

National Occupational Classification Matrix 2011

Skill type 0 - Management is presented across all skill types and is also in skill level A. Skill types 1 to 9 are presented in columns and skill levels A to D are presented in rows.

	1 Business, finance and administration occupations	2 Natural and applied sciences and related occupations	3 Health occupations	4 Occupations in education, law and social, community and government services	5 Occupations in art, culture, recreation and sport	6 Sales and service occupations	7 Trades, transport and equipment operators and related occupations	8 Natural resources, agriculture and related production occupations	9 Occupations in manufacturing and utilities
0 Management occupations (Skill level A)	Major Group 00 Senior management occupations 001 Legislators and senior management								
	Major Group 01-05 Specialized middle management occupations					Major Group 06 Middle management occupations in retail and wholesale trade and customer services	Major Group 07-09 Middle management occupations in trades, transportation, production and utilities		
	011 Administrative services managers 012 Managers in financial and business services 013 Managers in communication (except broadcasting)	021 Managers in engineering, architecture, science and information systems	031 Managers in health care	041 Managers in public administration 042 Managers in education and social and community services 043 Managers in public protection services	051 Managers in art, culture, recreation and sport	060 Corporate sales managers 062 Retail and wholesale trade managers 063 Managers in food service and accommodation 065 Managers in customer and personal services, n.e.c.	071 Managers in construction and facility operation and maintenance 073 Managers in transportation	081 Managers in natural resources production and fishing 082 Managers in agriculture, horticulture and aquaculture	091 Managers in manufacturing and utilities
Skill level A Occupations usually require university education.			Major Group 30 Professional occupations in nursing 301 Professional occupations in nursing	Major Group 40 Professional occupations in education services 401 University professors and post-secondary assistants 402 College and other vocational instructors 403 Secondary and elementary school teachers and educational counsellors					
	Major Group 11 Professional occupations in business and finance 111 Auditors, accountants and investment professionals 112 Human resources and business service professionals	Major Group 21 Professional occupations in natural and applied sciences 211 Physical science professionals 212 Life science professionals 213 Civil, mechanical, electrical and chemical engineers 214 Other engineers 215 Architects, urban planners and land surveyors 216 Mathematicians, statisticians and actuaries 217 Computer and information systems professionals	Major Group 31 Professional occupations in health (except nursing) 311 Physicians, dentists and veterinarians 312 Optometrists, chiropractors and other health diagnosing and treating professionals 313 Pharmacists, dietitians and nutritionists 314 Therapy and assessment professionals	Major Group 41 Professional occupations in law and social, community and government services 411 Judges, lawyers and Quebec notaries 415 Social and community service professionals 416 Policy and program researchers, consultants and officers	Major Group 51 Professional occupations in art and culture 511 Librarians, archivists, conservators and curators 512 Writing, translating and related communications professionals 513 Creative and performing artists				
	Major Group 12 Administrative and financial	Major Group 22 Technical occupations related to natural	Major Group 32 Technical occupations in Health	Major Group 42 Paraprofessional occupations in	Major Group 52 Technical occupations in art,	Major Group 62 Retail sales supervisors and	Major Group 72 Industrial, electrical and construction trades	Major Group 82 Supervisors and technical occupations in natural	Major Group 92 Processing, manufacturing and utilities supervisors and central

Skill level B Occupations usually require college education or apprenticeship training.	supervisors and administrative occupations 121 Administrative services supervisors 122 Administrative and regulatory occupations 124 Office administrative assistants - general, legal and medical 125 Court reporters, transcriptionists, records management technicians and statistical officers	and applied sciences 221 Technical occupations in physical sciences 222 Technical occupations in life sciences 223 Technical occupations in civil, mechanical and industrial engineering 224 Technical occupations in electronics and electrical engineering 225 Technical occupations in architecture, drafting, surveying, geomatics and meteorology 226 Other technical inspectors and regulatory officers 227 Transportation officers and controllers 228 Technical occupations in computer and information systems	321 Medical technologists and technicians (except dental health) 322 Technical occupations in dental health care 323 Other technical occupations in health care	legal, social, community and education services 421 Paraprofessional occupations in legal, social, community and education services	culture, recreation and sport 521 Technical occupations in libraries, public archives, museums and art galleries 522 Photographers, graphic arts technicians and technical and coordinating occupations in motion pictures, broadcasting and the performing arts 523 Announcers and other performers, n.e.c. 524 Creative designers and craftspersons 525 Athletes, coaches, referees and related occupations	specialized sales occupations 621 Retail sales supervisors 622 Technical sales specialists in wholesale trade and retail and wholesale buyers 623 Insurance, real estate and financial sales occupations	720 Contractors and supervisors, industrial, electrical and construction trades and related workers 723 Machining, metal forming, shaping and erecting trades 724 Electrical trades and telecommunications workers 725 Plumbers, pipefitters and gas fitters 727 Carpenters and cabinetmakers 728 Masonry and plastering trades 729 Other construction trades	resources, agriculture and related production 821 Supervisors, logging and forestry 822 Contractors and supervisors, mining, oil and gas 823 Underground miners, oil and gas drillers and related occupations 824 Logging machinery operators 825 Contractors and supervisors, agriculture, horticulture and related operations and services 826 Fishing vessel masters and fishermen/women	control operators 921 Supervisors, processing and manufacturing occupations 922 Supervisors, assembly and fabrication 923 Central control and process operators in processing and manufacturing 924 Utilities equipment operators and controllers
	Major Group 13 Finance, insurance and related business administrative occupations 131 Finance, insurance and related business administrative occupations			Major Group 43 Occupations in front-line public protection services 431 Occupations in front-line public protection services		Major Group 63 Service supervisors and specialized service occupations 631 Service supervisors 632 Chefs and cooks 633 Butchers and bakers 634 Specialized occupations in personal and customer services	Major Group 73 Maintenance and equipment operation trades 730 Contractors and supervisors, maintenance trades and heavy equipment and transport operators 731 Machinery and transportation equipment mechanics (except motor vehicle) 732 Automotive service technicians 733 Other mechanics and related repairers 736 Train crew operating occupations 737 Crane operators, drillers and blasters 738 Printing press operators and other trades and related occupations, n.e.c.		
Skill level C Occupations usually require	Major Group 14 Office support occupations 141 General office workers 142 Office equipment operators 143 Financial, insurance and related administrative support workers 145 Library, correspondence and other clerks		Major Group 34 Assisting occupations in support of health services 341 Assisting occupations in support of health services	Major Group 44 Care providers and educational, legal and public protection support occupations 441 Home care providers and educational support occupations 442 Legal and public protection support occupations		Major Group 64 Sales representatives and salespersons - wholesale and retail trade 641 Sales and account representatives - wholesale trade (non-technical) 642 Retail salespersons	Major Group 74 Other installers, repairers and servicers and material handlers 744 Other installers, repairers and servicers 745 Longshore workers and material handlers	Major Group 84 Workers in natural resources, agriculture and related production 841 Mine service workers and operators in oil and gas drilling 842 Logging and forestry workers 843 Agriculture and horticulture workers 844 Other workers in fishing and trapping and hunting occupations	Major Group 94 Processing and manufacturing machine operators and related productions workers 941 Machine operators and related workers in mineral and metal products processing and manufacturing 942 Machine operators and related workers in chemical, plastic and rubber processing 943 Machine operators and related workers in pulp and paper production and wood processing and manufacturing 944 Machine operators and related workers in textile, fabric, fur and leather products processing and manufacturing 946 Machine operators and related workers in food, beverage and associated products processing 947 Printing equipment operators and related occupations

secondary school and/or occupation-specific training.	Major Group 15 Distribution, tracking and scheduling co-ordination occupations 151 Mail and message distribution occupations 152 Supply chain logistics, tracking and scheduling co-ordination occupations					Major Group 65 Service representatives and other customer and personal services occupations 651 Occupations in food and beverage service 652 Occupations in travel and accommodation 653 Tourism and amusement services occupations 654 Security guards and related security service occupations 655 Customer and information services representatives 656 Other occupations in personal service	Major Group 75 Transport and heavy equipment operation and related maintenance occupations 751 Motor vehicle and transit drivers 752 Heavy equipment operators 753 Other transport equipment operators and related maintenance workers		Major Group 95 Assemblers in manufacturing 952 Mechanical, electrical and electronics assemblers 953 Other assembly and related occupations
Skill level D On-the-job training is usually provided for occupations.						Major Group 66 Sales support occupations 661 Cashiers 662 Other sales support and related occupations Major Group 67 Service support and other service occupations n.e.c. 671 Food counter attendants, kitchen helpers and related support occupations 672 Support occupations in accommodation, travel and amusement services 673 Cleaners 674 Other service support and related occupations, n.e.c.	Major Group 76 Trades helpers, construction labourers and related occupations 761 Trades helpers and labourers 762 Public works and other labourers, n.e.c.	Major Group 86 Harvesting, landscaping and natural resources labourers 861 Harvesting, landscaping and natural resources labourers	Major Group 96 Labourers in processing, manufacturing and utilities 961 Labourers in processing, manufacturing and utilities