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# CLINICAL TRIALS IN CANADA 2020



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## - A Country Overview -

REPORT PUBLISHED BY:



INDUSTRY DATA BY:



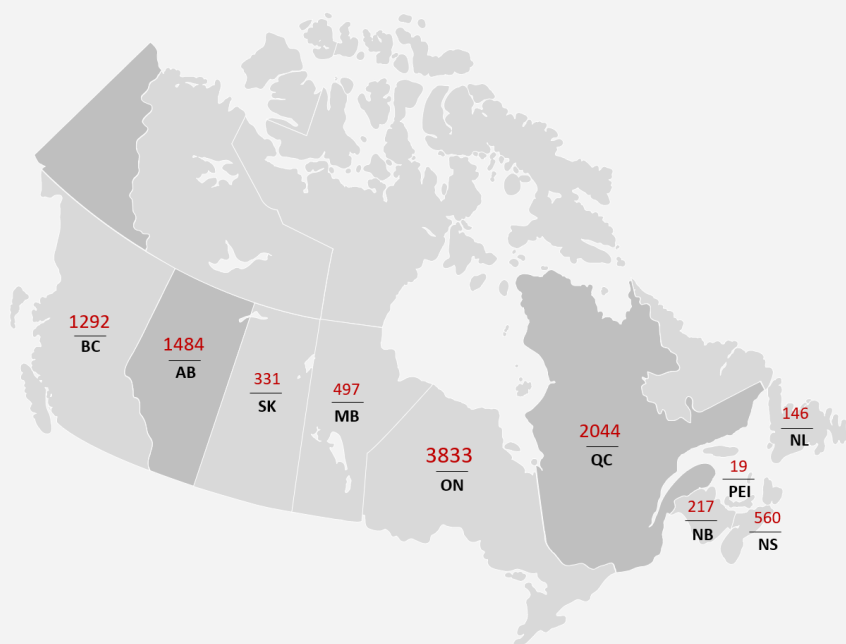
Government  
of Canada

Trade Commissioner  
Service

CLINICAL TRIAL DATA BY:



# CONDUCTING CLINICAL TRIALS IN CANADA



## A WORLD LEADING DESTINATION

Given Canada's advantages, pharmaceutical companies and health & research institutions continue to make significant investments in Canadian clinical research.

### World Class

- OVER **40** RESEARCH HOSPITALS
- **15** RESEARCH UNIVERSITIES
- **17** FACULTIES OF MEDICINE
- **#1** EDUCATED WORKFORCE AMONG OECD COUNTRIES



### Ranked 4th

CANADA RANKS 4TH GLOBALLY IN THE TOTAL NUMBER OF CLINICAL TRIAL SITES



### Ranks 3rd

CANADA RANKS 3RD GLOBALLY ON THE H-INDEX FOR BIOMEDICAL RESEARCH AND REPUTATION



### Captures 4%

CANADA CAPTURES 4% OF GLOBAL CLINICAL TRIALS



### 30 Days

CANADA GETS TO REVIEW CLINICAL TRIAL APPLICATIONS WITHIN 30 DAYS



### 2nd Lowest

2ND LOWEST COST AMONG G7 COUNTRIES FOR MANAGING CLINICAL TRIALS



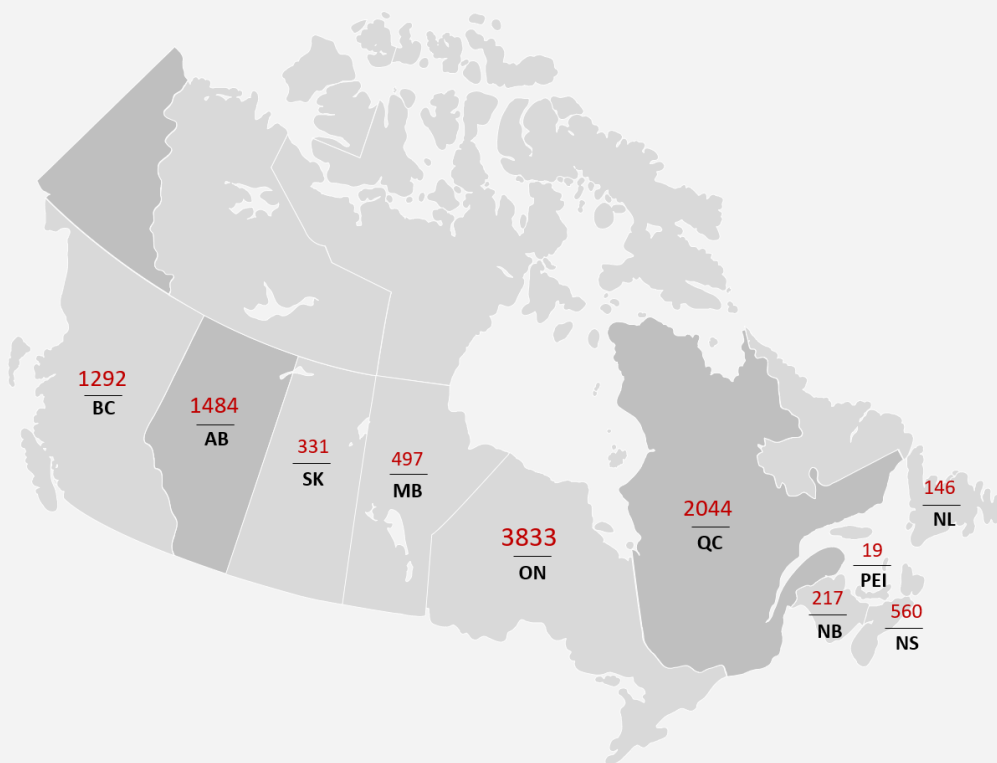
ALL MAJOR GLOBAL PHARMA COMPANIES CONDUCT CLINICAL TRIALS IN CANADA.










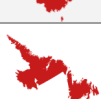


# CATEGORIZATION:

# OF ACTIVE  
CLINICAL  
TRIALS  
BY

CANADIAN PROVINCE



## 6013 Active Trials

	Ontario -ON	3833
	Quebec -QC	2044
	Alberta -AB	1484
	British Columbia -BC	1292
	Nova Scotia -NS	560
	Manitoba -MB	497
	Saskatchewan -SK	331
	New Brunswick -NB	217
	Newfoundland & Labrador -NL	146
	Prince Edward Island -PEI	19

Source: Clinicaltrials.gov - Feb 2020





















Includes Actively Recruiting, Invitation only, Active non-recruiting and not yet recruiting studies

# CATEGORIZATION:

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CLINICAL  
TRIALS  
BY

## THE TOP 20 PHARMACEUTICAL COMPANIES



	Novartis	253
	Bristol-Myers Squibb	137
	AstraZeneca	122
	Merck Sharp & Dohme	113
	Hoffmann-La Roche	102
	AbbVie	93
	Pfizer	90
	Sanofi	73
	GlaxoSmithKline	66
	Celgene	61
	Eli Lilly and Company	59
	Janssen Research	55
	Bayer	48
	Amgen	39
	Gilead Sciences	37
	Boehringer Ingelheim	36
	Allergan	34
	Takeda	34
	Regeneron Pharmaceuticals	33
	Astellas Pharma Inc	32

Source: Clinicaltrials.gov - Feb 2020





















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# CATEGORIZATION:

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THE TOP 20  
UNIVERSITIES  
IN CANADA



 THE UNIVERSITY OF BRITISH COLUMBIA	University of British Columbia	273
 UNIVERSITY OF CALGARY	University of Calgary	198
 UNIVERSITY OF ALBERTA	University of Alberta	176
 McMaster University	McMaster University	173
 UNIVERSITY OF TORONTO	University of Toronto	114
 Western UNIVERSITY • CANADA	Western University	112
 University of Manitoba	University of Manitoba	97
 UNIVERSITÉ LAVAL	Laval University	80
 UNIVERSITÉ DE SHERBROOKE	Université de Sherbrooke	64
 McGill UNIVERSITY	McGill University	63
 Queen's UNIVERSITY	Queen's University	60
 Université de Montréal	Université de Montréal	48
 uOttawa	University of Ottawa	44
 DALHOUSIE UNIVERSITY	Dalhousie University	39
 UNIVERSITY OF SASKATCHEWAN	University of Saskatchewan	39
 SFU SIMON FRASER UNIVERSITY	Simon Fraser University	17
 RYERSON UNIVERSITY	Ryerson University	16
 University of Regina	University of Regina	16
 UNIVERSITY OF WATERLOO	University of Waterloo	15
 UNIVERSITY OF GUELPH	University of Guelph	12

Source: Clinicaltrials.gov - Feb 2020
















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# CATEGORIZATION:

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CLINICAL  
TRIALS  
BY

## THE TOP 20 RESEARCH HOSPITALS & MEDICAL ORGANIZATIONS



	University Health Network, Toronto	394
	Sunnybrook Health Sciences Centre	184
	The Hospital for Sick Children	153
	Lawson Health Research Institute	142
	Ottawa Hospital Research Institute	136
	McGill University Health Centre/	115
	St. Michael's Hospital, Toronto	112
	Centre hospitalier de l'Université de Montréal	83
	Centre for Addiction and Mental	67
	Hamilton Health Sciences Corporation	63
	Ottawa Heart Institute Research	61
	Nova Scotia Health Authority	56
	NRG Oncology	54
	CHU de Québec-Université Laval	52
	Jewish General Hospital	52
	Population Health Research Institute	52
	St. Justine's Hospital	50
	Mount Sinai Hospital, Canada	42
	British Columbia Cancer Agency	41
	Alberta Health Services	40

Source: Clinicaltrials.gov - Feb 2020

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# CATEGORIZATION:

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CLINICAL  
TRIALS  
BY

THE TOP 20  
MEDICAL  
CONDITIONS



Neoplasms by Histologic Type	840
Immune System Diseases	636
Respiratory Tract Diseases	577
Carcinoma	553
Digestive System Diseases	538
Gastrointestinal Diseases	538
Vascular Diseases	507
Mental Disorders	485
Psychotic Disorders	485
Central Nervous System Diseases	478
Lung Diseases	451
Neoplasms, Glandular and Epithelial	431
Brain Diseases	417
Syndrome	416
Skin Diseases	409
Heart Diseases	399
Urogenital Neoplasms	391
Musculoskeletal Diseases	358
Metabolic Diseases	349
Genetic Diseases, Inborn	334
Communicable Diseases	314
Infection	314

Source: Clinicaltrials.gov - Feb 2020

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and not yet recruiting studies

# CATEGORIZATION:

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CLINICAL  
TRIALS  
BY

THE TOP 20  
RARE DISEASES



Neuroepithelioma	171
Lymphosarcoma	154
Neuroendocrine Tumor	95
Ovarian Cancer	87
Ovarian Epithelial Cancer	78
Multiple Myeloma	72
Myeloid Leukemia	71
Familial Alzheimer Disease	60
Glioma	60
Acute Myeloid Leukemia	59
Acute Non Lymphoblastic Leukemia	59
Renal Cell Carcinoma	59
Soft Tissue Sarcoma	54
Clear Cell Renal Cell Carcinoma	51
Pancreatic Cancer	48
Acute Lymphoblastic Leukemia	43
Aortic Valve Stenosis	41
B-cell Lymphoma	41
Chronic Myeloproliferative Disorders	39
Hemophilia	35
Myelodysplastic Syndromes	35
Hemophilia A	34

Source: Clinicaltrials.gov - Feb 2020

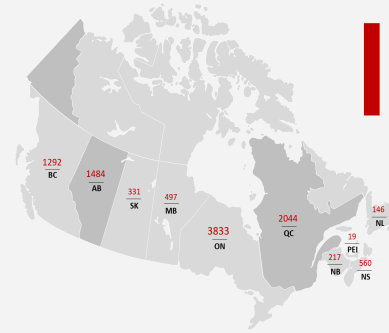
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