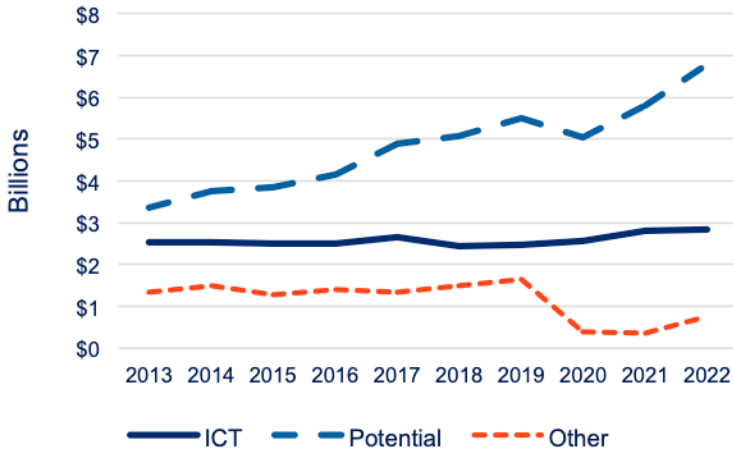




# California's 15th and Digital Trade

CA-15 Services Exports, 2013-2022



ICT services exports grew from \$2.5 billion in 2013 to \$2.9 billion in 2022 (13%), supporting 4,998 direct and 4,954 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$3.4 billion to \$6.8 billion (102%), supporting 11,893 direct and 13,213 indirect jobs in 2022.

Exports of other services grew from \$1.3 billion in 2013 to \$1.7 billion in 2019 (23%), before falling sharply due to Covid-19. They have not yet fully recovered.

**California's 15th district's digitally tradeable services exports supported 16,892 direct and 18,167 indirect American jobs in 2022.**

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

Country	ICT	Potential	Total
Europe	\$1,341	\$3,764	\$5,105
Asia & Pacific (ex. China)	\$814	\$1,399	\$2,212
Central & South America	\$228	\$910	\$1,138
North America	\$275	\$339	\$614
China	\$151	\$169	\$319
Middle East & Africa	\$48	\$214	\$262

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

California's 15th district's exports of potentially ICT-enabled services to Singapore grew from \$85 million in 2013 to \$627 million (+638%) in 2022.

The "Digital Dozen" accounted for \$3.2 billion out of California's 15th district's \$9.7 billion in exports of digitally tradeable services in 2022.

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

Type (ICT in bold)	Total
Research and Development and Testing Services	\$2,497
<b>Royalties from Computer Software</b>	\$1,711
Database and Other Information Services	\$1,478
Financial Management and Advisory Services	\$1,138
Royalties from Industrial Processes	\$971
Other	\$1,857

Royalties from computer software are the top ICT services export, but fell from \$2.3 billion in 2013 to \$1.7 billion in 2022 (-25%).

Research and development and testing services are California's 15th district's top potentially ICT-enabled services export, growing from \$1.0 billion in 2013 to \$2.5 billion in 2022 (142%).