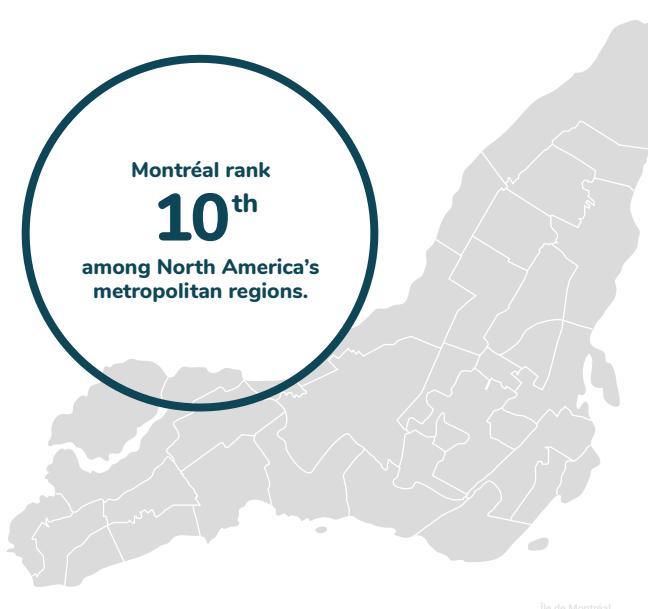
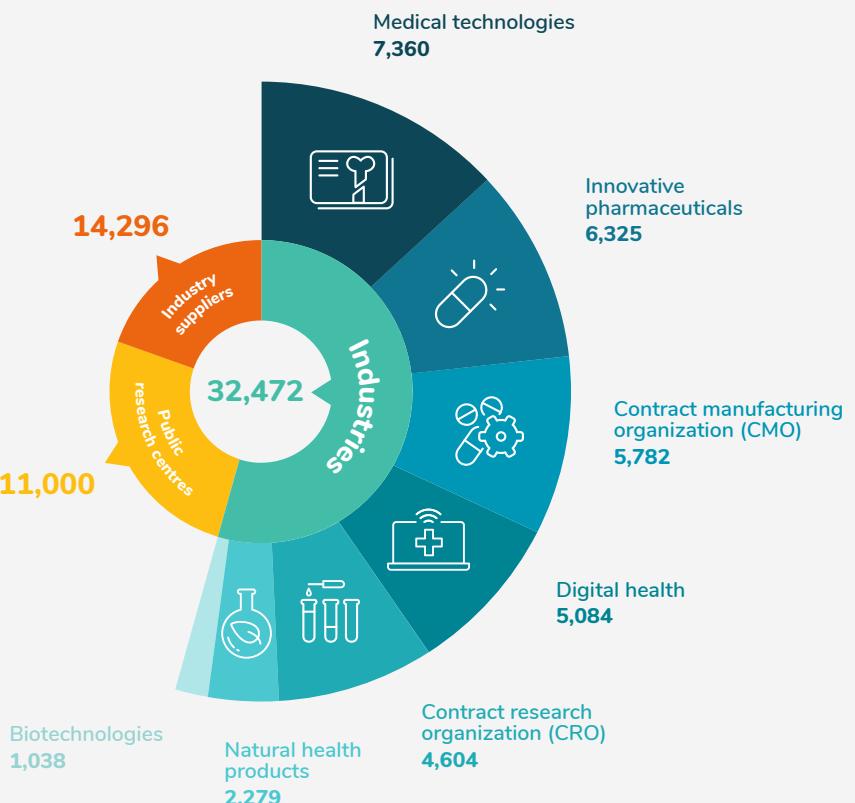


Portrait of the Montréal metropolitan area's expertise in the life sciences & health technologies sector

The Montréal LSHT* ecosystem has developed into a concentration of strong niches of excellence in which scientific and industrial partnerships flourish and strengthen through a rich and diversified talent pool. The swift emergence of health technologies, personalized medicine and genomics also acts as an engine of innovation for industries. The Montréal metropolitan area is a talent incubator that brings together a critical mass of entrepreneurs, researchers and investors, who give rise to and generate the treatments and medical technologies of tomorrow.



Proportion of jobs



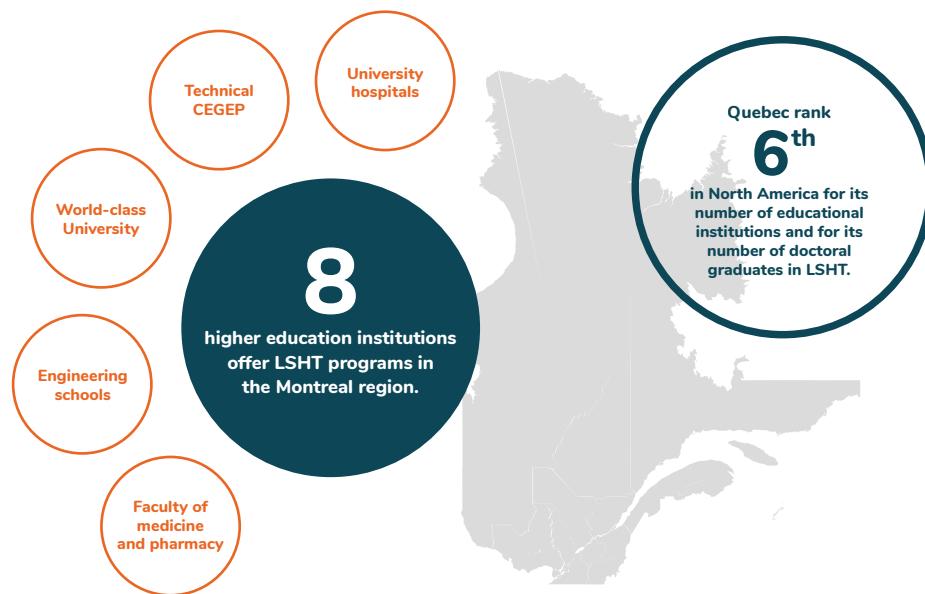
Sources : KPMG-SECOR, 2016; Montréal InVivo, 2017; Emploi Québec, 2017; Analyse Aviseo Conseil, 2018.

Portrait of the sub-sectors of LSHT (%) Quebec 2016		Distribution of companies by size (%) Quebec 2014					
		Jobs	Compagnies		100+ employees	5-99 employees	0-4 employees
	21	24	44	47	9		
	20	5	31	52	17		
	19	7	4	50	46		
	18	27	13	68	19		
	13	8	2	35	53		
	7	18	11	74	15		
	2	10	10	60	30		

Note : For IT Health, 2014 data is provided

A quality talent pool

The Montréal metropolitan area, with its four universities, two faculties of medicine, four engineering schools, its faculty of pharmacy and its specialized technical programs can rival many of the world's regions in terms of the quantity and quality of LSHT training programs.

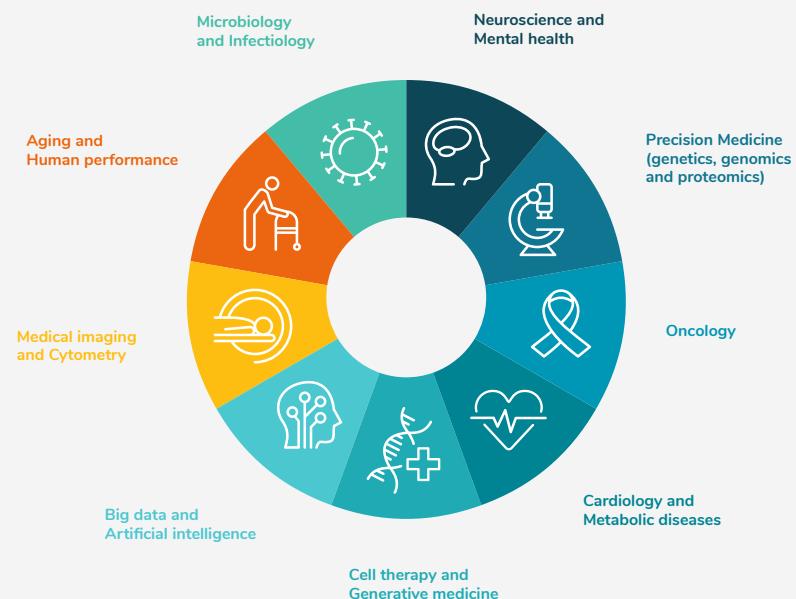


Continuing professional development

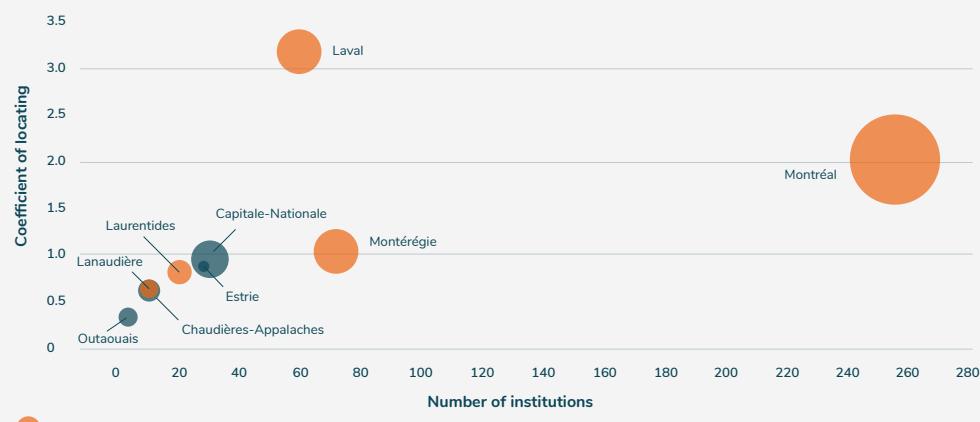
Types of training organizations	
Universities	Private Organizations
Types of skills	Examples of skills
Management	Team, project and laboratory management
Sales and marketing	Communication, basic concepts for representatives
Health and safety	Analysis, risk management, etc.
Market and industry intelligence	Health system, regulations, pharmacoeconomics, etc.
Data science	Databases, artificial intelligence, etc.
Regulation and standards	Regulations, best practices, standards, etc.
Production and laboratory work	Laboratory techniques, products, maintenance, etc.
Quality control	Best practices, failure analyses, etc.
Quality assurance	Quality assurance practices and tools, etc.
Validation	Documentation, technical drafting, etc.

Sources : KPMG-SECOR, 2016; Montréal InVivo, 2017; Emploi Québec, 2017; Analyse Aviseo Conseil, 2018.

Fields of expertise & niches of excellence



Coefficient of locating the main regions for LSHT sectors - Québec 2017



Location indices, which measure the concentration of employment in LSHT in a region, are another indicator of Montréal's significance. The high location indices of Montréal (1.8) and Laval (3.0) indicate a strong specialization of these regions in LSHT. The weight of employment in LSHT in Laval is almost three times higher than it is in all of Québec.

Portrait of the Montréal metropolitan area's expertise in LSHT sector - Montréal InVivo, 2018