

2019 *Alberta* Wage and Salary Survey

The Alberta Wage and Salary Survey is undertaken by the Alberta Government to provide current wage rates and skill shortage information on various occupations in Alberta, and in specific industries and Economic Regions. This labour market information helps Alberta employers to fine tune their compensation and recruitment strategies, helps individuals make career and education choices, and aids the provincial government in developing effective policies and providing services.

Construction Industry Summary Report

SURVEY RESULTS

The survey was completed with 666 employers in the Construction industry sector who provided information on over 21,144 employees in various occupational classifications¹. Survey data were collected between January and July 2019. Alberta Wage and Salary Survey results by Four-Digit National Occupational Classification (NOC) for all of Alberta, by industry group, and by geographic area can be found at www.alis.alberta.ca/occinfo

WAGES FOR SELECTED OCCUPATIONS

The following table illustrates the wage survey results associated with some common occupations within this industry². The tables below present results for three-digit NOC minor groups and for four-digit NOCs.

CONSTRUCTION INDUSTRY Selected Occupations (NOC)	Employers Reporting (n)	# of Employees	Data Reliability Code	Avg. Hours Worked per Week	Avg. Starting Pay	Avg. Top Pay	Overall Average Pay for All Employees
Common Business, Managerial, Administrative, and Clerical Occupations							
001 Legislators and senior management	81	175	B	42.0	\$62.28	\$87.06	\$75.61
0016 Senior managers - construction, transportation, production and utilities	77	164	B	42.1	\$64.46	\$88.56	\$77.97
011 Administrative services managers	122	223	A	40.1	\$42.50	\$51.28	\$47.18
0111 Financial managers	73	84	B	38.3	\$49.14	\$57.16	\$54.07
0112 Human resources managers	46	65	A	40.9	\$42.53	\$51.04	\$47.32

¹ The estimated sample error at the establishment level for overall results for this industry is estimated to be $\pm 3.6\%$ at a 95% confidence level (i.e., 19 times out of 20) taking into account the sample design effect associated with over/under sampling and data weighting.

² Occupations were selected as the top occupations in terms of number of employees as per Statistics Canada 2016 Census for this industry and supplemented by other occupations frequently reported by industry employers. Only occupations with a minimum number of reportable observations were selected. Some occupations common to this industry may not be listed if sufficient reliable data were not available.

CONSTRUCTION INDUSTRY Selected Occupations (NOC)	Employers Reporting (n)	# of Employees	Data Reliability Code	Avg. Hours Worked per Week	Avg. Starting Pay	Avg. Top Pay	Overall Average Pay for All Employees
0114 Other administrative services managers	29	62	B	41.5	\$36.10	\$44.40	\$40.06
012 Managers in financial and business services	27	46	B	39.0	\$45.99	\$62.41	\$53.85
0124 Advertising, marketing and public relations managers	16	21	C	40.7	\$48.48	\$63.10	\$53.74
062 Retail and wholesale trade managers	61	116	B	40.2	\$42.09	\$60.66	\$52.53
0621 Retail and wholesale trade managers	61	116	B	40.2	\$42.09	\$60.66	\$52.53
071 Managers in construction and facility operation and maintenance	247	1,303	A	41.4	\$38.45	\$57.04	\$47.37
0711 Construction managers	229	1,240	A	41.4	\$37.96	\$56.64	\$46.83
0714 Facility operation and maintenance managers	21	48	C	39.6	\$55.93	\$75.63	\$66.24
111 Auditors, accountants and investment professionals	65	114	B	38.7	\$30.71	\$42.72	\$36.19
1111 Financial auditors and accountants	65	111	B	38.6	\$30.10	\$42.44	\$35.75
112 Human resources and business service professionals	37	61	A	37.8	\$28.87	\$42.34	\$35.11
1121 Human resources professionals	26	44	B	38.2	\$27.87	\$43.46	\$35.35
121 Administrative services supervisors	37	97	B	40.8	\$30.83	\$47.48	\$38.71
1215 Supervisors, supply chain, tracking and scheduling co-ordination occupations	31	79	B	41.1	\$30.92	\$37.85	\$34.65
122 Administrative and regulatory occupations	150	394	B	38.9	\$23.45	\$41.88	\$30.69
1221 Administrative officers	123	336	B	38.9	\$21.42	\$41.70	\$29.22
1222 Executive assistants	15	17	C	38.7	\$43.29	\$50.66	\$47.94
1225 Purchasing agents and officers	20	30	C	39.1	\$36.44	\$42.25	\$40.24
124 Office administrative assistants - general, legal and medical	110	315	A	38.6	\$20.43	\$32.93	\$25.65
1241 Administrative assistants	110	315	A	38.6	\$20.43	\$32.93	\$25.65
131 Finance, insurance and related business administrative occupations	63	80	B	34.7	\$23.68	\$29.40	\$26.64

CONSTRUCTION INDUSTRY Selected Occupations (NOC)	Employers Reporting (n)	# of Employees	Data Reliability Code	Avg. Hours Worked per Week	Avg. Starting Pay	Avg. Top Pay	Overall Average Pay for All Employees
1311 Accounting technicians and bookkeepers	63	80	B	34.7	\$23.68	\$29.40	\$26.64
141 General office workers	119	224	A	36.6	\$19.83	\$28.67	\$24.45
1411 General office support workers	69	153	A	36.4	\$20.07	\$29.10	\$25.12
1414 Receptionists	50	67	A	36.9	\$19.42	\$27.27	\$22.75
143 Financial, insurance and related administrative support workers	142	355	A	38.3	\$23.96	\$31.14	\$27.66
1431 Accounting and related clerks	118	278	A	38.4	\$23.88	\$30.77	\$27.58
1432 Payroll administrators	36	65	A	37.8	\$23.87	\$31.92	\$27.27
1521 Shippers and receivers	22	70	B	40.1	\$19.29	\$28.58	\$25.19
1525 Dispatchers	28	55	B	42.6	\$31.31	\$39.56	\$36.90
Common Professional, Technical, Skilled, and Labour Occupations							
223 Technical occupations in civil, mechanical and industrial engineering	132	359	A	40.1	\$31.56	\$49.87	\$41.19
2234 Construction estimators	120	317	A	39.9	\$32.28	\$51.69	\$42.52
225 Technical occupations in architecture, drafting, surveying, geomatics and meteorology	30	103	B	39.4	\$26.89	\$46.03	\$34.57
2253 Drafting technologists and technicians	19	58	C	39.9	\$28.95	\$47.48	\$36.74
226 Other technical inspectors and regulatory officers	130	329	A	39.6	\$31.08	\$39.75	\$35.04
2263 Inspectors in public and environmental health and occupational health and safety	91	162	A	39.1	\$32.39	\$40.31	\$35.98
2264 Construction inspectors	47	127	A	40.9	\$30.83	\$39.45	\$34.84
524 Creative designers and craftspersons	19	29	C	38.3	\$24.32	\$32.84	\$29.06
5242 Interior designers and interior decorators	18	26	C	38.2	\$24.68	\$33.09	\$29.48
641 Sales and account representatives - wholesale trade (non-technical)	19	108	C	40.1	\$21.11	\$47.99	\$31.06

CONSTRUCTION INDUSTRY Selected Occupations (NOC)	Employers Reporting (n)	# of Employees	Data Reliability Code	Avg. Hours Worked per Week	Avg. Starting Pay	Avg. Top Pay	Overall Average Pay for All Employees
6411 Sales and account representatives - wholesale trade (non-technical)	19	108	C	40.1	\$21.11	\$47.99	\$31.06
642 Retail salespersons	24	65	B	38.1	\$24.75	\$33.83	\$29.37
6421 Retail salespersons	24	65	B	38.1	\$24.75	\$33.83	\$29.37
673 Cleaners	38	541	C	37.4	\$21.53	\$39.55	\$27.56
6733 Janitors, caretakers and building superintendents	27	408	C	39.7	\$21.11	\$41.75	\$27.43
720 Contractors and supervisors, industrial, electrical and construction trades and related workers	160	1,122	A	41.8	\$30.88	\$42.86	\$35.61
7201 Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	22	162	B	44.9	\$37.37	\$48.39	\$43.21
7202 Contractors and supervisors, electrical trades and telecommunications occupations	18	84	C	39.7	\$32.38	\$41.06	\$36.33
7204 Contractors and supervisors, carpentry trades	58	378	B	40.2	\$27.59	\$41.60	\$33.15
7205 Contractors and supervisors, other construction trades, installers, repairers and servicers	56	323	B	43.8	\$32.96	\$40.77	\$36.78
723 Machining, metal forming, shaping and erecting trades	92	1,031	B	40.9	\$37.19	\$45.74	\$40.47
7233 Sheet metal workers	30	327	A	39.6	\$33.33	\$43.49	\$37.19
7237 Welders and related machine operators	56	507	B	42.3	\$45.60	\$52.12	\$47.94
724 Electrical trades and electrical power line and telecommunications workers	68	1,801	A	40.7	\$35.24	\$43.27	\$37.41
7241 Electricians (except industrial and power system)	49	1,124	A	40.1	\$34.56	\$43.07	\$36.41
725 Plumbers, pipefitters and gas fitters	70	974	B	41.1	\$37.22	\$47.25	\$42.22
7251 Plumbers	38	357	A	39.7	\$33.17	\$41.93	\$36.66
7252 Steamfitters, pipefitters and sprinkler system installers	28	562	C	42.3	\$41.81	\$52.87	\$47.79
727 Carpenters and cabinetmakers	85	586	A	41.6	\$27.38	\$37.27	\$32.55
7271 Carpenters	76	532	A	41.6	\$27.50	\$37.42	\$32.60

CONSTRUCTION INDUSTRY Selected Occupations (NOC)	Employers Reporting (n)	# of Employees	Data Reliability Code	Avg. Hours Worked per Week	Avg. Starting Pay	Avg. Top Pay	Overall Average Pay for All Employees
728 Masonry and plastering trades	45	593	A	41.5	\$25.47	\$36.35	\$31.31
7282 Concrete finishers	18	258	B	41.9	\$25.35	\$33.84	\$29.10
7284 Plasterers, drywall installers and finishers and lathers	18	226	C	41.5	\$20.55	\$36.79	\$29.97
729 Other construction trades	49	850	A	40.5	\$22.88	\$37.09	\$30.86
7293 Insulators	13	341	C	41.1	\$25.24	\$37.92	\$32.67
7294 Painters and decorators (except interior decorators)	12	103	C	38.8	\$17.64	\$24.84	\$21.09
730 Contractors and supervisors, maintenance trades and heavy equipment and transport operators	79	659	C	45.6	\$29.75	\$38.89	\$33.94
7301 Contractors and supervisors, mechanic trades	17	21	C	39.8	\$41.38	\$48.95	\$46.31
7302 Contractors and supervisors, heavy equipment operator crews	61	626	C	45.8	\$29.31	\$38.46	\$33.39
731 Machinery and transportation equipment mechanics (except motor vehicles)	88	514	B	41.2	\$29.40	\$46.42	\$38.93
7312 Heavy-duty equipment mechanics	59	264	B	42.3	\$32.62	\$49.96	\$41.62
7313 Heating, refrigeration and air conditioning mechanics	25	200	B	40.2	\$23.07	\$43.29	\$35.24
732 Automotive service technicians	48	114	A	43.1	\$31.32	\$40.61	\$36.08
7321 Automotive service technicians, truck and bus mechanics and mechanical repairers	47	107	A	43.4	\$32.63	\$41.94	\$37.31
737 Crane operators, drillers and blasters	22	144	B	38.6	\$29.58	\$40.31	\$34.76
7371 Crane operators	16	107	C	38.3	\$30.34	\$40.62	\$35.24
744 Other installers, repairers and servicers	29	187	B	41.5	\$22.47	\$32.05	\$27.41
7441 Residential and commercial installers and servicers	26	184	B	41.6	\$22.41	\$32.05	\$27.39
745 Longshore workers and material handlers	26	129	B	41.0	\$20.72	\$29.36	\$24.81
7452 Material handlers	26	129	B	41.0	\$20.72	\$29.36	\$24.81

CONSTRUCTION INDUSTRY Selected Occupations (NOC)	Employers Reporting (n)	# of Employees	Data Reliability Code	Avg. Hours Worked per Week	Avg. Starting Pay	Avg. Top Pay	Overall Average Pay for All Employees
751 Motor vehicle and transit drivers	107	668	A	44.6	\$26.88	\$33.20	\$29.98
7511 Transport truck drivers	100	645	A	44.7	\$26.94	\$33.33	\$30.06
752 Heavy equipment operators	153	2,315	A	44.0	\$26.67	\$37.85	\$32.29
7521 Heavy equipment operators (except crane)	149	2,197	A	44.2	\$26.70	\$38.28	\$32.52
761 Trades helpers and labourers	234	2,815	A	43.0	\$20.86	\$31.36	\$25.34
7611 Construction trades helpers and labourers	220	2,722	A	43.1	\$20.90	\$31.54	\$25.42
7612 Other trades helpers and labourers	18	93	B	40.1	\$19.83	\$26.11	\$23.23
861 Harvesting, landscaping and natural resources labourers	29	396	B	44.0	\$19.97	\$28.03	\$23.13
8615 Oil and gas drilling, servicing and related labourers	17	194	A	42.1	\$20.85	\$30.07	\$24.94
9612 Labourers in metal fabrication	20	349	B	41.5	\$22.52	\$31.18	\$26.13

"n" in the above table represents the number of employers who indicated at least one employee in an occupation. For example, 234 employers combined reported wages for 2,815 Trades helpers and labourers (NOC 761).

Averages are calculated using data weighted by establishment to account for survey non-response (stratified by region, industry group and employer size) and by number of employees reported.

"n/a" indicates that results have been suppressed due to missing data for some employers or due to calculation anomalies.

Data Reliability Codes are based on coefficient of variation as an indicator of general reliability: "A": coefficient of variation of less than or equal to $\pm 6.00\%$, "B": from $\pm 6.01\%$ to $\pm 15.00\%$, "C": from $\pm 15.01\%$ to $\pm 33.00\%$, "D": more than $\pm 33.01\%$.

JOB VACANCIES & HIRING DIFFICULTIES – SELECTED OCCUPATIONS

The following table illustrates the job vacancy survey results associated with some common occupations within the Construction industry as cited by survey respondents and confirmed through review of the data.

CONSTRUCTION INDUSTRY Selected Occupations (NOC)	Employers Reporting (n)	% of Employers that Hired for this Occupation within the Last 2 Years	% of Employers Experiencing Hiring Difficulties (out of those hiring)	% of Employers with Vacancies of Greater than 4 Months	Job Vacancy Rate
Common Business, Managerial, Administrative, and Clerical Occupations					
001 Legislators and senior management	79	18%	20%	0%	n/a
0016 Senior managers - construction, transportation, production and utilities	75	18%	15%	0%	n/a
011 Administrative services managers	119-121	19%	16%	1%	n/a
0111 Financial managers	72-73	26%	17%	0%	n/a
0112 Human resources managers	44-45	18%	11%	0%	n/a
0114 Other administrative services managers	27-28	7%	n/a	3%	1.6%
012 Managers in financial and business services	27	40%	19%	0%	n/a
0124 Advertising, marketing and public relations managers	16	31%	45%	0%	n/a
062 Retail and wholesale trade managers	60-61	10%	16%	0%	0.0%
0621 Retail and wholesale trade managers	60-61	10%	16%	0%	0.0%
071 Managers in construction and facility operation and maintenance	242-245	30%	25%	2%	2.9%
0711 Construction managers	224-227	33%	26%	3%	3.1%
0714 Facility operation and maintenance managers	21	11%	n/a	0%	n/a
111 Auditors, accountants and investment professionals	63-64	29%	9%	0%	n/a
1111 Financial auditors and accountants	63-64	30%	9%	0%	n/a
112 Human resources and business service professionals	37	37%	0%	0%	n/a
1121 Human resources professionals	26	24%	0%	0%	n/a

CONSTRUCTION INDUSTRY Selected Occupations (NOC)	Employers Reporting (n)	% of Employers that Hired for this Occupation within the Last 2 Years	% of Employers Experiencing Hiring Difficulties (out of those hiring)	% of Employers with Vacancies of Greater than 4 Months	Job Vacancy Rate
121 Administrative services supervisors	36-37	43%	10%	3%	2.6%
1215 Supervisors, supply chain, tracking and scheduling co-ordination occupations	30-31	51%	11%	4%	3.3%
122 Administrative and regulatory occupations	144-145	27%	17%	0%	n/a
1221 Administrative officers	117-118	21%	23%	0%	n/a
1222 Executive assistants	15	48%	18%	0%	n/a
1225 Purchasing agents and officers	20	35%	0%	2%	1.2%
124 Office administrative assistants - general, legal and medical	105-107	35%	13%	0%	n/a
1241 Administrative assistants	105-107	35%	13%	0%	n/a
131 Finance, insurance and related business administrative occupations	61-62	20%	9%	0%	n/a
1311 Accounting technicians and bookkeepers	61-62	20%	9%	0%	n/a
141 General office workers	117-118	45%	7%	1%	n/a
1411 General office support workers	67-68	44%	6%	0%	n/a
1414 Receptionists	50	46%	9%	3%	2.1%
143 Financial, insurance and related administrative support workers	140	30%	16%	0%	n/a
1431 Accounting and related clerks	116	31%	16%	0%	n/a
1432 Payroll administrators	35-36	30%	12%	0%	n/a
1521 Shippers and receivers	22	40%	16%	0%	n/a
1525 Dispatchers	28	31%	30%	0%	n/a
Common Professional, Technical, Skilled, and Labour Occupations					
223 Technical occupations in civil, mechanical and industrial engineering	130	38%	33%	6%	2.7%

CONSTRUCTION INDUSTRY Selected Occupations (NOC)	Employers Reporting (n)	% of Employers that Hired for this Occupation within the Last 2 Years	% of Employers Experiencing Hiring Difficulties (out of those hiring)	% of Employers with Vacancies of Greater than 4 Months	Job Vacancy Rate
2234 Construction estimators	118-119	38%	32%	5%	1.8%
225 Technical occupations in architecture, drafting, surveying, geomatics and meteorology	29-30	42%	20%	0%	n/a
2253 Drafting technologists and technicians	18-19	36%	24%	0%	n/a
226 Other technical inspectors and regulatory officers	125-128	35%	26%	2%	3.8%
2263 Inspectors in public and environmental health and occupational health and safety	87-89	29%	27%	2%	2.0%
2264 Construction inspectors	46-47	40%	16%	0%	n/a
524 Creative designers and craftspersons	18-19	25%	n/a	6%	4.0%
5242 Interior designers and interior decorators	18	25%	n/a	6%	4.0%
641 Sales and account representatives - wholesale trade (non-technical)	19	39%	14%	0%	0.0%
6411 Sales and account representatives - wholesale trade (non-technical)	19	39%	14%	0%	0.0%
642 Retail salespersons	22-24	43%	44%	9%	3.5%
6421 Retail salespersons	22-24	43%	44%	9%	3.5%
673 Cleaners	35-37	54%	24%	5%	1.8%
6733 Janitors, caretakers and building superintendents	26-27	68%	26%	7%	1.9%
720 Contractors and supervisors, industrial, electrical and construction trades and related workers	155-158	38%	28%	3%	1.3%
7201 Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	21-22	19%	4%	1%	n/a
7202 Contractors and supervisors, electrical trades and telecommunications occupations	16	35%	32%	8%	1.8%
7204 Contractors and supervisors, carpentry trades	57-58	48%	27%	2%	0.8%
7205 Contractors and supervisors, other construction trades, installers, repairers and servicers	55-56	38%	36%	4%	2.8%

CONSTRUCTION INDUSTRY Selected Occupations (NOC)	Employers Reporting (n)	% of Employers that Hired for this Occupation within the Last 2 Years	% of Employers Experiencing Hiring Difficulties (out of those hiring)	% of Employers with Vacancies of Greater than 4 Months	Job Vacancy Rate
723 Machining, metal forming, shaping and erecting trades	86-89	61%	23%	4%	n/a
7233 Sheet metal workers	29	71%	26%	1%	n/a
7237 Welders and related machine operators	51-54	52%	12%	1%	n/a
724 Electrical trades and electrical power line and telecommunications workers	65	60%	28%	4%	n/a
7241 Electricians (except industrial and power system)	48-49	56%	29%	4%	n/a
725 Plumbers, pipefitters and gas fitters	66-69	60%	34%	7%	n/a
7251 Plumbers	37-38	64%	37%	6%	n/a
7252 Steamfitters, pipefitters and sprinkler system installers	26-27	55%	25%	7%	n/a
727 Carpenters and cabinetmakers	83-85	51%	43%	11%	4.4%
7271 Carpenters	74-76	52%	42%	13%	4.9%
728 Masonry and plastering trades	43-44	64%	62%	12%	2.6%
7282 Concrete finishers	17	79%	79%	20%	5.1%
7284 Plasterers, drywall installers and finishers and lathers	17-18	56%	50%	10%	1.4%
729 Other construction trades	48-49	82%	49%	11%	2.1%
7293 Insulators	13	93%	38%	0%	n/a
7294 Painters and decorators (except interior decorators)	11-12	70%	45%	0%	n/a
730 Contractors and supervisors, maintenance trades and heavy equipment and transport operators	75	38%	43%	7%	1.5%
7301 Contractors and supervisors, mechanic trades	16	26%	n/a	6%	4.9%
7302 Contractors and supervisors, heavy equipment operator crews	58	44%	41%	8%	1.4%
731 Machinery and transportation equipment mechanics (except motor vehicles)	84-87	52%	52%	8%	1.5%

CONSTRUCTION INDUSTRY Selected Occupations (NOC)	Employers Reporting (n)	% of Employers that Hired for this Occupation within the Last 2 Years	% of Employers Experiencing Hiring Difficulties (out of those hiring)	% of Employers with Vacancies of Greater than 4 Months	Job Vacancy Rate
7312 Heavy-duty equipment mechanics	58	46%	53%	7%	1.7%
7313 Heating, refrigeration and air conditioning mechanics	23-25	60%	57%	11%	1.4%
732 Automotive service technicians	46-47	29%	30%	1%	1.9%
7321 Automotive service technicians, truck and bus mechanics and mechanical repairers	45-46	30%	30%	1%	2.0%
737 Crane operators, drillers and blasters	22	47%	42%	0%	n/a
7371 Crane operators	16	55%	42%	0%	n/a
744 Other installers, repairers and servicers	29	68%	58%	11%	4.2%
7441 Residential and commercial installers and servicers	26	68%	59%	11%	4.0%
745 Longshore workers and material handlers	25	64%	19%	0%	n/a
7452 Material handlers	25	64%	19%	0%	n/a
751 Motor vehicle and transit drivers	105-107	61%	32%	9%	3.3%
7511 Transport truck drivers	98-100	61%	35%	9%	3.4%
752 Heavy equipment operators	148-149	67%	52%	14%	2.3%
7521 Heavy equipment operators (except crane)	145	66%	53%	14%	2.2%
761 Trades helpers and labourers	227-229	59%	30%	10%	2.6%
7611 Construction trades helpers and labourers	213-215	61%	31%	10%	2.7%
7612 Other trades helpers and labourers	18	38%	0%	4%	1.8%
861 Harvesting, landscaping and natural resources labourers	25-26	73%	57%	23%	3.8%
8615 Oil and gas drilling, servicing and related labourers	15	55%	41%	14%	2.6%
9612 Labourers in metal fabrication	19-20	73%	15%	9%	1.1%

"n" in the above table represents the range of the number of employers who indicated at least one employee in an occupation and responded to individual questions about hiring difficulties and vacancies (not all employers responded to all questions).

“n/a” indicates that results have been suppressed due to missing data for some employers.

Statistics on hiring activity, hiring difficulties, and employers reporting vacancies were calculated based on *the number of employers responding* for each question, weighted by establishment for survey non-response (stratified by region, industry group and employer size).

Job Vacancy Rate for vacancies that had been unfilled for 4 months or more calculated as: $\text{Sum of Unfilled Vacancies} / (\text{Sum of Current Employees} + \text{Sum of Unfilled Vacancies})$, with data weighted by establishment for survey non-response (stratified by industry group and employer size).

Industry Definition as per North American Industry Classification System (NAICS)

Construction Sector (NAICS 23)

This sector comprises establishments primarily engaged in constructing, repairing and renovating buildings and engineering works, and in subdividing and developing land. These establishments may operate on their own account or under contract to other establishments or property owners. They may produce complete projects or just parts of projects. Establishments often subcontract some or all of the work involved in a project. Establishments may produce new construction, or undertake repairs and renovations to existing structures.

A construction establishment may be the only establishment of an enterprise, or one of several establishments of an integrated real estate enterprise engaged in the land assembly, development, financing, building and sale of large projects.

There are substantial differences in the types of equipment, work force skills, and other inputs required by establishments in this sector. To highlight these differences and variations in the underlying production functions, this sector is divided into three subsectors: NAICS 236 Construction of buildings, NAICS 237 Heavy and civil engineering construction and NAICS 238 Specialty trade contractors. Establishments are distinguished initially between those that undertake projects that require several different construction activities (known as trades) to be performed, and establishments that specialize in one trade.

Establishments that specialize in one particular construction activity, or trade, are generally classified in NAICS 238 Specialty trade contractors. However, in order to conform to the generally accepted distinctions made by construction businesses themselves, some types of specialized establishments involved in road building and civil engineering are classified in NAICS 237 Heavy and civil engineering construction.

Exclusion(s): Establishments primarily engaged in:

- Manufacturing and installing building equipment, such as power boilers; manufacturing pre-fabricated buildings (see NAICS 31-33, Manufacturing);
- Operating highways, streets and bridges (NAICS 48-49, Transportation and Warehousing); and
- Project management (NAICS 56, Administrative and Support, Waste Management and Remediation Services).

Research conducted for the Alberta Ministry of Labour by R.A. Malatest & Associates Ltd.