

Information and communication technologies (ICT): The workforce today and in 2021



In 2016, there were approximately
1,389,000
professionals working in the
Canadian digital economy



Who works
in the sector?



Female ICT workers
account for only
24%
of the ICT workforce



ICT workers age
15-25 make up
4.4%
of the total ICT workforce



ICT workers age
55-66 make up
12.7%



5 technologies that
are transforming the
digital economy



Virtual and
augmented reality



5G Mobile



3D Printing



Blockchain



Artificial
intelligence



What the future
will look like

By 2021 there is expected
to be a demand for **216,000**
digitally skilled workers

Ontario, BC and Quebec
will need the most ICT
workers by 2021

ICTC forecasts that, by 2021,
the employment in Canada's
digital economy will reach



Information courtesy of ICTC, a national centre of expertise for the digital economy. With over 25 years of experience in research and program development related to technology, ICTC has the vision of strengthening Canada's digital advantage in the global economy. Through forward-looking research, evidence-based policy advice and creative capacity-building programs, ICTC fosters innovative and globally competitive Canadian industries, empowered by a talented and diverse workforce.