

Profile of Key Economic Sectors

Professional, Scientific and Technical Services

What is included in the sector?

This sector includes economic activities that are almost wholly dependent on the technical skills and professional expertise of the workers.

TABLE 1. SECTOR JOBS BY TYPE IN VANCOUVER

SUB-SECTOR	JOBS (%)
Computer systems design & related services	24.2%
Legal services	18.3%
Architectural, engineering & related services	17.2%
Accounting, tax preparation, bookkeeping and payroll services	11.3%
Management, scientific and technical consulting services	10.7%
Specialized design services	5.7%
Advertising, public relations, & related	4.9%
Other professional, scientific and technical services	4.3%
Scientific research and development services	3.5%
Grand Total	100%

Source: Place of work data from 2016 Census for the city of Vancouver, Statistics Canada.

Who is working in this sector?

TABLE 2. EMPLOYMENT STATUS FOR SECTOR JOBS IN VANCOUVER

CATEGORY	VALUE
Full time vs. part time	
Full time workers	88%
Part time workers	12%
Self employed and work from home	
Self employed	22%
Work from home	16%

Source: Place of work data from 2016 Census for the city of Vancouver, Statistics Canada.

TABLE 3. GENDER, WAGE AND EDUCATION CHARACTERISTICS FOR THE SECTOR IN THE REGION

CATEGORY	VALUE
Gender	
Men	56%
Women	44%
Wages and highest education	
Regional median income	\$52,130
University certificate, diploma or degree	61%

Source: Place of residence data from 2016 Census for the city of Vancouver, Statistics Canada.

HIGHLIGHTS:

- Professional, scientific and technical services make up 16% of the city's total employment.
- The sector is the city's largest employer with 58,740 jobs.
- The sector's jobs are shared relatively evenly among computer systems design, legal services, architectural services, and accounting services which represent 24%, 18%, 17%, and 11% of the sector in the city.
- Between 2001 and 2016, jobs in this sector in the city grew by 17,370 jobs (42%).
- Roughly 63% of the city's workers in the sector reside in the city of Vancouver.

Job growth in the sector: Vancouver vs. the region

Half of the professional, scientific and technical services jobs (50%) in the region are located in the city of Vancouver. The city and region have seen both increases in jobs in the sector and overall. Between 2001 and 2016 the total number of sector jobs in the city increased by 42%. During this same timeframe, the city as a whole added roughly 64,355 jobs, growing by 21%.

TABLE 4. SECTOR GROWTH IN VANCOUVER AND METRO VANCOUVER

	VANCOUVER	METRO
Sector jobs	58,740 16% of all jobs	118,240 11% of all jobs
Growth of sector from 2001-16	+17,370 ↑ 42%	+36,770 ↑ 45%
Overall job growth from 2001-16	+64,355 ↑ 21%	+209,675 ↑ 23%

Source: Place of work data from 2016 Census for the city of Vancouver and Metro Vancouver, Statistics Canada.

What do they do?

TABLE 5. SECTOR JOBS BY OCCUPATION IN THE REGION FOR WORKER PLACE OF RESIDENCE

OCCUPATION	JOBS (%)
Natural and applied sciences and related occupations	32.8%
Business, finance and administration occupations	28.9%
Occupations in education, law and social, community and government services	12.1%
Management occupations	10.4%
Occupations in art, culture, recreation and sport	8.1%
Sales and service occupations	4.1%
Health occupations	1.6%
Trades, transport and equipment operators and related occupations	1.4%
Other	0.7%
Grand Total	100%

Source: Place of residence data from 2016 Census for Metro Vancouver, Statistics Canada.

Where do sector workers live?

63% of the city's workers in this sector live in Vancouver.

TABLE 6. PLACE OF RESIDENCE FOR WORKERS IN PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES IN VANCOUVER

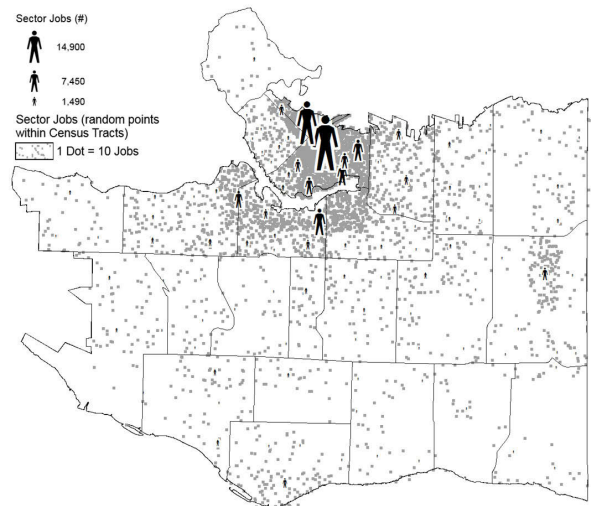
LOCATION	#	%
City of Vancouver	34,955	62.8%
Metro Vancouver (Outside of Vancouver)	22,675	36.1%
Burnaby & New Westminster	6,235	11.2%
Surrey, Delta, & White Rock	5,190	3.9%
Tri-Cities (incl. Anmore and Belcarra)	3,735	8.3%
North Shore (incl. Bowen and Lions Bay)	3,330	4.8%
Richmond	2,720	5.8%
Maple Ridge / Pitt Meadows	695	1.1%
Langley (District and City)	430	0.4%
University Endowment Lands	230	0.3%
First Nations Lands	110	0.2%
Outside of Metro Vancouver	1,110	1.1%
Total	58,740	100.0%

Source: Place of work commuter data from 2016 Census for the city of Vancouver, Metro Vancouver and Canada, Statistics Canada.

Where in the city are sector jobs located?

The city's sector jobs are largely concentrated in the Metro Core area, primarily in the Central Business District and the Broadway corridor.

FIGURE 1. DISTRIBUTION OF SECTOR JOBS IN THE CITY

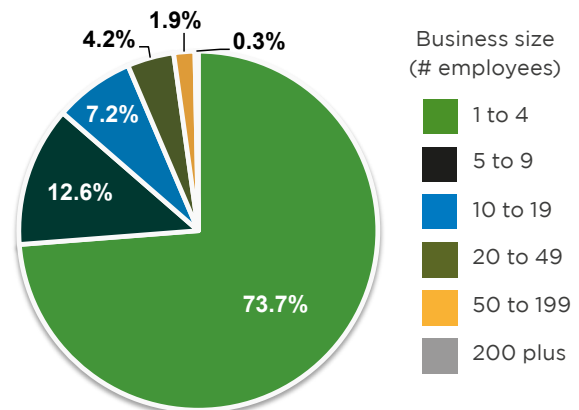


Source: Place of work data from 2016 Census for the city of Vancouver, Statistics Canada.

Business size

The majority of sector businesses within the region (about 98%) employ fewer than 50 people.

FIGURE 2. SIZE OF BUSINESSES IN SECTOR IN METRO VANCOUVER REGION



Source: Statistics Canada Business Register for the Greater Vancouver Regional District, 2017.