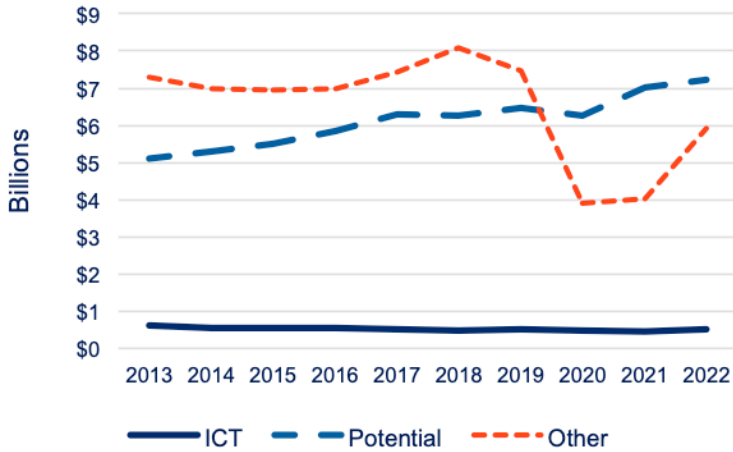# Michigan and Digital Trade

Michigan Services Exports, 2013-2022

ICT services exports declined from $617 million in 2013 to $521 million in 2022 (-16%), but still supported 1,172 direct and 1,214 indirect jobs in 2022.

Potentially ICT-enabled services exports grew from $5.1 billion to $7.2 billion (42%), supporting 21,686 direct and 16,193 indirect jobs in 2022.

Exports of other services grew slightly from $7.3 billion in 2013 to $7.5 billion in 2019 (2%), before falling sharply due to Covid-19. They have not yet fully recovered.

Michigan's digitally tradeable services exports supported 22,858 direct and 17,408 indirect American jobs in 2022.

Top Markets for Michigan Digitally Tradeable Services, 2022 ($M)

Country	ICT	Potential	Total
Europe	$231	$3,793	$4,024
Asia & Pacific (ex. China)	$125	$1,429	$1,554
North America	$78	$885	$963
Central & South America	$53	$523	$575
China	$21	$329	$350
Middle East & Africa	$13	$274	$286

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

Michigan exports of potentially ICT-enabled services to Singapore grew from $147 million in 2013 to $455 million (+210%) in 2022.

The "Digital Dozen" accounted for $3.0 billion out of Michigan's $7.8 billion in exports of digitally tradeable services in 2022.

Top Digitally Tradeable Services Exports from Michigan, 2022 ($M)

Type (ICT in bold)	Total
Royalties from Industrial Processes	$1,816
Business Management and Consulting Services	$1,085
Architectural, Engineering, and Misc. Technical Services	$718
Research and Development and Testing Services	$668
Misc. Business, Professional, and Technical Services	$636
Other	$2,831

Computer software services are the top ICT services export, growing from $184 million in 2013 to $238 million in 2022 (29%).

Royalties from industrial processes are Michigan's top potentially ICT-enabled services export, growing from $1.1 billion in 2013 to $1.8 billion in 2022 (59%).

Source for all data: Trade Partnership Worldwide's *CDxports* database