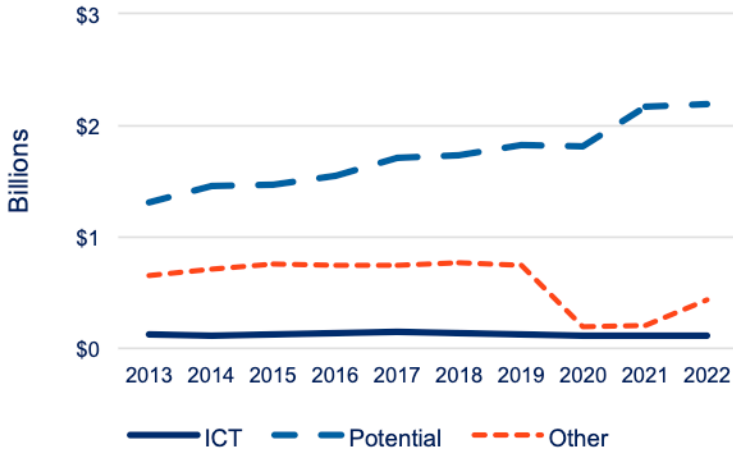




California's 46th and Digital Trade

CA-46 Services Exports, 2013-2022



ICT services exports fell from \$127 million in 2013 to \$111 million in 2022 (-13%), but still supported 244 direct and 205 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from \$1.3 billion to \$2.2 billion (67%), supporting 5,656 direct and 4,183 indirect jobs in 2022.

Exports of other services grew from \$651 million in 2013 to \$749 million in 2019 (15%), before falling sharply due to Covid-19. They have not yet fully recovered.

California's 46th district's digitally tradeable services exports supported 5,899 direct and 4,388 indirect American jobs in 2022.

Top Markets for Digitally Tradeable Services from CA-46, 2022 (\$M)

Country	ICT	Potential	Total
Europe	\$50	\$1,086	\$1,135
Asia & Pacific (ex. China)	\$31	\$401	\$432
Central & South America	\$9.1	\$338	\$347
North America	\$13	\$180	\$193
China	\$5.7	\$90	\$96
Middle East & Africa	\$2.1	\$92	\$94

Europe was California's 46th district's top market for digitally tradeable services, followed by Asia & Pacific (ex. China).

California's 46th district's exports of potentially ICT-enabled services to India grew from \$9.7 million in 2013 to \$31 million (+217%) in 2022.

The "Digital Dozen" accounted for \$743 million out of California's 46th district's \$2.3 billion in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from CA-46, 2022 (\$M)

Type (ICT in bold)	Total
Royalties from Industrial Processes	\$516
Financial Management and Advisory Services	\$344
Credit-Related Services	\$343
Business Management and Consulting Services	\$272
Research and Development and Testing Services	\$232
Other	\$591

Royalties from computer software are the top ICT services export, but fell from \$108 million in 2013 to \$49 million in 2022 (-54%). These were partially offset by a \$34 million increase in computer software services.

Royalties from industrial processes are California's 46th district's top potentially ICT-enabled services export, growing from \$323 million in 2013 to \$516 million in 2022 (60%).