

## Economic and Social Reports

# Most prevalent jobs of young master's degree graduates by detailed field of study



by Marc Frenette and Tomasz Handler

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# ***Most prevalent jobs of young master's degree graduates by detailed field of study***

by Marc Frenette and Tomasz Handler

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Investing in a postsecondary education is an important decision in the lives of young people, because it may lead to significantly higher lifetime earnings (Frenette, 2019), which may vary substantially across different disciplines (Ostrovsky and Frenette, 2014). Beyond the monetary gains, the satisfaction derived from one's day-to-day work activities may also matter in overall life satisfaction. To inform this issue, recent articles have examined the detailed occupations held by graduates of specific disciplines among bachelor's degree graduates (Frenette and Handler, 2023) and among college or CEGEP certificate or diploma graduates (Frenette and Handler, 2024).

The purpose of this short article is to present results for master's degree graduates aged 25 to 34 collected on the 2021 Census of Population. Only individuals who worked during the census reference week (May 2 to 8, 2021) and who completed a Canadian master's degree program are included. Note that the intention is to show the five most prevalent jobs based on the five-digit 2021 National Occupational Classification (NOC 2021) code for each six-digit 2021 Classification of Instructional Programs (CIP 2021) code, but some results had to be suppressed.<sup>1</sup> In these instances, the data were aggregated at higher levels of the NOC 2021 in a sequential manner (four digits, three digits, etc.).<sup>2</sup> While there are plenty of noteworthy results in the tables, the remainder of this article will simply highlight a few key observations. Readers are invited to examine the results based on their specific interests.

For male master's degree graduates aged 25 to 34 in 2021 (Appendix Table A.1), the academic programs most strongly associated with a specific job include physical therapy/therapist (physiotherapists, 95.8%); structural engineering (civil engineers, 87.3%); occupational therapy/therapist (occupational therapists, 83.9%); advanced legal research/studies, general (lawyers and Quebec notaries, 78.7%); and architecture (architects, 75.2%).

From Appendix Table A.2, the female master's graduates aged 25 to 34 in 2021 most highly concentrated in specific jobs were all from health and related fields: speech-language pathology/pathologist (audiologists and speech-language pathologists, 96.3%), audiology/audiologist (audiologists and speech-language pathologists, 95.2%), physical therapy/therapist (physiotherapists, 94.0%), occupational therapy/therapist (occupational therapists, 91.3%) and pharmacy (pharmacists, 90.5%).

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1. Only CIP 2021 codes with a weighted count of at least 200 and NOC 2021 codes with a sample size of at least 10 were retained.
  2. All NOC 2021 codes shown within a CIP 2021 code are mutually exclusive. In other words, a less detailed NOC 2021 code (e.g., three digits) will exclude more detailed NOC 2021 codes (e.g., four and five digits) that are not suppressed and associated with the same CIP 2021 code.

As was the case with Frenette and Handler (2023, 2024), graduates from most disciplines were dispersed across a wide variety of jobs. Despite this finding, the most prevalent jobs appeared to be related to the discipline in many cases. For example, the most prevalent jobs held by male graduates of business administration and management, general programs, included professional occupations in business management consulting (9.0%); financial and investment analysts (4.5%); corporate sales managers (3.6%); information systems specialists (3.6%); and advertising, marketing and public relations managers (3.5%). The most prevalent jobs for their female counterparts included professional occupations in business management consulting (9.3%); professional occupations in advertising, marketing and public relations (5.6%); financial auditors and accountants (4.6%); advertising, marketing and public relations managers (4.2%); and banking, credit and other investment managers (4.2%).

Female international relations and affairs graduates landed related occupations such as social policy researchers, consultants and program officers (23.3%); program officers unique to government (8.5%); and lawyers and Quebec notaries (8.4%).<sup>3</sup> Similar findings were registered for their male counterparts, as some of their most prevalent jobs included social policy researchers, consultants and program officers (15.3%); economists and economic policy researchers and analysts (8.6%); and program officers unique to government (8.0%).

In some disciplines, only a very small share of graduates landed the most prevalent job. Among men and women, the discipline with the lowest concentration of graduates in the most prevalent job was history, general (7.2% and 7.1% worked as secondary school teachers, respectively).<sup>4</sup>

These findings help high school students understand the type of jobs they might expect to hold at the beginning of their careers if they choose to pursue a master's degree in a given field of study. They make it clear that in some fields of study, the vast majority of jobs are concentrated in only a few occupations. By contrast, in other fields of study, the jobs one might expect to hold are much more varied and thus more difficult to pin down.

## Authors

Marc Frenette and Tomasz Handler are with the Social Analysis and Modelling Division, Analytical Studies and Modelling Branch, at Statistics Canada.

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3. Presumably, these individuals also held a law degree. The census collects only the field of study associated with the highest credential (in this case, the master's degree).

4. These individuals may have also held a teaching degree.

# Appendix

Appendix Table A.1-1

## Most prevalent occupations held among master's degree graduates by detailed field of study, 2021, men aged 25 to 34 years

Field of study (2021 Classification of Instructional Programs, primary grouping and subgrouping code and name)	Most prevalent occupations (2021 National Occupational Classification code, name and percentage)				
	First	Second	Third	Fourth	Fifth
<b>Education (primary grouping)</b>					
13.0101 Education, general	41220 Secondary school teachers (30.4%)	41221 Elementary school and kindergarten teachers (29.7%)	40021 School principals and administrators of elementary and secondary education (6.3%)	41210 College and other vocational instructors (4.4%)	41 Professional occupations in law, education, social, community and government services (5.8%)
<b>Visual and performing arts, and communications technologies (primary grouping)</b>					
50.0901 Music, general	51122 Musicians and singers (35.7%)	412 Professional occupations in education services (11.7%)	6 Sales and service occupations (14.8%)	1 Business, finance and administration occupations (14.5%)	5 Occupations in art, culture, recreation and sport (11.1%)
<b>Humanities (primary grouping)</b>					
23.0101 English language and literature, general	511 Professional occupations in art and culture (20.1%)	412 Professional occupations in education services (20.0%)	6 Sales and service occupations (20.1%)	x	x
38.0101 Philosophy	41210 College and other vocational instructors (14.4%)	412 Professional occupations in education services (13.6%)	41 Professional occupations in law, education, social, community and government services (22.4%)	6 Sales and service occupations (12.4%)	x
39.0601 Theology/theological studies	41302 Religious leaders (47.2%)	4 Occupations in education, law and social, community and government services (22.7%)	x	x	x
39.0602 Divinity/ministry	41302 Religious leaders (70.8%)	x	x	x	x
54.0101 History, general	41220 Secondary school teachers (7.2%)	41221 Elementary school and kindergarten teachers (7.1%)	11202 Professional occupations in advertising, marketing and public relations (6.1%)	4140 Policy and program researchers, consultants and officers (13.8%)	511 Professional occupations in art and culture (8.0%)
<b>Social and behavioural sciences and law (primary grouping)</b>					
09.0100 Communication, general	11202 Professional occupations in advertising, marketing and public relations (30.1%)	1 Business, finance and administration occupations (29.5%)	x	x	x
22.0201 Advanced legal research/studies, general	41101 Lawyers and Quebec notaries (78.7%)	4140 Policy and program researchers, consultants and officers (3.5%)	42 Front-line public protection services and paraprofessional occupations in legal, social, community, education services (2.2%)	1 Business, finance and administration occupations (8.1%)	x
42.0101 Psychology, general	41301 Therapists in counselling and related specialized therapies (16.8%)	31200 Psychologists (16.4%)	41 Professional occupations in law, education, social, community and government services (21.0%)	x	x
42.2803 Counselling psychology	41301 Therapists in counselling and related specialized therapies (49.3%)	41320 Educational counsellors (19.0%)	4 Occupations in education, law and social, community and government services (17.1%)	x	x
45.0401 Criminology	41 Professional occupations in law, education, social, community and government services (37.7%)	42 Front-line public protection services and paraprofessional occupations in legal, social, community, education services (21.2%)	1 Business, finance and administration occupations (18.2%)	x	x
45.0601 Economics, general	41401 Economists and economic policy researchers and analysts (26.6%)	11101 Financial and investment analysts (6.4%)	21211 Data scientists (5.2%)	41403 Social policy researchers, consultants and program officers (4.0%)	10021 Banking, credit and other investment managers (3.2%)
45.0701 Geography	4140 Policy and program researchers, consultants and officers (18.1%)	2221 Technical occupations in architecture, drafting, surveying, geomatics and meteorology (10.6%)	212 Professional occupations in applied sciences (except engineering) (20.1%)	41 Professional occupations in law, education, social, community and government services (11.6%)	2 Natural and applied sciences and related occupations (12.2%)
45.0901 International relations and affairs	41403 Social policy researchers, consultants and program officers (15.3%)	41401 Economists and economic policy researchers and analysts (8.6%)	41407 Program officers unique to government (8.0%)	4140 Policy and program researchers, consultants and officers (11.7%)	1120 Human resources and business service professionals (7.5%)
45.1001 Political science and government, general	41403 Social policy researchers, consultants and program officers (13.9%)	11202 Professional occupations in advertising, marketing and public relations (6.0%)	41101 Lawyers and Quebec notaries (5.3%)	41407 Program officers unique to government (3.6%)	4140 Policy and program researchers, consultants and officers (11.6%)

x suppressed to meet the confidentiality requirements of the *Statistics Act*

**Notes:** Occupations are first sorted within each field of study by five-digit National Occupational Classification (NOC) code. If fewer than 10 occupations can be reported based on this approach (i.e., they do not meet the minimum cell size of 10), then the remaining occupations are sorted by four-digit NOC code, etc.

**Source:** Statistics Canada, 2021 Census of Population.

Appendix Table A.1-2

Most prevalent occupations held among master's degree graduates by detailed field of study, 2021, men aged 25 to 34 years

Field of study (2021 Classification of Instructional Programs, primary grouping and subgrouping code and name)	Most prevalent occupations (2021 National Occupational Classification code, name and percentage)				
	First	Second	Third	Fourth	Fifth
<b>Social and behavioural sciences and law (primary grouping) (continued)</b>					
45.1101 Sociology, general	4140 Policy and program researchers, consultants and officers (25.6%)	412 Professional occupations in education services (16.6%)	1 Business, finance and administration occupations (23.0%)	x	x
<b>Business, management and public administration (primary grouping)</b>					
44.0401 Public administration, general	41403 Social policy researchers, consultants and program officers (20.2%)	41401 Economists and economic policy researchers and analysts (9.2%)	41400 Natural and applied science policy researchers, consultants and program officers (8.5%)	41101 Lawyers and Quebec notaries (4.4%)	4140 Policy and program researchers, consultants and officers (8.5%)
44.0501 Public policy analysis, general	41403 Social policy researchers, consultants and program officers (32.9%)	41400 Natural and applied science policy researchers, consultants and program officers (11.1%)	4140 Policy and program researchers, consultants and officers (20.3%)	11 Professional occupations in finance and business (8.1%)	1 Business, finance and administration occupations (10.9%)
44.0701 Social work, general	41300 Social workers (62.3%)	41301 Therapists in counselling and related specialized therapies (18.0%)	4 Occupations in education, law and social, community and government services (10.5%)	x	x
52.0101 Business/commerce, general	11201 Professional occupations in business management consulting (8.2%)	10021 Banking, credit and other investment managers (6.8%)	11101 Financial and investment analysts (5.8%)	60020 Retail and wholesale trade managers (4.2%)	11202 Professional occupations in advertising, marketing and public relations (3.4%)
52.0201 Business administration and management, general	11201 Professional occupations in business management consulting (9.0%)	11101 Financial and investment analysts (4.5%)	60010 Corporate sales managers (3.6%)	21222 Information systems specialists (3.6%)	10022 Advertising, marketing and public relations managers (3.5%)
52.0203 Logistics, materials, and supply chain management	212 Professional occupations in applied sciences (except engineering) (20.3%)	13 Administrative occupations and transportation logistics occupations (19.7%)	1 Business, finance and administration occupations (23.9%)	x	x
52.0211 Project management	1120 Human resources and business service professionals (13.6%)	21 Professional occupations in natural and applied sciences (15.9%)	1 Business, finance and administration occupations (27.8%)	x	x
52.0301 Accounting	11100 Financial auditors and accountants (50.9%)	10010 Financial managers (12.9%)	11101 Financial and investment analysts (7.3%)	10021 Banking, credit and other investment managers (3.4%)	00012 Senior managers - financial, communications and other business services (2.7%)
52.0601 Business/managerial economics	1110 Auditors, accountants and investment professionals (27.2%)	4140 Policy and program researchers, consultants and officers (19.5%)	100 Specialized middle management occupations in administrative services, financial and business services and communication (except broadcasting) (20.4%)	x	x
52.0801 Finance, general	11101 Financial and investment analysts (31.6%)	11102 Financial advisors (8.9%)	10021 Banking, credit and other investment managers (6.3%)	10010 Financial managers (5.2%)	11100 Financial auditors and accountants (4.6%)
52.1002 Labour and industrial relations	11200 Human resources professionals (36.1%)	1 Business, finance and administration occupations (32.7%)	x	x	x
52.1101 International business/trade/commerce	100 Specialized middle management occupations in administrative services, financial and business services and communication (except broadcasting) (11.2%)	11 Professional occupations in finance and business (17.4%)	64 Sales and service representatives and other customer and personal services occupations (11.7%)	1 Business, finance and administration occupations (12.7%)	2 Natural and applied sciences and related occupations (12.5%)
52.1301 Management science	2122 Computer and information systems professionals (23.9%)	212 Professional occupations in applied sciences (except engineering) (15.8%)	11 Professional occupations in finance and business (21.6%)	x	x
52.1401 Marketing/marketing management, general	11202 Professional occupations in advertising, marketing and public relations (26.9%)	10022 Advertising, marketing and public relations managers (16.8%)	600 Middle management occupations in retail and wholesale trade and customer services (10.5%)	1 Business, finance and administration occupations (14.6%)	x
52.1601 Taxation	11100 Financial auditors and accountants (71.3%)	41 Professional occupations in law, education, social, community and government services (13.0%)	1 Business, finance and administration occupations (13.4%)	x	x

x suppressed to meet the confidentiality requirements of the *Statistics Act*

**Notes:** Occupations are first sorted within each field of study by five-digit National Occupational Classification (NOC) code. If fewer than 10 occupations can be reported based on this approach (i.e., they do not meet the minimum cell size of 10), then the remaining occupations are sorted by four-digit NOC code, etc.

**Source:** Statistics Canada, 2021 Census of Population.

Appendix Table A.1-3

Most prevalent occupations held among master's degree graduates by detailed field of study, 2021, men aged 25 to 34 years

Field of study (2021 Classification of Instructional Programs, primary grouping and subgrouping code and name)	Most prevalent occupations (2021 National Occupational Classification code, name and percentage)				
	First	Second	Third	Fourth	Fifth
<b>Physical and life sciences and technologies (primary grouping)</b>					
26.0101 Biology/biological sciences, general	21110 Biologists and related scientists (30.6%)	41201 Post-secondary teaching and research assistants (5.8%)	412 Professional occupations in education services (7.0%)	21 Professional occupations in natural and applied sciences (7.0%)	41 Professional occupations in law, education, social, community and government services (6.4%)
26.0202 Biochemistry	21101 Chemists (17.9%)	412 Professional occupations in education services (14.9%)	21 Professional occupations in natural and applied sciences (14.7%)	4 Occupations in education, law and social, community and government services (13.1%)	x
26.1201 Biotechnology	21 Professional occupations in natural and applied sciences (22.9%)	2 Natural and applied sciences and related occupations (23.3%)	x	x	x
26.1501 Neuroscience	311 Health treating and consultation services professionals (23.0%)	41 Professional occupations in law, education, social, community and government services (21.2%)	2 Natural and applied sciences and related occupations (19.8%)	x	x
30.0101 Biological and physical sciences	4140 Policy and program researchers, consultants and officers (9.2%)	212 Professional occupations in applied sciences (except engineering) (13.4%)	311 Health treating and consultation services professionals (8.3%)	211 Professional occupations in natural sciences (8.2%)	31 Professional occupations in health (8.2%)
40.0501 Chemistry, general	21101 Chemists (38.7%)	412 Professional occupations in education services (10.5%)	21 Professional occupations in natural and applied sciences (8.6%)	6 Sales and service occupations (11.4%)	4 Occupations in education, law and social, community and government services (7.4%)
40.0601 Geology/Earth science, general	21102 Geoscientists and oceanographers (52.7%)	21 Professional occupations in natural and applied sciences (13.3%)	41 Professional occupations in law, education, social, community and government services (12.8%)	x	x
40.0801 Physics, general	41201 Post-secondary teaching and research assistants (15.1%)	2123 Computer, software and Web designers and developers (24.8%)	21 Professional occupations in natural and applied sciences (21.3%)	41 Professional occupations in law, education, social, community and government services (12.3%)	x
<b>Mathematics, computer and information sciences (primary grouping)</b>					
11.0101 Computer and information sciences, general	2123 Computer, software and Web designers and developers (31.9%)	2122 Computer and information systems professionals (18.2%)	x	x	x
11.0103 Information technology	21222 Information systems specialists (16.6%)	21231 Software engineers and designers (8.6%)	2123 Computer, software and Web designers and developers (20.3%)	212 Professional occupations in applied sciences (except engineering) (12.4%)	2 Natural and applied sciences and related occupations (17.8%)
11.0701 Computer science	21232 Software developers and programmers (29.9%)	21231 Software engineers and designers (21.1%)	21211 Data scientists (9.5%)	21234 Web developers and programmers (6.8%)	21222 Information systems specialists (6.2%)
11.1003 Computer and information systems security/auditing/information assurance	21220 Cybersecurity specialists (33.1%)	21231 Software engineers and designers (9.5%)	2222 Technical occupations in computer and information systems (12.2%)	2123 Computer, software and Web designers and developers (10.2%)	21 Professional occupations in natural and applied sciences (10.6%)
11.9999 Computer and information sciences and support services, other	21222 Information systems specialists (25.3%)	21231 Software engineers and designers (15.7%)	2222 Technical occupations in computer and information systems (20.1%)	21 Professional occupations in natural and applied sciences (20.7%)	x
25.0101 Library and information science	51100 Librarians (40.6%)	1 Business, finance and administration occupations (18.7%)	5 Occupations in art, culture, recreation and sport (18.4%)	x	x
27.0101 Mathematics, general	21210 Mathematicians, statisticians and actuaries (10.9%)	41210 College and other vocational instructors (9.5%)	21232 Software developers and programmers (9.2%)	21211 Data scientists (7.9%)	1110 Auditors, accountants and investment professionals (11.2%)
27.0501 Statistics, general	21211 Data scientists (24.8%)	21210 Mathematicians, statisticians and actuaries (20.6%)	4140 Policy and program researchers, consultants and officers (13.6%)	x	x
30.7102 Business analytics	11201 Professional occupations in business management consulting (17.9%)	21211 Data scientists (16.7%)	2122 Computer and information systems professionals (20.3%)	1 Business, finance and administration occupations (20.1%)	x

x suppressed to meet the confidentiality requirements of the Statistics Act

Notes: Occupations are first sorted within each field of study by five-digit National Occupational Classification (NOC) code. If fewer than 10 occupations can be reported based on this approach (i.e., they do not meet the minimum cell size of 10), then the remaining occupations are sorted by four-digit NOC code, etc.

Source: Statistics Canada, 2021 Census of Population.

Appendix Table A.1-4

Most prevalent occupations held among master's degree graduates by detailed field of study, 2021, men aged 25 to 34 years

Field of study (2021 Classification of Instructional Programs, primary grouping and subgrouping code and name)	Most prevalent occupations (2021 National Occupational Classification code, name and percentage)				
	First	Second	Third	Fourth	Fifth
04.0201 Architecture	21200 Architects (75.2%)	22210 Architectural technologists and technicians (9.3%)	5 Occupations in art, culture, recreation and sport (3.6%)	x	x
04.0301 City/urban, community and regional planning	21202 Urban and land use planners (56.5%)	4140 Policy and program researchers, consultants and officers (8.8%)	100 Specialized middle management occupations in administrative services, financial and business services and communication (except broadcasting) (5.2%)	21 Professional occupations in natural and applied sciences (4.9%)	1 Business, finance and administration occupations (5.6%)
14.0101 Engineering, general	21300 Civil engineers (12.6%)	21301 Mechanical engineers (10.4%)	21310 Electrical and electronics engineers (6.5%)	21231 Software engineers and designers (5.5%)	21232 Software developers and programmers (4.1%)
14.0201 Aerospace, aeronautical and astronautical/space engineering, general	21390 Aerospace engineers (30.3%)	21301 Mechanical engineers (13.9%)	2123 Computer, software and Web designers and developers (8.9%)	213 Professional occupations in engineering (9.2%)	2 Natural and applied sciences and related occupations (14.3%)
14.0501 Biomedical/medical engineering	21399 Other professional engineers (18.8%)	2123 Computer, software and Web designers and developers (12.5%)	213 Professional occupations in engineering (13.9%)	2 Natural and applied sciences and related occupations (15.9%)	x
14.0701 Chemical engineering	21320 Chemical engineers (34.1%)	20010 Engineering managers (6.8%)	21300 Civil engineers (5.0%)	213 Professional occupations in engineering (6.7%)	212 Professional occupations in applied sciences (except engineering) (6.6%)
14.0801 Civil engineering, general	21300 Civil engineers (49.6%)	70010 Construction managers (7.3%)	22300 Civil engineering technologists and technicians (3.3%)	21331 Geological engineers (3.0%)	22303 Construction estimators (2.5%)
14.0803 Structural engineering	21300 Civil engineers (87.3%)	x	x	x	x
14.0901 Computer engineering, general	21231 Software engineers and designers (24.2%)	21232 Software developers and programmers (20.0%)	21311 Computer engineers (except software engineers and designers) (8.8%)	21222 Information systems specialists (5.8%)	21234 Web developers and programmers (4.9%)
14.0903 Computer software engineering	21231 Software engineers and designers (31.5%)	21232 Software developers and programmers (31.5%)	21234 Web developers and programmers (8.6%)	21222 Information systems specialists (7.3%)	212 Professional occupations in applied sciences (except engineering) (9.9%)
14.1001 Electrical and electronics engineering	21310 Electrical and electronics engineers (34.1%)	21231 Software engineers and designers (8.7%)	21232 Software developers and programmers (7.7%)	21311 Computer engineers (except software engineers and designers) (4.5%)	22310 Electrical and electronics engineering technologists and technicians (3.2%)
14.1401 Environmental/environmental health engineering	21300 Civil engineers (37.8%)	2 Natural and applied sciences and related occupations (24.0%)	x	x	x
14.1901 Mechanical engineering	21301 Mechanical engineers (40.0%)	21321 Industrial and manufacturing engineers (7.9%)	21232 Software developers and programmers (2.4%)	20010 Engineering managers (2.0%)	21231 Software engineers and designers (1.6%)
14.2501 Petroleum engineering	21332 Petroleum engineers (23.9%)	213 Professional occupations in engineering (19.3%)	6 Sales and service occupations (17.2%)	x	x
14.3501 Industrial engineering	21321 Industrial and manufacturing engineers (19.8%)	4140 Policy and program researchers, consultants and officers (8.2%)	212 Professional occupations in applied sciences (except engineering) (13.5%)	21 Professional occupations in natural and applied sciences (6.0%)	1 Business, finance and administration occupations (13.6%)
14.4201 Mechatronics, robotics, and automation engineering	21301 Mechanical engineers (31.8%)	2123 Computer, software and Web designers and developers (28.4%)	213 Professional occupations in engineering (23.0%)	x	x
14.4701 Electrical and computer engineering	21231 Software engineers and designers (21.5%)	21232 Software developers and programmers (14.0%)	21310 Electrical and electronics engineers (8.9%)	21311 Computer engineers (except software engineers and designers) (6.1%)	21234 Web developers and programmers (6.0%)
14.9999 Engineering, other	21301 Mechanical engineers (16.7%)	2123 Computer, software and Web designers and developers (14.7%)	213 Professional occupations in engineering (18.1%)	2 Natural and applied sciences and related occupations (16.3%)	x
15.1501 Engineering/industrial management	212 Professional occupations in applied sciences (except engineering) (22.7%)	2 Natural and applied sciences and related occupations (36.0%)	x	x	x
<b>Agriculture, natural resources and conservation (primary grouping)</b>					
03.0103 Environmental studies	41400 Natural and applied science policy researchers, consultants and program officers (17.7%)	212 Professional occupations in applied sciences (except engineering) (12.3%)	21 Professional occupations in natural and applied sciences (16.4%)	1 Business, finance and administration occupations (18.5%)	4 Occupations in education, law and social, community and government services (15.2%)

x suppressed to meet the confidentiality requirements of the *Statistics Act*

**Notes:** Occupations are first sorted within each field of study by five-digit National Occupational Classification (NOC) code. If fewer than 10 occupations can be reported based on this approach (i.e., they do not meet the minimum cell size of 10), then the remaining occupations are sorted by four-digit NOC code, etc.

**Source:** Statistics Canada, 2021 Census of Population.



Appendix Table A.1-5

Most prevalent occupations held among master's degree graduates by detailed field of study, 2021, men aged 25 to 34 years

Field of study (2021 Classification of Instructional Programs, primary grouping and subgrouping code and name)	Most prevalent occupations (2021 National Occupational Classification code, name and percentage)				
	First	Second	Third	Fourth	Fifth
03.0104 Environmental science	21110 Biologists and related scientists (14.6%)	41400 Natural and applied science policy researchers, consultants and program officers (12.8%)	211 Professional occupations in natural sciences (12.6%)	21 Professional occupations in natural and applied sciences (9.0%)	1 Business, finance and administration occupations (11.6%)
<b>Health and related fields (primary grouping)</b>					
31.0505 Exercise science and kinesiology	31204 Kinesiologists and other professional occupations in therapy and assessment (11.6%)	4140 Policy and program researchers, consultants and officers (8.7%)	4122 Secondary, elementary and kindergarten school teachers (7.7%)	412 Professional occupations in education services (7.7%)	31 Professional occupations in health (10.5%)
51.1401 Medical science/scientist	31102 General practitioners and family physicians (27.7%)	31100 Specialists in clinical and laboratory medicine (15.5%)	31101 Specialists in surgery (13.0%)	3 Health occupations (12.7%)	x
51.2201 Public health, general	41404 Health policy researchers, consultants and program officers (23.2%)	4140 Policy and program researchers, consultants and officers (11.3%)	212 Professional occupations in applied sciences (except engineering) (10.6%)	311 Health treating and consultation services professionals (9.9%)	4 Occupations in education, law and social, community and government services (15.0%)
51.2306 Occupational therapy/therapist	31203 Occupational therapists (83.9%)	x	x	x	x
51.2308 Physical therapy/therapist	31202 Physiotherapists (95.8%)	x	x	x	x
51.3801 Registered nursing/registered nurse	31302 Nurse practitioners (38.8%)	31301 Registered nurses and registered psychiatric nurses (31.6%)	x	x	x

x suppressed to meet the confidentiality requirements of the *Statistics Act*

**Notes:** Occupations are first sorted within each field of study by five-digit National Occupational Classification (NOC) code. If fewer than 10 occupations can be reported based on this approach (i.e., they do not meet the minimum cell size of 10), then the remaining occupations are sorted by four-digit NOC code, etc.

**Source:** Statistics Canada, 2021 Census of Population.

Appendix Table A.2-1

Most prevalent occupations held among master's degree graduates by detailed field of study, 2021, women aged 25 to 34 years

Field of study (2021 Classification of Instructional Programs, primary grouping and subgrouping code and name)	Most prevalent occupations (2021 National Occupational Classification code, name and percentage)				
	First	Second	Third	Fourth	Fifth
<b>Education (primary grouping)</b>					
13.0101 Education, general	41221 Elementary school and kindergarten teachers (49.6%)	41220 Secondary school teachers (15.0%)	41320 Educational counsellors (3.7%)	41405 Education policy researchers, consultants and program officers (2.5%)	41210 College and other vocational instructors (2.4%)
13.0401 Educational leadership and administration, general	41220 Secondary school teachers (29.5%)	41221 Elementary school and kindergarten teachers (21.2%)	4 Occupations in education, law and social, community and government services (21.1%)	x	x
13.1001 Special education and teaching, general	41221 Elementary school and kindergarten teachers (60.1%)	41220 Secondary school teachers (12.4%)	41 Professional occupations in law, education, social, community and government services (8.1%)	4 Occupations in education, law and social, community and government services (11.4%)	x
13.1101 Counsellor education/school counselling and guidance services	41320 Educational counsellors (48.3%)	11200 Human resources professionals (7.8%)	41301 Therapists in counselling and related specialized therapies (7.7%)	41321 Career development practitioners and career counsellors (except education) (7.7%)	41 Professional occupations in law, education, social, community and government services (7.1%)
<b>Visual and performing arts, and communications technologies (primary grouping)</b>					
50.0702 Fine/studio arts, general	5312 Occupations in creative and performing art (22.4%)	5 Occupations in art, culture, recreation and sport (26.8%)	x	x	x
50.0703 Art history, criticism and conservation	51101 Conservators and curators (15.2%)	41 Professional occupations in law, education, social, community and government services (19.2%)	1 Business, finance and administration occupations (23.6%)	5 Occupations in art, culture, recreation and sport (16.3%)	6 Sales and service occupations (13.1%)
50.0901 Music, general	51122 Musicians and singers (39.6%)	4122 Secondary, elementary and kindergarten school teachers (12.7%)	6 Sales and service occupations (16.8%)	1 Business, finance and administration occupations (11.7%)	4 Occupations in education, law and social, community and government services (10.6%)
<b>Humanities (primary grouping)</b>					
16.0102 Linguistics	412 Professional occupations in education services (30.8%)	4 Occupations in education, law and social, community and government services (20.9%)	1 Business, finance and administration occupations (19.3%)	x	x
16.0103 Language interpretation and translation	51114 Translators, terminologists and interpreters (54.1%)	x	x	x	x
23.0101 English language and literature, general	41220 Secondary school teachers (11.2%)	11202 Professional occupations in advertising, marketing and public relations (8.8%)	41221 Elementary school and kindergarten teachers (7.3%)	5111 Writing, translating and related communications professionals (8.9%)	41 Professional occupations in law, education, social, community and government services (16.2%)
23.1401 English literature, general	11202 Professional occupations in advertising, marketing and public relations (8.7%)	4122 Secondary, elementary and kindergarten school teachers (11.6%)	1002 Managers in financial and business services (8.9%)	412 Professional occupations in education services (9.3%)	511 Professional occupations in art and culture (8.6%)
24.0102 General studies	412 Professional occupations in education services (19.5%)	41 Professional occupations in law, education, social, community and government services (12.8%)	1 Business, finance and administration occupations (29.6%)	x	x
38.0101 Philosophy	41 Professional occupations in law, education, social, community and government services (41.3%)	1 Business, finance and administration occupations (25.8%)	x	x	x
54.0101 History, general	41220 Secondary school teachers (7.1%)	11202 Professional occupations in advertising, marketing and public relations (6.3%)	41101 Lawyers and Quebec notaries (6.0%)	41221 Elementary school and kindergarten teachers (4.6%)	4140 Policy and program researchers, consultants and officers (11.1%)
55.1401 French literature, general	41210 College and other vocational instructors (22.7%)	41220 Secondary school teachers (13.3%)	1 Business, finance and administration occupations (18.7%)	4 Occupations in education, law and social, community and government services (16.0%)	5 Occupations in art, culture, recreation and sport (13.6%)

x suppressed to meet the confidentiality requirements of the *Statistics Act*

**Notes:** Occupations are first sorted within each field of study by five-digit National Occupational Classification (NOC) code. If fewer than 10 occupations can be reported based on this approach (i.e., they do not meet the minimum cell size of 10), then the remaining occupations are sorted by four-digit NOC code, etc.

**Source:** Statistics Canada, 2021 Census of Population.

Appendix Table A.2-2

Most prevalent occupations held among master's degree graduates by detailed field of study, 2021, women aged 25 to 34 years

Field of study (2021 Classification of Instructional Programs, primary grouping and subgrouping code and name)	Most prevalent occupations (2021 National Occupational Classification code, name and percentage)				
	First	Second	Third	Fourth	Fifth
05.0210 Disability studies	41301 Therapists in counselling and related specialized therapies (37.5%)	41 Professional occupations in law, education, social, community and government services (23.0%)	4 Occupations in education, law and social, community and government services (21.4%)	x	x
09.0100 Communication, general	11202 Professional occupations in advertising, marketing and public relations (38.9%)	10022 Advertising, marketing and public relations managers (11.0%)	5111 Writing, translating and related communications professionals (5.1%)	4140 Policy and program researchers, consultants and officers (5.0%)	6 Sales and service occupations (11.8%)
09.0401 Journalism, general	51113 Journalists (20.9%)	11202 Professional occupations in advertising, marketing and public relations (18.0%)	51120 Producers, directors, choreographers and related occupations (17.5%)	5111 Writing, translating and related communications professionals (15.2%)	x
19.0501 Foods, nutrition and wellness studies, general	31121 Dietitians and nutritionists (56.8%)	41 Professional occupations in law, education, social, community and government services (9.8%)	3 Health occupations (12.0%)	6 Sales and service occupations (10.0%)	x
19.0706 Child development	41221 Elementary school and kindergarten teachers (59.6%)	4 Occupations in education, law and social, community and government services (30.4%)	x	x	x
22.0201 Advanced legal research/studies, general	41101 Lawyers and Quebec notaries (70.7%)	42200 Paralegals and related occupations (3.7%)	11200 Human resources professionals (2.0%)	4140 Policy and program researchers, consultants and officers (3.8%)	1110 Auditors, accountants and investment professionals (2.0%)
30.1401 Museology/museum studies	531 Occupations in art and culture (14.0%)	511 Professional occupations in art and culture (13.0%)	1 Business, finance and administration occupations (26.6%)	6 Sales and service occupations (16.6%)	4 Occupations in education, law and social, community and government services (15.2%)
30.2001 International/globalization studies	41403 Social policy researchers, consultants and program officers (17.8%)	4140 Policy and program researchers, consultants and officers (18.5%)	1120 Human resources and business service professionals (17.1%)	4 Occupations in education, law and social, community and government services (18.0%)	x
30.3301 Sustainability studies	41400 Natural and applied science policy researchers, consultants and program officers (23.4%)	21 Professional occupations in natural and applied sciences (17.2%)	41 Professional occupations in law, education, social, community and government services (13.8%)	1 Business, finance and administration occupations (21.9%)	x
42.0101 Psychology, general	41301 Therapists in counselling and related specialized therapies (27.3%)	31200 Psychologists (19.8%)	41320 Educational counsellors (3.2%)	4140 Policy and program researchers, consultants and officers (7.0%)	4120 University professors and post-secondary assistants (3.5%)
42.2803 Counselling psychology	41301 Therapists in counselling and related specialized therapies (53.4%)	41320 Educational counsellors (19.3%)	31200 Psychologists (9.2%)	42201 Social and community service workers (5.4%)	4220 Paraprofessional occupations in legal, social, community and education services (2.2%)
42.2806 Educational psychology	41221 Elementary school and kindergarten teachers (17.5%)	413 Professional occupations in social and community services (16.1%)	41 Professional occupations in law, education, social, community and government services (22.3%)	x	x
45.0201 Anthropology, general	4140 Policy and program researchers, consultants and officers (23.3%)	1 Business, finance and administration occupations (28.6%)	4 Occupations in education, law and social, community and government services (23.6%)	x	x
45.0401 Criminology	42201 Social and community service workers (10.1%)	4140 Policy and program researchers, consultants and officers (17.0%)	4130 Social and community service professionals (6.6%)	413 Professional occupations in social and community services (8.4%)	131 Administrative occupations (6.3%)
45.0601 Economics, general	41401 Economists and economic policy researchers and analysts (28.2%)	11101 Financial and investment analysts (6.2%)	10021 Banking, credit and other investment managers (3.1%)	11100 Financial auditors and accountants (2.8%)	4140 Policy and program researchers, consultants and officers (7.0%)
45.0604 Development economics and international development	41403 Social policy researchers, consultants and program officers (17.0%)	4140 Policy and program researchers, consultants and officers (23.2%)	1120 Human resources and business service professionals (8.6%)	41 Professional occupations in law, education, social, community and government services (10.3%)	1 Business, finance and administration occupations (18.0%)
45.0701 Geography	41400 Natural and applied science policy researchers, consultants and program officers (9.1%)	4140 Policy and program researchers, consultants and officers (17.4%)	412 Professional occupations in education services (12.8%)	212 Professional occupations in applied sciences (except engineering) (9.3%)	1 Business, finance and administration occupations (18.6%)

x suppressed to meet the confidentiality requirements of the *Statistics Act*

**Notes:** Occupations are first sorted within each field of study by five-digit National Occupational Classification (NOC) code. If fewer than 10 occupations can be reported based on this approach (i.e., they do not meet the minimum cell size of 10), then the remaining occupations are sorted by four-digit NOC code, etc.

**Source:** Statistics Canada, 2021 Census of Population.

Appendix Table A.2-3

Most prevalent occupations held among master's degree graduates by detailed field of study, 2021, women aged 25 to 34 years

Field of study (2021 Classification of Instructional Programs, primary grouping and subgrouping code and name)	Most prevalent occupations (2021 National Occupational Classification code, name and percentage)				
	First	Second	Third	Fourth	Fifth
<b>Social and behavioural sciences and law (primary grouping) (continued)</b>					
45.0901 International relations and affairs	41403 Social policy researchers, consultants and program officers (23.3%)	41407 Program officers unique to government (8.5%)	41101 Lawyers and Quebec notaries (8.4%)	4140 Policy and program researchers, consultants and officers (16.9%)	1120 Human resources and business service professionals (7.7%)
45.1001 Political science and government, general	41403 Social policy researchers, consultants and program officers (12.3%)	11202 Professional occupations in advertising, marketing and public relations (7.6%)	41101 Lawyers and Quebec notaries (7.6%)	11201 Professional occupations in business management consulting (4.9%)	42201 Social and community service workers (4.9%)
45.1101 Sociology, general	42201 Social and community service workers (9.5%)	41403 Social policy researchers, consultants and program officers (8.9%)	4140 Policy and program researchers, consultants and officers (14.3%)	4130 Social and community service professionals (6.9%)	412 Professional occupations in education services (7.1%)
<b>Business, management and public administration (primary grouping)</b>					
44.0401 Public administration, general	41403 Social policy researchers, consultants and program officers (22.7%)	41400 Natural and applied science policy researchers, consultants and program officers (5.8%)	41404 Health policy researchers, consultants and program officers (4.8%)	13100 Administrative officers (4.7%)	41401 Economists and economic policy researchers and analysts (4.5%)
44.0501 Public policy analysis, general	41403 Social policy researchers, consultants and program officers (27.6%)	41400 Natural and applied science policy researchers, consultants and program officers (9.3%)	41404 Health policy researchers, consultants and program officers (7.9%)	4140 Policy and program researchers, consultants and officers (7.9%)	1120 Human resources and business service professionals (7.9%)
44.0701 Social work, general	41300 Social workers (68.0%)	41301 Therapists in counselling and related specialized therapies (11.5%)	42201 Social and community service workers (4.1%)	41403 Social policy researchers, consultants and program officers (1.9%)	41320 Educational counsellors (1.9%)
52.0101 Business/commerce, general	11201 Professional occupations in business management consulting (7.2%)	10022 Advertising, marketing and public relations managers (7.2%)	11202 Professional occupations in advertising, marketing and public relations (5.5%)	10021 Banking, credit and other investment managers (5.0%)	11100 Financial auditors and accountants (4.6%)
52.0201 Business administration and management, general	11201 Professional occupations in business management consulting (9.3%)	11202 Professional occupations in advertising, marketing and public relations (5.6%)	11100 Financial auditors and accountants (4.6%)	10022 Advertising, marketing and public relations managers (4.2%)	10021 Banking, credit and other investment managers (4.2%)
52.0211 Project management	1110 Auditors, accountants and investment professionals (10.4%)	1120 Human resources and business service professionals (9.9%)	100 Specialized middle management occupations in administrative services, financial and business services and communication (except broadcasting) (10.3%)	41 Professional occupations in law, education, social, community and government services (9.1%)	21 Professional occupations in natural and applied sciences (9.1%)
52.0301 Accounting	11100 Financial auditors and accountants (57.5%)	10010 Financial managers (12.5%)	11101 Financial and investment analysts (6.8%)	12200 Accounting technicians and bookkeepers (2.8%)	14200 Accounting and related clerks (2.2%)
52.0601 Business/managerial economics	1110 Auditors, accountants and investment professionals (34.4%)	1 Business, finance and administration occupations (25.5%)	x	x	x
52.0801 Finance, general	11101 Financial and investment analysts (24.5%)	63102 Financial sales representatives (7.2%)	11102 Financial advisors (6.7%)	41401 Economists and economic policy researchers and analysts (6.6%)	11100 Financial auditors and accountants (6.2%)
52.1001 Human resources management/personnel administration, general	11200 Human resources professionals (39.3%)	10011 Human resources managers (13.7%)	12101 Human resources and recruitment officers (9.4%)	131 Administrative occupations (6.9%)	11 Professional occupations in finance and business (5.0%)
52.1002 Labour and industrial relations	11200 Human resources professionals (55.6%)	10011 Human resources managers (11.4%)	1210 Administrative and regulatory occupations (8.8%)	1 Business, finance and administration occupations (10.0%)	x
52.1101 International business/trade/commerce	11202 Professional occupations in advertising, marketing and public relations (8.7%)	11102 Financial advisors (8.0%)	4140 Policy and program researchers, consultants and officers (16.0%)	1120 Human resources and business service professionals (9.8%)	100 Specialized middle management occupations in administrative services, financial and business services and communication (except broadcasting) (13.0%)
52.1301 Management science	212 Professional occupations in applied sciences (except engineering) (29.3%)	11 Professional occupations in finance and business (18.4%)	x	x	x

x suppressed to meet the confidentiality requirements of the Statistics Act

Notes: Occupations are first sorted within each field of study by five-digit National Occupational Classification (NOC) code. If fewer than 10 occupations can be reported based on this approach (i.e., they do not meet the minimum cell size of 10), then the remaining occupations are sorted by four-digit NOC code, etc.

Source: Statistics Canada, 2021 Census of Population.

Appendix Table A.2-4

Most prevalent occupations held among master's degree graduates by detailed field of study, 2021, women aged 25 to 34 years

Field of study (2021 Classification of Instructional Programs, primary grouping and subgrouping code and name)	Most prevalent occupations (2021 National Occupational Classification code, name and percentage)				
	First	Second	Third	Fourth	Fifth
<b>Business, management and public administration (primary grouping)(continued)</b>					
52.1401 Marketing/marketing management, general	11202 Professional occupations in advertising, marketing and public relations (29.4%)	10022 Advertising, marketing and public relations managers (19.9%)	41402 Business development officers and market researchers and analysts (7.1%)	11 Professional occupations in finance and business (6.6%)	6 Sales and service occupations (13.6%)
52.1601 Taxation	11100 Financial auditors and accountants (72.8%)	41 Professional occupations in law, education, social, community and government services (11.6%)	x	x	x
<b>Physical and life sciences and technologies (primary grouping)</b>					
26.0101 Biology/biological sciences, general	21110 Biologists and related scientists (33.7%)	41201 Post-secondary teaching and research assistants (8.8%)	41400 Natural and applied science policy researchers, consultants and program officers (7.3%)	1120 Human resources and business service professionals (4.7%)	4122 Secondary, elementary and kindergarten school teachers (4.3%)
26.0202 Biochemistry	21101 Chemists (12.4%)	21110 Biologists and related scientists (11.6%)	412 Professional occupations in education services (10.1%)	41 Professional occupations in law, education, social, community and government services (12.8%)	3 Health occupations (18.6%)
26.1201 Biotechnology	211 Professional occupations in natural sciences (17.7%)	2 Natural and applied sciences and related occupations (24.1%)	1 Business, finance and administration occupations (20.6%)	6 Sales and service occupations (16.8%)	x
26.1309 Epidemiology	21210 Mathematicians, statisticians and actuaries (31.4%)	41404 Health policy researchers, consultants and program officers (15.8%)	41201 Post-secondary teaching and research assistants (9.7%)	3110 Physicians and veterinarians (13.0%)	2 Natural and applied sciences and related occupations (12.6%)
26.1501 Neuroscience	41201 Post-secondary teaching and research assistants (15.7%)	21 Professional occupations in natural and applied sciences (16.2%)	31 Professional occupations in health (14.3%)	41 Professional occupations in law, education, social, community and government services (12.9%)	1 Business, finance and administration occupations (20.7%)
30.0101 Biological and physical sciences	21110 Biologists and related scientists (8.4%)	4140 Policy and program researchers, consultants and officers (9.6%)	3120 Therapy and assessment professionals (7.3%)	3110 Physicians and veterinarians (6.3%)	3130 Nursing and allied health professionals (5.0%)
40.0501 Chemistry, general	21101 Chemists (39.3%)	412 Professional occupations in education services (10.7%)	21 Professional occupations in natural and applied sciences (9.4%)	41 Professional occupations in law, education, social, community and government services (6.9%)	1 Business, finance and administration occupations (11.4%)
40.0601 Geology/Earth science, general	21102 Geoscientists and oceanographers (34.8%)	4140 Policy and program researchers, consultants and officers (12.8%)	213 Professional occupations in engineering (13.2%)	2 Natural and applied sciences and related occupations (15.6%)	x
<b>Mathematics, computer and information sciences (primary grouping)</b>					
11.0101 Computer and information sciences, general	51100 Librarians (12.8%)	2122 Computer and information systems professionals (13.0%)	2123 Computer, software and Web designers and developers (11.7%)	1 Business, finance and administration occupations (19.1%)	4 Occupations in education, law and social, community and government services (12.3%)
11.0103 Information technology	2123 Computer, software and Web designers and developers (23.0%)	2122 Computer and information systems professionals (21.1%)	x	x	x
11.0401 Information science/studies	51100 Librarians (37.6%)	2122 Computer and information systems professionals (9.3%)	1 Business, finance and administration occupations (20.4%)	5 Occupations in art, culture, recreation and sport (16.1%)	x
11.0701 Computer science	21232 Software developers and programmers (26.5%)	21231 Software engineers and designers (19.0%)	21211 Data scientists (10.1%)	21234 Web developers and programmers (8.1%)	21222 Information systems specialists (6.3%)
25.0101 Library and information science	51100 Librarians (39.8%)	52100 Library and public archive technicians (7.7%)	50010 Library, archive, museum and art gallery managers (7.3%)	14300 Library assistants and clerks (4.0%)	11202 Professional occupations in advertising, marketing and public relations (3.7%)
27.0101 Mathematics, general	41210 College and other vocational instructors (12.7%)	41220 Secondary school teachers (12.1%)	2121 Mathematicians, statisticians, actuaries and data scientists (14.7%)	1110 Auditors, accountants and investment professionals (12.3%)	212 Professional occupations in applied sciences (except engineering) (15.4%)

x suppressed to meet the confidentiality requirements of the Statistics Act

Notes: Occupations are first sorted within each field of study by five-digit National Occupational Classification (NOC) code. If fewer than 10 occupations can be reported based on this approach (i.e., they do not meet the minimum cell size of 10), then the remaining occupations are sorted by four-digit NOC code, etc.

Source: Statistics Canada, 2021 Census of Population.

Appendix Table A.2-5

Most prevalent occupations held among master's degree graduates by detailed field of study, 2021, women aged 25 to 34 years

Field of study (2021 Classification of Instructional Programs, primary grouping and subgrouping code and name)	Most prevalent occupations (2021 National Occupational Classification code, name and percentage)				
	First	Second	Third	Fourth	Fifth
27.0501 Statistics, general	21210 Mathematicians, statisticians and actuaries (30.2%)	21211 Data scientists (15.3%)	2122 Computer and information systems professionals (10.7%)	41 Professional occupations in law, education, social, community and government services (12.3%)	1 Business, finance and administration occupations (21.2%)
30.7102 Business analytics	212 Professional occupations in applied sciences (except engineering) (32.6%)	11 Professional occupations in finance and business (25.4%)	x	x	x
<b>Architecture, engineering, and related trades (primary grouping)</b>					
04.0201 Architecture	21200 Architects (78.9%)	22210 Architectural technologists and technicians (6.8%)	5212 Graphic and interior designers (2.5%)	2 Natural and applied sciences and related occupations (3.9%)	x
04.0301 City/urban, community and regional planning	21202 Urban and land use planners (51.9%)	41403 Social policy researchers, consultants and program officers (7.3%)	4140 Policy and program researchers, consultants and officers (5.5%)	100 Specialized middle management occupations in administrative services, financial and business services and communication (except broadcasting) (4.6%)	212 Professional occupations in applied sciences (except engineering) (4.6%)
04.0601 Landscape architecture	21201 Landscape architects (32.9%)	22114 Landscape and horticulture technicians and specialists (29.6%)	2 Natural and applied sciences and related occupations (26.1%)	x	x
14.0101 Engineering, general	21300 Civil engineers (14.6%)	21301 Mechanical engineers (7.1%)	21231 Software engineers and designers (5.9%)	21310 Electrical and electronics engineers (5.8%)	21321 Industrial and manufacturing engineers (4.6%)
14.0501 Biomedical/medical engineering	21399 Other professional engineers (21.7%)	212 Professional occupations in applied sciences (except engineering) (17.5%)	21 Professional occupations in natural and applied sciences (13.8%)	2 Natural and applied sciences and related occupations (12.7%)	1 Business, finance and administration occupations (11.8%)
14.0701 Chemical engineering	21320 Chemical engineers (20.8%)	212 Professional occupations in applied sciences (except engineering) (11.1%)	41 Professional occupations in law, education, social, community and government services (15.3%)	21 Professional occupations in natural and applied sciences (11.4%)	1 Business, finance and administration occupations (14.6%)
14.0801 Civil engineering, general	21300 Civil engineers (52.5%)	213 Professional occupations in engineering (8.0%)	2 Natural and applied sciences and related occupations (12.5%)	x	x
14.0901 Computer engineering, general	21232 Software developers and programmers (23.2%)	21231 Software engineers and designers (21.8%)	21222 Information systems specialists (12.9%)	2123 Computer, software and Web designers and developers (14.9%)	2 Natural and applied sciences and related occupations (13.3%)
14.0903 Computer software engineering	21232 Software developers and programmers (33.8%)	21231 Software engineers and designers (28.6%)	212 Professional occupations in applied sciences (except engineering) (23.7%)	x	x
14.1001 Electrical and electronics engineering	21310 Electrical and electronics engineers (31.8%)	21231 Software engineers and designers (10.8%)	2123 Computer, software and Web designers and developers (8.1%)	212 Professional occupations in applied sciences (except engineering) (9.4%)	22 Technical occupations related to natural and applied sciences (9.4%)
14.1401 Environmental/environmental health engineering	21300 Civil engineers (32.4%)	41 Professional occupations in law, education, social, community and government services (18.7%)	2 Natural and applied sciences and related occupations (20.8%)	x	x
14.1901 Mechanical engineering	21301 Mechanical engineers (42.9%)	21 Professional occupations in natural and applied sciences (17.7%)	x	x	x
14.3501 Industrial engineering	21321 Industrial and manufacturing engineers (23.6%)	212 Professional occupations in applied sciences (except engineering) (16.3%)	1 Business, finance and administration occupations (29.3%)	x	x
14.4701 Electrical and computer engineering	21231 Software engineers and designers (21.5%)	21232 Software developers and programmers (12.7%)	22221 User support technicians (8.6%)	21310 Electrical and electronics engineers (8.1%)	21222 Information systems specialists (7.9%)
14.9999 Engineering, other	212 Professional occupations in applied sciences (except engineering) (25.8%)	213 Professional occupations in engineering (24.6%)	x	x	x

x suppressed to meet the confidentiality requirements of the *Statistics Act*

**Notes:** Occupations are first sorted within each field of study by five-digit National Occupational Classification (NOC) code. If fewer than 10 occupations can be reported based on this approach (i.e., they do not meet the minimum cell size of 10), then the remaining occupations are sorted by four-digit NOC code, etc.

**Source:** Statistics Canada, 2021 Census of Population.

Appendix Table A.2-6

Most prevalent occupations held among master's degree graduates by detailed field of study, 2021, women aged 25 to 34 years

Field of study (2021 Classification of Instructional Programs, primary grouping and subgrouping code and name)	Most prevalent occupations (2021 National Occupational Classification code, name and percentage)				
	First	Second	Third	Fourth	Fifth
<b>Agriculture, natural resources and conservation (primary grouping)</b>					
01.1001 Food science	21110 Biologists and related scientists (20.0%)	21120 Public and environmental health and safety professionals (15.5%)	2 Natural and applied sciences and related occupations (22.1%)	1 Business, finance and administration occupations (15.8%)	x
03.0103 Environmental studies	41400 Natural and applied science policy researchers, consultants and program officers (21.0%)	21110 Biologists and related scientists (7.0%)	1120 Human resources and business service professionals (9.2%)	4140 Policy and program researchers, consultants and officers (8.9%)	412 Professional occupations in education services (6.1%)
03.0104 Environmental science	41400 Natural and applied science policy researchers, consultants and program officers (22.8%)	21110 Biologists and related scientists (21.5%)	211 Professional occupations in natural sciences (10.1%)	41 Professional occupations in law, education, social, community and government services (9.0%)	1 Business, finance and administration occupations (11.3%)
03.0201 Environmental/natural resources management and policy, general	41400 Natural and applied science policy researchers, consultants and program officers (30.5%)	2111 Life science professionals (13.2%)	41 Professional occupations in law, education, social, community and government services (11.8%)	1 Business, finance and administration occupations (17.1%)	x
<b>Health and related fields (primary grouping)</b>					
31.0505 Exercise science and kinesiology	31204 Kinesiologists and other professional occupations in therapy and assessment (13.3%)	31202 Physiotherapists (5.3%)	4140 Policy and program researchers, consultants and officers (9.7%)	412 Professional occupations in education services (9.8%)	413 Professional occupations in social and community services (6.3%)
51.0000 Health services/allied health/health sciences, general	41404 Health policy researchers, consultants and program officers (9.7%)	31203 Occupational therapists (6.8%)	31112 Audiologists and speech language pathologists (6.2%)	41201 Post-secondary teaching and research assistants (5.9%)	3130 Nursing and allied health professionals (7.2%)
51.0202 Audiology/audiologist	31112 Audiologists and speech language pathologists (95.2%)	x	x	x	x
51.0203 Speech-language pathology/pathologist	31112 Audiologists and speech language pathologists (96.3%)	x	x	x	x
51.0701 Health/health care administration/management	41404 Health policy researchers, consultants and program officers (23.6%)	31 Professional occupations in health (17.9%)	3 Health occupations (16.9%)	1 Business, finance and administration occupations (15.1%)	x
51.1401 Medical science/scientist	31102 General practitioners and family physicians (18.5%)	31101 Specialists in surgery (10.5%)	41201 Post-secondary teaching and research assistants (9.7%)	31100 Specialists in clinical and laboratory medicine (8.5%)	21110 Biologists and related scientists (8.1%)
51.2001 Pharmacy	31120 Pharmacists (90.5%)	x	x	x	x
51.2201 Public health, general	41404 Health policy researchers, consultants and program officers (29.9%)	31301 Registered nurses and registered psychiatric nurses (6.5%)	21210 Mathematicians, statisticians and actuaries (6.3%)	31102 General practitioners and family physicians (4.2%)	41201 Post-secondary teaching and research assistants (4.1%)
51.2306 Occupational therapy/therapist	31203 Occupational therapists (91.3%)	31300 Nursing coordinators and supervisors (1.0%)	42201 Social and community service workers (0.8%)	413 Professional occupations in social and community services (1.1%)	41 Professional occupations in law, education, social, community and government services (1.0%)
51.2308 Physical therapy/therapist	31202 Physiotherapists (94.0%)	3 Health occupations (2.5%)	4 Occupations in education, law and social, community and government services (1.5%)	x	x
51.3801 Registered nursing/registered nurse	31301 Registered nurses and registered psychiatric nurses (50.2%)	31302 Nurse practitioners (27.8%)	41210 College and other vocational instructors (6.3%)	30010 Managers in health care (5.4%)	4120 University professors and post-secondary assistants (2.4%)
60.0701 Nurse practitioner residency/fellowship programs, general	31302 Nurse practitioners (81.5%)	31 Professional occupations in health (12.6%)	x	x	x

x suppressed to meet the confidentiality requirements of the Statistics Act

Notes: Occupations are first sorted within each field of study by five-digit National Occupational Classification (NOC) code. If fewer than 10 occupations can be reported based on this approach (i.e., they do not meet the minimum cell size of 10), then the remaining occupations are sorted by four-digit NOC code, etc.

Source: Statistics Canada, 2021 Census of Population.

## References

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