

Detailed Occupational Outlook 2016 to 2020

The Detailed Occupational Outlook provides current and future labour market information for 420 occupations in Saskatchewan over the forecast period 2016 to 2020. Information for each occupation includes: projected net job openings; job outlook; estimated employment and wage; and the skill or educational level that is usually required.

Job outlooks are based on a variety of labour market indicators (see [Assumptions and Methodology](#) section). A **good** outlook suggests that an occupation has more favourable or above-average job prospects, **fair** suggests more balanced or average job prospects, and **limited** suggests less favourable or below-average job prospects.

Who is this for?

- Job seekers and learners
- Career and employment practitioners
- Employers and industry
- Policy makers and researchers
- Education and training providers

Job outlook (2016-2020) by number of occupations and net job openings

Job Outlook	Number of occupations	Number of net job openings
Good (more favourable or above-average)	78	26,730
Fair (balanced or average)	283	57,890
Limited (less favourable or below-average)	59	4,650
Uncommon (fewer than 50 employed in 2016)	80	220
Total	500	89,400

Note: The sum of net job openings does not add up to the Total due to rounding

A total of 420 occupations are assigned “good”, “fair” or “limited” job outlooks based on a comparative assessment of their employment prospects relative to the average. An additional 80 occupations are assigned an “uncommon” outlook as there is not enough available data to properly assess them. Each of these uncommon occupations is estimated to have fewer than 50 employed in the province in 2016. Labour market information is not provided for these occupations in this report. Collectively, these occupations have only 220 projected job openings – less than 1% of the total 89,400 job openings over the forecast period.

Job outlooks should be viewed from a job-seeker’s perspective. For example, an occupation with a good prospect indicates favorable employment prospects for job seekers but may pose hiring challenges for employers. A limited outlook, however, is not meant to discourage job seekers in pursuing an occupation. These occupations have a below-average outlook relative to other occupations over the forecast period, but may have expected job openings over the forecast period. Some occupations with a limited outlook may have a forecasted decline in job openings due to their sensitivity to short-term economic fluctuations.

Job openings and job outlooks are based on economic and labour market conditions expected over the forecast period. These conditions are subject to market uncertainty due to a number of factors such as changes in commodity prices, exchange rates, consumer demand, and other economic factors.

Skill Level (NOC 2011)

Skill Levels Based on the NOC 2011 System		
Skill Level		Level of education or training usually required
Mgt	Management	<ul style="list-style-type: none"> – Management is characterized by high levels of responsibility, accountability and subject matter expertise. Expertise is acquired through either formal education or extensive occupational experience.
Univ	University degree	<ul style="list-style-type: none"> – University degree (bachelor's, master's or doctorate)
PS	Post-secondary certificate, diploma or apprenticeship training	<ul style="list-style-type: none"> – Two to three years of post-secondary education at community college, institute of technology or CÉGEP (Quebec only); <i>or</i> – Two to five years of apprenticeship training; <i>or</i> – Three to four years of secondary school and more than two years of on-the-job training, occupation specific training courses or specific work experience; <i>or</i> – Occupations with supervisory responsibilities; <i>or</i> – Occupations with significant health and safety responsibilities
HS	High school completion or occupation-specific training	<ul style="list-style-type: none"> – Completion of secondary school and some short-duration courses or training specific to the occupation; <i>or</i> – Some secondary school education, with up to two years of on-the-job training, training courses or specific work experience
LHS	Less than high school completion or on-the-job training	<ul style="list-style-type: none"> – Short work demonstration or on-the-job training; <i>or</i> – No formal educational requirements

Source: Statistics Canada

Quick Links (Click on hyperlinks)

Note: all tables exclude occupations with 'uncommon' outlook

[Top 25 highest paying higher-skilled occupations](#)

[Top 25 highest paying lower-skilled occupations](#)

[Top 25 occupations with the most job openings](#)

Top 15 occupations with the most job openings that require:

[Less than high school completion](#)

[High school completion](#)

[Post-secondary certificate, diploma and apprenticeship training](#)

[University degree](#)

[Management](#)

[For current job opportunities in these occupations visit SaskJobs.ca](#)

[Job outlooks, employment and wages for 420 occupations](#)

[Assumptions, definitions and methodology](#)

Highest Paying, Higher-Skilled Occupations

Higher-skilled occupations are those that typically require a university degree or a post-secondary certificate, diploma or apprenticeship training and/or management experience. These occupations are also generally the highest paid. Estimated annual wages in 2016 for the top 25 highest paying, higher-skilled occupations, as shown in the table below, range from \$115,900 to \$267,700 compared to the provincial median wage of \$56,600.

The top 25 are mainly in management, health, law and engineering related occupations. Eight out of every 10 of these occupations require management experience or a university degree. Those occupations that require a post-secondary certificate, diploma or apprenticeship training are mostly in the mining, oil and gas sector.

2,720 job openings are forecasted for these 25 occupations over the 2016 to 2020 forecast period, mostly due to an expected need to replace retiring workers. Economic activity will generate a low number of job openings (160) for these occupations.

These top 25 occupations represent 5% of the total 54,930 job openings forecasted for the higher-skilled category.

Top 25 highest paying, higher-skilled occupations

Rank	NOC 2011	NOC 2011 title	2016 wage estimate	Job openings	Skill level
1	4111	Judges	\$267,700	30	Univ
2	3113	Dentists	\$165,100	40	Univ
3	0016	Senior managers – construction, transportation, production and utilities	\$156,800	110	Mgt
4	3111	Specialist physicians	\$155,500	140	Univ
5	3112	General practitioners and family physicians	\$151,500	140	Univ
6	2145	Petroleum engineers	\$149,000	-20	Univ
7	0013	Senior managers – financial, communications and other business services	\$148,100	250	Mgt
8	0811	Managers in natural resources production and fishing	\$143,900	90	Mgt
9	4112	Lawyers and Quebec notaries	\$137,800	270	Univ
10	3124	Allied primary health practitioners	\$129,300	40	Univ
11	8222	Contractors and supervisors, oil and gas drilling and services	\$129,000	-130	PS
12	2148	Other professional engineers, n.e.c.	\$128,200	40	Univ
13	9212	Supervisors, petroleum, gas and chemical processing and utilities	\$125,200	220	PS
14	7361	Railway and yard locomotive engineers	\$124,700	270	PS
15	7244	Electrical power line and cable workers	\$122,900	140	PS
16	2113	Geoscientists and oceanographers	\$121,900	80	Univ
17	0432	Fire chiefs and senior firefighting officers	\$120,600	20	Mgt
17	2143	Mining engineers	\$120,600	50	Univ
19	2144	Geological engineers	\$120,000	20	Univ
20	8221	Supervisors, mining and quarrying	\$119,000	190	PS
21	3131	Pharmacists	\$117,800	110	Univ
22	0912	Utilities managers	\$117,100	120	Mgt
23	0131	Telecommunication carriers managers	\$117,000	10	Mgt
24	0211	Engineering managers	\$116,400	90	Mgt
25	4011	University professors and lecturers	\$115,900	400	Univ

Highest Paying, Lower-Skilled Occupations

Lower-skilled occupations are those that typically require high-school completion, some secondary school education with occupation-specific training, or no formal education but with on-the-job training. Many lower-skilled occupations can result in high-paying jobs. Estimated annual wages in 2016 for the top 25 highest paying, lower-skilled occupations, as shown in the table below, range from \$56,800 to \$96,500 compared to the provincial median wage of \$56,600.

The top 25 occupations mainly consist of maintenance and service workers, and labourers and machine operators in the trades and transport, manufacturing, mining, oil and gas sectors. Four out of every five of these 25 occupations require high school completion (Grade 12 or equivalent). Those occupations that require less than high school completion are mostly labourers in the manufacturing, mining, oil and gas sectors.

5,110 job openings are forecasted for these 25 occupations over the 2016 to 2020 forecast period, mostly due to an expected need to replace retiring workers. Economic activity will generate a low number of job openings (760) for these occupations.

These top 25 occupations represent 15% of the total 34,340 job openings forecasted for the lower-skilled category.

Top 25 highest paying, lower-skilled occupations

Rank	NOC 2011	NOC 2011 title	2016 wage estimate	Job openings	Skill level
1	8411	Underground mine service and support workers	\$96,500	20	HS
2	8412	Oil and gas well drilling and related workers and services operators	\$90,800	-200	HS
3	4422	Correctional service officers	\$81,900	350	HS
4	8614	Mine labourers	\$81,700	70	LHS
5	9411	Machine operators, mineral and metal processing	\$77,500	70	HS
6	7531	Railway yard and track maintenance workers	\$74,200	160	HS
7	9612	Labourers in metal fabrication	\$71,100	70	LHS
8	1415	Personnel clerks	\$68,900	40	HS
9	1512	Letter carriers	\$67,400	130	HS
10	7521	Heavy equipment operators (except crane)	\$66,900	0	HS
11	6411	Sales and account representatives – wholesale trade (non-technical)	\$65,300	1,000	HS
12	4421	Sheriffs and bailiffs	\$65,200	30	HS
13	1526	Transportation route and crew schedulers	\$63,800	10	HS
14	1523	Production logistics coordinators	\$62,000	90	HS
15	9418	Other metal products machine operators	\$61,100	20	HS
15	7511	Transport truck drivers	\$61,100	2,480	HS
17	9434	Other wood processing machine operators	\$60,900	30	HS
18	1511	Mail, postal and related workers	\$60,800	210	HS
19	7622	Railway and motor transport labourers	\$59,800	50	LHS
20	1513	Couriers, messengers and door-to-door distributors	\$59,500	330	HS
21	8615	Oil and gas drilling, servicing and related labourers	\$59,200	-300	LHS
22	7442	Waterworks and gas maintenance workers	\$58,400	90	HS
23	1525	Dispatchers	\$58,000	150	HS
24	9613	Labourers in chemical products processing and utilities	\$57,500	30	LHS
25	7621	Public works and maintenance labourers	\$56,800	180	LHS

Occupations with the Most Job Openings

The top 25 occupations with the most job openings have a balanced set of skill requirements. Half of these occupations are lower-skilled, typically requiring high-school completion, some secondary education with occupation-specific training, or no formal education but with on-the-job training such as cashiers, transport truck drivers, and food counter attendants, kitchen helpers and related occupations. Half of these occupations are higher-skilled, typically requiring a university degree or a post-secondary certificate, diploma or apprenticeship training and/or management experience such as cooks, early childhood educators and assistants, teachers, and financial auditors and accountants.

Most of the top 25 occupations have fair or good job outlook. Estimated annual wages in 2016 for these occupations, as shown in the table below, range from \$25,100 to \$90,900 compared to the provincial median wage of \$56,600.

42,710 job openings are forecasted for these 25 occupations over the 2016 to 2020 forecast period. Three out of every four job openings are due to an expected need to replace retiring workers. Economic activity will generate a quarter of the job openings for these occupations.

These top 25 occupations account for nearly half of the total job openings forecasted for the province.

Top 25 occupations with the most job openings

Rank	NOC 2011	NOC 2011 title	Job openings	Skill level	2016 wage estimate	Job outlook
1	6421	Retail salespersons	3,530	HS	\$37,400	Fair
2	0821	Managers in agriculture	3,330	Mgt	\$26,300	Fair
3	3012	Registered nurses and registered psychiatric nurses	3,050	Univ	\$90,900	Fair
4	0621	Retail and wholesale trade managers	2,960	Mgt	\$58,500	Good
5	4032	Elementary school and kindergarten teachers	2,680	Univ	\$75,800	Good
6	7511	Transport truck drivers	2,480	HS	\$61,100	Fair
7	3413	Nurse aides, orderlies and patient service associates	1,990	HS	\$42,900	Good
8	6733	Janitors, caretakers and building superintendents	1,980	LHS	\$40,900	Fair
9	1221	Administrative officers	1,870	PS	\$54,300	Good
10	1241	Administrative assistants	1,750	PS	\$47,200	Good
11	6731	Light duty cleaners	1,660	LHS	\$32,500	Fair
12	6611	Cashiers	1,550	LHS	\$26,200	Fair
13	1411	General office support workers	1,370	HS	\$48,100	Limited
13	6322	Cooks	1,370	PS	\$29,800	Good
15	4214	Early childhood educators and assistants	1,230	PS	\$25,100	Good
16	4413	Elementary and secondary school teacher assistants	1,190	HS	\$35,400	Good
17	7237	Welders and related machine operators	1,110	PS	\$68,300	Fair
18	6711	Food counter attendants, kitchen helpers and related support occupations	1,090	LHS	\$25,800	Fair
19	7452	Material handlers	1,080	HS	\$49,500	Fair
20	6411	Sales and account representatives – wholesale trade (non-technical)	1,000	HS	\$65,300	Good
21	1111	Financial auditors and accountants	980	Univ	\$72,800	Fair
22	4031	Secondary school teachers	880	Univ	\$80,700	Fair
23	0631	Restaurant and food service managers	860	Mgt	\$40,400	Fair
23	1311	Accounting technicians and bookkeepers	860	PS	\$47,400	Fair
23	1431	Accounting and related clerks	860	HS	\$47,800	Limited

Occupations with the most job openings that require:
Less Than High School Completion



NOC 2011	Top 15 occupations with the most job openings	Job openings	2016 wage estimate
6733	Janitors, caretakers and building superintendents	1,980	\$40,900
6731	Light duty cleaners	1,660	\$32,500
6611	Cashiers	1,550	\$26,200
6711	Food counter attendants, kitchen helpers and related support occupations	1,090	\$25,800
6622	Store shelf stockers, clerks and order fillers	850	\$31,700
8612	Landscaping and grounds maintenance labourers	510	\$41,900
9617	Labourers in food, beverage and associated products processing	350	\$40,700
6621	Service station attendants	270	\$24,300
6741	Dry cleaning, laundry and related occupations	220	\$33,200
9619	Other labourers in processing, manufacturing & utilities	190	\$39,300
7621	Public works and maintenance labourers	180	\$56,800
9614	Labourers in wood, pulp and paper processing	180	\$49,300
6623	Other sales related occupations	160	\$42,700
6732	Specialized cleaners	160	\$39,200
6742	Other service support occupations, n.e.c.	120	\$27,900

A total of 26 occupations have no formal education requirements (less than high school education), but may require on-the-job training.

The top 15 occupations with the most job openings in this entry-level skill category are generally sales and service jobs or labourer positions in manufacturing and utilities.

9,470 job openings are forecasted for these 15 occupations over the 2016 to 2020 period. On a net basis, that equates to all the job openings in this skill category. 55% of these openings are due to retirements and 45% are due to economic activity.

Estimated annual wages in 2016 for the top 15 occupations range from \$24,300 to \$56,800 compared to the provincial median wage of \$56,600.

Occupations with the most job openings that require:
High School Completion

A total of 89 occupations typically require high school completion or some secondary school education with up to two years of on-the-job training or specific work experience.

The top 15 occupations with the most job openings in this skill category range from administrative, transport, sales and service to educational, health, and home care related occupations.

18,030 job openings are forecasted for these 15 occupations, 71% of the total number of job openings in this skill category. Nearly two-thirds of these openings are due to retirements and over a third are due to economic activity.

Estimated annual wages in 2016 for the top 15 occupations range from \$21,000 to \$65,300 compared to the provincial median wage of \$56,600.

NOC 2011	Top 15 occupations with the most job openings	Job openings	2016 wage estimate
6421	Retail salespersons	3,530	\$37,400
7511	Transport truck drivers	2,480	\$61,100
3413	Nurse aides, orderlies and patient service associates	1,990	\$42,900
1411	General office support workers	1,370	\$48,100
4413	Elementary and secondary school teacher assistants	1,190	\$35,400
7452	Material handlers	1,080	\$49,500
6411	Sales and account representatives – wholesale trade (non-technical)	1,000	\$65,300
1431	Accounting and related clerks	860	\$47,800
1414	Receptionists	820	\$36,300
1521	Shippers and receivers	720	\$43,100
6513	Food and beverage servers	710	\$21,000
6541	Security guards and related security service occupations	670	\$39,600
6552	Other customer and information services representatives	640	\$51,700
4412	Home support workers, housekeepers and related occupations	520	\$41,000
7514	Delivery and courier service drivers	450	\$39,500

Post-Secondary Certificate, Diploma and Apprenticeship

NOC 2011	Top 15 occupations with the most job openings	Job openings	2016 wage estimate
1221	Administrative officers	1,870	\$54,300
1241	Administrative assistants	1,750	\$47,200
6322	Cooks	1,370	\$29,800
4214	Early childhood educators and assistants	1,230	\$25,100
7237	Welders and related machine operators	1,110	\$68,300
1311	Accounting technicians and bookkeepers	860	\$47,400
4212	Social and community service workers	820	\$44,800
4311	Police officers (except commissioned)	640	\$111,500
7311	Construction millwrights and industrial mechanics	640	\$97,500
7321	Automotive service technicians, truck and bus mechanics and mechanical repairers	540	\$60,800
7312	Heavy-duty equipment mechanics	530	\$73,300
3233	Licensed practical nurses	510	\$59,200
6211	Retail sales supervisors	400	\$42,100
6221	Technical sales specialists – wholesale trade	390	\$76,000
6231	Insurance agents and brokers	350	\$57,500

A total of 181 occupations require two to three years of post-secondary education at a community or technical college or two to five years of apprenticeship training.

The top 15 occupations with the most job openings in this higher-skilled category span across the trades, sales and services, accounting and administration, education, health and social services related occupations.

13,010 job openings are forecasted for these 15 occupations; 53% of the total number of job openings in this category. Seven out of every 10 job openings are due to an expected need to replace retiring workers; the remaining job openings are due to economic activity.

Estimated annual wages in 2016 for the top 15 occupations range from \$25,100 to \$111,500 compared to the provincial median wage of \$56,600.

Occupations with the most job openings that require:

University Degree

A total of 79 occupations require a university degree (i.e. bachelor's, master's or doctorate).

The top 15 occupations with the most job openings in this high-skilled category are mostly related to education, health, IT, finance and accounting.

11,230 job openings are forecasted for these 15 professional occupations, 71% of the total number of job openings in this skill category. Six out of every 10 job openings are due to expected replacement of retirees and the remainder are due to economic activity.

Estimated annual wages in 2016 for the top 15 occupations range from \$51,500 to \$137,800 compared to the provincial median wage of \$56,600.

NOC 2011	Top 15 occupations with the most job openings	Job openings	2016 wage estimate
3012	Registered nurses and registered psychiatric nurses	3,050	\$90,900
4032	Elementary school and kindergarten teachers	2,680	\$75,800
1111	Financial auditors and accountants	980	\$72,800
4031	Secondary school teachers	880	\$80,700
4021	College and other vocational instructors	570	\$80,900
2171	Information systems analysts and consultants	430	\$92,500
4011	University professors and lecturers	400	\$115,900
1114	Other financial officers	360	\$76,300
4152	Social workers	300	\$68,100
1122	Professional occupations in business management consulting	290	\$76,700
4154	Professional occupations in religion	290	\$51,500
4112	Lawyers and Quebec notaries	270	\$137,800
1121	Human resources professionals	250	\$69,300
2174	Computer programmers and interactive media developers	250	\$77,800
2131	Civil engineers	230	\$107,200

Management

NOC 2011	Top 15 occupations with the most job openings	Job openings	2016 wage estimate
0821	Managers in agriculture	3,330	\$26,300
0621	Retail and wholesale trade managers	2,960	\$58,500
0631	Restaurant and food service managers	860	\$40,400
0911	Manufacturing managers	610	\$77,900
0422	School principals and administrators of elementary and secondary education	550	\$104,900
0111	Financial managers	480	\$85,900
0122	Banking, credit and other investment managers	470	\$77,100
0601	Corporate sales managers	460	\$104,400
0714	Facility operation and maintenance managers	390	\$69,200
0311	Managers in health care	340	\$94,300
0112	Human resources managers	310	\$93,300
0423	Managers in social, community and correctional services	290	\$62,800
0014	Senior managers – health, education, social and community services and membership organizations	260	\$89,400
0121	Insurance, real estate and financial brokerage managers	250	\$97,000
0013	Senior managers – financial, communications and other business services	250	\$148,100

A total of 45 senior and middle management occupations require high levels of responsibility, accountability and subject matter expertise. Expertise is acquired through either formal education or extensive occupational experience.

The top 15 management occupations with the most job openings span across finance, insurance, sales and services, education, social services and agriculture (i.e. farmers).

11,810 job openings are forecasted for these 15 occupations, 81% of the total job openings for this skill category. Retirements are the main driver for all of these job openings.

Estimated annual wages in 2016 for the top 15 occupations range from \$26,300 to \$148,100 compared to the provincial median of \$56,600.

For current job opportunities in these occupations visit SaskJobs.ca

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- Post job openings
- Search the resume bank to look for prospective employees



Job Outlooks and Wages for 420 Occupations

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NOC 2011	Occupation title	Skill level	2016 estimated employment	2016 wage estimate	Outlook 2016-2020	
					Job outlook	Net job openings
Management occupations						
0011	Legislators	Mgt	310	\$58,800	Fair	100
0012	Senior government managers and officials	Mgt	510	\$88,200	Fair	150
0013	Senior managers – financial, communications and other business services	Mgt	840	\$148,100	Fair	250
0014	Senior managers – health, education, social and community services and membership organizations	Mgt	1,110	\$89,400	Fair	260
0015	Senior managers – trade, broadcasting and other services, n.e.c.	Mgt	830	\$104,200	Fair	210
0016	Senior managers – construction, transportation, production and utilities	Mgt	810	\$156,800	Fair	110
0111	Financial managers	Mgt	1,950	\$85,900	Fair	480
0112	Human resources managers	Mgt	1,200	\$93,300	Fair	310
0113	Purchasing managers	Mgt	100	\$94,600	Fair	30
0114	Other administrative services managers	Mgt	590	\$84,500	Fair	160
0121	Insurance, real estate and financial brokerage managers	Mgt	1,280	\$97,000	Fair	250
0122	Banking, credit and other investment managers	Mgt	2,010	\$77,100	Fair	470
0124	Advertising, marketing and public relations managers	Mgt	1,060	\$88,300	Fair	190
0125	Other business services managers	Mgt	170	\$80,500	Fair	50
0131	Telecommunication carriers managers	Mgt	200	\$117,000	Fair	10
0132	Postal and courier services managers	Mgt	110	\$81,100	Fair	20
0211	Engineering managers	Mgt	280	\$116,400	Fair	90
0212	Architecture and science managers	Mgt	200	\$89,900	Fair	50
0213	Computer and information systems managers	Mgt	830	\$107,400	Good	180
0311	Managers in health care	Mgt	1,190	\$94,300	Good	340
0411	Government managers – health and social policy development and program administration	Mgt	130	\$109,100	Good	40
0412	Government managers – economic analysis, policy development and program administration	Mgt	140	\$114,100	Fair	40
0414	Other managers in public administration	Mgt	110	\$107,700	Fair	30
0421	Administrators – post-secondary education and vocational training	Mgt	430	\$83,200	Fair	90
0422	School principals and administrators of elementary and secondary education	Mgt	1,600	\$104,900	Good	550
0423	Managers in social, community and correctional services	Mgt	1,110	\$62,800	Good	290
0432	Fire chiefs and senior firefighting officers	Mgt	60	\$120,600	Fair	20
0433	Commissioned officers of the Canadian Forces	Mgt	290	\$91,600	Fair	60
0511	Library, archive, museum and art gallery managers	Mgt	50	\$67,100	Good	30
0512	Managers – publishing, motion pictures, broadcasting and performing arts	Mgt	210	\$68,800	Good	90
0513	Recreation, sports and fitness program and service directors	Mgt	550	\$53,100	Fair	100
0601	Corporate sales managers	Mgt	1,690	\$104,400	Fair	460
0621	Retail and wholesale trade managers	Mgt	12,020	\$58,500	Good	2,960
0631	Restaurant and food service managers	Mgt	4,490	\$40,400	Fair	860
0632	Accommodation service managers	Mgt	700	\$46,000	Fair	150
0651	Managers in customer and personal services, n.e.c.	Mgt	970	\$46,900	Fair	160
0711	Construction managers	Mgt	3,110	\$97,700	Limited	230
0712	Home building and renovation managers	Mgt	1,650	\$40,100	Fair	-80
0714	Facility operation and maintenance managers	Mgt	1,840	\$69,200	Fair	390
0731	Managers in transportation	Mgt	690	\$75,500	Fair	160
0811	Managers in natural resources production and fishing	Mgt	820	\$143,900	Fair	90
0821	Managers in agriculture	Mgt	27,410	\$26,300	Fair	3,330
0822	Managers in horticulture	Mgt	150	\$80,500	Good	20
0911	Manufacturing managers	Mgt	1,780	\$77,900	Good	610
0912	Utilities managers	Mgt	360	\$117,100	Good	120
Business, finance and administration occupations						
1111	Financial auditors and accountants	Univ	5,110	\$72,800	Fair	980
1112	Financial and investment analysts	Univ	590	\$77,800	Fair	90
1113	Securities agents, investment dealers and brokers	Univ	180	\$75,300	Fair	30
1114	Other financial officers	Univ	2,240	\$76,300	Fair	360
1121	Human resources professionals	Univ	1,430	\$69,300	Fair	250
1122	Professional occupations in business management consulting	Univ	1,250	\$76,700	Fair	290

NOC 2011	Occupation title	Skill level	2016 estimated employment	2016 wage estimate	Outlook 2016-2020	
					Job outlook	Net job openings
1123	Professional occupations in advertising, marketing and public relations	Univ	1,220	\$58,300	Fair	160
1211	Supervisors, general office and administrative support workers	PS	160	\$72,300	Good	50
1212	Supervisors, finance and insurance office workers	PS	220	\$72,200	Good	60
1213	Supervisors, library, correspondence and related information workers	PS	140	\$72,900	Good	50
1214	Supervisors, mail and message distribution occupations	PS	660	\$56,000	Good	170
1215	Supervisors, supply chain, tracking and scheduling co-ordination occupations	PS	940	\$57,700	Fair	270
1221	Administrative officers	PS	8,380	\$54,300	Good	1,870
1222	Executive assistants	PS	990	\$60,500	Good	230
1223	Human resources and recruitment officers	PS	310	\$54,300	Fair	50
1224	Property administrators	PS	1,630	\$47,300	Good	320
1225	Purchasing agents and officers	PS	1,460	\$66,600	Fair	310
1226	Conference and event planners	PS	310	\$49,300	Fair	40
1227	Court officers and justices of the peace	PS	120	\$73,300	Good	30
1228	Employment insurance, immigration, border services and revenue officers	PS	440	\$83,300	Good	120
1241	Administrative assistants	PS	10,260	\$47,200	Good	1,750
1242	Legal administrative assistants	PS	990	\$50,800	Fair	220
1243	Medical administrative assistants	PS	170	\$46,500	Fair	20
1251	Court reporters, medical transcriptionists and related occupations	PS	500	\$44,000	Good	120
1252	Health information management occupations	PS	210	\$52,200	Good	60
1253	Records management technicians	PS	80	\$53,000	Fair	10
1311	Accounting technicians and bookkeepers	PS	5,150	\$47,400	Fair	860
1312	Insurance adjusters and claims examiners	PS	1,230	\$69,000	Fair	260
1313	Insurance underwriters	PS	520	\$75,700	Fair	110
1314	Assessors, valuers and appraisers	PS	340	\$80,300	Fair	50
1411	General office support workers	HS	7,690	\$48,100	Limited	1,370
1414	Receptionists	HS	5,670	\$36,300	Limited	820
1415	Personnel clerks	HS	220	\$68,900	Limited	40
1416	Court clerks	HS	60	\$39,900	Limited	10
1422	Data entry clerks	HS	1,190	\$46,400	Limited	250
1431	Accounting and related clerks	HS	4,230	\$47,800	Limited	860
1432	Payroll clerks	HS	910	\$56,700	Limited	190
1434	Banking, insurance and other financial clerks	HS	840	\$54,100	Limited	160
1435	Collectors	HS	220	\$56,500	Limited	40
1451	Library assistants and clerks	HS	390	\$46,500	Limited	120
1452	Correspondence, publication and regulatory clerks	HS	580	\$52,500	Limited	140
1454	Survey interviewers and statistical clerks	HS	1,210	\$56,100	Fair	370
1511	Mail, postal and related workers	HS	1,210	\$60,800	Fair	210
1512	Letter carriers	HS	880	\$67,400	Fair	130
1513	Couriers, messengers and door-to-door distributors	HS	1,220	\$59,500	Fair	330
1521	Shippers and receivers	HS	3,290	\$43,100	Fair	720
1522	Storekeepers and parts persons	HS	2,540	\$49,400	Fair	380
1523	Production logistics coordinators	HS	440	\$62,000	Fair	90
1524	Purchasing and inventory control workers	HS	580	\$49,400	Fair	110
1525	Dispatchers	HS	1,110	\$58,000	Fair	150
1526	Transportation route and crew schedulers	HS	90	\$63,800	Fair	10
Natural and applied sciences and related occupations						
2112	Chemists	Univ	140	\$80,900	Fair	20
2113	Geoscientists and oceanographers	Univ	490	\$121,900	Fair	80
2121	Biologists and related scientists	Univ	820	\$81,600	Fair	150
2123	Agricultural representatives, consultants and specialists	Univ	800	\$78,400	Fair	130
2131	Civil engineers	Univ	1,330	\$107,200	Fair	230
2132	Mechanical engineers	Univ	840	\$103,500	Fair	190
2133	Electrical and electronics engineers	Univ	940	\$103,400	Fair	200
2134	Chemical engineers	Univ	130	\$108,100	Fair	30
2141	Industrial and manufacturing engineers	Univ	210	\$92,900	Fair	50
2143	Mining engineers	Univ	290	\$120,600	Limited	50
2144	Geological engineers	Univ	110	\$120,000	Fair	20
2145	Petroleum engineers	Univ	150	\$149,000	Limited	-20

NOC 2011	Occupation title	Skill level	2016 estimated employment	2016 wage estimate	Outlook 2016-2020	
					Job outlook	Net job openings
2147	Computer engineers (except software engineers and designers)	Univ	270	\$105,200	Fair	20
2148	Other professional engineers, n.e.c.	Univ	160	\$128,200	Fair	40
2151	Architects	Univ	180	\$84,000	Good	50
2153	Urban and land use planners	Univ	150	\$72,400	Good	40
2154	Land surveyors	Univ	270	\$98,200	Fair	60
2161	Mathematicians, statisticians and actuaries	Univ	140	\$105,100	Good	20
2171	Information systems analysts and consultants	Univ	2,450	\$92,500	Good	430
2172	Database analysts and data administrators	Univ	170	\$85,400	Fair	30
2173	Software engineers and designers	Univ	200	\$94,600	Fair	20
2174	Computer programmers and interactive media developers	Univ	1,730	\$77,800	Fair	250
2175	Web designers and developers	Univ	390	\$52,600	Fair	50
2211	Chemical technologists and technicians	PS	640	\$62,700	Fair	140
2212	Geological and mineral technologists and technicians	PS	510	\$87,500	Fair	100
2221	Biological technologists and technicians	PS	380	\$75,900	Good	100
2222	Agricultural and fish products inspectors	PS	130	\$71,600	Good	30
2223	Forestry technologists and technicians	PS	110	\$62,200	Fair	10
2224	Conservation and fishery officers	PS	190	\$79,500	Fair	40
2225	Landscape and horticulture technicians and specialists	PS	240	\$55,400	Good	60
2231	Civil engineering technologists and technicians	PS	540	\$67,500	Fair	100
2232	Mechanical engineering technologists and technicians	PS	270	\$91,900	Fair	80
2233	Industrial engineering and manufacturing technologists and technicians	PS	170	\$72,000	Fair	10
2234	Construction estimators	PS	310	\$76,100	Limited	20
2241	Electrical and electronics engineering technologists and technicians	PS	1,200	\$83,300	Fair	190
2242	Electronic service technicians (household and business equipment)	PS	1,160	\$54,500	Fair	260
2243	Industrial instrument technicians and mechanics	PS	520	\$110,300	Fair	60
2244	Aircraft instrument, electrical and avionics mechanics, technicians and inspectors	PS	120	\$81,800	Fair	20
2251	Architectural technologists and technicians	PS	180	\$64,100	Fair	30
2253	Drafting technologists and technicians	PS	1,010	\$67,200	Fair	180
2254	Land survey technologists and technicians	PS	100	\$60,500	Fair	20
2255	Technical occupations in geomatics and meteorology	PS	140	\$78,100	Good	40
2261	Non-destructive testers and inspection technicians	PS	260	\$91,400	Fair	50
2263	Inspectors in public and environmental health and occupational health and safety	PS	1,360	\$83,100	Fair	210
2264	Construction inspectors	PS	290	\$83,600	Fair	60
2271	Air pilots, flight engineers and flying instructors	PS	390	\$76,500	Fair	20
2272	Air traffic controllers and related occupations	PS	100	\$83,100	Fair	0
2273	Deck officers, water transport	PS	60	\$52,100	Good	20
2281	Computer network technicians	PS	1,370	\$73,300	Fair	180
2282	User support technicians	PS	900	\$61,700	Fair	110
Health occupations						
3011	Nursing co-ordinators and supervisors	Univ	270	\$92,100	Fair	80
3012	Registered nurses and registered psychiatric nurses	Univ	15,030	\$90,900	Fair	3,050
3111	Specialist physicians	Univ	1,080	\$155,500	Fair	140
3112	General practitioners and family physicians	Univ	1,270	\$151,500	Fair	140
3113	Dentists	Univ	380	\$165,100	Fair	40
3114	Veterinarians	Univ	330	\$94,500	Fair	60
3121	Optometrists	Univ	160	\$107,900	Fair	20
3122	Chiropractors	Univ	190	\$79,300	Fair	30
3124	Allied primary health practitioners	Univ	190	\$129,300	Good	40
3125	Other professional occupations in health diagnosing and treating	Univ	50	\$109,900	Fair	10
3131	Pharmacists	Univ	1,260	\$117,800	Fair	110
3132	Dietitians and nutritionists	Univ	330	\$73,400	Fair	40
3141	Audiologists and speech-language pathologists	Univ	240	\$88,000	Good	40
3142	Physiotherapists	Univ	920	\$74,600	Good	120
3143	Occupational therapists	Univ	360	\$71,500	Good	50
3144	Other professional occupations in therapy and assessment	Univ	300	\$58,600	Fair	30
3211	Medical laboratory technologists	PS	810	\$71,300	Good	200
3212	Medical laboratory technicians and pathologists' assistants	PS	780	\$66,100	Fair	170
3213	Animal health technologists and veterinary technicians	PS	370	\$40,900	Fair	60

NOC 2011	Occupation title	Skill level	2016 estimated employment	2016 wage estimate	Outlook 2016-2020	
					Job outlook	Net job openings
3214	Respiratory therapists, clinical perfusionists and cardiopulmonary technologists	PS	240	\$82,400	Good	50
3215	Medical radiation technologists	PS	680	\$75,200	Fair	130
3216	Medical sonographers	PS	160	\$77,900	Good	30
3217	Cardiology technologists and electrophysiological diagnostic technologists, n.e.c.	PS	110	\$78,400	Good	20
3219	Other medical technologists and technicians (except dental health)	PS	1,230	\$40,200	Fair	130
3221	Denturists	PS	100	\$41,200	Fair	10
3222	Dental hygienists and dental therapists	PS	700	\$71,900	Fair	60
3223	Dental technologists, technicians and laboratory assistants	PS	80	\$45,700	Limited	-20
3231	Opticians	PS	390	\$47,500	Fair	50
3232	Practitioners of natural healing	PS	180	\$72,900	Fair	30
3233	Licensed practical nurses	PS	2,550	\$59,200	Fair	510
3234	Paramedical occupations	PS	1,160	\$72,300	Fair	110
3236	Massage therapists	PS	960	\$41,900	Fair	70
3237	Other technical occupations in therapy and assessment	PS	240	\$48,500	Fair	40
3411	Dental assistants	HS	840	\$45,300	Fair	40
3413	Nurse aides, orderlies and patient service associates	HS	9,980	\$42,900	Good	1,990
3414	Other assisting occupations in support of health services	HS	1,000	\$39,800	Fair	150
Occupations in education, law and social, community and government services						
4011	University professors and lecturers	Univ	2,240	\$115,900	Fair	400
4012	Post-secondary teaching and research assistants	Univ	1,950	\$32,400	Limited	130
4021	College and other vocational instructors	Univ	3,270	\$80,900	Fair	570
4031	Secondary school teachers	Univ	4,990	\$80,700	Fair	880
4032	Elementary school and kindergarten teachers	Univ	10,200	\$75,800	Good	2,680
4033	Educational counsellors	Univ	720	\$66,400	Fair	160
4111	Judges	Univ	100	\$267,700	Fair	30
4112	Lawyers and Quebec notaries	Univ	1,390	\$137,800	Fair	270
4151	Psychologists	Univ	390	\$96,700	Fair	80
4152	Social workers	Univ	1,740	\$68,100	Fair	300
4153	Family, marriage and other related counsellors	Univ	1,130	\$58,100	Fair	200
4154	Professional occupations in religion	Univ	1,710	\$51,500	Fair	290
4155	Probation and parole officers and related occupations	Univ	280	\$78,100	Fair	60
4156	Employment counsellors	Univ	500	\$64,600	Fair	100
4161	Natural and applied science policy researchers, consultants and program officers	Univ	700	\$80,700	Fair	150
4162	Economists and economic policy researchers and analysts	Univ	210	\$84,300	Fair	40
4163	Business development officers and marketing researchers and consultants	Univ	850	\$68,200	Fair	140
4164	Social policy researchers, consultants and program officers	Univ	550	\$63,700	Fair	110
4165	Health policy researchers, consultants and program officers	Univ	840	\$76,700	Fair	180
4166	Education policy researchers, consultants and program officers	Univ	760	\$69,800	Fair	170
4167	Recreation, sports and fitness policy researchers, consultants and program officers	Univ	400	\$49,800	Fair	70
4168	Program officers unique to government	Univ	400	\$71,100	Good	130
4169	Other professional occupations in social science, n.e.c.	Univ	60	\$71,000	Fair	10
4211	Paralegal and related occupations	PS	270	\$51,900	Fair	70
4212	Social and community service workers	PS	4,640	\$44,800	Good	820
4214	Early childhood educators and assistants	PS	7,120	\$25,100	Good	1,230
4215	Instructors of persons with disabilities	PS	260	\$54,300	Fair	40
4216	Other instructors	PS	550	\$48,500	Fair	100
4217	Other religious occupations	PS	170	\$36,000	Fair	30
4311	Police officers (except commissioned)	PS	2,120	\$111,500	Good	640
4312	Firefighters	PS	680	\$106,100	Good	200
4313	Non-commissioned ranks of the Canadian Forces	PS	360	\$76,100	Good	80
4411	Home child care providers	HS	2,130	\$19,000	Fair	330
4412	Home support workers, housekeepers and related occupations	HS	2,610	\$41,000	Fair	520
4413	Elementary and secondary school teacher assistants	HS	4,970	\$35,400	Good	1,190
4421	Sheriffs and bailiffs	HS	110	\$65,200	Fair	30
4422	Correctional service officers	HS	1,560	\$81,900	Good	350
4423	By-law enforcement and other regulatory officers, n.e.c.	HS	110	\$53,000	Fair	30
Occupations in art, culture, recreation and sport						
5111	Librarians	Univ	450	\$66,500	Good	190

NOC 2011	Occupation title	Skill level	2016 estimated employment	2016 wage estimate	Outlook 2016-2020	
					Job outlook	Net job openings
5121	Authors and writers	Univ	400	\$49,400	Fair	0
5122	Editors	Univ	210	\$58,400	Good	80
5123	Journalists	Univ	340	\$57,600	Good	130
5131	Producers, directors, choreographers and related occupations	Univ	410	\$52,100	Fair	90
5132	Conductors, composers and arrangers	Univ	50	n.a.	Fair	-10
5133	Musicians and singers	Univ	800	\$28,600	Fair	10
5134	Dancers	Univ	140	\$25,000	Fair	10
5135	Actors and comedians	Univ	90	\$46,700	Limited	-20
5136	Painters, sculptors and other visual artists	Univ	250	\$12,800	Fair	-20
5211	Library and public archive technicians	PS	550	\$46,100	Fair	170
5212	Technical occupations related to museums and art galleries	PS	80	\$44,300	Limited	20
5221	Photographers	PS	300	\$37,700	Fair	70
5224	Broadcast technicians	PS	70	\$66,900	Fair	10
5225	Audio and video recording technicians	PS	210	\$46,700	Fair	30
5227	Support occupations in motion pictures, broadcasting, photography and the performing arts	PS	50	\$39,300	Fair	10
5231	Announcers and other broadcasters	PS	250	\$49,700	Good	110
5232	Other performers, n.e.c.	PS	60	\$47,400	Limited	0
5241	Graphic designers and illustrators	PS	580	\$39,600	Fair	120
5242	Interior designers and interior decorators	PS	240	\$49,700	Fair	60
5243	Theatre, fashion, exhibit and other creative designers	PS	90	\$35,900	Fair	30
5244	Artisans and crafts persons	PS	360	\$33,100	Fair	70
5252	Coaches	PS	250	\$37,700	Limited	-10
5253	Sports officials and referees	PS	90	n.a.	Limited	0
5254	Program leaders and instructors in recreation, sport and fitness	PS	1,680	\$28,400	Limited	120
Sales and service occupations						
6211	Retail sales supervisors	PS	2,090	\$42,100	Fair	400
6221	Technical sales specialists – wholesale trade	PS	1,700	\$76,000	Fair	390
6222	Retail and wholesale buyers	PS	390	\$39,500	Fair	70
6231	Insurance agents and brokers	PS	1,950	\$57,500	Fair	350
6232	Real estate agents and salespersons	PS	1,230	\$59,600	Fair	140
6235	Financial sales representatives	PS	1,940	\$57,400	Fair	290
6311	Food service supervisors	PS	1,430	\$37,100	Fair	210
6312	Executive housekeepers	PS	150	\$38,400	Fair	40
6313	Accommodation, travel, tourism and related services supervisors	PS	350	\$55,600	Fair	50
6314	Customer and information services supervisors	PS	280	\$58,300	Fair	70
6315	Cleaning supervisors	PS	180	\$49,100	Good	60
6316	Other services supervisors	PS	310	\$40,600	Good	70
6321	Chefs	PS	1,040	\$37,800	Fair	150
6322	Cooks	PS	8,860	\$29,800	Good	1,370
6331	Butchers, meat cutters and fishmongers – retail and wholesale	PS	650	\$42,900	Fair	150
6332	Bakers	PS	1,150	\$34,000	Fair	250
6341	Hairstylists and barbers	PS	3,720	\$27,000	Fair	310
6342	Tailors, dressmakers, furriers and milliners	PS	110	\$29,300	Fair	10
6344	Jewellers, jewellery and watch repairers and related occupations	PS	120	\$45,800	Good	30
6345	Upholsterers	PS	80	\$27,700	Fair	20
6346	Funeral directors and embalmers	PS	130	\$44,800	Fair	20
6411	Sales and account representatives – wholesale trade (non-technical)	HS	3,540	\$65,300	Good	1,000
6421	Retail salespersons	HS	20,710	\$37,400	Fair	3,530
6511	Maîtres d'hôtel and hosts/hostesses	HS	840	\$23,200	Limited	70
6512	Bartenders	HS	1,200	\$24,600	Limited	110
6513	Food and beverage servers	HS	7,280	\$21,000	Limited	710
6521	Travel counsellors	HS	420	\$42,300	Fair	120
6523	Airline ticket and service agents	HS	390	\$43,300	Limited	-10
6525	Hotel front desk clerks	HS	1,230	\$29,800	Limited	190
6532	Outdoor sport and recreational guides	HS	120	\$43,000	Limited	30
6533	Casino occupations	HS	590	\$39,600	Limited	90
6541	Security guards and related security service occupations	HS	2,850	\$39,600	Fair	670

NOC 2011	Occupation title	Skill level	2016 estimated employment	2016 wage estimate	Outlook 2016-2020	
					Job outlook	Net job openings
6551	Customer services representatives – financial institutions	HS	2,950	\$41,300	Limited	380
6552	Other customer and information services representatives	HS	4,180	\$51,700	Limited	640
6561	Image, social and other personal consultants	HS	120	\$34,000	Limited	20
6562	Estheticians, electrologists and related occupations	HS	1,090	\$33,400	Limited	80
6563	Pet groomers and animal care workers	HS	510	\$29,400	Limited	50
6611	Cashiers	LHS	9,440	\$26,200	Fair	1,550
6621	Service station attendants	LHS	1,920	\$24,300	Fair	270
6622	Store shelf stockers, clerks and order fillers	LHS	5,210	\$31,700	Good	850
6623	Other sales related occupations	LHS	770	\$42,700	Fair	160
6711	Food counter attendants, kitchen helpers and related support occupations	LHS	10,800	\$25,800	Fair	1,090
6722	Operators and attendants in amusement, recreation and sport	LHS	850	\$40,900	Fair	110
6731	Light duty cleaners	LHS	8,180	\$32,500	Fair	1,660
6732	Specialized cleaners	LHS	2,060	\$39,200	Fair	160
6733	Janitors, caretakers and building superintendents	LHS	9,520	\$40,900	Fair	1,980
6741	Dry cleaning, laundry and related occupations	LHS	1,040	\$33,200	Fair	220
6742	Other service support occupations, n.e.c.	LHS	750	\$27,900	Fair	120
Trades, transport and equipment operators and related occupations						
7201	Contractors and supervisors, machining, metal forming, shaping and erecting trades and	PS	820	\$87,400	Fair	210
7202	Contractors and supervisors, electrical trades and telecommunications occupations	PS	540	\$110,200	Fair	60
7203	Contractors and supervisors, pipefitting trades	PS	270	\$85,100	Fair	20
7204	Contractors and supervisors, carpentry trades	PS	660	\$79,700	Fair	30
7205	Contractors and supervisors, other construction trades, installers, repairers and servicers	PS	760	\$73,200	Fair	20
7231	Machinists and machining and tooling inspectors	PS	1,090	\$60,200	Fair	320
7233	Sheet metal workers	PS	870	\$61,400	Fair	-10
7234	Boilermakers	PS	80	\$111,700	Fair	10
7235	Structural metal and plate work fabricators and fitters	PS	130	\$74,200	Fair	30
7236	Ironworkers	PS	910	\$89,100	Limited	80
7237	Welders and related machine operators	PS	5,890	\$68,300	Fair	1,110
7241	Electricians (except industrial and power system)	PS	3,680	\$65,300	Fair	-160
7242	Industrial electricians	PS	1,600	\$111,000	Fair	260
7243	Power system electricians	PS	90	\$112,400	Fair	20
7244	Electrical power line and cable workers	PS	950	\$122,900	Fair	140
7245	Telecommunications line and cable workers	PS	380	\$83,500	Fair	10
7246	Telecommunications installation and repair workers	PS	830	\$79,400	Fair	60
7251	Plumbers	PS	2,690	\$61,700	Limited	-140
7252	Steamfitters, pipefitters and sprinkler system installers	PS	1,080	\$87,400	Fair	-30
7253	Gas fitters	PS	140	\$97,700	Fair	30
7271	Carpenters	PS	9,250	\$50,700	Limited	-670
7272	Cabinetmakers	PS	580	\$41,900	Fair	100
7281	Bricklayers	PS	530	\$50,700	Fair	-30
7282	Concrete finishers	PS	300	\$70,400	Fair	-20
7283	Tilesetters	PS	110	\$45,000	Limited	-10
7284	Plasterers, drywall installers and finishers and lathers	PS	1,330	\$42,200	Limited	-100
7291	Roofers and shinglers	PS	720	\$54,000	Limited	-90
7292	Glaziers	PS	550	\$49,900	Fair	20
7293	Insulators	PS	200	\$90,600	Limited	-10
7294	Painters and decorators (except interior decorators)	PS	1,630	\$50,400	Limited	-70
7295	Floor covering installers	PS	780	\$44,900	Fair	-10
7301	Contractors and supervisors, mechanic trades	PS	740	\$79,600	Fair	130
7302	Contractors and supervisors, heavy equipment operator crews	PS	2,050	\$87,800	Fair	170
7304	Supervisors, railway transport operations	PS	200	\$97,800	Fair	80
7305	Supervisors, motor transport and other ground transit operators	PS	230	\$67,600	Fair	40
7311	Construction millwrights and industrial mechanics	PS	3,020	\$97,500	Good	640
7312	Heavy-duty equipment mechanics	PS	3,190	\$73,300	Fair	530
7313	Refrigeration and air conditioning mechanics	PS	480	\$68,400	Fair	-30
7314	Railway carmen/women	PS	80	\$79,800	Good	30
7315	Aircraft mechanics and aircraft inspectors	PS	390	\$62,600	Fair	10

NOC 2011	Occupation title	Skill level	2016 estimated employment	2016 wage estimate	Outlook 2016-2020	
					Job outlook	Net job openings
7316	Machine fitters	PS	190	\$82,500	Good	40
7318	Elevator constructors and mechanics	PS	80	\$46,900	Fair	-10
7321	Automotive service technicians, truck and bus mechanics and mechanical repairers	PS	5,160	\$60,800	Fair	540
7322	Motor vehicle body repairers	PS	1,370	\$53,400	Fair	120
7332	Appliance servicers and repairers	PS	170	\$57,000	Good	30
7334	Motorcycle, all-terrain vehicle and other related mechanics	PS	100	\$59,300	Fair	0
7335	Other small engine and small equipment repairers	PS	170	\$25,300	Good	30
7361	Railway and yard locomotive engineers	PS	610	\$124,700	Good	270
7362	Railway conductors and brakemen/women	PS	720	\$82,300	Good	280
7371	Crane operators	PS	580	\$90,900	Fair	50
7372	Drillers and blasters – surface mining, quarrying and construction	PS	100	\$51,500	Fair	0
7381	Printing press operators	PS	100	\$50,100	Good	30
7384	Other trades and related occupations, n.e.c.	PS	160	\$46,800	Good	40
7441	Residential and commercial installers and servicers	HS	1,030	\$49,700	Fair	40
7442	Waterworks and gas maintenance workers	HS	440	\$58,400	Good	90
7444	Pest controllers and fumigators	HS	70	\$50,100	Good	20
7445	Other repairers and servicers	HS	430	\$44,000	Fair	100
7452	Material handlers	HS	5,410	\$49,500	Fair	1,080
7511	Transport truck drivers	HS	13,740	\$61,100	Fair	2,480
7512	Bus drivers, subway operators and other transit operators	HS	2,620	\$54,600	Fair	300
7513	Taxi and limousine drivers and chauffeurs	HS	1,010	\$23,600	Limited	10
7514	Delivery and courier service drivers	HS	2,560	\$39,500	Fair	450
7521	Heavy equipment operators (except crane)	HS	6,150	\$66,900	Fair	0
7522	Public works maintenance equipment operators and related workers	HS	580	\$54,500	Fair	100
7531	Railway yard and track maintenance workers	HS	370	\$74,200	Good	160
7534	Air transport ramp attendants	HS	310	\$38,900	Limited	-30
7535	Other automotive mechanical installers and servicers	HS	810	\$43,600	Limited	0
7611	Construction trades helpers and labourers	LHS	7,690	\$45,500	Limited	-610
7612	Other trades helpers and labourers	LHS	670	\$44,000	Fair	60
7621	Public works and maintenance labourers	LHS	880	\$56,800	Fair	180
7622	Railway and motor transport labourers	LHS	150	\$59,800	Good	50
Natural resources, agriculture and related production occupations						
8221	Supervisors, mining and quarrying	PS	860	\$119,000	Fair	190
8222	Contractors and supervisors, oil and gas drilling and services	PS	1,370	\$129,000	Limited	-130
8231	Underground production and development miners	PS	1,810	\$101,300	Limited	210
8232	Oil and gas well drillers, servicers, testers and related workers	PS	1,280	\$85,300	Limited	-290
8241	Logging machinery operators	PS	250	\$55,100	Limited	50
8252	Agricultural service contractors, farm supervisors and specialized livestock workers	PS	750	\$42,900	Fair	-40
8255	Contractors and supervisors, landscaping, grounds maintenance and horticulture services	PS	500	\$58,100	Limited	70
8411	Underground mine service and support workers	HS	170	\$96,500	Limited	20
8412	Oil and gas well drilling and related workers and services operators	HS	990	\$90,800	Limited	-200
8421	Chain saw and skidder operators	HS	190	\$48,600	Limited	40
8422	Silviculture and forestry workers	HS	390	\$53,700	Fair	70
8431	General farm workers	HS	8,070	\$30,000	Fair	20
8432	Nursery and greenhouse workers	HS	360	\$16,200	Fair	10
8611	Harvesting labourers	LHS	130	\$25,700	Fair	0
8612	Landscaping and grounds maintenance labourers	LHS	2,930	\$41,900	Fair	510
8614	Mine labourers	LHS	530	\$81,700	Limited	70
8615	Oil and gas drilling, servicing and related labourers	LHS	1,700	\$59,200	Limited	-300
8616	Logging and forestry labourers	LHS	70	\$37,600	Fair	0
Occupations in manufacturing and utilities						
9211	Supervisors, mineral and metal processing	PS	180	\$94,200	Fair	60
9212	Supervisors, petroleum, gas and chemical processing and utilities	PS	870	\$125,200	Fair	220
9213	Supervisors, food, beverage and associated products processing	PS	190	\$67,400	Fair	70
9215	Supervisors, forest products processing	PS	240	\$75,800	Good	110
9226	Supervisors, other mechanical and metal products manufacturing	PS	130	\$65,600	Fair	50
9231	Central control and process operators, mineral and metal processing	PS	220	\$86,600	Fair	50
9232	Petroleum, gas and chemical process operators	PS	1,950	\$99,000	Limited	-130

NOC 2011	Occupation title	Skill level	2016 estimated employment	2016 wage estimate	Outlook 2016-2020	
					Job outlook	Net job openings
9241	Power engineers and power systems operators	PS	1,650	\$100,400	Fair	320
9243	Water and waste treatment plant operators	PS	1,000	\$66,100	Fair	210
9411	Machine operators, mineral and metal processing	HS	230	\$77,500	Fair	70
9416	Metalworking and forging machine operators	HS	750	\$49,400	Fair	240
9417	Machining tool operators	HS	60	\$52,400	Fair	20
9418	Other metal products machine operators	HS	90	\$61,100	Fair	20
9422	Plastics processing machine operators	HS	70	\$52,600	Fair	40
9423	Rubber processing machine operators and related workers	HS	250	\$40,600	Fair	-20
9431	Sawmill machine operators	HS	120	\$26,800	Fair	50
9434	Other wood processing machine operators	HS	80	\$60,900	Good	30
9435	Paper converting machine operators	HS	70	n.a.	Fair	10
9446	Industrial sewing machine operators	HS	70	\$29,200	Fair	-30
9461	Process control and machine operators, food, beverage and associated products processing	HS	1,100	\$53,000	Fair	220
9462	Industrial butchers and meat cutters, poultry preparers and related workers	HS	300	\$39,200	Fair	90
9465	Testers and graders, food, beverage and associated products processing	HS	110	\$49,800	Fair	20
9474	Photographic and film processors	HS	160	\$35,500	Fair	30
9522	Motor vehicle assemblers, inspectors and testers	HS	120	\$45,400	Good	50
9523	Electronics assemblers, fabricators, inspectors and testers	HS	360	\$39,300	Fair	210
9524	Assemblers and inspectors, electrical appliance, apparatus and equipment manufacturing	HS	90	\$38,200	Fair	10
9526	Mechanical assemblers and inspectors	HS	520	\$49,700	Fair	190
9532	Furniture and fixture assemblers and inspectors	HS	160	\$42,600	Good	50
9533	Other wood products assemblers and inspectors	HS	870	\$48,500	Fair	320
9534	Furniture finishers and refinishers	HS	100	\$38,700	Fair	20
9536	Industrial painters, coaters and metal finishing process operators	HS	380	\$53,700	Fair	100
9537	Other products assemblers, finishers and inspectors	HS	100	\$33,500	Limited	20
9611	Labourers in mineral and metal processing	LHS	220	\$52,700	Fair	60
9612	Labourers in metal fabrication	LHS	260	\$71,100	Fair	70
9613	Labourers in chemical products processing and utilities	LHS	120	\$57,500	Fair	30
9614	Labourers in wood, pulp and paper processing	LHS	500	\$49,300	Good	180
9617	Labourers in food, beverage and associated products processing	LHS	1,430	\$40,700	Fair	350
9619	Other labourers in processing, manufacturing and utilities	LHS	840	\$39,300	Fair	190

Assumptions, Definitions and Methodology

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The forecast data is based on the Saskatchewan Ministry of Finance's 2016-17 budget assumptions and the Centre for Spatial Economics' Saskatchewan Occupational Modeling System (SOMS). Forecast data reflects current and anticipated future economic conditions at the time of the development of the forecast scenario (summer 2016). Changes in economic conditions, such as unforeseen fluctuations in global commodity prices or volatility in the currency exchange rate, may impact the forecast numbers. The forecast does not distinguish between full-time and part-time jobs, between employees and self-employed persons, and between seasonal-only and year-round labour demands.

Job outlooks (good, fair and limited) are assigned to each of the 420 occupations based on their employment prospects relative to the average of all occupations. Occupations are assessed numerically using a variety of labour market indicators such as changes in employment, unemployment rates, wages, hours worked, employment insurance beneficiaries, job vacancies, forecasted job openings due to economic growth and retirements. Other sources of labour market intelligence such as sector studies, survey results and consultations with sector specialists are also factored in.

Net job openings or opportunities equal expansion demand (new jobs openings generated through economic expansion) plus replacement demand (existing jobs expected to be vacated due to retirements or mortality that will require a replacement). Job openings are rounded to the nearest 10; numbers may not add up to totals due to rounding.

2016 estimated employment refers to the average number of people estimated to be employed in 2016.

2016 estimated wage refers to the median full-time, full-year wage estimated for 2016.