Exports of other services grew from \$804 million in 2013 to \$1.0 billion in 2019 (25%), before falling sharply due to Covid-19. They have not yet fully recovered.

**California's 4th district's digitally tradeable services exports supported 1,653 direct and 1,250 indirect American jobs in 2022.**

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

Country	ICT	Potential	Total
Europe	\$5.0	\$276	\$281
Asia & Pacific (ex. China)	\$2.4	\$101	\$104
Central & South America	\$4.9	\$56	\$61
North America	\$2.3	\$56	\$58
China	\$0.3	\$22	\$23
Middle East & Africa	\$0.5	\$19	\$20

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

California's 4th district's exports of potentially ICT-enabled services to the Netherlands grew from \$12 million in 2013 to \$28 million (+125%) in 2022.

The "Digital Dozen" accounted for \$193 million out of California's 4th district's \$547 million in exports of digitally tradeable services in 2022.

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

Type (ICT in bold)	Total
<b>Business Management and Consulting Services</b>	\$96
Royalties from Industrial Processes	\$94
Research and Development and Testing Services	\$59
Misc. Business, Professional, and Technical Services	\$54
Payments for Trademarks	\$43
Other	\$202

Telecommunications services are the top ICT services export, but fell from \$21 million in 2013 to \$11 million in 2022 (-49%).

Business management and consulting services are California's 4th district's top potentially ICT-enabled services export, growing from \$23 million in 2013 to \$96 million in 2022 (309%).