



SASKATCHEWAN WAGE SURVEY 2013: FORESTRY, FISHING, MINING, QUARRYING, OIL AND GAS INDUSTRY SUMMARY

BACKGROUND AND METHODOLOGY

The Ministry of the Economy contracted Inshtrix Research Inc. to undertake the 2013 Saskatchewan Wage Survey to determine detailed wage information and job vacancy rates for common occupations in Saskatchewan. What follows is a summary report and detailed information provided by employers in the Forestry, Fishing, Mining, Quarrying, Oil and Gas Industry. Data collection began on September 25, 2013, and ended December 31, 2013. Of the 1,544 employers who completed the 2013 Saskatchewan Wage Survey 2013, 201 operate in the Forestry, Fishing, Mining, Quarrying, Oil and Gas Industry representing 1,927 employees.

This report provides summary wage and job vacancy rate details for 44 occupations, based on data from *only* those employees who work within the Forestry, Fishing, Mining, Quarrying, Oil and Gas Industry. Detailed wage and job vacancy rate results for these occupations can be found in a separate supplementary Forestry, Fishing, Mining, Quarrying, Oil and Gas Industry report.

The Forestry, Mining, Quarrying, Oil and Gas Industry contains the following industry sectors and subsectors (and related industry codes) based on the North American Industry Classification System (NAICS 2007):

- 113 Forestry and Logging
 - 115 Support Activities for Agriculture and Forestry
 - 1153 Support Activities for Forestry
- 21 Mining, Quarrying, and Oil and Gas Extraction
 - 211 Oil and Gas Extraction
 - 212 Mining and Quarrying (except Oil and Gas)
 - 213 Support Activities for Mining and Oil and Gas Extraction

Details regarding the methodology and overall results for all occupations across all industries are contained in the *Saskatchewan Wage Survey Report 2013: Methodology* and the *Saskatchewan Wage Survey Report 2013: Provincial Wage Results*.

HOW TO INTERPRET THE WAGE DATA

The following term definitions are used to report on the occupational wage data contained in the full 2013 Wage Survey report:

Label	Interpretation
Mean	Equally weighted mean (average) reported hourly wage for that occupation. The mean is calculated as the average of all employees reported on, regardless of the relative size of employers reporting within the category.
Median	Midpoint of observed values; 50% of reported hourly wages are below this value and 50% are above.

The table below illustrates the data grades for the wage and vacancy results.

Classification	Rating	Margin of Error Percentage
Excellent	A	0.0% – 4.9%
Good	B	5.0% - 9.9%
Fair	C	10.0% - 14.9%
Less Reliable	D	15.0% - 31.0%
Insufficient Data to Report	-	Greater than 31%

Wages reported in the 2013 Saskatchewan Wage Survey are a reflection of the reported wages from participating employers at the time of the survey in September 2013 to December 2013. Other sources of wage information including the National Job Bank may list different wages for the same occupations. Employers applying for a Labour Market Impact Assessment (LMIA) in order to hire a Temporary Foreign Worker should use the National Job Bank median wage rate in any application (<http://www.jobbank.gc.ca/home-eng.do?lang=eng>), and not the wages reported in the 2013 Saskatchewan Wage Survey.

HOW TO INTERPRET THE JOB VACANCY DATA

Job vacancies include an absolute count (not full-time equivalents) of employees needed in positions that meet all three of the following conditions:

- i. A specific position exists;
- ii. Work may commence within 30 days; and
- iii. The employer is seeking employees from outside of this organization to fill the position.

The specific wording of the question was as follows:

- How many vacant positions do you currently have in this occupation, including both full and part-time positions?

If respondents did not hire any individuals in an occupation within the past two years, they were asked to indicate so. The vacancy rate for each occupation, R , is calculated using the formula $= \frac{V}{V+F}$, where V is the number of vacancies and F is the number of currently filled positions among all employers who completed the job vacancy section of the survey.

Data may be suppressed within certain cells of the tables included in this report due to an insufficient data being provided by employers within this industry sector. In these cases, a "-" is inserted in the cell to indicate that the data has been suppressed.

SUMMARY OF OCCUPATIONS

The following table illustrates the wage and job vacancy rate results for occupations within the Forestry, Mining, Quarrying, Oil and Gas Industry that met the minimum reporting requirements. Data are sorted by four-digit National Occupation Classification (NOC) 2011 code.

NOC Code (2011)	Job Title	Number of Employers Reporting	Number of Employees Included	Wage Data Reliability Code	Mean (average) Wage	Median Wage	Vacancy Rate Reliability Code	Vacancy Rate
0016	Senior managers – construction, transportation, production and utilities	5	22	D	\$105.77	\$108.23	-	-
0111	Financial managers	7	7	D	\$69.53	\$73.10	-	-
0112	Human resources managers	5	13	D	\$56.33	\$52.84	-	-
0211	Engineering managers	4	27	D	\$78.01	\$84.13	-	-
0711	Construction managers	3	13	D	\$67.39	\$57.35	-	-
0714	Facility operation and maintenance managers	4	14	D	\$45.25	\$49.47	-	-
0811	Managers in natural resources production and fishing	8	32	D	\$75.12	\$75.24	-	-
1111	Financial auditors and accountants	4	30	D	\$43.53	\$40.81	-	-
1121	Human resources professionals	4	11	D	\$42.69	\$41.80	-	-
1215	Supervisors, supply chain, tracking and scheduling co-ordination occupations	3	15	D	\$44.63	\$44.64	-	-
1221	Administrative officers	8	17	D	\$30.22	\$31.99	-	-
1225	Purchasing agents and officers	3	39	D	\$44.49	\$41.83	-	-
1241	Administrative assistants	11	43	C	\$23.93	\$23.17	D	0.0%
1311	Accounting technicians and bookkeepers	4	7	D	\$35.36	\$34.52	-	-
1411	General office support workers	6	51	C	\$26.34	\$25.51	-	-
1431	Accounting and related clerks	6	18	D	\$26.50	\$25.82	D	0.0%

NOC Code (2011)	Job Title	Number of Employers Reporting	Number of Employees Included	Wage Data Reliability Code	Mean (average) Wage	Median Wage	Vacancy Rate Reliability Code	Vacancy Rate
1523	Production logistics co-ordinators	3	6	D	\$43.54	\$45.67	-	-
1525	Dispatchers	5	16	D	\$24.90	\$25.72	D	18.2%
2113	Geoscientists and oceanographers	3	41	D	\$49.70	\$48.15	-	-
2132	Mechanical engineers	3	11	D	\$47.72	\$50.19	-	-
2143	Mining engineers	5	30	D	\$43.89	\$44.10	-	-
2171	Information systems analysts and consultants	3	6	D	\$46.45	\$41.11	-	-
2212	Geological and mineral technologists and technicians	5	144	B	\$46.34	\$48.56	C	0.0%
2231	Civil engineering technologists and technicians	4	25	D	\$38.87	\$30.00	D	5.0%
2243	Industrial instrument technicians and mechanics	3	10	D	\$44.51	\$44.47	-	-
2253	Drafting technologists and technicians	3	17	D	\$41.53	\$40.63	-	-
2263	Inspectors in public and environmental health and occupational health and safety	8	33	D	\$48.44	\$49.95	D	0.0%
2281	Computer network technicians	3	8	D	\$38.19	\$40.86	-	-
4161	Natural and applied science policy researchers, consultants and program officers	4	9	D	\$51.05	\$48.67	-	-
6733	Janitors, caretakers and building superintendents	5	17	D	\$37.74	\$44.55	-	-
7237	Welders and related machine operators	5	23	D	\$39.77	\$44.47	D	0.0%
7252	Steamfitters, pipefitters and sprinkler system installers	4	19	D	\$45.61	\$46.08	-	-
7302	Contractors and supervisors, heavy	5	57	C	\$37.46	\$35.00	C	10.6%

NOC Code (2011)	Job Title	Number of Employers Reporting	Number of Employees Included	Wage Data Reliability Code	Mean (average) Wage	Median Wage	Vacancy Rate Reliability Code	Vacancy Rate
	equipment operator crews							
7311	Construction millwrights and industrial mechanics	7	68	C	\$47.32	\$46.08	D	0.0%
7312	Heavy-duty equipment mechanics	5	51	C	\$42.36	\$44.47	D	66.7%
7321	Automotive service technicians, truck and bus mechanics and mechanical repairers	4	26	D	\$43.30	\$44.47	-	-
7511	Transport truck drivers	5	136	B	\$25.82	\$26.73	B	16.2%
8221	Supervisors, mining and quarrying	3	55	C	\$52.22	\$51.36	-	-
8222	Contractors and supervisors, oil and gas drilling and services	3	9	D	\$40.01	\$36.00	-	-
8232	Oil and gas well drillers, servicers, testers and related workers	3	107	B	\$30.02	\$26.74	B	18.0%
8615	Oil and gas drilling, servicing and related labourers	6	34	D	\$25.74	\$24.00	D	30.8%
9212	Supervisors, petroleum, gas and chemical processing and utilities	3	91	C	\$62.53	\$62.26	C	0.0%
9232	Petroleum, gas and chemical process operators	3	273	B	\$39.66	\$39.30	B	0.0%
9241	Power engineers and power systems operators	3	246	B	\$46.87	\$47.31	-	-