

Major field of study (STEM and BHASE, detailed) by highest level of education, Data Tables, 2021
Universe: Population aged 15 years and over in private households, 2021 Census — 25% Sample data

Statistics	Division No. 10			
	Count			
Age (1)	Total - Age			
Gender (2, 3)	Total - Gender			
Highest certificate, diploma or degree (4)	Total - Highest certificate, diploma or degree (6)	College, CEGEP or other non-university certificate or diploma (7)	University certificate or diploma below bachelor level	Bachelor's degree or higher
STEM and BHASE groupings, Major field of study - Classification of Instructional Programs (CIP) 2021 (40) (5)				
Total - STEM and BHASE groupings, Major field of study - Classification of Instructional Programs (CIP) 2021 (8)	19,385	4,900	315	2,460
No postsecondary certificate, diploma or degree	8,795	0	0	0
STEM	1,665	955	45	475
Science and science technology	225	60	0	160
Physical and chemical sciences	50	15	0	35
Biological sciences	120	35	0	80
General and integrated sciences	60	10	0	55
Engineering and engineering technology	1,180	725	35	245
Engineering	240	0	15	225
Engineering technology	940	725	20	25
Mathematics and computer and information sciences	250	170	10	65
Mathematics and related studies	15	0	0	15
Computer and information sciences	235	170	10	50
BHASE (9)	8,930	3,950	270	1,985
Business and administration	1,835	1,175	85	395
Business and related studies	1,835	1,175	85	390
Public administration	0	0	0	0
Arts and humanities	315	55	15	235
Arts	55	30	10	20
Humanities	260	25	15	220
Social and behavioural sciences	495	180	25	260
Social sciences and related fields	180	10	15	155
Psychological and behavioural sciences	90	0	0	85
Communications and family and consumer sciences	120	90	0	25
Child care	100	75	0	0
Legal professions and studies	70	25	0	40
Law	40	0	0	40
Other legal professions and studies	30	25	0	0
Health care (10)	930	480	45	275
Medicine, dentistry, and optometry	50	0	0	50
Nursing	435	220	20	160
Pharmacy and related programs	15	0	0	10
Health care, n.e.c.	430	260	20	50
Education and teaching	635	50	50	535
Trades, services, natural resources and conservation	4,650	1,975	45	235
Agriculture, veterinary medicine, and natural resources operations and management (11)	220	175	0	30
Mechanics and repair, architecture, construction and precision production	2,800	1,095	0	0
Personal, security and transport services	1,440	685	35	40
Social work and related programs	145	10	0	130
BHASE programs, n.e.c.	50	10	0	35

Abbreviation notes:

List of abbreviations and acronyms found within various Census products. (<https://www12.statcan.gc.ca/census-recensement/2021/ref/symb-ab-acr-eng.cfm>)

Geography name: Division No. 10

Geographic area type: Census division

Geographic area type abbreviation: CDR

Geographic level: Census division

Province or territory abbreviation: N.L.

Dissemination Geography Unique Identifier (DGUID): 2021A00031010

Alternative geographic code: 1010

Province or territory geocode: 10

Long-form total non-response rate: 7.3

Data quality flag: 00000

Data quality note: ..."

Footnotes:

[1] Age

'Age' refers to the age of a person (or subject) of interest at last birthday (or relative to a specified, well-defined reference date).

[2] Gender

Gender refers to an individual's personal and social identity as a man, woman or non-binary person (a person who is not exclusively a man or a woman).

Gender includes the following concepts: gender identity, which refers to the gender that a person feels internally and individually

[3] Given that the non-binary population is small, data aggregation to a two-category gender variable is sometimes necessary to protect the confidentiality of responses provided. In these cases, individuals in the category "non-binary persons" are distributed into the other two gender categories and are denoted by the "+" symbol.

[4] Highest certificate, diploma or degree

Highest certificate, diploma or degree is the classification used in the census to measure the broader concept of 'Educational attainment.' This variable refers to the highest level of education that a person has successfully completed and is derived from the educational qualifications questions, which asked for all certificates, diplomas and degrees to be reported. The general hierarchy used in deriving this variable (high school, trades, college, university) is loosely tied to the 'in-class' duration of the various types of education. At the detailed level, someone who has completed one type of certificate, diploma or degree will not necessarily have completed the credentials listed below it in the hierarchy. For example, a person with an apprenticeship or trades certificate or diploma may not have completed a high school certificate or diploma, nor does an individual with a 'master's degree' necessarily have a 'university certificate or diploma above bachelor level.' Although the hierarchy may not fit all programs perfectly, it gives a general measure of educational attainment. This variable is reported for persons aged 15 years and over in private households.

[5] Major field of study (based on the Classification of Instructional Programs (CIP) Canada 2021)

Field of study refers to the discipline or area of learning or training associated with a particular course or program of study. This 'Major field of study' variable refers to the predominant discipline or area of learning or training of a person's highest completed postsecondary certificate, diploma or degree, classified according to the Classification of Instructional Programs (CIP) Canada 2021. This variable can be used either independently or in conjunction with the 'Highest certificate, diploma or degree' variable. When the latter is used with 'Major field of study,' it should be noted that different fields of study will be more common for different types of postsecondary qualifications. At the detailed program level, some programs are only offered at certain levels of education. There was an explicit instruction in the questionnaire which instructed respondents to be as specific as possible in indicating a subfield or subcategory of specialization within a broad discipline or area of training. This variable is reported for persons aged 15 years and over in private households.

[6] For information on data quality for this variable, refer to the Education Reference Guide, Census of Population, 2021, Catalogue no. 98-500-X2021013.

[7] College, CEGEP and other non-university certificates and diplomas obtained from programs that are typically completed in less than 3 months are not included in this category.

[8] This variable shows a variant of CIP which classifies fields of study into STEM (science, technology, engineering, and math and computer sciences) and BHASE (non-STEM) categories and sub-categories. For more information on the CIP classification, see the Classification of Instructional Programs, Canada 2021: <http://www.statcan.gc.ca/eng/concepts/classification>. For information on classification and data quality for this variable, refer to the Education Reference Guide, Census of Population, 2021, Catalogue no. 98-500-X2021013.

[9] The term 'Business, humanities, health, arts, social science, and education fields' (BHASE) includes all of the non-STEM fields from the STEM and BHASE (non-STEM) groupings variant, an alternative presentation of the Classification of Instructional Programs, 2021. This includes 'Business and administration', 'Arts and humanities', 'Social and behavioural sciences', 'Legal professions and studies', 'Health care', 'Education and teaching' and 'Trades, services, natural resources and conservation'.

[10] Veterinary medicine, veterinary science, veterinary technology, and veterinary administrative support services, which were included in series 'Health care' in CIP 2016, are now included in 'Agriculture, veterinary medicine, and natural resources operations and management' in CIP 2021.

[11] Veterinary medicine, veterinary science, veterinary technology, and veterinary administrative support services, which were included in series 'Health care' in CIP 2016, are now included in 'Agriculture, veterinary medicine, and natural resources operations and management' in CIP 2021.

How to cite: Statistics Canada. Table 98-10-0393-01 Major field of study (STEM and BHASE, detailed) by highest level of education: Canada, provinces and territories, census divisions and census subdivisions.

<https://www150.statcan.gc.ca/t1/tbl/en/tv.action?pid=9810039301>