
Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3



Release date: October 4, 2023

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Release date: October 4, 2023

Catalogue number 98-26-0007, issue 2021001

ISBN 978-0-660-67556-5

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Introduction to the empirical concordance

The relationships between categories of the [National Occupational Classification \(NOC\) 2021 Version 1.0](#) and those of the [NOC 2016 Version 1.3](#)—based on information from the 2021 Census—are presented in the NOC 2021–NOC 2016 and NOC 2016–NOC 2021 empirical concordances.

The proportional distributions in the empirical concordances are based on weighted responses to the occupation questions in the 2021 Census. Write-in responses to the occupation questions for the target population (Canada, employed persons aged 15 years and older in private households) were coded first according to the NOC 2021 and later according to the NOC 2016 using a machine learning (ML) model for occupations that are not one-to-one concordances. The ML model was developed using coded responses from the previous census that were vetted by subject-matter experts for quality and reference files (containing job titles and job descriptions and their assigned NOC codes) that were assessed and selected by subject-matter experts and methodologists.

How to read the National Occupational Classification 2021 Version 1.0 and National Occupational Classification 2016 Version 1.3 empirical concordance tables

Six empirical concordance tables are available: three with proportions between NOC 2016 and NOC 2021 and three with proportions between NOC 2021 and NOC 2016. These tables provide proportions at three levels of detail: the broad occupational category level (one-digit NOC), the major group level (two-digit NOC) and the unit group level (four digits in the NOC 2016 and five digits in the NOC 2021).

The tables may be used to convert NOC 2021 codes to NOC 2016 codes or vice versa by using the appropriate value specified in the “Share” column on the right-hand side of the table. Each line of the table represents a unique NOC 2021–NOC 2016 relationship. In [Example 1](#) below, the “Share of NOC 2021 unit group” column presents the percentage of the NOC 2021 category (left column) total that is accounted for by the specific NOC 2016 code in the middle column. This column will add up to 100%¹ for the NOC code shown on the left-hand side of the table.

The following explanations are based on the NOC 2021–NOC 2016 concordance tables. Note that the same principles also apply to the interpretation and use of the NOC 2016–NOC 2021 tables.

Example 1

National Occupational Classification (NOC) 2021–NOC 2016: A NOC 2021 category is associated with multiple NOC 2016 categories

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
13201 Production and transportation logistics coordinators	1215 Supervisors, supply chain, tracking and scheduling co-ordination occupations	60.0
	1523 Production logistics co-ordinators	30.0
	1525 Dispatchers	10.0

Source: Statistics Canada, Census of Population, 2021.

In this case, the NOC 2021 category 13201, Production and transportation logistics coordinators, is associated with three NOC 2016 categories. The first row of the table indicates that 60.0% of the total number of individuals whose occupation was 13201 under the NOC 2021 were coded to 1215, Supervisors, supply chain, tracking and scheduling co-ordination occupations, under the NOC 2016. The second NOC 2016 category contributes 30.0%, and the third category contributes 10.0% (60.0 + 30.0 + 10.0 = 100).

1. Because of rounding, the column total may be 99.9% or 100.1%.

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Users are also advised to consider whether their population for conversion is similar to the target population on which the concordance tables are based (Canada, employed persons aged 15 years and older in private households).

Users wishing to convert entire distributions of a given classification may find it easier to work with the downloaded versions of the concordance tables that provide titles and codes for each NOC 2021–NOC 2016 combination.

How to convert codes from the National Occupational Classification (NOC) 2021 to NOC 2016 using the NOC 2021 to NOC 2016 concordance tables

Using the portion of the NOC 2021 to NOC 2016 concordance shown in [Example 1](#) above, assume it is known that there are 500 observations coded to 13201, Production and transportation logistics coordinators. To distribute these observations to their respective NOC 2016 codes, the following calculations must be performed:

Example 2

A ¹	B ²	C ³	Multiply	D ⁴	Equals	E ⁵
13201	1215	60.0/100	x	500	=	300
13201	1523	30.0/100	x	500	=	150
13201	1525	10.0/100	x	500	=	50

1. Column A is the NOC 2021 unit group code (from the concordance table).
2. Column B is the NOC 2016 unit group code associated with the given NOC 2021 category (from the concordance table).
3. Column C is the share of the NOC 2021 unit group accounted for by the given NOC 2016 code (percentage from the concordance table, divided by 100).
4. Column D represents the known total for the given NOC 2021 code (500 for 13201, source data supplied by the user).
5. Column E is the counts from the NOC 2021 category in column A to be assigned to the NOC 2016 category specified in column B (calculated by multiplying columns C and D).

Note that when using the NOC 2021–NOC 2016 concordance to convert NOC 2021 to NOC 2016, the process must be applied to the entire distribution of NOC 2021 codes in the population, because the NOC 2016 codes are usually associated with multiple codes. The three calculated shares in column E represent only portions of their respective NOC 2016 categories. For example, the NOC 2016 code 1215, Supervisors, supply chain, tracking and scheduling co-ordination occupations, is associated with two other NOC 2021 categories: 12013, Supervisors, supply chain, tracking and scheduling coordination occupations, and 74202, Air transport ramp attendants. The shares of NOC 2016 code 1215 deriving from these NOC 2021 codes must also be known before arriving at a total for NOC 2016 code 1215.

After column E has been calculated for all NOC 2021–NOC 2016 combinations, these values can then be regrouped to calculate totals by NOC 2016. The difference between the sum of NOC 2021 totals in the original dataset and the sum of the calculated NOC 2016 totals will be the rounding error (provided that all NOC 2021 codes in the original dataset appear in the concordance table).

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National Occupational Classification 2021–National Occupational Classification 2016 concordance tables

Table 1
National Occupational Classification (NOC) 2021 broad categories and NOC 2016 broad categories

NOC 2021 broad occupation category	NOC 2016 broad occupation category	Share of NOC 2021 broad category (%)
0 Legislative and senior management occupations	0 Management occupations	100.0
1 Business, finance and administration occupations	0 Management occupations	12.9
	1 Business, finance and administration occupations	85.8
	4 Occupations in education, law and social, community and government services	1.3
2 Natural and applied sciences and related occupations	0 Management occupations	8.2
	2 Natural and applied sciences and related occupations	91.2
	4 Occupations in education, law and social, community and government services	0.5
	7 Trades, transport and equipment operators and related occupations	0.1
3 Health occupations	0 Management occupations	2.4
	3 Health occupations	96.2
	4 Occupations in education, law and social, community and government services	1.3
4 Occupations in education, law and social, community and government services	0 Management occupations	5.5
	1 Business, finance and administration occupations	0.5
	3 Health occupations	0.1
	4 Occupations in education, law and social, community and government services	93.6
	6 Sales and service occupations	0.3
5 Occupations in art, culture, recreation and sport	0 Management occupations	4.0
	5 Occupations in art, culture, recreation and sport	96.0
6 Sales and service occupations	0 Management occupations	13.7
	1 Business, finance and administration occupations	0.3
	4 Occupations in education, law and social, community and government services	0.3
	5 Occupations in art, culture, recreation and sport	0.1
	6 Sales and service occupations	85.6

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Table 1
National Occupational Classification (NOC) 2021 broad categories and NOC 2016 broad categories

NOC 2021 broad occupation category	NOC 2016 broad occupation category	Share of NOC 2021 broad category (%)
7 Trades, transport and equipment operators and related occupations	0 Management occupations	8.2
	1 Business, finance and administration occupations	2.9
	2 Natural and applied sciences and related occupations	0.9
	6 Sales and service occupations	3.7
	7 Trades, transport and equipment operators and related occupations	84.2
	8 Natural resources, agriculture and related production occupations	0.0
8 Natural resources, agriculture and related production occupations	0 Management occupations	31.3
	8 Natural resources, agriculture and related production occupations	68.7
9 Occupations in manufacturing and utilities	0 Management occupations	9.3
	9 Occupations in manufacturing and utilities	90.7

Source: Statistics Canada, Census of Population, 2021.

Table 2
National Occupational Classification (NOC) 2021 major groups and NOC 2016 major groups

NOC 2021 major group	NOC 2016 major group	Share of NOC 2021 major group (%)
00 Legislative and senior managers	00 Senior management occupations	100.0
10 Specialized middle management occupations in administrative services, financial and business services and communication (except broadcasting)	01-05 Specialized middle management occupations	97.5
	11 Professional occupations in business and finance	2.0
	12 Administrative and financial supervisors and administrative occupations	0.5
11 Professional occupations in finance and business	01-05 Specialized middle management occupations	1.4
	11 Professional occupations in business and finance	92.7
	41 Professional occupations in law and social, community and government services	5.9
12 Administrative and financial supervisors and specialized administrative occupations	12 Administrative and financial supervisors and administrative occupations	57.4
	13 Finance, insurance and related business administrative occupations	42.6

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Table 2
National Occupational Classification (NOC) 2021 major groups and NOC 2016 major groups

NOC 2021 major group	NOC 2016 major group	Share of NOC 2021 major group (%)
13 Administrative occupations and transportation logistics occupations	01-05 Specialized middle management occupations	0.6
	12 Administrative and financial supervisors and administrative occupations	91.1
	13 Finance, insurance and related business administrative occupations	0.6
	14 Office support occupations	5.1
	15 Distribution, tracking and scheduling co-ordination occupations	2.5
14 Administrative and financial support and supply chain logistics occupations	12 Administrative and financial supervisors and administrative occupations	0.3
	14 Office support occupations	72.6
	15 Distribution, tracking and scheduling co-ordination occupations	27.1
20 Specialized middle management occupations in engineering, architecture, science and information systems	01-05 Specialized middle management occupations	100.0
21 Professional occupations in natural and applied sciences	21 Professional occupations in natural and applied sciences	96.9
	22 Technical occupations related to natural and applied sciences	2.2
	41 Professional occupations in law and social, community and government services	0.9
22 Technical occupations related to natural and applied sciences	01-05 Specialized middle management occupations	0.2
	22 Technical occupations related to natural and applied sciences	99.3
	74 Other installers, repairers and servicers and material handlers	0.4
30 Specialized middle management occupations in health care	01-05 Specialized middle management occupations	100.0
31 Professional occupations in health	30 Professional occupations in nursing	52.1
	31 Professional occupations in health (except nursing)	44.7
	32 Technical occupations in health	0.1
	41 Professional occupations in law and social, community and government services	3.1
32 Technical occupations in health	31 Professional occupations in health (except nursing)	0.8
	32 Technical occupations in health	98.0
	34 Assisting occupations in support of health services	1.2
	33 Assisting occupations in support of health services	32 Technical occupations in health
	34 Assisting occupations in support of health services	89.3

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Table 2
National Occupational Classification (NOC) 2021 major groups and NOC 2016 major groups

NOC 2021 major group	NOC 2016 major group	Share of NOC 2021 major group (%)
40 Managers in public administration, in education and social and community services and in public protection services	01-05 Specialized middle management occupations	100.0
41 Professional occupations in law, education, social, community and government services	01-05 Specialized middle management occupations	0.0
	31 Professional occupations in health (except nursing)	0.2
	40 Professional occupations in education services	61.7
	41 Professional occupations in law and social, community and government services	37.9
	43 Occupations in front-line public protection services	0.2
42 Front-line public protection services and paraprofessional occupations in legal, social, community, education services	12 Administrative and financial supervisors and administrative occupations	0.4
	41 Professional occupations in law and social, community and government services	0.3
	42 Paraprofessional occupations in legal, social, community and education services	81.7
	43 Occupations in front-line public protection services	17.6
43 Assisting occupations in education and in legal and public protection	12 Administrative and financial supervisors and administrative occupations	4.4
	42 Paraprofessional occupations in legal, social, community and education services	17.9
	43 Occupations in front-line public protection services	14.8
	44 Care providers and educational, legal and public protection support occupations	62.9
44 Care providers and legal and public protection support occupations	43 Occupations in front-line public protection services	7.3
	44 Care providers and educational, legal and public protection support occupations	92.7
45 Student monitors, crossing guards and related occupations	44 Care providers and educational, legal and public protection support occupations	76.1
	65 Service representatives and other customer and personal services occupations	23.9
50 Specialized middle management occupations in art, culture, recreation and sport	01-05 Specialized middle management occupations	100.0
51 Professional occupations in art and culture	51 Professional occupations in art and culture	100.0
52 Technical occupations in art, culture and sport	52 Technical occupations in art, culture, recreation and sport	100.0

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Table 2
National Occupational Classification (NOC) 2021 major groups and NOC 2016 major groups

NOC 2021 major group	NOC 2016 major group	Share of NOC 2021 major group (%)
53 Occupations in art, culture and sport	51 Professional occupations in art and culture	31.6
	52 Technical occupations in art, culture, recreation and sport	68.4
54 Support occupations in sport	52 Technical occupations in art, culture, recreation and sport	100.0
55 Support occupations in art and culture	52 Technical occupations in art, culture, recreation and sport	100.0
60 Middle management occupations in retail and wholesale trade and customer services	06 Middle management occupations in retail and wholesale trade and customer services	100.0
62 Retail sales and service supervisors and specialized occupations in sales and services	52 Technical occupations in art, culture, recreation and sport	0.1
	62 Retail sales supervisors and specialized sales occupations	40.4
	63 Service supervisors and specialized service occupations	56.9
	64 Sales representatives and salespersons - wholesale and retail trade	2.5
63 Occupations in sales and services	62 Retail sales supervisors and specialized sales occupations	36.6
	63 Service supervisors and specialized service occupations	53.7
	65 Service representatives and other customer and personal services occupations	9.8
64 Sales and service representatives and other customer and personal services occupations	11 Professional occupations in business and finance	0.4
	15 Distribution, tracking and scheduling co-ordination occupations	0.6
	52 Technical occupations in art, culture, recreation and sport	0.3
	63 Service supervisors and specialized service occupations	1.5
	64 Sales representatives and salespersons - wholesale and retail trade	55.1
	65 Service representatives and other customer and personal services occupations	42.1
65 Sales and service support occupations	44 Care providers and educational, legal and public protection support occupations	0.8
	63 Service supervisors and specialized service occupations	0.5
	65 Service representatives and other customer and personal services occupations	9.6
	66 Sales support occupations	37.2
	67 Service support and other service occupations, n.e.c.	51.9

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Table 2
National Occupational Classification (NOC) 2021 major groups and NOC 2016 major groups

NOC 2021 major group	NOC 2016 major group	Share of NOC 2021 major group (%)
70 Middle management occupations in trades and transportation	01-05 Specialized middle management occupations	1.5
	07-09 Middle management occupations in trades, transportation, production and utilities	98.2
	62 Retail sales supervisors and specialized sales occupations	0.3
72 Technical trades and transportation officers and controllers	12 Administrative and financial supervisors and administrative occupations	0.6
	22 Technical occupations related to natural and applied sciences	2.4
	72 Industrial, electrical and construction trades	58.9
	73 Maintenance and equipment operation trades	38.0
	82 Supervisors in natural resources, agriculture and related production	0.0
73 General trades	67 Service support and other service occupations, n.e.c.	11.6
	72 Industrial, electrical and construction trades	15.4
	73 Maintenance and equipment operation trades	3.3
	74 Other installers, repairers and servicers and material handlers	7.5
	75 Transport and heavy equipment operation and related maintenance occupations	62.2
74 Mail and message distribution, other transport equipment operators and related maintenance workers	12 Administrative and financial supervisors and administrative occupations	0.7
	15 Distribution, tracking and scheduling co-ordination occupations	50.2
	74 Other installers, repairers and servicers and material handlers	2.9
	75 Transport and heavy equipment operation and related maintenance occupations	46.3

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Table 2
National Occupational Classification (NOC) 2021 major groups and NOC 2016 major groups

NOC 2021 major group	NOC 2016 major group	Share of NOC 2021 major group (%)
75 Helpers and labourers and other transport drivers, operators and labourers	15 Distribution, tracking and scheduling co-ordination occupations	1.8
	62 Retail sales supervisors and specialized sales occupations	2.1
	73 Maintenance and equipment operation trades	0.1
	74 Other installers, repairers and servicers and material handlers	32.0
	75 Transport and heavy equipment operation and related maintenance occupations	23.6
	76 Trades helpers, construction labourers and related occupations	40.4
	80 Middle management occupations in production and agriculture	07-09 Middle management occupations in trades, transportation, production and utilities
82 Supervisors in natural resources, agriculture and related production	82 Supervisors and technical occupations in natural resources, agriculture and related production	100.0
83 Occupations in natural resources and related production	82 Supervisors and technical occupations in natural resources, agriculture and related production	100.0
84 Workers in natural resources, agriculture and related production	82 Supervisors and technical occupations in natural resources, agriculture and related production	7.8
	84 Workers in natural resources, agriculture and related production	92.2
85 Harvesting, landscaping and natural resources labourers	82 Supervisors and technical occupations in natural resources, agriculture and related production	0.3
	84 Workers in natural resources, agriculture and related production	28.3
	86 Harvesting, landscaping and natural resources labourers	71.4
90 Middle management occupations in manufacturing and utilities	07-09 Middle management occupations in trades, transportation, production and utilities	100.0
92 Processing, manufacturing and utilities supervisors and utilities operators and controllers	92 Processing, manufacturing and utilities supervisors and central control operators	100.0
93 Central control and process operators and aircraft assembly assemblers and inspectors	92 Processing, manufacturing and utilities supervisors and central control operators	82.1
	95 Assemblers in manufacturing	17.9

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Table 2
National Occupational Classification (NOC) 2021 major groups and NOC 2016 major groups

NOC 2021 major group	NOC 2016 major group	Share of NOC 2021 major group (%)
94 Machine operators, assemblers and inspectors in processing, manufacturing and printing	94 Processing and manufacturing machine operators and related production workers	54.7
	95 Assemblers in manufacturing	44.9
	96 Labourers in processing, manufacturing and utilities	0.4
95 Labourers in processing, manufacturing and utilities	94 Processing and manufacturing machine operators and related production workers	2.9
	96 Labourers in processing, manufacturing and utilities	97.1

n.e.c. = not elsewhere classified

Source: Statistics Canada, Census of Population, 2021.

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
00010 Legislators	0011 Legislators	100.0
00011 Senior government managers and officials	0012 Senior government managers and officials	100.0
00012 Senior managers - financial, communications and other business services	0013 Senior managers - financial, communications and other business services	100.0
00013 Senior managers - health, education, social and community services and membership organizations	0014 Senior managers - health, education, social and community services and membership organizations	100.0
00014 Senior managers - trade, broadcasting and other services	0015 Senior managers - trade, broadcasting and other services, n.e.c.	100.0
00015 Senior managers - construction, transportation, production and utilities	0016 Senior managers - construction, transportation, production and utilities	100.0
10010 Financial managers	0111 Financial managers	100.0
10011 Human resources managers	0112 Human resources managers	100.0
10012 Purchasing managers	0113 Purchasing managers	96.6
	0433 Commissioned officers of the Canadian Armed Forces	3.4
10019 Other administrative services managers	0114 Other administrative services managers	95.1
	1227 Court officers and justices of the peace	4.9
10020 Insurance, real estate and financial brokerage managers	0121 Insurance, real estate and financial brokerage managers	100.0
10021 Banking, credit and other investment managers	0122 Banking, credit and other investment managers	100.0

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Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
10022 Advertising, marketing and public relations managers	0124 Advertising, marketing and public relations managers	90.7
	1123 Professional occupations in advertising, marketing and public relations	9.3
10029 Other business services managers	0125 Other business services managers	100.0
10030 Telecommunication carriers managers	0131 Telecommunication carriers managers	100.0
11100 Financial auditors and accountants	1111 Financial auditors and accountants	96.3
	1114 Other financial officers	3.7
11101 Financial and investment analysts	1112 Financial and investment analysts	100.0
11102 Financial advisors	1114 Other financial officers	100.0
11103 Securities agents, investment dealers and brokers	1113 Securities agents, investment dealers and brokers	100.0
11109 Other financial officers	1114 Other financial officers	100.0
11200 Human resources professionals	0112 Human resources managers	10.9
	1121 Human resources professionals	89.1
11201 Professional occupations in business management consulting	1122 Professional occupations in business management consulting	100.0
11202 Professional occupations in advertising, marketing and public relations	1123 Professional occupations in advertising, marketing and public relations	70.4
	4163 Business development officers and marketing researchers and consultants	29.6
12010 Supervisors, general office and administrative support workers	1211 Supervisors, general office and administrative support workers	100.0
12011 Supervisors, finance and insurance office workers	1212 Supervisors, finance and insurance office workers	100.0
12012 Supervisors, library, correspondence and related information workers	1213 Supervisors, library, correspondence and related information workers	100.0
12013 Supervisors, supply chain, tracking and scheduling coordination occupations	1215 Supervisors, supply chain, tracking and scheduling co-ordination occupations	100.0
12100 Executive assistants	1222 Executive assistants	100.0
12101 Human resources and recruitment officers	1223 Human resources and recruitment officers	100.0
12102 Procurement and purchasing agents and officers	1225 Purchasing agents and officers	100.0
12103 Conference and event planners	1226 Conference and event planners	100.0
12104 Employment insurance and revenue officers	1228 Employment insurance, immigration, border services and revenue officers	100.0
12110 Court reporters, medical transcriptionists and related occupations	1251 Court reporters, medical transcriptionists and related occupations	100.0
	1252 Health information management occupations	93.9
12111 Health information management occupations	1253 Records management technicians	6.1
	1253 Records management technicians	100.0

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Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
12113 Statistical officers and related research support occupations	1254 Statistical officers and related research support occupations	100.0
12200 Accounting technicians and bookkeepers	1311 Accounting technicians and bookkeepers	100.0
12201 Insurance adjusters and claims examiners	1312 Insurance adjusters and claims examiners	100.0
12202 Insurance underwriters	1313 Insurance underwriters	100.0
12203 Assessors, business valuers and appraisers	1314 Assessors, valuers and appraisers	100.0
13100 Administrative officers	1221 Administrative officers	100.0
13101 Property administrators	1224 Property administrators	100.0
13102 Payroll administrators	1432 Payroll administrators	100.0
13110 Administrative assistants	0112 Human resources managers	1.6
	1241 Administrative assistants	98.4
13111 Legal administrative assistants	1242 Legal administrative assistants	100.0
13112 Medical administrative assistants	1243 Medical administrative assistants	100.0
13200 Customs, ship and other brokers	1315 Customs, ship and other brokers	100.0
13201 Production and transportation logistics coordinators	1215 Supervisors, supply chain, tracking and scheduling co-ordination occupations	60.0
	1523 Production logistics co-ordinators	30.0
	1525 Dispatchers	10.0
14100 General office support workers	1411 General office support workers	100.0
14101 Receptionists	1414 Receptionists	100.0
14102 Personnel clerks	1415 Personnel clerks	100.0
14103 Court clerks and related court services occupations	1227 Court officers and justices of the peace	51.3
	1416 Court clerks	48.7
14110 Survey interviewers and statistical clerks	1454 Survey interviewers and statistical clerks	100.0
14111 Data entry clerks	1422 Data entry clerks	100.0
14112 Desktop publishing operators and related occupations	1423 Desktop publishing operators and related occupations	100.0
14200 Accounting and related clerks	1431 Accounting and related clerks	100.0
14201 Banking, insurance and other financial clerks	1434 Banking, insurance and other financial clerks	100.0
14202 Collection clerks	1435 Collectors	100.0
14300 Library assistants and clerks	1451 Library assistants and clerks	100.0
14301 Correspondence, publication and regulatory clerks	1452 Correspondence, publication and regulatory clerks	100.0
14400 Shippers and receivers	1521 Shippers and receivers	100.0
14401 Storekeepers and partspersons	1522 Storekeepers and partspersons	100.0
14402 Production logistics workers	1523 Production logistics co-ordinators	100.0

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Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
14403 Purchasing and inventory control workers	1524 Purchasing and inventory control workers	100.0
14404 Dispatchers	1525 Dispatchers	100.0
14405 Transportation route and crew schedulers	1526 Transportation route and crew schedulers	100.0
20010 Engineering managers	0211 Engineering managers	100.0
20011 Architecture and science managers	0212 Architecture and science managers	100.0
20012 Computer and information systems managers	0213 Computer and information systems managers	100.0
21100 Physicists and astronomers	2111 Physicists and astronomers	100.0
21101 Chemists	2112 Chemists	100.0
21102 Geoscientists and oceanographers	2113 Geoscientists and oceanographers	100.0
21103 Meteorologists and climatologists	2114 Meteorologists and climatologists	100.0
21109 Other professional occupations in physical sciences	2115 Other professional occupations in physical sciences	100.0
21110 Biologists and related scientists	2121 Biologists and related scientists	76.2
	4165 Health policy researchers, consultants and program officers	23.8
21111 Forestry professionals	2122 Forestry professionals	100.0
21112 Agricultural representatives, consultants and specialists	2123 Agricultural representatives, consultants and specialists	100.0
21120 Public and environmental health and safety professionals	2263 Inspectors in public and environmental health and occupational health and safety	100.0
21200 Architects	2151 Architects	100.0
21201 Landscape architects	2152 Landscape architects	100.0
21202 Urban and land use planners	2153 Urban and land use planners	100.0
21203 Land surveyors	2154 Land surveyors	100.0
21210 Mathematicians, statisticians and actuaries	2161 Mathematicians, statisticians and actuaries	100.0
21211 Data scientists	2171 Information systems analysts and consultants	15.5
	2172 Database analysts and data administrators	63.7
	2173 Software engineers and designers	20.7
21220 Cybersecurity specialists	2171 Information systems analysts and consultants	100.0
21221 Business systems specialists	2171 Information systems analysts and consultants	100.0
21222 Information systems specialists	2171 Information systems analysts and consultants	100.0
21223 Database analysts and data administrators	2172 Database analysts and data administrators	100.0
21230 Computer systems developers and programmers	2174 Computer programmers and interactive media developers	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
21231 Software engineers and designers	2173 Software engineers and designers	100.0
21232 Software developers and programmers	2174 Computer programmers and interactive media developers	100.0
21233 Web designers	2171 Information systems analysts and consultants	6.9
	2175 Web designers and developers	93.1
21234 Web developers and programmers	2174 Computer programmers and interactive media developers	19.5
	2175 Web designers and developers	80.5
21300 Civil engineers	2131 Civil engineers	100.0
21301 Mechanical engineers	2132 Mechanical engineers	100.0
21310 Electrical and electronics engineers	2133 Electrical and electronics engineers	100.0
21311 Computer engineers (except software engineers and designers)	2147 Computer engineers (except software engineers and designers)	100.0
21320 Chemical engineers	2134 Chemical engineers	100.0
21321 Industrial and manufacturing engineers	2141 Industrial and manufacturing engineers	100.0
21322 Metallurgical and materials engineers	2142 Metallurgical and materials engineers	100.0
21330 Mining engineers	2143 Mining engineers	100.0
21331 Geological engineers	2144 Geological engineers	100.0
21332 Petroleum engineers	2145 Petroleum engineers	100.0
21390 Aerospace engineers	2146 Aerospace engineers	100.0
21399 Other professional engineers	2148 Other professional engineers, n.e.c.	100.0
22100 Chemical technologists and technicians	2211 Chemical technologists and technicians	100.0
22101 Geological and mineral technologists and technicians	2212 Geological and mineral technologists and technicians	100.0
22110 Biological technologists and technicians	2221 Biological technologists and technicians	100.0
22111 Agricultural and fish products inspectors	2222 Agricultural and fish products inspectors	100.0
22112 Forestry technologists and technicians	2223 Forestry technologists and technicians	100.0
22113 Conservation and fishery officers	2224 Conservation and fishery officers	100.0
22114 Landscape and horticulture technicians and specialists	2225 Landscape and horticulture technicians and specialists	100.0
22210 Architectural technologists and technicians	2251 Architectural technologists and technicians	100.0
22211 Industrial designers	2252 Industrial designers	100.0
22212 Drafting technologists and technicians	2253 Drafting technologists and technicians	100.0
22213 Land survey technologists and technicians	2254 Land survey technologists and technicians	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
22214 Technical occupations in geomatics and meteorology	2255 Technical occupations in geomatics and meteorology	100.0
22220 Computer network and web technicians	2281 Computer network technicians	100.0
22221 User support technicians	2282 User support technicians	100.0
22222 Information systems testing technicians	2283 Information systems testing technicians	100.0
22230 Non-destructive testers and inspectors	2261 Non-destructive testers and inspection technicians	100.0
22231 Engineering inspectors and regulatory officers	2262 Engineering inspectors and regulatory officers	100.0
22232 Occupational health and safety specialists	0112 Human resources managers	6.6
	2263 Inspectors in public and environmental health and occupational health and safety	93.4
22233 Construction inspectors	2264 Construction inspectors	100.0
22300 Civil engineering technologists and technicians	2231 Civil engineering technologists and technicians	100.0
22301 Mechanical engineering technologists and technicians	2232 Mechanical engineering technologists and technicians	100.0
22302 Industrial engineering and manufacturing technologists and technicians	2233 Industrial engineering and manufacturing technologists and technicians	100.0
22303 Construction estimators	2234 Construction estimators	100.0
22310 Electrical and electronics engineering technologists and technicians	2241 Electrical and electronics engineering technologists and technicians	100.0
22311 Electronic service technicians (household and business equipment)	2242 Electronic service technicians (household and business equipment)	95.6
	7445 Other repairers and servicers	4.4
22312 Industrial instrument technicians and mechanics	2243 Industrial instrument technicians and mechanics	100.0
22313 Aircraft instrument, electrical and avionics mechanics, technicians and inspectors	2244 Aircraft instrument, electrical and avionics mechanics, technicians and inspectors	100.0
30010 Managers in health care	0311 Managers in health care	100.0
31100 Specialists in clinical and laboratory medicine	3111 Specialist physicians	100.0
31101 Specialists in surgery	3111 Specialist physicians	100.0
31102 General practitioners and family physicians	3112 General practitioners and family physicians	100.0
31103 Veterinarians	3114 Veterinarians	100.0
31110 Dentists	3113 Dentists	100.0
31111 Optometrists	3121 Optometrists	100.0
31112 Audiologists and speech-language pathologists	3141 Audiologists and speech-language pathologists	100.0
31120 Pharmacists	3131 Pharmacists	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
31121 Dietitians and nutritionists	3132 Dietitians and nutritionists	100.0
31200 Psychologists	4151 Psychologists	100.0
31201 Chiropractors	3122 Chiropractors	100.0
31202 Physiotherapists	3142 Physiotherapists	100.0
31203 Occupational therapists	3143 Occupational therapists	100.0
31204 Kinesiologists and other professional occupations in therapy and assessment	3144 Other professional occupations in therapy and assessment	100.0
31209 Other professional occupations in health diagnosing and treating	3125 Other professional occupations in health diagnosing and treating	100.0
31300 Nursing coordinators and supervisors	3011 Nursing co-ordinators and supervisors	100.0
31301 Registered nurses and registered psychiatric nurses	3012 Registered nurses and registered psychiatric nurses	100.0
31302 Nurse practitioners	3124 Allied primary health practitioners	100.0
31303 Physician assistants, midwives and allied health professionals	3124 Allied primary health practitioners	62.1
	3125 Other professional occupations in health diagnosing and treating	5.8
	3212 Medical laboratory technicians and pathologists' assistants	16.0
	4153 Family, marriage and other related counsellors	16.1
32100 Opticians	3231 Opticians	100.0
32101 Licensed practical nurses	3233 Licensed practical nurses	100.0
32102 Paramedical occupations	3234 Paramedical occupations	100.0
32103 Respiratory therapists, clinical perfusionists and cardiopulmonary technologists	3124 Allied primary health practitioners	3.7
	3214 Respiratory therapists, clinical perfusionists and cardiopulmonary technologists	96.3
32104 Animal health technologists and veterinary technicians	3213 Animal health technologists and veterinary technicians	100.0
32109 Other technical occupations in therapy and assessment	3142 Physiotherapists	12.0
	3237 Other technical occupations in therapy and assessment	65.5
	3414 Other assisting occupations in support of health services	22.5
32110 Denturists	3221 Denturists	100.0
32111 Dental hygienists and dental therapists	3222 Dental hygienists and dental therapists	100.0
32112 Dental technologists and technicians	3223 Dental technologists, technicians and laboratory assistants	100.0
32120 Medical laboratory technologists	3211 Medical laboratory technologists	86.5
	3212 Medical laboratory technicians and pathologists' assistants	13.5
32121 Medical radiation technologists	3215 Medical radiation technologists	100.0
32122 Medical sonographers	3216 Medical sonographers	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
32123 Cardiology technologists and electrophysiological diagnostic technologists	3217 Cardiology technologists and electrophysiological diagnostic technologists, n.e.c.	100.0
32124 Pharmacy technicians	3219 Other medical technologists and technicians (except dental health)	100.0
32129 Other medical technologists and technicians	3219 Other medical technologists and technicians (except dental health)	100.0
32200 Traditional Chinese medicine practitioners and acupuncturists	3232 Practitioners of natural healing	100.0
32201 Massage therapists	3236 Massage therapists	100.0
32209 Other practitioners of natural healing	3232 Practitioners of natural healing	100.0
33100 Dental assistants and dental laboratory assistants	3223 Dental technologists, technicians and laboratory assistants	5.0
	3411 Dental assistants	95.0
33101 Medical laboratory assistants and related technical occupations	3212 Medical laboratory technicians and pathologists' assistants	100.0
33102 Nurse aides, orderlies and patient service associates	3413 Nurse aides, orderlies and patient service associates	100.0
33103 Pharmacy technical assistants and pharmacy assistants	3219 Other medical technologists and technicians (except dental health)	87.0
	3414 Other assisting occupations in support of health services	13.0
33109 Other assisting occupations in support of health services	3237 Other technical occupations in therapy and assessment	5.0
	3414 Other assisting occupations in support of health services	95.0
40010 Government managers - health and social policy development and program administration	0411 Government managers - health and social policy development and program administration	100.0
40011 Government managers - economic analysis, policy development and program administration	0412 Government managers - economic analysis, policy development and program administration	100.0
40012 Government managers - education policy development and program administration	0413 Government managers - education policy development and program administration	100.0
40019 Other managers in public administration	0414 Other managers in public administration	100.0
40020 Administrators - post-secondary education and vocational training	0421 Administrators - post-secondary education and vocational training	100.0
40021 School principals and administrators of elementary and secondary education	0422 School principals and administrators of elementary and secondary education	100.0
40030 Managers in social, community and correctional services	0423 Managers in social, community and correctional services	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
40040 Commissioned police officers and related occupations in public protection services	0431 Commissioned police officers	100.0
40041 Fire chiefs and senior firefighting officers	0432 Fire chiefs and senior firefighting officers	100.0
40042 Commissioned officers of the Canadian Armed Forces	0433 Commissioned officers of the Canadian Armed Forces	100.0
41100 Judges	4111 Judges	100.0
41101 Lawyers and Quebec notaries	4112 Lawyers and Quebec notaries	100.0
41200 University professors and lecturers	4011 University professors and lecturers	100.0
41201 Post-secondary teaching and research assistants	4012 Post-secondary teaching and research assistants	100.0
41210 College and other vocational instructors	4021 College and other vocational instructors	100.0
41220 Secondary school teachers	4031 Secondary school teachers	100.0
41221 Elementary school and kindergarten teachers	4032 Elementary school and kindergarten teachers	100.0
41300 Social workers	4152 Social workers	100.0
41301 Therapists in counselling and related specialized therapies	3144 Other professional occupations in therapy and assessment	5.7
	4151 Psychologists	29.1
	4153 Family, marriage and other related counsellors	65.1
41302 Religious leaders	4154 Professional occupations in religion	100.0
41310 Police investigators and other investigative occupations	0431 Commissioned police officers	1.2
	3111 Specialist physicians	0.6
	4165 Health policy researchers, consultants and program officers	7.7
	4311 Police officers (except commissioned)	90.5
41311 Probation and parole officers	4155 Probation and parole officers and related occupations	100.0
41320 Educational counsellors	4033 Educational counsellors	100.0
41321 Career development practitioners and career counsellors (except education)	4153 Family, marriage and other related counsellors	12.4
	4156 Employment counsellors	87.6
41400 Natural and applied science policy researchers, consultants and program officers	4161 Natural and applied science policy researchers, consultants and program officers	100.0
41401 Economists and economic policy researchers and analysts	4162 Economists and economic policy researchers and analysts	100.0
41402 Business development officers and market researchers and analysts	4163 Business development officers and marketing researchers and consultants	100.0
41403 Social policy researchers, consultants and program officers	4164 Social policy researchers, consultants and program officers	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
41404 Health policy researchers, consultants and program officers	4165 Health policy researchers, consultants and program officers	100.0
41405 Education policy researchers, consultants and program officers	4166 Education policy researchers, consultants and program officers	100.0
41406 Recreation, sports and fitness policy researchers, consultants and program officers	4167 Recreation, sports and fitness policy researchers, consultants and program officers	100.0
41407 Program officers unique to government	4168 Program officers unique to government	100.0
41409 Other professional occupations in social science	4169 Other professional occupations in social science, n.e.c.	100.0
42100 Police officers (except commissioned)	4311 Police officers (except commissioned)	99.1
	4313 Non-commissioned ranks of the Canadian Armed Forces	0.9
42101 Firefighters	4312 Firefighters	100.0
42102 Specialized members of the Canadian Armed Forces	4313 Non-commissioned ranks of the Canadian Armed Forces	100.0
42200 Paralegals and related occupations	1227 Court officers and justices of the peace	6.7
	4211 Paralegal and related occupations	93.3
42201 Social and community service workers	4155 Probation and parole officers and related occupations	1.1
	4212 Social and community service workers	98.9
42202 Early childhood educators and assistants	4214 Early childhood educators and assistants	100.0
42203 Instructors of persons with disabilities	4215 Instructors of persons with disabilities	100.0
42204 Religion workers	4217 Other religious occupations	100.0
43100 Elementary and secondary school teacher assistants	4413 Elementary and secondary school teacher assistants	100.0
43109 Other instructors	4216 Other instructors	100.0
43200 Sheriffs and bailiffs	4421 Sheriffs and bailiffs	100.0
43201 Correctional service officers	4422 Correctional service officers	100.0
43202 By-law enforcement and other regulatory officers	4423 By-law enforcement and other regulatory officers, n.e.c.	100.0
43203 Border services, customs, and immigration officers	1228 Employment insurance, immigration, border services and revenue officers	100.0
43204 Operations members of the Canadian Armed Forces	4313 Non-commissioned ranks of the Canadian Armed Forces	100.0
44100 Home child care providers	4411 Home child care providers	100.0
44101 Home support workers, caregivers and related occupations	4412 Home support workers, housekeepers and related occupations	100.0
44200 Primary combat members of the Canadian Armed Forces	4313 Non-commissioned ranks of the Canadian Armed Forces	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
45100 Student monitors, crossing guards and related occupations	4413 Elementary and secondary school teacher assistants	76.1
	6541 Security guards and related security service occupations	23.9
50010 Library, archive, museum and art gallery managers	0511 Library, archive, museum and art gallery managers	100.0
50011 Managers - publishing, motion pictures, broadcasting and performing arts	0512 Managers - publishing, motion pictures, broadcasting and performing arts	100.0
50012 Recreation, sports and fitness program and service directors	0513 Recreation, sports and fitness program and service directors	100.0
51100 Librarians	5111 Librarians	100.0
51101 Conservators and curators	5112 Conservators and curators	100.0
51102 Archivists	5113 Archivists	100.0
51110 Editors	5122 Editors	100.0
51111 Authors and writers (except technical)	5121 Authors and writers	100.0
51112 Technical writers	5121 Authors and writers	100.0
51113 Journalists	5123 Journalists	100.0
51114 Translators, terminologists and interpreters	5125 Translators, terminologists and interpreters	100.0
51120 Producers, directors, choreographers and related occupations	5131 Producers, directors, choreographers and related occupations	100.0
51121 Conductors, composers and arrangers	5132 Conductors, composers and arrangers	100.0
51122 Musicians and singers	5133 Musicians and singers	100.0
52100 Library and public archive technicians	5211 Library and public archive technicians	100.0
52110 Film and video camera operators	5222 Film and video camera operators	100.0
52111 Graphic arts technicians	5223 Graphic arts technicians	100.0
52112 Broadcast technicians	5224 Broadcast technicians	100.0
52113 Audio and video recording technicians	5225 Audio and video recording technicians	100.0
52114 Announcers and other broadcasters	5231 Announcers and other broadcasters	100.0
52119 Other technical and coordinating occupations in motion pictures, broadcasting and the performing arts	5226 Other technical and co-ordinating occupations in motion pictures, broadcasting and the performing arts	100.0
52120 Graphic designers and illustrators	5241 Graphic designers and illustrators	100.0
52121 Interior designers and interior decorators	5242 Interior designers and interior decorators	100.0
53100 Registrars, restorers, interpreters and other occupations related to museum and art galleries	5212 Technical occupations related to museums and art galleries	100.0
53110 Photographers	5221 Photographers	100.0
53111 Motion pictures, broadcasting, photography and performing arts assistants and operators	5227 Support occupations in motion pictures, broadcasting, photography and the performing arts	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
53120 Dancers	5134 Dancers	100.0
53121 Actors, comedians and circus performers	5135 Actors and comedians	84.4
	5232 Other performers, n.e.c.	15.6
53122 Painters, sculptors and other visual artists	5136 Painters, sculptors and other visual artists	100.0
53123 Theatre, fashion, exhibit and other creative designers	5243 Theatre, fashion, exhibit and other creative designers	100.0
53124 Artisans and craftspersons	5244 Artisans and craftspersons	100.0
53125 Patternmakers - textile, leather and fur products	5245 Patternmakers - textile, leather and fur products	100.0
53200 Athletes	5251 Athletes	100.0
53201 Coaches	5252 Coaches	100.0
53202 Sports officials and referees	5253 Sports officials and referees	100.0
54100 Program leaders and instructors in recreation, sport and fitness	5254 Program leaders and instructors in recreation, sport and fitness	100.0
55109 Other performers	5232 Other performers, n.e.c.	100.0
60010 Corporate sales managers	0601 Corporate sales managers	100.0
60020 Retail and wholesale trade managers	0621 Retail and wholesale trade managers	100.0
60030 Restaurant and food service managers	0631 Restaurant and food service managers	100.0
60031 Accommodation service managers	0632 Accommodation service managers	100.0
60040 Managers in customer and personal services	0651 Managers in customer and personal services, n.e.c.	100.0
62010 Retail sales supervisors	5243 Theatre, fashion, exhibit and other creative designers	0.7
	6211 Retail sales supervisors	99.3
62020 Food service supervisors	6311 Food service supervisors	100.0
62021 Executive housekeepers	6312 Executive housekeepers	100.0
62022 Accommodation, travel, tourism and related services supervisors	6313 Accommodation, travel, tourism and related services supervisors	100.0
62023 Customer and information services supervisors	6314 Customer and information services supervisors	100.0
62024 Cleaning supervisors	6315 Cleaning supervisors	100.0
62029 Other services supervisors	6316 Other services supervisors	100.0
62100 Technical sales specialists - wholesale trade	6221 Technical sales specialists - wholesale trade	82.8
	6411 Sales and account representatives - wholesale trade (non-technical)	17.2
62101 Retail and wholesale buyers	6222 Retail and wholesale buyers	100.0
62200 Chefs	6321 Chefs	100.0
62201 Funeral directors and embalmers	6346 Funeral directors and embalmers	100.0
62202 Jewellers, jewellery and watch repairers and related occupations	6344 Jewellers, jewellery and watch repairers and related occupations	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
63100 Insurance agents and brokers	6231 Insurance agents and brokers	100.0
63101 Real estate agents and salespersons	6232 Real estate agents and salespersons	100.0
63102 Financial sales representatives	6235 Financial sales representatives	100.0
63200 Cooks	6322 Cooks	100.0
63201 Butchers - retail and wholesale	6331 Butchers, meat cutters and fishmongers - retail and wholesale	100.0
63202 Bakers	6332 Bakers	100.0
63210 Hairstylists and barbers	6341 Hairstylists and barbers	100.0
63211 Estheticians, electrologists and related occupations	6562 Estheticians, electrologists and related occupations	100.0
63220 Shoe repairers and shoemakers	6343 Shoe repairers and shoemakers	100.0
63221 Upholsterers	6345 Upholsterers	100.0
64100 Retail salespersons and visual merchandisers	5243 Theatre, fashion, exhibit and other creative designers	0.6
	6421 Retail salespersons	99.4
64101 Sales and account representatives - wholesale trade (non-technical)	6411 Sales and account representatives - wholesale trade (non-technical)	100.0
64200 Tailors, dressmakers, furriers and milliners	6342 Tailors, dressmakers, furriers and milliners	100.0
64201 Image, social and other personal consultants	6561 Image, social and other personal consultants	100.0
64300 Maîtres d'hôtel and hosts/hostesses	6511 Maîtres d'hôtel and hosts/hostesses	100.0
64301 Bartenders	6512 Bartenders	100.0
64310 Travel counsellors	6521 Travel counsellors	100.0
64311 Purser and flight attendants	6522 Purser and flight attendants	100.0
64312 Airline ticket and service agents	6523 Airline ticket and service agents	100.0
64313 Ground and water transport ticket agents, cargo service representatives and related clerks	6524 Ground and water transport ticket agents, cargo service representatives and related clerks	100.0
64314 Hotel front desk clerks	6525 Hotel front desk clerks	100.0
64320 Tour and travel guides	6531 Tour and travel guides	100.0
64321 Casino workers	6533 Casino occupations	100.0
64322 Outdoor sport and recreational guides	6532 Outdoor sport and recreational guides	100.0
64400 Customer services representatives - financial institutions	6551 Customer services representatives - financial institutions	100.0
64401 Postal services representatives	1511 Mail, postal and related workers	100.0
64409 Other customer and information services representatives	1123 Professional occupations in advertising, marketing and public relations	2.0
	6552 Other customer and information services representatives	98.0
64410 Security guards and related security service occupations	6541 Security guards and related security service occupations	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
65100 Cashiers	6611 Cashiers	100.0
65101 Service station attendants	6621 Service station attendants	100.0
65102 Store shelf stockers, clerks and order fillers	6622 Store shelf stockers, clerks and order fillers	100.0
65109 Other sales related occupations	6623 Other sales related occupations	100.0
65200 Food and beverage servers	6513 Food and beverage servers	100.0
65201 Food counter attendants, kitchen helpers and related support occupations	6711 Food counter attendants, kitchen helpers and related support occupations	100.0
65202 Meat cutters and fishmongers - retail and wholesale	6331 Butchers, meat cutters and fishmongers - retail and wholesale	100.0
65210 Support occupations in accommodation, travel and facilities set-up services	6721 Support occupations in accommodation, travel and facilities set-up services	100.0
65211 Operators and attendants in amusement, recreation and sport	6316 Other services supervisors	6.6
	6722 Operators and attendants in amusement, recreation and sport	93.4
65220 Pet groomers and animal care workers	6563 Pet groomers and animal care workers	100.0
65229 Other support occupations in personal services	6564 Other personal service occupations	100.0
65310 Light duty cleaners	4412 Home support workers, housekeepers and related occupations	5.4
	6731 Light duty cleaners	94.6
65311 Specialized cleaners	6732 Specialized cleaners	100.0
65312 Janitors, caretakers and heavy-duty cleaners	6733 Janitors, caretakers and building superintendents	100.0
65320 Dry cleaning, laundry and related occupations	6741 Dry cleaning, laundry and related occupations	100.0
65329 Other service support occupations	6541 Security guards and related security service occupations	19.8
	6742 Other service support occupations, n.e.c.	80.2
70010 Construction managers	0711 Construction managers	100.0
70011 Home building and renovation managers	0712 Home building and renovation managers	100.0
70012 Facility operation and maintenance managers	0714 Facility operation and maintenance managers	98.7
	6221 Technical sales specialists - wholesale trade	1.3
70020 Managers in transportation	0731 Managers in transportation	100.0
70021 Postal and courier services managers	0132 Postal and courier services managers	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
72010 Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	7201 Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	100.0
72011 Contractors and supervisors, electrical trades and telecommunications occupations	7202 Contractors and supervisors, electrical trades and telecommunications occupations	100.0
72012 Contractors and supervisors, pipefitting trades	7203 Contractors and supervisors, pipefitting trades	100.0
72013 Contractors and supervisors, carpentry trades	7204 Contractors and supervisors, carpentry trades	100.0
72014 Contractors and supervisors, other construction trades, installers, repairers and servicers	7205 Contractors and supervisors, other construction trades, installers, repairers and servicers	100.0
72020 Contractors and supervisors, mechanic trades	7301 Contractors and supervisors, mechanic trades	100.0
72021 Contractors and supervisors, heavy equipment operator crews	7302 Contractors and supervisors, heavy equipment operator crews	100.0
72022 Supervisors, printing and related occupations	7303 Supervisors, printing and related occupations	100.0
72023 Supervisors, railway transport operations	7304 Supervisors, railway transport operations	100.0
72024 Supervisors, motor transport and other ground transit operators	7305 Supervisors, motor transport and other ground transit operators	100.0
72025 Supervisors, mail and message distribution occupations	1214 Supervisors, mail and message distribution occupations	100.0
72100 Machinists and machining and tooling inspectors	7231 Machinists and machining and tooling inspectors	100.0
72101 Tool and die makers	7232 Tool and die makers	100.0
72102 Sheet metal workers	7233 Sheet metal workers	100.0
72103 Boilermakers	7234 Boilermakers	100.0
72104 Structural metal and platework fabricators and fitters	7235 Structural metal and platework fabricators and fitters	100.0
72105 Ironworkers	7236 Ironworkers	100.0
72106 Welders and related machine operators	7237 Welders and related machine operators	100.0
72200 Electricians (except industrial and power system)	7241 Electricians (except industrial and power system)	100.0
72201 Industrial electricians	7242 Industrial electricians	100.0
72202 Power system electricians	7243 Power system electricians	100.0
72203 Electrical power line and cable workers	7244 Electrical power line and cable workers	100.0
72204 Telecommunications line and cable installers and repairers	7245 Telecommunications line and cable workers	95.0
	7247 Cable television service and maintenance technicians	5.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
72205 Telecommunications equipment installation and cable television service technicians	7246 Telecommunications installation and repair workers	96.4
	7247 Cable television service and maintenance technicians	3.6
72300 Plumbers	7251 Plumbers	100.0
72301 Steamfitters, pipefitters and sprinkler system installers	7252 Steamfitters, pipefitters and sprinkler system installers	100.0
72302 Gas fitters	7253 Gas fitters	100.0
72310 Carpenters	7271 Carpenters	100.0
72311 Cabinetmakers	7272 Cabinetmakers	100.0
72320 Bricklayers	7281 Bricklayers	100.0
72321 Insulators	7293 Insulators	100.0
72400 Construction millwrights and industrial mechanics	7311 Construction millwrights and industrial mechanics	100.0
72401 Heavy-duty equipment mechanics	7312 Heavy-duty equipment mechanics	100.0
72402 Heating, refrigeration and air conditioning mechanics	7313 Heating, refrigeration and air conditioning mechanics	100.0
72403 Railway carmen/women	7314 Railway carmen/women	100.0
72404 Aircraft mechanics and aircraft inspectors	7315 Aircraft mechanics and aircraft inspectors	100.0
72405 Machine fitters	7316 Machine fitters	100.0
72406 Elevator constructors and mechanics	7318 Elevator constructors and mechanics	100.0
72410 Automotive service technicians, truck and bus mechanics and mechanical repairers	7321 Automotive service technicians, truck and bus mechanics and mechanical repairers	100.0
72411 Auto body collision, refinishing and glass technicians and damage repair estimators	7322 Motor vehicle body repairers	100.0
72420 Oil and solid fuel heating mechanics	7331 Oil and solid fuel heating mechanics	100.0
72421 Appliance servicers and repairers	7332 Appliance servicers and repairers	100.0
72422 Electrical mechanics	7333 Electrical mechanics	100.0
72423 Motorcycle, all-terrain vehicle and other related mechanics	7334 Motorcycle, all-terrain vehicle and other related mechanics	66.2
	7384 Other trades and related occupations, n.e.c.	33.8
72429 Other small engine and small equipment repairers	7335 Other small engine and small equipment repairers	100.0
72500 Crane operators	7371 Crane operators	100.0
72501 Water well drillers	7373 Water well drillers	100.0
72600 Air pilots, flight engineers and flying instructors	2271 Air pilots, flight engineers and flying instructors	98.8
	8252 Agricultural service contractors, farm supervisors and specialized livestock workers	1.2

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
72601 Air traffic controllers and related occupations	2272 Air traffic controllers and related occupations	100.0
72602 Deck officers, water transport	2273 Deck officers, water transport	100.0
72603 Engineer officers, water transport	2274 Engineer officers, water transport	100.0
72604 Railway traffic controllers and marine traffic regulators	2275 Railway traffic controllers and marine traffic regulators	100.0
72999 Other technical trades and related occupations	7384 Other trades and related occupations, n.e.c.	100.0
73100 Concrete finishers	7282 Concrete finishers	100.0
73101 Tilesetters	7283 Tilesetters	100.0
73102 Plasterers, drywall installers and finishers and lathers	7284 Plasterers, drywall installers and finishers and lathers	100.0
73110 Roofers and shinglers	7291 Roofers and shinglers	100.0
73111 Glaziers	7292 Glaziers	100.0
73112 Painters and decorators (except interior decorators)	7294 Painters and decorators (except interior decorators)	100.0
73113 Floor covering installers	7295 Floor covering installers	100.0
73200 Residential and commercial installers and servicers	7441 Residential and commercial installers and servicers	100.0
73201 General building maintenance workers and building superintendents	6733 Janitors, caretakers and building superintendents	100.0
73202 Pest controllers and fumigators	7444 Pest controllers and fumigators	100.0
73209 Other repairers and servicers	7445 Other repairers and servicers	100.0
73300 Transport truck drivers	7511 Transport truck drivers	100.0
73301 Bus drivers, subway operators and other transit operators	7512 Bus drivers, subway operators and other transit operators	100.0
73310 Railway and yard locomotive engineers	7361 Railway and yard locomotive engineers	100.0
73311 Railway conductors and brakemen/women	7362 Railway conductors and brakemen/women	100.0
73400 Heavy equipment operators	7521 Heavy equipment operators (except crane)	100.0
73401 Printing press operators	7381 Printing press operators	100.0
73402 Drillers and blasters - surface mining, quarrying and construction	7372 Drillers and blasters - surface mining, quarrying and construction	100.0
74100 Mail and parcel sorters and related occupations	1511 Mail, postal and related workers	100.0
74101 Letter carriers	1512 Letter carriers	100.0
74102 Couriers and messengers	1513 Couriers, messengers and door-to-door distributors	51.3
	7514 Delivery and courier service drivers	48.7
74200 Railway yard and track maintenance workers	7531 Railway yard and track maintenance workers	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
74201 Water transport deck and engine room crew	7532 Water transport deck and engine room crew	100.0
74202 Air transport ramp attendants	1215 Supervisors, supply chain, tracking and scheduling co-ordination occupations	10.3
	7534 Air transport ramp attendants	89.7
74203 Automotive and heavy truck and equipment parts installers and servicers	7535 Other automotive mechanical installers and servicers	100.0
74204 Utility maintenance workers	7442 Waterworks and gas maintenance workers	72.4
	7522 Public works maintenance equipment operators and related workers	27.6
74205 Public works maintenance equipment operators and related workers	7522 Public works maintenance equipment operators and related workers	100.0
75100 Longshore workers	7451 Longshore workers	100.0
75101 Material handlers	6221 Technical sales specialists - wholesale trade	6.4
	7452 Material handlers	93.6
75110 Construction trades helpers and labourers	7371 Crane operators	0.4
	7611 Construction trades helpers and labourers	99.6
75119 Other trades helpers and labourers	7612 Other trades helpers and labourers	100.0
75200 Taxi and limousine drivers and chauffeurs	7513 Taxi and limousine drivers and chauffeurs	100.0
75201 Delivery service drivers and door-to-door distributors	1513 Couriers, messengers and door-to-door distributors	11.4
	7514 Delivery and courier service drivers	88.6
75210 Boat and cable ferry operators and related occupations	7533 Boat and cable ferry operators and related occupations	100.0
75211 Railway and motor transport labourers	7622 Railway and motor transport labourers	100.0
75212 Public works and maintenance labourers	7621 Public works and maintenance labourers	100.0
80010 Managers in natural resources production and fishing	0811 Managers in natural resources production and fishing	100.0
80020 Managers in agriculture	0821 Managers in agriculture	100.0
80021 Managers in horticulture	0822 Managers in horticulture	100.0
80022 Managers in aquaculture	0823 Managers in aquaculture	100.0
82010 Supervisors, logging and forestry	8211 Supervisors, logging and forestry	100.0
82020 Supervisors, mining and quarrying	8221 Supervisors, mining and quarrying	100.0
82021 Contractors and supervisors, oil and gas drilling and services	8222 Contractors and supervisors, oil and gas drilling and services	100.0
82030 Agricultural service contractors and farm supervisors	8252 Agricultural service contractors, farm supervisors and specialized livestock workers	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
82031 Contractors and supervisors, landscaping, grounds maintenance and horticulture services	8255 Contractors and supervisors, landscaping, grounds maintenance and horticulture services	100.0
83100 Underground production and development miners	8231 Underground production and development miners	100.0
83101 Oil and gas well drillers, servicers, testers and related workers	8232 Oil and gas well drillers, servicers, testers and related workers	100.0
83110 Logging machinery operators	8241 Logging machinery operators	100.0
83120 Fishing masters and officers	8261 Fishing masters and officers	100.0
83121 Fishermen/women	8262 Fishermen/women	100.0
84100 Underground mine service and support workers	8411 Underground mine service and support workers	100.0
84101 Oil and gas well drilling and related workers and services operators	8412 Oil and gas well drilling and related workers and services operators	100.0
84110 Chain saw and skidder operators	8421 Chain saw and skidder operators	100.0
84111 Silviculture and forestry workers	8422 Silviculture and forestry workers	100.0
84120 Specialized livestock workers and farm machinery operators	8252 Agricultural service contractors, farm supervisors and specialized livestock workers	13.6
	8431 General farm workers	86.4
84121 Fishing vessel deckhands	8441 Fishing vessel deckhands	100.0
85100 Livestock labourers	8252 Agricultural service contractors, farm supervisors and specialized livestock workers	2.0
	8431 General farm workers	98.0
85101 Harvesting labourers	8431 General farm workers	69.0
	8611 Harvesting labourers	31.0
85102 Aquaculture and marine harvest labourers	8613 Aquaculture and marine harvest labourers	100.0
85103 Nursery and greenhouse labourers	8432 Nursery and greenhouse workers	100.0
85104 Trappers and hunters	8442 Trappers and hunters	100.0
85110 Mine labourers	8614 Mine labourers	100.0
85111 Oil and gas drilling, servicing and related labourers	8615 Oil and gas drilling, servicing and related labourers	100.0
85120 Logging and forestry labourers	8616 Logging and forestry labourers	100.0
85121 Landscaping and grounds maintenance labourers	8612 Landscaping and grounds maintenance labourers	100.0
90010 Manufacturing managers	0911 Manufacturing managers	100.0
90011 Utilities managers	0912 Utilities managers	100.0
92010 Supervisors, mineral and metal processing	9211 Supervisors, mineral and metal processing	100.0
92011 Supervisors, petroleum, gas and chemical processing and utilities	9212 Supervisors, petroleum, gas and chemical processing and utilities	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
92012 Supervisors, food and beverage processing	9213 Supervisors, food and beverage processing	100.0
92013 Supervisors, plastic and rubber products manufacturing	9214 Supervisors, plastic and rubber products manufacturing	100.0
92014 Supervisors, forest products processing	9215 Supervisors, forest products processing	100.0
92015 Supervisors, textile, fabric, fur and leather products processing and manufacturing	9217 Supervisors, textile, fabric, fur and leather products processing and manufacturing	100.0
92020 Supervisors, motor vehicle assembling	9221 Supervisors, motor vehicle assembling	100.0
92021 Supervisors, electronics and electrical products manufacturing	9222 Supervisors, electronics manufacturing	74.1
	9223 Supervisors, electrical products manufacturing	25.9
92022 Supervisors, furniture and fixtures manufacturing	9224 Supervisors, furniture and fixtures manufacturing	100.0
92023 Supervisors, other mechanical and metal products manufacturing	9226 Supervisors, other mechanical and metal products manufacturing	100.0
92024 Supervisors, other products manufacturing and assembly	9227 Supervisors, other products manufacturing and assembly	100.0
92100 Power engineers and power systems operators	9241 Power engineers and power systems operators	100.0
92101 Water and waste treatment plant operators	9243 Water and waste treatment plant operators	100.0
93100 Central control and process operators, mineral and metal processing	9231 Central control and process operators, mineral and metal processing	100.0
93101 Central control and process operators, petroleum, gas and chemical processing	9232 Central control and process operators, petroleum, gas and chemical processing	100.0
93102 Pulping, papermaking and coating control operators	9235 Pulping, papermaking and coating control operators	100.0
93200 Aircraft assemblers and aircraft assembly inspectors	9521 Aircraft assemblers and aircraft assembly inspectors	100.0
94100 Machine operators, mineral and metal processing	9411 Machine operators, mineral and metal processing	100.0
94101 Foundry workers	9412 Foundry workers	100.0
94102 Glass forming and finishing machine operators and glass cutters	9413 Glass forming and finishing machine operators and glass cutters	100.0
94103 Concrete, clay and stone forming operators	9414 Concrete, clay and stone forming operators	100.0
94104 Inspectors and testers, mineral and metal processing	9415 Inspectors and testers, mineral and metal processing	100.0
94105 Metalworking and forging machine operators	9416 Metalworking and forging machine operators	100.0
94106 Machining tool operators	9417 Machining tool operators	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
94107 Machine operators of other metal products	9418 Other metal products machine operators	100.0
94110 Chemical plant machine operators	9421 Chemical plant machine operators	100.0
94111 Plastics processing machine operators	9422 Plastics processing machine operators	100.0
94112 Rubber processing machine operators and related workers	9423 Rubber processing machine operators and related workers	100.0
94120 Sawmill machine operators	9431 Sawmill machine operators	100.0
94121 Pulp mill, papermaking and finishing machine operators	9432 Pulp mill machine operators	45.7
	9433 Papermaking and finishing machine operators	54.3
94122 Paper converting machine operators	9435 Paper converting machine operators	100.0
94123 Lumber graders and other wood processing inspectors and graders	9436 Lumber graders and other wood processing inspectors and graders	100.0
94124 Woodworking machine operators	9437 Woodworking machine operators	100.0
94129 Other wood processing machine operators	9434 Other wood processing machine operators	100.0
94130 Textile fibre and yarn, hide and pelt processing machine operators and workers	9441 Textile fibre and yarn, hide and pelt processing machine operators and workers	91.9
	9616 Labourers in textile processing	8.1
94131 Weavers, knitters and other fabric making occupations	9442 Weavers, knitters and other fabric making occupations	100.0
94132 Industrial sewing machine operators	9446 Industrial sewing machine operators	100.0
94133 Inspectors and graders, textile, fabric, fur and leather products manufacturing	9447 Inspectors and graders, textile, fabric, fur and leather products manufacturing	100.0
94140 Process control and machine operators, food and beverage processing	9461 Process control and machine operators, food and beverage processing	100.0
94141 Industrial butchers and meat cutters, poultry preparers and related workers	9462 Industrial butchers and meat cutters, poultry preparers and related workers	100.0
94142 Fish and seafood plant workers	9463 Fish and seafood plant workers	82.8
	9618 Labourers in fish and seafood processing	17.2
94143 Testers and graders, food and beverage processing	9465 Testers and graders, food and beverage processing	100.0
94150 Plateless printing equipment operators	9471 Plateless printing equipment operators	100.0
94151 Camera, platemaking and other prepress occupations	9472 Camera, platemaking and other prepress occupations	100.0
94152 Binding and finishing machine operators	9473 Binding and finishing machine operators	100.0
94153 Photographic and film processors	9474 Photographic and film processors	100.0
94200 Motor vehicle assemblers, inspectors and testers	9522 Motor vehicle assemblers, inspectors and testers	100.0
94201 Electronics assemblers, fabricators, inspectors and testers	9523 Electronics assemblers, fabricators, inspectors and testers	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 3
National Occupational Classification (NOC) 2021 unit groups and NOC 2016 unit groups

NOC 2021 unit group	NOC 2016 unit group	Share of NOC 2021 unit group (%)
94202 Assemblers and inspectors, electrical appliance, apparatus and equipment manufacturing	9524 Assemblers and inspectors, electrical appliance, apparatus and equipment manufacturing	100.0
94203 Assemblers, fabricators and inspectors, industrial electrical motors and transformers	9525 Assemblers, fabricators and inspectors, industrial electrical motors and transformers	100.0
94204 Mechanical assemblers and inspectors	9526 Mechanical assemblers and inspectors	100.0
94205 Machine operators and inspectors, electrical apparatus manufacturing	9527 Machine operators and inspectors, electrical apparatus manufacturing	100.0
94210 Furniture and fixture assemblers, finishers, refinishers and inspectors	9532 Furniture and fixture assemblers and inspectors	65.5
	9534 Furniture finishers and refinishers	34.5
94211 Assemblers and inspectors of other wood products	9533 Other wood products assemblers and inspectors	100.0
94212 Plastic products assemblers, finishers and inspectors	9535 Plastic products assemblers, finishers and inspectors	100.0
94213 Industrial painters, coaters and metal finishing process operators	9536 Industrial painters, coaters and metal finishing process operators	100.0
94219 Other products assemblers, finishers and inspectors	9531 Boat assemblers and inspectors	8.8
	9537 Other products assemblers, finishers and inspectors	91.2
95100 Labourers in mineral and metal processing	9611 Labourers in mineral and metal processing	100.0
95101 Labourers in metal fabrication	9612 Labourers in metal fabrication	100.0
95102 Labourers in chemical products processing and utilities	9421 Chemical plant machine operators	25.4
	9613 Labourers in chemical products processing and utilities	74.6
95103 Labourers in wood, pulp and paper processing	9614 Labourers in wood, pulp and paper processing	100.0
95104 Labourers in rubber and plastic products manufacturing	9615 Labourers in rubber and plastic products manufacturing	100.0
95105 Labourers in textile processing and cutting	9441 Textile fibre and yarn, hide and pelt processing machine operators and workers	15.6
	9445 Fabric, fur and leather cutters	28.4
	9616 Labourers in textile processing	56.0
95106 Labourers in food and beverage processing	9617 Labourers in food and beverage processing	100.0
95107 Labourers in fish and seafood processing	9618 Labourers in fish and seafood processing	100.0
95109 Other labourers in processing, manufacturing and utilities	9619 Other labourers in processing, manufacturing and utilities	100.0

n.e.c. = not elsewhere classified

Source: Statistics Canada, Census of Population, 2021.

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

National Occupational Classification 2016–National Occupational Classification 2021 concordance tables

Table 4

National Occupational Classification (NOC) 2016 broad categories and NOC 2021 broad categories

NOC 2016 broad occupation category	NOC 2021 broad occupation category	Share of NOC 2016 broad category (%)
0 Management occupations	0 Legislative and senior management occupations	11.4
	1 Business, finance and administration occupations	19.4
	2 Natural and applied sciences and related occupations	5.8
	7 Trades, transport and equipment operators and related occupations	12.3
	3 Health occupations	1.7
	4 Occupations in education, law and social, community and government services	5.9
	5 Occupations in art, culture, recreation and sport	1.2
	6 Sales and service occupations	30.4
	8 Natural resources, agriculture and related production occupations	8.2
1 Business, finance and administration occupations	9 Occupations in manufacturing and utilities	3.7
	1 Business, finance and administration occupations	95.9
	6 Sales and service occupations	0.4
	7 Trades, transport and equipment operators and related occupations	3.2
	4 Occupations in education, law and social, community and government services	0.4
2 Natural and applied sciences and related occupations	2 Natural and applied sciences and related occupations	97.9
	7 Trades, transport and equipment operators and related occupations	2.1
3 Health occupations	3 Health occupations	99.9
	4 Occupations in education, law and social, community and government services	0.1
4 Occupations in education, law and social, community and government services	4 Occupations in education, law and social, community and government services	96.2
	3 Health occupations	0.9
	1 Business, finance and administration occupations	1.9
	2 Natural and applied sciences and related occupations	0.4
	6 Sales and service occupations	0.7
5 Occupations in art, culture, recreation and sport	5 Occupations in art, culture, recreation and sport	99.3
	6 Sales and service occupations	0.7

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 4

National Occupational Classification (NOC) 2016 broad categories and NOC 2021 broad categories

NOC 2016 broad occupation category	NOC 2021 broad occupation category	Share of NOC 2016 broad category (%)
6 Sales and service occupations	6 Sales and service occupations	97.0
	7 Trades, transport and equipment operators and related occupations	2.8
	4 Occupations in education, law and social, community and government services	0.2
7 Trades, transport and equipment operators and related occupations	7 Trades, transport and equipment operators and related occupations	99.9
	2 Natural and applied sciences and related occupations	0.1
8 Natural resources, agriculture and related production occupations	8 Natural resources, agriculture and related production occupations	99.9
	7 Trades, transport and equipment operators and related occupations	0.1
9 Occupations in manufacturing and utilities	9 Occupations in manufacturing and utilities	100.0

Source: Statistics Canada, Census of Population, 2021.

Table 5

National Occupational Classification (NOC) 2016 major groups and NOC 2021 major groups

NOC 2016 major group	NOC 2021 major group	Share of NOC 2016 major group (%)
00 Senior management occupations	00 Legislative and senior managers	100.0
01-05 Specialized middle management occupations	10 Specialized middle management occupations in administrative services, financial and business services and communication (except broadcasting)	55.0
	11 Professional occupations in finance and business	1.4
	13 Administrative occupations and transportation logistics occupations	0.6
	22 Technical occupations related to natural and applied sciences	0.2
	70 Middle management occupations in trades and transportation	0.5
	20 Specialized middle management occupations in engineering, architecture, science and information systems	16.7
	30 Specialized middle management occupations in health care	4.9
	40 Managers in public administration, in education and social and community services and in public protection services	17.3
	41 Professional occupations in law, education, social, community and government services	0.0
	50 Specialized middle management occupations in art, culture, recreation and sport	3.5

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 5
National Occupational Classification (NOC) 2016 major groups and NOC 2021 major groups

NOC 2016 major group	NOC 2021 major group	Share of NOC 2016 major group (%)	
06 Middle management occupations in retail and wholesale trade and customer services	60 Middle management occupations in retail and wholesale trade and customer services	100.0	
07-09 Middle management occupations in trades, transportation, production and utilities	70 Middle management occupations in trades and transportation	50.4	
	80 Middle management occupations in production and agriculture	34.1	
	90 Middle management occupations in manufacturing and utilities	15.5	
11 Professional occupations in business and finance	11 Professional occupations in finance and business	98.1	
	10 Specialized middle management occupations in administrative services, financial and business services and communication (except broadcasting)	1.2	
	64 Sales and service representatives and other customer and personal services occupations	0.7	
12 Administrative and financial supervisors and administrative occupations	12 Administrative and financial supervisors and specialized administrative occupations	28.0	
	72 Technical trades and transportation officers and controllers	0.8	
	13 Administrative occupations and transportation logistics occupations	69.4	
	74 Mail and message distribution, other transport equipment operators and related maintenance workers	0.1	
	10 Specialized middle management occupations in administrative services, financial and business services and communication (except broadcasting)	0.2	
	14 Administrative and financial support and supply chain logistics occupations	0.3	
	42 Front-line public protection services and paraprofessional occupations in legal, social, community, education services	0.2	
	43 Assisting occupations in education and in legal and public protection	1.0	
	13 Finance, insurance and related business administrative occupations	12 Administrative and financial supervisors and specialized administrative occupations	97.8
		13 Administrative occupations and transportation logistics occupations	2.2
14 Office support occupations	14 Administrative and financial support and supply chain logistics occupations	94.4	
	13 Administrative occupations and transportation logistics occupations	5.6	

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 5
National Occupational Classification (NOC) 2016 major groups and NOC 2021 major groups

NOC 2016 major group	NOC 2021 major group	Share of NOC 2016 major group (%)
15 Distribution, tracking and scheduling co-ordination occupations	64 Sales and service representatives and other customer and personal services occupations	2.1
	74 Mail and message distribution, other transport equipment operators and related maintenance workers	20.8
	75 Helpers and labourers and other transport drivers, operators and labourers	3.4
	14 Administrative and financial support and supply chain logistics occupations	68.3
	13 Administrative occupations and transportation logistics occupations	5.4
21 Professional occupations in natural and applied sciences	21 Professional occupations in natural and applied sciences	100.0
22 Technical occupations related to natural and applied sciences	22 Technical occupations related to natural and applied sciences	91.3
	21 Professional occupations in natural and applied sciences	3.5
	72 Technical trades and transportation officers and controllers	5.3
30 Professional occupations in nursing	31 Professional occupations in health	100.0
31 Professional occupations in health (except nursing)	31 Professional occupations in health	98.4
	41 Professional occupations in law, education, social, community and government services	0.7
	32 Technical occupations in health	0.9
	32 Technical occupations in health	86.2
32 Technical occupations in health	31 Professional occupations in health	0.1
	33 Assisting occupations in support of health services	13.6
	33 Assisting occupations in support of health services	99.1
34 Assisting occupations in support of health services	32 Technical occupations in health	0.9
	41 Professional occupations in law, education, social, community and government services	100.0
40 Professional occupations in education services	41 Professional occupations in law, education, social, community and government services	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 5
National Occupational Classification (NOC) 2016 major groups and NOC 2021 major groups

NOC 2016 major group	NOC 2021 major group	Share of NOC 2016 major group (%)
41 Professional occupations in law and social, community and government services	41 Professional occupations in law, education, social, community and government services	86.5
	31 Professional occupations in health	3.6
	42 Front-line public protection services and paraprofessional occupations in legal, social, community, education services	0.4
	11 Professional occupations in finance and business	8.0
	21 Professional occupations in natural and applied sciences	1.5
42 Paraprofessional occupations in legal, social, community and education services	42 Front-line public protection services and paraprofessional occupations in legal, social, community, education services	92.1
	43 Assisting occupations in education and in legal and public protection	7.9
43 Occupations in front-line public protection services	41 Professional occupations in law, education, social, community and government services	2.1
	42 Front-line public protection services and paraprofessional occupations in legal, social, community, education services	69.1
	43 Assisting occupations in education and in legal and public protection	22.6
	44 Care providers and legal and public protection support occupations	6.3
44 Care providers and educational, legal and public protection support occupations	44 Care providers and legal and public protection support occupations	39.4
	65 Sales and service support occupations	5.1
	43 Assisting occupations in education and in legal and public protection	47.4
	45 Student monitors, crossing guards and related occupations	8.1
51 Professional occupations in art and culture	51 Professional occupations in art and culture	78.1
	53 Occupations in art, culture and sport	21.9

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 5
National Occupational Classification (NOC) 2016 major groups and NOC 2021 major groups

NOC 2016 major group	NOC 2021 major group	Share of NOC 2016 major group (%)
52 Technical occupations in art, culture, recreation and sport	52 Technical occupations in art, culture and sport	47.9
	53 Occupations in art, culture and sport	23.5
	55 Support occupations in art and culture	1.2
	62 Retail sales and service supervisors and specialized occupations in sales and services	0.1
	64 Sales and service representatives and other customer and personal services occupations	0.9
	54 Support occupations in sport	26.4
62 Retail sales supervisors and specialized sales occupations	62 Retail sales and service supervisors and specialized occupations in sales and services	34.0
	70 Middle management occupations in trades and transportation	0.2
	75 Helpers and labourers and other transport drivers, operators and labourers	3.7
	63 Occupations in sales and services	62.1
63 Service supervisors and specialized service occupations	62 Retail sales and service supervisors and specialized occupations in sales and services	32.7
	65 Sales and service support occupations	1.6
	63 Occupations in sales and services	62.3
	64 Sales and service representatives and other customer and personal services occupations	3.3
64 Sales representatives and salespersons - wholesale and retail trade	62 Retail sales and service supervisors and specialized occupations in sales and services	1.2
	64 Sales and service representatives and other customer and personal services occupations	98.8
65 Service representatives and other customer and personal services occupations	64 Sales and service representatives and other customer and personal services occupations	69.0
	65 Sales and service support occupations	21.8
	45 Student monitors, crossing guards and related occupations	1.0
	63 Occupations in sales and services	8.2
66 Sales support occupations	65 Sales and service support occupations	100.0
67 Service support and other service occupations, n.e.c.	65 Sales and service support occupations	90.0
	73 General trades	10.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 5
National Occupational Classification (NOC) 2016 major groups and NOC 2021 major groups

NOC 2016 major group	NOC 2021 major group	Share of NOC 2016 major group (%)
72 Industrial, electrical and construction trades	72 Technical trades and transportation officers and controllers	84.2
	73 General trades	15.8
73 Maintenance and equipment operation trades	72 Technical trades and transportation officers and controllers	94.0
	73 General trades	5.8
	75 Helpers and labourers and other transport drivers, operators and labourers	0.2
74 Other installers, repairers and servicers and material handlers	73 General trades	23.3
	74 Mail and message distribution, other transport equipment operators and related maintenance workers	1.4
	22 Technical occupations related to natural and applied sciences	0.8
	75 Helpers and labourers and other transport drivers, operators and labourers	74.5
75 Transport and heavy equipment operation and related maintenance occupations	73 General trades	71.1
	75 Helpers and labourers and other transport drivers, operators and labourers	20.3
	74 Mail and message distribution, other transport equipment operators and related maintenance workers	8.6
76 Trades helpers, construction labourers and related occupations	75 Helpers and labourers and other transport drivers, operators and labourers	100.0
82 Supervisors and technical occupations in natural resources, agriculture and related production	82 Supervisors in natural resources, agriculture and related production	50.2
	83 Occupations in natural resources and related production	42.2
	72 Technical trades and transportation officers and controllers	0.2
	84 Workers in natural resources, agriculture and related production	6.8
	85 Harvesting, landscaping and natural resources labourers	0.7
84 Workers in natural resources, agriculture and related production	84 Workers in natural resources, agriculture and related production	55.6
	85 Harvesting, landscaping and natural resources labourers	44.4
86 Harvesting, landscaping and natural resources labourers	85 Harvesting, landscaping and natural resources labourers	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

**Table 5
National Occupational Classification (NOC) 2016 major groups and NOC 2021 major groups**

NOC 2016 major group	NOC 2021 major group	Share of NOC 2016 major group (%)
92 Processing, manufacturing and utilities supervisors and central control operators	92 Processing, manufacturing and utilities supervisors and utilities operators and controllers	81.0
	93 Central control and process operators and aircraft assembly assemblers and inspectors	19.0
94 Processing and manufacturing machine operators and related production workers	94 Machine operators, assemblers and inspectors in processing, manufacturing and printing	96.3
	95 Labourers in processing, manufacturing and utilities	3.7
95 Assemblers in manufacturing	93 Central control and process operators and aircraft assembly assemblers and inspectors	3.1
	94 Machine operators, assemblers and inspectors in processing, manufacturing and printing	96.9
96 Labourers in processing, manufacturing and utilities	95 Labourers in processing, manufacturing and utilities	99.4
	94 Machine operators, assemblers and inspectors in processing, manufacturing and printing	0.6

n.e.c. = not elsewhere classified

Source: Statistics Canada, Census of Population, 2021.

**Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups**

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
0011 Legislators	00010 Legislators	100.0
0012 Senior government managers and officials	00011 Senior government managers and officials	100.0
0013 Senior managers - financial, communications and other business services	00012 Senior managers - financial, communications and other business services	100.0
0014 Senior managers - health, education, social and community services and membership organizations	00013 Senior managers - health, education, social and community services and membership organizations	100.0
0015 Senior managers - trade, broadcasting and other services, n.e.c.	00014 Senior managers - trade, broadcasting and other services	100.0
0016 Senior managers - construction, transportation, production and utilities	00015 Senior managers - construction, transportation, production and utilities	100.0
0111 Financial managers	10010 Financial managers	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
0112 Human resources managers	10011 Human resources managers	75.6
	11200 Human resources professionals	15.7
	13110 Administrative assistants	6.6
	22232 Occupational health and safety specialists	2.0
0113 Purchasing managers	10012 Purchasing managers	100.0
0114 Other administrative services managers	10019 Other administrative services managers	100.0
0121 Insurance, real estate and financial brokerage managers	10020 Insurance, real estate and financial brokerage managers	100.0
0122 Banking, credit and other investment managers	10021 Banking, credit and other investment managers	100.0
0124 Advertising, marketing and public relations managers	10022 Advertising, marketing and public relations managers	100.0
0125 Other business services managers	10029 Other business services managers	100.0
0131 Telecommunication carriers managers	10030 Telecommunication carriers managers	100.0
0132 Postal and courier services managers	70021 Postal and courier services managers	100.0
0211 Engineering managers	20010 Engineering managers	100.0
0212 Architecture and science managers	20011 Architecture and science managers	100.0
0213 Computer and information systems managers	20012 Computer and information systems managers	100.0
0311 Managers in health care	30010 Managers in health care	100.0
0411 Government managers - health and social policy development and program administration	40010 Government managers - health and social policy development and program administration	100.0
0412 Government managers - economic analysis, policy development and program administration	40011 Government managers - economic analysis, policy development and program administration	100.0
0413 Government managers - education policy development and program administration	40012 Government managers - education policy development and program administration	100.0
0414 Other managers in public administration	40019 Other managers in public administration	100.0
0421 Administrators - post-secondary education and vocational training	40020 Administrators - post-secondary education and vocational training	100.0
0422 School principals and administrators of elementary and secondary education	40021 School principals and administrators of elementary and secondary education	100.0
0423 Managers in social, community and correctional services	40030 Managers in social, community and correctional services	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
0431 Commissioned police officers	40040 Commissioned police officers and related occupations in public protection services	98.1
	41310 Police investigators and other investigative occupations	1.9
0432 Fire chiefs and senior firefighting officers	40041 Fire chiefs and senior firefighting officers	100.0
0433 Commissioned officers of the Canadian Armed Forces	10012 Purchasing managers	4.7
	40042 Commissioned officers of the Canadian Armed Forces	95.3
0511 Library, archive, museum and art gallery managers	50010 Library, archive, museum and art gallery managers	100.0
0512 Managers - publishing, motion pictures, broadcasting and performing arts	50011 Managers - publishing, motion pictures, broadcasting and performing arts	100.0
0513 Recreation, sports and fitness program and service directors	50012 Recreation, sports and fitness program and service directors	100.0
0601 Corporate sales managers	60010 Corporate sales managers	100.0
0621 Retail and wholesale trade managers	60020 Retail and wholesale trade managers	100.0
0631 Restaurant and food service managers	60030 Restaurant and food service managers	100.0
0632 Accommodation service managers	60031 Accommodation service managers	100.0
0651 Managers in customer and personal services, n.e.c.	60040 Managers in customer and personal services	100.0
0711 Construction managers	70010 Construction managers	100.0
0712 Home building and renovation managers	70011 Home building and renovation managers	100.0
0714 Facility operation and maintenance managers	70012 Facility operation and maintenance managers	100.0
0731 Managers in transportation	70020 Managers in transportation	100.0
0811 Managers in natural resources production and fishing	80010 Managers in natural resources production and fishing	100.0
0821 Managers in agriculture	80020 Managers in agriculture	100.0
0822 Managers in horticulture	80021 Managers in horticulture	100.0
0823 Managers in aquaculture	80022 Managers in aquaculture	100.0
0911 Manufacturing managers	90010 Manufacturing managers	100.0
0912 Utilities managers	90011 Utilities managers	100.0
1111 Financial auditors and accountants	11100 Financial auditors and accountants	100.0
1112 Financial and investment analysts	11101 Financial and investment analysts	100.0
1113 Securities agents, investment dealers and brokers	11103 Securities agents, investment dealers and brokers	100.0
1114 Other financial officers	11100 Financial auditors and accountants	5.6
	11102 Financial advisors	72.0
	11109 Other financial officers	22.4
1121 Human resources professionals	11200 Human resources professionals	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
1122 Professional occupations in business management consulting	11201 Professional occupations in business management consulting	100.0
1123 Professional occupations in advertising, marketing and public relations	10022 Advertising, marketing and public relations managers	7.1
	11202 Professional occupations in advertising, marketing and public relations	88.5
	64409 Other customer and information services representatives	4.4
1211 Supervisors, general office and administrative support workers	12010 Supervisors, general office and administrative support workers	100.0
1212 Supervisors, finance and insurance office workers	12011 Supervisors, finance and insurance office workers	100.0
1213 Supervisors, library, correspondence and related information workers	12012 Supervisors, library, correspondence and related information workers	100.0
1214 Supervisors, mail and message distribution occupations	72025 Supervisors, mail and message distribution occupations	100.0
1215 Supervisors, supply chain, tracking and scheduling co-ordination occupations	12013 Supervisors, supply chain, tracking and scheduling coordination occupations	47.8
	13201 Production and transportation logistics coordinators	50.5
	74202 Air transport ramp attendants	1.7
1221 Administrative officers	13100 Administrative officers	100.0
1222 Executive assistants	12100 Executive assistants	100.0
1223 Human resources and recruitment officers	12101 Human resources and recruitment officers	100.0
1224 Property administrators	13101 Property administrators	100.0
1225 Purchasing agents and officers	12102 Procurement and purchasing agents and officers	100.0
1226 Conference and event planners	12103 Conference and event planners	100.0
1227 Court officers and justices of the peace	10019 Other administrative services managers	32.9
	14103 Court clerks and related court services occupations	36.8
	42200 Paralegals and related occupations	30.3
1228 Employment insurance, immigration, border services and revenue officers	12104 Employment insurance and revenue officers	75.8
	43203 Border services, customs, and immigration officers	24.2
1241 Administrative assistants	13110 Administrative assistants	100.0
1242 Legal administrative assistants	13111 Legal administrative assistants	100.0
1243 Medical administrative assistants	13112 Medical administrative assistants	100.0
1251 Court reporters, medical transcriptionists and related occupations	12110 Court reporters, medical transcriptionists and related occupations	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
1252 Health information management occupations	12111 Health information management occupations	100.0
1253 Records management technicians	12111 Health information management occupations	11.7
	12112 Records management technicians	88.3
1254 Statistical officers and related research support occupations	12113 Statistical officers and related research support occupations	100.0
1311 Accounting technicians and bookkeepers	12200 Accounting technicians and bookkeepers	100.0
1312 Insurance adjusters and claims examiners	12201 Insurance adjusters and claims examiners	100.0
1313 Insurance underwriters	12202 Insurance underwriters	100.0
1314 Assessors, valuers and appraisers	12203 Assessors, business valuers and appraisers	100.0
1315 Customs, ship and other brokers	13200 Customs, ship and other brokers	100.0
1411 General office support workers	14100 General office support workers	100.0
1414 Receptionists	14101 Receptionists	100.0
1415 Personnel clerks	14102 Personnel clerks	100.0
1416 Court clerks	14103 Court clerks and related court services occupations	100.0
1422 Data entry clerks	14111 Data entry clerks	100.0
1423 Desktop publishing operators and related occupations	14112 Desktop publishing operators and related occupations	100.0
1431 Accounting and related clerks	14200 Accounting and related clerks	100.0
1432 Payroll administrators	13102 Payroll administrators	100.0
1434 Banking, insurance and other financial clerks	14201 Banking, insurance and other financial clerks	100.0
1435 Collectors	14202 Collection clerks	100.0
1451 Library assistants and clerks	14300 Library assistants and clerks	100.0
1452 Correspondence, publication and regulatory clerks	14301 Correspondence, publication and regulatory clerks	100.0
1454 Survey interviewers and statistical clerks	14110 Survey interviewers and statistical clerks	100.0
1511 Mail, postal and related workers	64401 Postal services representatives	24.0
	74100 Mail and parcel sorters and related occupations	76.0
1512 Letter carriers	74101 Letter carriers	100.0
1513 Couriers, messengers and door-to-door distributors	74102 Couriers and messengers	59.8
	75201 Delivery service drivers and door-to-door distributors	40.2
1521 Shippers and receivers	14400 Shippers and receivers	100.0
1522 Storekeepers and partspersons	14401 Storekeepers and partspersons	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
1523 Production logistics co-ordinators	13201 Production and transportation logistics coordinators	62.6
	14402 Production logistics workers	37.4
1524 Purchasing and inventory control workers	14403 Purchasing and inventory control workers	100.0
1525 Dispatchers	13201 Production and transportation logistics coordinators	13.8
	14404 Dispatchers	86.2
1526 Transportation route and crew schedulers	14405 Transportation route and crew schedulers	100.0
2111 Physicists and astronomers	21100 Physicists and astronomers	100.0
2112 Chemists	21101 Chemists	100.0
2113 Geoscientists and oceanographers	21102 Geoscientists and oceanographers	100.0
2114 Meteorologists and climatologists	21103 Meteorologists and climatologists	100.0
2115 Other professional occupations in physical sciences	21109 Other professional occupations in physical sciences	100.0
2121 Biologists and related scientists	21110 Biologists and related scientists	100.0
2122 Forestry professionals	21111 Forestry professionals	100.0
2123 Agricultural representatives, consultants and specialists	21112 Agricultural representatives, consultants and specialists	100.0
2131 Civil engineers	21300 Civil engineers	100.0
2132 Mechanical engineers	21301 Mechanical engineers	100.0
2133 Electrical and electronics engineers	21310 Electrical and electronics engineers	100.0
2134 Chemical engineers	21320 Chemical engineers	100.0
2141 Industrial and manufacturing engineers	21321 Industrial and manufacturing engineers	100.0
2142 Metallurgical and materials engineers	21322 Metallurgical and materials engineers	100.0
2143 Mining engineers	21330 Mining engineers	100.0
2144 Geological engineers	21331 Geological engineers	100.0
2145 Petroleum engineers	21332 Petroleum engineers	100.0
2146 Aerospace engineers	21390 Aerospace engineers	100.0
2147 Computer engineers (except software engineers and designers)	21311 Computer engineers (except software engineers and designers)	100.0
2148 Other professional engineers, n.e.c.	21399 Other professional engineers	100.0
2151 Architects	21200 Architects	100.0
2152 Landscape architects	21201 Landscape architects	100.0
2153 Urban and land use planners	21202 Urban and land use planners	100.0
2154 Land surveyors	21203 Land surveyors	100.0
2161 Mathematicians, statisticians and actuaries	21210 Mathematicians, statisticians and actuaries	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
2171 Information systems analysts and consultants	21211 Data scientists	1.2
	21220 Cybersecurity specialists	7.7
	21221 Business systems specialists	16.8
	21222 Information systems specialists	73.8
	21233 Web designers	0.5
2172 Database analysts and data administrators	21211 Data scientists	27.3
	21223 Database analysts and data administrators	72.7
2173 Software engineers and designers	21211 Data scientists	3.4
	21231 Software engineers and designers	96.6
2174 Computer programmers and interactive media developers	21230 Computer systems developers and programmers	29.6
	21232 Software developers and programmers	63.0
	21234 Web developers and programmers	7.4
2175 Web designers and developers	21233 Web designers	21.5
	21234 Web developers and programmers	78.5
2211 Chemical technologists and technicians	22100 Chemical technologists and technicians	100.0
2212 Geological and mineral technologists and technicians	22101 Geological and mineral technologists and technicians	100.0
2221 Biological technologists and technicians	22110 Biological technologists and technicians	100.0
2222 Agricultural and fish products inspectors	22111 Agricultural and fish products inspectors	100.0
2223 Forestry technologists and technicians	22112 Forestry technologists and technicians	100.0
2224 Conservation and fishery officers	22113 Conservation and fishery officers	100.0
2225 Landscape and horticulture technicians and specialists	22114 Landscape and horticulture technicians and specialists	100.0
2231 Civil engineering technologists and technicians	22300 Civil engineering technologists and technicians	100.0
2232 Mechanical engineering technologists and technicians	22301 Mechanical engineering technologists and technicians	100.0
2233 Industrial engineering and manufacturing technologists and technicians	22302 Industrial engineering and manufacturing technologists and technicians	100.0
2234 Construction estimators	22303 Construction estimators	100.0
2241 Electrical and electronics engineering technologists and technicians	22310 Electrical and electronics engineering technologists and technicians	100.0
2242 Electronic service technicians (household and business equipment)	22311 Electronic service technicians (household and business equipment)	100.0
2243 Industrial instrument technicians and mechanics	22312 Industrial instrument technicians and mechanics	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
2244 Aircraft instrument, electrical and avionics mechanics, technicians and inspectors	22313 Aircraft instrument, electrical and avionics mechanics, technicians and inspectors	100.0
2251 Architectural technologists and technicians	22210 Architectural technologists and technicians	100.0
2252 Industrial designers	22211 Industrial designers	100.0
2253 Drafting technologists and technicians	22212 Drafting technologists and technicians	100.0
2254 Land survey technologists and technicians	22213 Land survey technologists and technicians	100.0
2255 Technical occupations in geomatics and meteorology	22214 Technical occupations in geomatics and meteorology	100.0
2261 Non-destructive testers and inspection technicians	22230 Non-destructive testers and inspectors	100.0
2262 Engineering inspectors and regulatory officers	22231 Engineering inspectors and regulatory officers	100.0
2263 Inspectors in public and environmental health and occupational health and safety	21120 Public and environmental health and safety professionals	52.2
	22232 Occupational health and safety specialists	47.8
2264 Construction inspectors	22233 Construction inspectors	100.0
2271 Air pilots, flight engineers and flying instructors	72600 Air pilots, flight engineers and flying instructors	100.0
2272 Air traffic controllers and related occupations	72601 Air traffic controllers and related occupations	100.0
2273 Deck officers, water transport	72602 Deck officers, water transport	100.0
2274 Engineer officers, water transport	72603 Engineer officers, water transport	100.0
2275 Railway traffic controllers and marine traffic regulators	72604 Railway traffic controllers and marine traffic regulators	100.0
2281 Computer network technicians	22220 Computer network and web technicians	100.0
2282 User support technicians	22221 User support technicians	100.0
2283 Information systems testing technicians	22222 Information systems testing technicians	100.0
3011 Nursing co-ordinators and supervisors	31300 Nursing coordinators and supervisors	100.0
3012 Registered nurses and registered psychiatric nurses	31301 Registered nurses and registered psychiatric nurses	100.0
3111 Specialist physicians	31100 Specialists in clinical and laboratory medicine	77.2
	31101 Specialists in surgery	22.8
	41310 Police investigators and other investigative occupations	0.0
3112 General practitioners and family physicians	31102 General practitioners and family physicians	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
3113 Dentists	31110 Dentists	100.0
3114 Veterinarians	31103 Veterinarians	100.0
3121 Optometrists	31111 Optometrists	100.0
3122 Chiropractors	31201 Chiropractors	100.0
3124 Allied primary health practitioners	31302 Nurse practitioners	73.1
	31303 Physician assistants, midwives and allied health professionals	21.3
	32103 Respiratory therapists, clinical perfusionists and cardiopulmonary technologists	5.5
3125 Other professional occupations in health diagnosing and treating	31209 Other professional occupations in health diagnosing and treating	97.7
	31303 Physician assistants, midwives and allied health professionals	2.3
3131 Pharmacists	31120 Pharmacists	100.0
3132 Dietitians and nutritionists	31121 Dietitians and nutritionists	100.0
3141 Audiologists and speech-language pathologists	31112 Audiologists and speech-language pathologists	100.0
3142 Physiotherapists	31202 Physiotherapists	92.4
	32109 Other technical occupations in therapy and assessment	7.6
3143 Occupational therapists	31203 Occupational therapists	100.0
3144 Other professional occupations in therapy and assessment	31204 Kinesiologists and other professional occupations in therapy and assessment	84.3
	41301 Therapists in counselling and related specialized therapies	15.7
3211 Medical laboratory technologists	32120 Medical laboratory technologists	100.0
3212 Medical laboratory technicians and pathologists' assistants	31303 Physician assistants, midwives and allied health professionals	2.0
	32120 Medical laboratory technologists	11.4
	33101 Medical laboratory assistants and related technical occupations	86.6
3213 Animal health technologists and veterinary technicians	32104 Animal health technologists and veterinary technicians	100.0
3214 Respiratory therapists, clinical perfusionists and cardiopulmonary technologists	32103 Respiratory therapists, clinical perfusionists and cardiopulmonary technologists	100.0
3215 Medical radiation technologists	32121 Medical radiation technologists	100.0
3216 Medical sonographers	32122 Medical sonographers	100.0
3217 Cardiology technologists and electrophysiological diagnostic technologists, n.e.c.	32123 Cardiology technologists and electrophysiological diagnostic technologists	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
3219 Other medical technologists and technicians (except dental health)	32124 Pharmacy technicians	44.7
	32129 Other medical technologists and technicians	8.5
	33103 Pharmacy technical assistants and pharmacy assistants	46.8
3221 Denturists	32110 Denturists	100.0
3222 Dental hygienists and dental therapists	32111 Dental hygienists and dental therapists	100.0
3223 Dental technologists, technicians and laboratory assistants	32112 Dental technologists and technicians	73.2
	33100 Dental assistants and dental laboratory assistants	26.8
3231 Opticians	32100 Opticians	100.0
3232 Practitioners of natural healing	32200 Traditional Chinese medicine practitioners and acupuncturists	45.8
	32209 Other practitioners of natural healing	54.2
3233 Licensed practical nurses	32101 Licensed practical nurses	100.0
3234 Paramedical occupations	32102 Paramedical occupations	100.0
3236 Massage therapists	32201 Massage therapists	100.0
3237 Other technical occupations in therapy and assessment	32109 Other technical occupations in therapy and assessment	86.3
	33109 Other assisting occupations in support of health services	13.7
3411 Dental assistants	33100 Dental assistants and dental laboratory assistants	100.0
3413 Nurse aides, orderlies and patient service associates	33102 Nurse aides, orderlies and patient service associates	100.0
3414 Other assisting occupations in support of health services	32109 Other technical occupations in therapy and assessment	9.3
	33103 Pharmacy technical assistants and pharmacy assistants	9.4
	33109 Other assisting occupations in support of health services	81.3
4011 University professors and lecturers	41200 University professors and lecturers	100.0
4012 Post-secondary teaching and research assistants	41201 Post-secondary teaching and research assistants	100.0
4021 College and other vocational instructors	41210 College and other vocational instructors	100.0
4031 Secondary school teachers	41220 Secondary school teachers	100.0
4032 Elementary school and kindergarten teachers	41221 Elementary school and kindergarten teachers	100.0
4033 Educational counsellors	41320 Educational counsellors	100.0
4111 Judges	41100 Judges	100.0
4112 Lawyers and Quebec notaries	41101 Lawyers and Quebec notaries	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
4151 Psychologists	31200 Psychologists	65.4
	41301 Therapists in counselling and related specialized therapies	34.6
4152 Social workers	41300 Social workers	100.0
4153 Family, marriage and other related counsellors	31303 Physician assistants, midwives and allied health professionals	1.9
	41301 Therapists in counselling and related specialized therapies	92.3
	41321 Career development practitioners and career counsellors (except education)	5.8
4154 Professional occupations in religion	41302 Religious leaders	100.0
4155 Probation and parole officers and related occupations	41311 Probation and parole officers	71.7
	42201 Social and community service workers	28.3
4156 Employment counsellors	41321 Career development practitioners and career counsellors (except education)	100.0
4161 Natural and applied science policy researchers, consultants and program officers	41400 Natural and applied science policy researchers, consultants and program officers	100.0
4162 Economists and economic policy researchers and analysts	41401 Economists and economic policy researchers and analysts	100.0
4163 Business development officers and marketing researchers and consultants	11202 Professional occupations in advertising, marketing and public relations	50.4
	41402 Business development officers and market researchers and analysts	49.6
4164 Social policy researchers, consultants and program officers	41403 Social policy researchers, consultants and program officers	100.0
4165 Health policy researchers, consultants and program officers	21110 Biologists and related scientists	23.0
	41310 Police investigators and other investigative occupations	0.7
	41404 Health policy researchers, consultants and program officers	76.3
4166 Education policy researchers, consultants and program officers	41405 Education policy researchers, consultants and program officers	100.0
4167 Recreation, sports and fitness policy researchers, consultants and program officers	41406 Recreation, sports and fitness policy researchers, consultants and program officers	100.0
4168 Program officers unique to government	41407 Program officers unique to government	100.0
4169 Other professional occupations in social science, n.e.c.	41409 Other professional occupations in social science	100.0
4211 Paralegal and related occupations	42200 Paralegals and related occupations	100.0
4212 Social and community service workers	42201 Social and community service workers	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
4214 Early childhood educators and assistants	42202 Early childhood educators and assistants	100.0
4215 Instructors of persons with disabilities	42203 Instructors of persons with disabilities	100.0
4216 Other instructors	43109 Other instructors	100.0
4217 Other religious occupations	42204 Religion workers	100.0
4311 Police officers (except commissioned)	41310 Police investigators and other investigative occupations	4.3
	42100 Police officers (except commissioned)	95.7
4312 Firefighters	42101 Firefighters	100.0
4313 Non-commissioned ranks of the Canadian Armed Forces	42100 Police officers (except commissioned)	1.3
	42102 Specialized members of the Canadian Armed Forces	3.3
	43204 Operations members of the Canadian Armed Forces	74.6
	44200 Primary combat members of the Canadian Armed Forces	20.8
4411 Home child care providers	44100 Home child care providers	100.0
4412 Home support workers, housekeepers and related occupations	44101 Home support workers, caregivers and related occupations	78.1
	65310 Light duty cleaners	21.9
4413 Elementary and secondary school teacher assistants	43100 Elementary and secondary school teacher assistants	81.0
	45100 Student monitors, crossing guards and related occupations	19.0
4421 Sheriffs and bailiffs	43200 Sheriffs and bailiffs	100.0
4422 Correctional service officers	43201 Correctional service officers	100.0
4423 By-law enforcement and other regulatory officers, n.e.c.	43202 By-law enforcement and other regulatory officers	100.0
5111 Librarians	51100 Librarians	100.0
5112 Conservators and curators	51101 Conservators and curators	100.0
5113 Archivists	51102 Archivists	100.0
5121 Authors and writers	51111 Authors and writers (except technical)	75.5
	51112 Technical writers	24.5
5122 Editors	51110 Editors	100.0
5123 Journalists	51113 Journalists	100.0
5125 Translators, terminologists and interpreters	51114 Translators, terminologists and interpreters	100.0
5131 Producers, directors, choreographers and related occupations	51120 Producers, directors, choreographers and related occupations	100.0
5132 Conductors, composers and arrangers	51121 Conductors, composers and arrangers	100.0
5133 Musicians and singers	51122 Musicians and singers	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
5134 Dancers	53120 Dancers	100.0
5135 Actors and comedians	53121 Actors, comedians and circus performers	100.0
5136 Painters, sculptors and other visual artists	53122 Painters, sculptors and other visual artists	100.0
5211 Library and public archive technicians	52100 Library and public archive technicians	100.0
5212 Technical occupations related to museums and art galleries	53100 Registrars, restorers, interpreters and other occupations related to museum and art galleries	100.0
5221 Photographers	53110 Photographers	100.0
5222 Film and video camera operators	52110 Film and video camera operators	100.0
5223 Graphic arts technicians	52111 Graphic arts technicians	100.0
5224 Broadcast technicians	52112 Broadcast technicians	100.0
5225 Audio and video recording technicians	52113 Audio and video recording technicians	100.0
5226 Other technical and co-ordinating occupations in motion pictures, broadcasting and the performing arts	52119 Other technical and coordinating occupations in motion pictures, broadcasting and the performing arts	100.0
5227 Support occupations in motion pictures, broadcasting, photography and the performing arts	53111 Motion pictures, broadcasting, photography and performing arts assistants and operators	100.0
5231 Announcers and other broadcasters	52114 Announcers and other broadcasters	100.0
5232 Other performers, n.e.c.	53121 Actors, comedians and circus performers	36.4
	55109 Other performers	63.6
5241 Graphic designers and illustrators	52120 Graphic designers and illustrators	100.0
5242 Interior designers and interior decorators	52121 Interior designers and interior decorators	100.0
5243 Theatre, fashion, exhibit and other creative designers	53123 Theatre, fashion, exhibit and other creative designers	76.7
	62010 Retail sales supervisors	2.2
	64100 Retail salespersons and visual merchandisers	21.1
5244 Artisans and craftspersons	53124 Artisans and craftspersons	100.0
5245 Patternmakers - textile, leather and fur products	53125 Patternmakers - textile, leather and fur products	100.0
5251 Athletes	53200 Athletes	100.0
5252 Coaches	53201 Coaches	100.0
5253 Sports officials and referees	53202 Sports officials and referees	100.0
5254 Program leaders and instructors in recreation, sport and fitness	54100 Program leaders and instructors in recreation, sport and fitness	100.0
6211 Retail sales supervisors	62010 Retail sales supervisors	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
6221 Technical sales specialists - wholesale trade	62100 Technical sales specialists - wholesale trade	72.5
	70012 Facility operation and maintenance managers	1.7
	75101 Material handlers	25.8
6222 Retail and wholesale buyers	62101 Retail and wholesale buyers	100.0
6231 Insurance agents and brokers	63100 Insurance agents and brokers	100.0
6232 Real estate agents and salespersons	63101 Real estate agents and salespersons	100.0
6235 Financial sales representatives	63102 Financial sales representatives	100.0
6311 Food service supervisors	62020 Food service supervisors	100.0
6312 Executive housekeepers	62021 Executive housekeepers	100.0
6313 Accommodation, travel, tourism and related services supervisors	62022 Accommodation, travel, tourism and related services supervisors	100.0
6314 Customer and information services supervisors	62023 Customer and information services supervisors	100.0
6315 Cleaning supervisors	62024 Cleaning supervisors	100.0
6316 Other services supervisors	62029 Other services supervisors	81.4
	65211 Operators and attendants in amusement, recreation and sport	18.6
6321 Chefs	62200 Chefs	100.0
6322 Cooks	63200 Cooks	100.0
6331 Butchers, meat cutters and fishmongers - retail and wholesale	63201 Butchers - retail and wholesale	61.0
	65202 Meat cutters and fishmongers - retail and wholesale	39.0
6332 Bakers	63202 Bakers	100.0
6341 Hairstylists and barbers	63210 Hairstylists and barbers	100.0
6342 Tailors, dressmakers, furriers and milliners	64200 Tailors, dressmakers, furriers and milliners	100.0
6343 Shoe repairers and shoemakers	63220 Shoe repairers and shoemakers	100.0
6344 Jewellers, jewellery and watch repairers and related occupations	62202 Jewellers, jewellery and watch repairers and related occupations	100.0
6345 Upholsterers	63221 Upholsterers	100.0
6346 Funeral directors and embalmers	62201 Funeral directors and embalmers	100.0
6411 Sales and account representatives - wholesale trade (non-technical)	62100 Technical sales specialists - wholesale trade	11.9
	64101 Sales and account representatives - wholesale trade (non-technical)	88.1
6421 Retail salespersons	64100 Retail salespersons and visual merchandisers	100.0
6511 Maîtres d'hôtel and hosts/hostesses	64300 Maîtres d'hôtel and hosts/hostesses	100.0
6512 Bartenders	64301 Bartenders	100.0
6513 Food and beverage servers	65200 Food and beverage servers	100.0
6521 Travel counsellors	64310 Travel counsellors	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
6522 Pursers and flight attendants	64311 Pursers and flight attendants	100.0
6523 Airline ticket and service agents	64312 Airline ticket and service agents	100.0
6524 Ground and water transport ticket agents, cargo service representatives and related clerks	64313 Ground and water transport ticket agents, cargo service representatives and related clerks	100.0
6525 Hotel front desk clerks	64314 Hotel front desk clerks	100.0
6531 Tour and travel guides	64320 Tour and travel guides	100.0
6532 Outdoor sport and recreational guides	64322 Outdoor sport and recreational guides	100.0
6533 Casino occupations	64321 Casino workers	100.0
6541 Security guards and related security service occupations	45100 Student monitors, crossing guards and related occupations	5.7
	64410 Security guards and related security service occupations	90.3
	65329 Other service support occupations	3.9
6551 Customer services representatives - financial institutions	64400 Customer services representatives - financial institutions	100.0
6552 Other customer and information services representatives	64409 Other customer and information services representatives	100.0
6561 Image, social and other personal consultants	64201 Image, social and other personal consultants	100.0
6562 Estheticians, electrologists and related occupations	63211 Estheticians, electrologists and related occupations	100.0
6563 Pet groomers and animal care workers	65220 Pet groomers and animal care workers	100.0
6564 Other personal service occupations	65229 Other support occupations in personal services	100.0
6611 Cashiers	65100 Cashiers	100.0
6621 Service station attendants	65101 Service station attendants	100.0
6622 Store shelf stockers, clerks and order fillers	65102 Store shelf stockers, clerks and order fillers	100.0
6623 Other sales related occupations	65109 Other sales related occupations	100.0
6711 Food counter attendants, kitchen helpers and related support occupations	65201 Food counter attendants, kitchen helpers and related support occupations	100.0
6721 Support occupations in accommodation, travel and facilities set-up services	65210 Support occupations in accommodation, travel and facilities set-up services	100.0
6722 Operators and attendants in amusement, recreation and sport	65211 Operators and attendants in amusement, recreation and sport	100.0
6731 Light duty cleaners	65310 Light duty cleaners	100.0
6732 Specialized cleaners	65311 Specialized cleaners	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
6733 Janitors, caretakers and building superintendents	65312 Janitors, caretakers and heavy-duty cleaners	52.4
	73201 General building maintenance workers and building superintendents	47.6
6741 Dry cleaning, laundry and related occupations	65320 Dry cleaning, laundry and related occupations	100.0
6742 Other service support occupations, n.e.c.	65329 Other service support occupations	100.0
7201 Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	72010 Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	100.0
7202 Contractors and supervisors, electrical trades and telecommunications occupations	72011 Contractors and supervisors, electrical trades and telecommunications occupations	100.0
7203 Contractors and supervisors, pipefitting trades	72012 Contractors and supervisors, pipefitting trades	100.0
7204 Contractors and supervisors, carpentry trades	72013 Contractors and supervisors, carpentry trades	100.0
7205 Contractors and supervisors, other construction trades, installers, repairers and servicers	72014 Contractors and supervisors, other construction trades, installers, repairers and servicers	100.0
7231 Machinists and machining and tooling inspectors	72100 Machinists and machining and tooling inspectors	100.0
7232 Tool and die makers	72101 Tool and die makers	100.0
7233 Sheet metal workers	72102 Sheet metal workers	100.0
7234 Boilermakers	72103 Boilermakers	100.0
7235 Structural metal and platework fabricators and fitters	72104 Structural metal and platework fabricators and fitters	100.0
7236 Ironworkers	72105 Ironworkers	100.0
7237 Welders and related machine operators	72106 Welders and related machine operators	100.0
7241 Electricians (except industrial and power system)	72200 Electricians (except industrial and power system)	100.0
7242 Industrial electricians	72201 Industrial electricians	100.0
7243 Power system electricians	72202 Power system electricians	100.0
7244 Electrical power line and cable workers	72203 Electrical power line and cable workers	100.0
7245 Telecommunications line and cable workers	72204 Telecommunications line and cable installers and repairers	100.0
7246 Telecommunications installation and repair workers	72205 Telecommunications equipment installation and cable television service technicians	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
7247 Cable television service and maintenance technicians	72204 Telecommunications line and cable installers and repairers	40.3
	72205 Telecommunications equipment installation and cable television service technicians	59.7
7251 Plumbers	72300 Plumbers	100.0
7252 Steamfitters, pipefitters and sprinkler system installers	72301 Steamfitters, pipefitters and sprinkler system installers	100.0
7253 Gas fitters	72302 Gas fitters	100.0
7271 Carpenters	72310 Carpenters	100.0
7272 Cabinetmakers	72311 Cabinetmakers	100.0
7281 Bricklayers	72320 Bricklayers	100.0
7282 Concrete finishers	73100 Concrete finishers	100.0
7283 Tilesetters	73101 Tilesetters	100.0
7284 Plasterers, drywall installers and finishers and lathers	73102 Plasterers, drywall installers and finishers and lathers	100.0
7291 Roofers and shinglers	73110 Roofers and shinglers	100.0
7292 Glaziers	73111 Glaziers	100.0
7293 Insulators	72321 Insulators	100.0
7294 Painters and decorators (except interior decorators)	73112 Painters and decorators (except interior decorators)	100.0
7295 Floor covering installers	73113 Floor covering installers	100.0
7301 Contractors and supervisors, mechanic trades	72020 Contractors and supervisors, mechanic trades	100.0
7302 Contractors and supervisors, heavy equipment operator crews	72021 Contractors and supervisors, heavy equipment operator crews	100.0
7303 Supervisors, printing and related occupations	72022 Supervisors, printing and related occupations	100.0
7304 Supervisors, railway transport operations	72023 Supervisors, railway transport operations	100.0
7305 Supervisors, motor transport and other ground transit operators	72024 Supervisors, motor transport and other ground transit operators	100.0
7311 Construction millwrights and industrial mechanics	72400 Construction millwrights and industrial mechanics	100.0
7312 Heavy-duty equipment mechanics	72401 Heavy-duty equipment mechanics	100.0
7313 Heating, refrigeration and air conditioning mechanics	72402 Heating, refrigeration and air conditioning mechanics	100.0
7314 Railway carmen/women	72403 Railway carmen/women	100.0
7315 Aircraft mechanics and aircraft inspectors	72404 Aircraft mechanics and aircraft inspectors	100.0
7316 Machine fitters	72405 Machine fitters	100.0
7318 Elevator constructors and mechanics	72406 Elevator constructors and mechanics	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
7321 Automotive service technicians, truck and bus mechanics and mechanical repairers	72410 Automotive service technicians, truck and bus mechanics and mechanical repairers	100.0
7322 Motor vehicle body repairers	72411 Auto body collision, refinishing and glass technicians and damage repair estimators	100.0
7331 Oil and solid fuel heating mechanics	72420 Oil and solid fuel heating mechanics	100.0
7332 Appliance servicers and repairers	72421 Appliance servicers and repairers	100.0
7333 Electrical mechanics	72422 Electrical mechanics	100.0
7334 Motorcycle, all-terrain vehicle and other related mechanics	72423 Motorcycle, all-terrain vehicle and other related mechanics	100.0
7335 Other small engine and small equipment repairers	72429 Other small engine and small equipment repairers	100.0
7361 Railway and yard locomotive engineers	73310 Railway and yard locomotive engineers	100.0
7362 Railway conductors and brakemen/women	73311 Railway conductors and brakemen/women	100.0
7371 Crane operators	72500 Crane operators	93.4
	75110 Construction trades helpers and labourers	6.6
7372 Drillers and blasters - surface mining, quarrying and construction	73402 Drillers and blasters - surface mining, quarrying and construction	100.0
7373 Water well drillers	72501 Water well drillers	100.0
7381 Printing press operators	73401 Printing press operators	100.0
7384 Other trades and related occupations, n.e.c.	72423 Motorcycle, all-terrain vehicle and other related mechanics	19.5
	72999 Other technical trades and related occupations	80.5
7441 Residential and commercial installers and servicers	73200 Residential and commercial installers and servicers	100.0
7442 Waterworks and gas maintenance workers	74204 Utility maintenance workers	100.0
7444 Pest controllers and fumigators	73202 Pest controllers and fumigators	100.0
7445 Other repairers and servicers	22311 Electronic service technicians (household and business equipment)	16.9
	73209 Other repairers and servicers	83.1
7451 Longshore workers	75100 Longshore workers	100.0
7452 Material handlers	75101 Material handlers	100.0
7511 Transport truck drivers	73300 Transport truck drivers	100.0
7512 Bus drivers, subway operators and other transit operators	73301 Bus drivers, subway operators and other transit operators	100.0
7513 Taxi and limousine drivers and chauffeurs	75200 Taxi and limousine drivers and chauffeurs	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
7514 Delivery and courier service drivers	74102 Couriers and messengers	15.3
	75201 Delivery service drivers and door-to-door distributors	84.7
7521 Heavy equipment operators (except crane)	73400 Heavy equipment operators	100.0
7522 Public works maintenance equipment operators and related workers	74204 Utility maintenance workers	9.3
	74205 Public works maintenance equipment operators and related workers	90.7
7531 Railway yard and track maintenance workers	74200 Railway yard and track maintenance workers	100.0
7532 Water transport deck and engine room crew	74201 Water transport deck and engine room crew	100.0
7533 Boat and cable ferry operators and related occupations	75210 Boat and cable ferry operators and related occupations	100.0
7534 Air transport ramp attendants	74202 Air transport ramp attendants	100.0
7535 Other automotive mechanical installers and servicers	74203 Automotive and heavy truck and equipment parts installers and servicers	100.0
7611 Construction trades helpers and labourers	75110 Construction trades helpers and labourers	100.0
7612 Other trades helpers and labourers	75119 Other trades helpers and labourers	100.0
7621 Public works and maintenance labourers	75212 Public works and maintenance labourers	100.0
7622 Railway and motor transport labourers	75211 Railway and motor transport labourers	100.0
8211 Supervisors, logging and forestry	82010 Supervisors, logging and forestry	100.0
8221 Supervisors, mining and quarrying	82020 Supervisors, mining and quarrying	100.0
8222 Contractors and supervisors, oil and gas drilling and services	82021 Contractors and supervisors, oil and gas drilling and services	100.0
8231 Underground production and development miners	83100 Underground production and development miners	100.0
8232 Oil and gas well drillers, servicers, testers and related workers	83101 Oil and gas well drillers, servicers, testers and related workers	100.0
8241 Logging machinery operators	83110 Logging machinery operators	100.0
8252 Agricultural service contractors, farm supervisors and specialized livestock workers	72600 Air pilots, flight engineers and flying instructors	2.0
	82030 Agricultural service contractors and farm supervisors	27.8
	84120 Specialized livestock workers and farm machinery operators	64.0
	85100 Livestock labourers	6.2
8255 Contractors and supervisors, landscaping, grounds maintenance and horticulture services	82031 Contractors and supervisors, landscaping, grounds maintenance and horticulture services	100.0
8261 Fishing masters and officers	83120 Fishing masters and officers	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
8262 Fishermen/women	83121 Fishermen/women	100.0
8411 Underground mine service and support workers	84100 Underground mine service and support workers	100.0
8412 Oil and gas well drilling and related workers and services operators	84101 Oil and gas well drilling and related workers and services operators	100.0
8421 Chain saw and skidder operators	84110 Chain saw and skidder operators	100.0
8422 Silviculture and forestry workers	84111 Silviculture and forestry workers	100.0
8431 General farm workers	84120 Specialized livestock workers and farm machinery operators	49.6
	85100 Livestock labourers	38.0
	85101 Harvesting labourers	12.4
8432 Nursery and greenhouse workers	85103 Nursery and greenhouse labourers	100.0
8441 Fishing vessel deckhands	84121 Fishing vessel deckhands	100.0
8442 Trappers and hunters	85104 Trappers and hunters	100.0
8611 Harvesting labourers	85101 Harvesting labourers	100.0
8612 Landscaping and grounds maintenance labourers	85121 Landscaping and grounds maintenance labourers	100.0
8613 Aquaculture and marine harvest labourers	85102 Aquaculture and marine harvest labourers	100.0
8614 Mine labourers	85110 Mine labourers	100.0
8615 Oil and gas drilling, servicing and related labourers	85111 Oil and gas drilling, servicing and related labourers	100.0
8616 Logging and forestry labourers	85120 Logging and forestry labourers	100.0
9211 Supervisors, mineral and metal processing	92010 Supervisors, mineral and metal processing	100.0
9212 Supervisors, petroleum, gas and chemical processing and utilities	92011 Supervisors, petroleum, gas and chemical processing and utilities	100.0
9213 Supervisors, food and beverage processing	92012 Supervisors, food and beverage processing	100.0
9214 Supervisors, plastic and rubber products manufacturing	92013 Supervisors, plastic and rubber products manufacturing	100.0
9215 Supervisors, forest products processing	92014 Supervisors, forest products processing	100.0
9217 Supervisors, textile, fabric, fur and leather products processing and manufacturing	92015 Supervisors, textile, fabric, fur and leather products processing and manufacturing	100.0
9221 Supervisors, motor vehicle assembling	92020 Supervisors, motor vehicle assembling	100.0
9222 Supervisors, electronics manufacturing	92021 Supervisors, electronics and electrical products manufacturing	100.0
9223 Supervisors, electrical products manufacturing	92021 Supervisors, electronics and electrical products manufacturing	100.0
9224 Supervisors, furniture and fixtures manufacturing	92022 Supervisors, furniture and fixtures manufacturing	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
9226 Supervisors, other mechanical and metal products manufacturing	92023 Supervisors, other mechanical and metal products manufacturing	100.0
9227 Supervisors, other products manufacturing and assembly	92024 Supervisors, other products manufacturing and assembly	100.0
9231 Central control and process operators, mineral and metal processing	93100 Central control and process operators, mineral and metal processing	100.0
9232 Central control and process operators, petroleum, gas and chemical processing	93101 Central control and process operators, petroleum, gas and chemical processing	100.0
9235 Pulping, papermaking and coating control operators	93102 Pulping, papermaking and coating control operators	100.0
9241 Power engineers and power systems operators	92100 Power engineers and power systems operators	100.0
9243 Water and waste treatment plant operators	92101 Water and waste treatment plant operators	100.0
9411 Machine operators, mineral and metal processing	94100 Machine operators, mineral and metal processing	100.0
9412 Foundry workers	94101 Foundry workers	100.0
9413 Glass forming and finishing machine operators and glass cutters	94102 Glass forming and finishing machine operators and glass cutters	100.0
9414 Concrete, clay and stone forming operators	94103 Concrete, clay and stone forming operators	100.0
9415 Inspectors and testers, mineral and metal processing	94104 Inspectors and testers, mineral and metal processing	100.0
9416 Metalworking and forging machine operators	94105 Metalworking and forging machine operators	100.0
9417 Machining tool operators	94106 Machining tool operators	100.0
9418 Other metal products machine operators	94107 Machine operators of other metal products	100.0
9421 Chemical plant machine operators	94110 Chemical plant machine operators	58.8
	95102 Labourers in chemical products processing and utilities	41.2
9422 Plastics processing machine operators	94111 Plastics processing machine operators	100.0
9423 Rubber processing machine operators and related workers	94112 Rubber processing machine operators and related workers	100.0
9431 Sawmill machine operators	94120 Sawmill machine operators	100.0
9432 Pulp mill machine operators	94121 Pulp mill, papermaking and finishing machine operators	100.0
9433 Papermaking and finishing machine operators	94121 Pulp mill, papermaking and finishing machine operators	100.0
9434 Other wood processing machine operators	94129 Other wood processing machine operators	100.0
9435 Paper converting machine operators	94122 Paper converting machine operators	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
9436 Lumber graders and other wood processing inspectors and graders	94123 Lumber graders and other wood processing inspectors and graders	100.0
9437 Woodworking machine operators	94124 Woodworking machine operators	100.0
9441 Textile fibre and yarn, hide and pelt processing machine operators and workers	94130 Textile fibre and yarn, hide and pelt processing machine operators and workers	72.6
	95105 Labourers in textile processing and cutting	27.4
9442 Weavers, knitters and other fabric making occupations	94131 Weavers, knitters and other fabric making occupations	100.0
9445 Fabric, fur and leather cutters	95105 Labourers in textile processing and cutting	100.0
9446 Industrial sewing machine operators	94132 Industrial sewing machine operators	100.0
9447 Inspectors and graders, textile, fabric, fur and leather products manufacturing	94133 Inspectors and graders, textile, fabric, fur and leather products manufacturing	100.0
9461 Process control and machine operators, food and beverage processing	94140 Process control and machine operators, food and beverage processing	100.0
9462 Industrial butchers and meat cutters, poultry preparers and related workers	94141 Industrial butchers and meat cutters, poultry preparers and related workers	100.0
9463 Fish and seafood plant workers	94142 Fish and seafood plant workers	100.0
9465 Testers and graders, food and beverage processing	94143 Testers and graders, food and beverage processing	100.0
9471 Plateless printing equipment operators	94150 Plateless printing equipment operators	100.0
9472 Camera, platemaking and other prepress occupations	94151 Camera, platemaking and other prepress occupations	100.0
9473 Binding and finishing machine operators	94152 Binding and finishing machine operators	100.0
9474 Photographic and film processors	94153 Photographic and film processors	100.0
9521 Aircraft assemblers and aircraft assembly inspectors	93200 Aircraft assemblers and aircraft assembly inspectors	100.0
9522 Motor vehicle assemblers, inspectors and testers	94200 Motor vehicle assemblers, inspectors and testers	100.0
9523 Electronics assemblers, fabricators, inspectors and testers	94201 Electronics assemblers, fabricators, inspectors and testers	100.0
9524 Assemblers and inspectors, electrical appliance, apparatus and equipment manufacturing	94202 Assemblers and inspectors, electrical appliance, apparatus and equipment manufacturing	100.0
9525 Assemblers, fabricators and inspectors, industrial electrical motors and transformers	94203 Assemblers, fabricators and inspectors, industrial electrical motors and transformers	100.0
9526 Mechanical assemblers and inspectors	94204 Mechanical assemblers and inspectors	100.0
9527 Machine operators and inspectors, electrical apparatus manufacturing	94205 Machine operators and inspectors, electrical apparatus manufacturing	100.0

Empirical concordance: National Occupational Classification (NOC) 2021 Version 1.0 and National Occupational Classification (NOC) 2016 Version 1.3

Table 6
National Occupational Classification (NOC) 2016 unit groups and NOC 2021 unit groups

NOC 2016 unit group	NOC 2021 unit group	Share of NOC 2016 unit group %
9531 Boat assemblers and inspectors	94219 Other products assemblers, finishers and inspectors	100.0
9532 Furniture and fixture assemblers and inspectors	94210 Furniture and fixture assemblers, finishers, refinishers and inspectors	100.0
9533 Other wood products assemblers and inspectors	94211 Assemblers and inspectors of other wood products	100.0
9534 Furniture finishers and refinishers	94210 Furniture and fixture assemblers, finishers, refinishers and inspectors	100.0
9535 Plastic products assemblers, finishers and inspectors	94212 Plastic products assemblers, finishers and inspectors	100.0
9536 Industrial painters, coaters and metal finishing process operators	94213 Industrial painters, coaters and metal finishing process operators	100.0
9537 Other products assemblers, finishers and inspectors	94219 Other products assemblers, finishers and inspectors	100.0
9611 Labourers in mineral and metal processing	95100 Labourers in mineral and metal processing	100.0
9612 Labourers in metal fabrication	95101 Labourers in metal fabrication	100.0
9613 Labourers in chemical products processing and utilities	95102 Labourers in chemical products processing and utilities	100.0
9614 Labourers in wood, pulp and paper processing	95103 Labourers in wood, pulp and paper processing	100.0
9615 Labourers in rubber and plastic products manufacturing	95104 Labourers in rubber and plastic products manufacturing	100.0
9616 Labourers in textile processing	94130 Textile fibre and yarn, hide and pelt processing machine operators and workers	6.1
	95105 Labourers in textile processing and cutting	93.9
9617 Labourers in food and beverage processing	95106 Labourers in food and beverage processing	100.0
9618 Labourers in fish and seafood processing	94142 Fish and seafood plant workers	12.8
	95107 Labourers in fish and seafood processing	87.2
9619 Other labourers in processing, manufacturing and utilities	95109 Other labourers in processing, manufacturing and utilities	100.0

n.e.c. = not elsewhere classified

Source: Statistics Canada, Census of Population, 2021.