



Central
Saanich

CENSUS OF AGRICULTURE 2021

Land of plenty

A comprehensive profile of the physical, economic, social and environmental characteristics of Central Saanich's agriculture industry

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CENSUS OF AGRICULTURE

*We gratefully acknowledge that the ancestral land on which we work are within the traditional territories of the **ŪSÁNEĆ** peoples: **ŪJOLEŁP** (Tsartlip), **BOŖEĆEN** (Pauquachin), **ŠTÁUTŪ** (Tsawout), **ŪSIŖEM** (Tseycum) and **MÁLEXEŁ** (Malahat) Nations.*



Our History



Saanichton Station - Saanich Pioneer Society Archives and Museum

The Tsawout and Tsartlip First Nations, located within Central Saanich, have a rich cultural and spiritual connection extending back in time thousands of years to the lands now known as the Saanich Peninsula. The Brentwood Bay and Saanichton Bay areas were, and continue to be, integral to the economic, cultural, and spiritual life of the First Nations. The beliefs of the Tsartlip and Tsawout people are inextricably linked to the land and surrounding natural systems; the four winds, the trees, the birds, the animals, and the fish were all people, long ago. Nature, animals, fish, fire and water are imbued with spiritual values that are honoured for their power to heal, give life, provide bounty, and provide guidance through life. The Tsartlip and Tsawout First Nations have a strong, distinct sense of community. The common focus of the Nations is to maintain and restore their rich cultural heritage.

The first European settlers arrived in what is now Central Saanich in 1855. The first three families were the Lidgates, the McPhails and the Thomsons. The Lidgates' cabin (1858) and Bannockburn (1869) are still standing today. In fact, their construction at the base on Mt. Newton led to a roadway connecting East and West Saanich roads. The early settlers were mostly farmers who appreciated the land's fertile soil and grew hops, fruit, hay, grains and berries. There was also some logging and fishing. In the early days of settlement, the journey to Victoria was a four-day canoe trip around the Peninsula.

Robert Pim and Jennie Butchart opened a large limestone quarry and cement plant in 1904 (where Butchart Gardens is located today). The BC Cement factory supplied international markets with cement by way of a barge from Tod Inlet around the Saanich Peninsula and into Victoria's Inner Harbour. The factory closed in 1916, but tiles and pots continued to be manufactured on the site until 1950. Mrs. Butchart started her ambitious beautification of the property with the Sunken Garden (originally the limestone quarry) and the gardens bloomed from there and were soon an international destination. Today, it's a National Historic Site of Canada.

The Corporation of the District of Central Saanich was incorporated on December 12, 1950, and the Central Saanich Fire Department and Municipal Police Department (consisting of one Chief Constable equipped with a pair of handcuffs, a blackjack, and a 38 calibre revolver) were added in 1951.

Today, thanks to the efforts of Central Saanich residents including the Tsawout and Tsartlip First Nations, the history of Central Saanich lives on.

*Saanich Pioneer Society Archives and Museum - <https://www.saanichpioneersociety.com/>
Heritage Acres and Museum - <http://heritageacresbc.ca/>
WSÁNEĆ Leadership Council - <https://wsanec.com/history-territory/>*

Central Saanich Overview

Our Neighbourhoods

Our rural character is defined by an expansive rural landscape bound by two coastal shorelines and spectacular vistas where agricultural activity is abundant.

Our small-town character is defined by its friendly residents, safe neighbourhoods, and welcoming charm that celebrates a diversity of people and cultures.

A confined Urban Containment Boundary includes the Villages of Brentwood Bay and Saanichton, which are compact, walkable centres where the day-to-day commercial needs of the community are met; and the Keating Business District that includes a range of industrial and service-oriented businesses serving the broader region and providing diverse employment opportunities.

The District will continue to protect the agricultural and rural landscape alongside compact villages and nearby residential neighbourhoods.

Our growth is focused within the Urban Containment Boundary in a way that enhances the village centres and business district (Keating), while protecting rural and agricultural areas. The District experiences a slow and steady growth rate.

Brentwood Bay

The village has a diverse business base. Home to the Brentwood Bay Marina and ferry terminal across the Saanich inlet to Mill Bay in Cowichan Valley, Brentwood Bay definitely has a marin feel to it.

The village is also home to many tourism assets such as Butterfly Gardens, wineries, farm stands, and the world-renowned Butchart Gardens. Butchart Gardens ranks in the the top 10 of bucket list destinations globally.



Keating Business District

Keating is one of the dominant commercial and industrial areas in the Capital Region District (CRD). Many businesses have been operating in the Keating Area for many years and as new sectors emerge, such as technology and green many are finding the Business District to be a great place to call home.

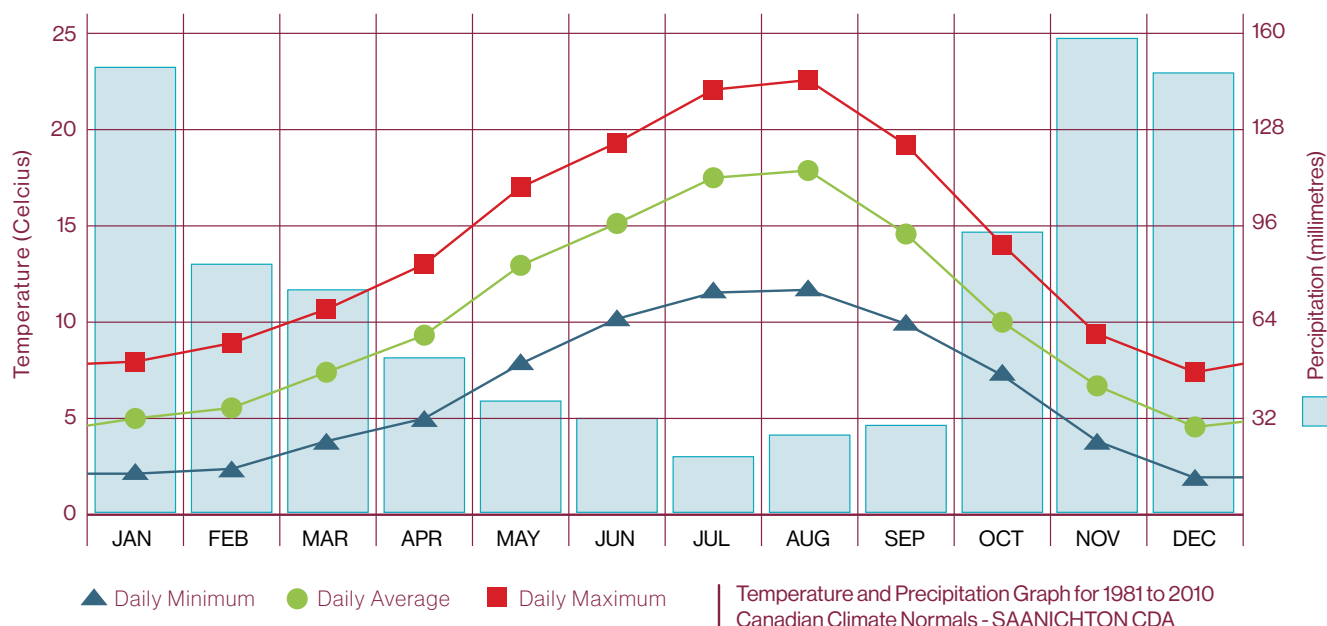
Keating's proximity within the heartland of the South Island and access to nearby Patricia Bay Highway, the Victoria International Airport and ferry terminals to Vancouver and Washington state makes a great logistical location. Its access to the urban areas also make sense for access to the CRD's resident workforce.

Saanichton

In the heart of Central Saanich, Saanichton is the core of the rural vibe of the District. Surrounded by rural farmland, rolling hills and mountain views, the village symbolizes the District's history of agriculture and the culture of the peninsula.

Central Saanich Overview

Climate



Victoria* and the South Island boast the highest annual average daytime temperatures of any city in Canada at 15 degrees Celsius. Summers are quite dry, low humidity and clear sky and the winters are temperate compared with the rest of Canada with little snow, but more cloud and rain than other areas of the country.

**Environment Canada. Meteorological Service of Canada. Canadian Climate Normals. 1981-2010 Climate Normals & Averages.*

About 2021 agricultural census data for Central Saanich

Key changes to the 2021 Census of Agriculture

Every census introduces new techniques and methodologies, with the goal to provide better service to data users, lower the burden on census respondents and manage costs. The 2021 Census of Agriculture introduced several changes as part of its modernization agenda, setting the stage for further innovations.

The key changes to the 2021 Census of Agriculture include a new conceptual definition of a “farm” or an “agricultural holding,” the increased use of data integration, a new data processing environment, a new disclosure avoidance method and the release of quality indicators for published estimates.

A new conceptual definition of a “farm” or an “agricultural holding”

A significant conceptual change to the main statistical unit used by Statistics Canada’s Agriculture Statistics Program has been introduced for the 2021 Census of Agriculture: a “farm” or an “agricultural holding” (i.e., the census farm) now refers to a unit that produces agricultural products and reports revenues or expenses for tax purposes to the Canada Revenue Agency. Before 2021, a “farm” was defined as an agricultural operation that produced at least one agricultural product intended for sale.

The migration to a new “farm” concept was in response to Statistics Canada’s modernization initiative and the transformation of the Agriculture Statistics Program. It depends on reliable, measurable, national, trans-industry signals from the Canada Revenue Agency to define and maintain the agriculture frame. A single “farm” definition across all agriculture statistics programs at Statistics Canada allows for better data comparability and interpretability across programs. The new definition removed the ambiguity in the interpretation of a farm and focuses on business-driven operations.

The application of the new “farm” concept will affect the comparability of farm counts with previous censuses.

Canadian Agriculture Overview from Statistics Canada related to 2021 census

The agriculture industry is one that must always adapt quickly to multiple challenges, such as extreme weather events, trade disputes and fluctuating prices. More recently, the COVID-19 pandemic added to these challenges in the form of labour shortages, disruptions in the food supply chain, and rising input prices. All of these issues play a role in the well-being of farm operators. In view of these challenges, collecting information about the status and resiliency of the agricultural sector is important.

Today, Statistics Canada is releasing results from the 2021 Census of Agriculture, which provides new information about emerging trends and issues faced by farm operators in Canada. Statistics Canada owes a debt of gratitude to Canadian farmers who took the time to answer the Census of Agriculture questions in these difficult times.

Data from the Census of Agriculture indicate that trends identified in previous census cycles, such as industry consolidation and aging of farm operators, have continued in 2021. At the same time, the agriculture industry is adapting and modernizing, with higher rates of technology adoption, renewable energy production, use of direct marketing solutions, and sustainable farming practices.

In addition, the 2021 Census of Agriculture shows that livestock inventories and acreage for prominent crops have remained quite stable and even increased modestly since 2016, suggesting that farmers have proven to be resilient in the face of COVID-19 challenges. The industry has also been characterized by the emergence of niche sectors, as evidenced by the increase in the total reported area for greenhouses.

In 2021, the Census of Agriculture counted 189,874 farms, a moderate decrease of 1.9% from 2016. While farms in Canada reported a 3.2% decrease in total farm area from 2016, the total area for hay and field crops increased slightly, by 0.3%, to 92.9 million acres in 2021. The number of head reported for major livestock categories has also increased modestly since 2016.

Farms classified as oilseed and grain continue to make up the largest proportion of farms in Canada. In 2021, there were 65,135 oilseed and grain farms, accounting for 34.3% of total farms. This was followed by beef and feedlots (20.9%). Meanwhile, 82.7% of total farm area was accounted for by these two sectors, totalling 127.1 million acres.

Over the next few months, Statistics Canada will continue to present data trends on issues faced by the Canadian agriculture industry, and introduce new ways to access the Census of Agriculture data, including information about local trends.

Change in the farm definition

A significant conceptual change to the main statistical unit used by Statistics Canada's Agriculture Statistics Program has been introduced for the 2021 Census of Agriculture: a "farm" or an "agricultural holding" (i.e., the census farm) now refers to a unit that produces agricultural products and reports revenues or expenses for tax purposes to the Canada Revenue Agency. Before 2021, a "farm" was defined as an agricultural operation that produced at least one agricultural product intended for sale. The change in the new farm definition may result in farms being classified differently across farm types than in previous censuses. As a result, comparisons with earlier census results should be interpreted with caution. Readers are invited to consult the Note to readers for more information on definitional changes since 2016.

Large farms continue to change the face of the agriculture industry

Over time, farms have been evolving to become increasingly sophisticated businesses that harmonize automation, modernization and production operations. As a result, many farms have consolidated and become increasingly larger both in terms of sales and number of employees. Conversely, smaller and mid-sized farms are declining in Canada, thereby impacting the rural landscape and profile of Canadian regions.

Continuing the trend of farm consolidation from the previous census, the proportion of farms in the top two sales classes increased, while the number of smaller farms declined. The proportion of farms with sales of \$1 million or more in 2020 was 9.9%, up from 7.2% in 2015.

Farms in the top sales classes also account for the largest share of total farm operating revenues and a larger share of total farm employees. For example, in 2021, farms reporting at least \$2 million in sales accounted for 51.5% of total farm operating revenues. This compared with 41.5% in 2016.

Canadian Agriculture Overview from Statistics Canada related to 2021 census - cont'd

Farms preparing to pass on to the next generation

The aging of Canadian farmers is not a new phenomenon and follows general population trends. Recently released data from the 2021 Census of Population indicated that the median age of Canadians was 41.6 years (up from 41.2 in 2016) and that 33.1% of Canadians were at least 55 years old.

The average age of Canada's farm operators increased by 1.0 year, to 56.0 years in 2021. Meanwhile, the median age of farm operators rose by 2.0 years from the previous census, reaching 58.0 years in 2021.

The proportion of farm operators aged 55 and older (older operators) grew by 6.0 percentage points from the previous census. In 2016, 54.5% of operators were aged 55 and older, increasing to 60.5% in 2021. Conversely, Canada's share of young operators was 8.6%, down slightly from 9.1% in 2016.

The challenges associated with the COVID-19 pandemic and the aging of Canadian farmers may have caused some farm operators to consider succession plans for their farms. In 2021, 6,673 more farms reported having a succession plan than in 2016.

The proportion of farms in Canada reporting a succession plan increased from 8.4% in 2016 to 12.0% in 2021. As was the case in the previous census, farms classified as oilseed and grain farming accounted for the largest share (44.5%) of farms reporting a succession plan in 2021.

From 2016 to 2021, intermediate-sized farms reporting operating revenues from \$50,000 to \$99,999 reported the highest proportional increase (+3.9 percentage points) in succession planning compared with the other sales classes.

Industry consolidation and aging of farmers have led to fewer farms and farm operators

As a result of industry consolidation and aging of farm operators, the number of farms dropped by 1.9% from 2016 (193,492 farms) to 2021 (189,874 farms). The decline in the number of farms, however, was the smallest in 25 years.

The decrease in the number of farms resulted in a 3.5% decline in the number of farm operators reported from the previous census. In 2016, there were 271,935 farm operators, and by 2021 the number decreased to 262,455.

At the same time, the number of female operators has increased for the first time since 1991. In 2021, there were 79,795 female farm operators, up from 77,970 in 2016. In 2021, 30.4% of total farm operators were female, up from 28.7% in 2016.

Higher land values may represent a barrier to entry into the industry

The price of land is an important factor in the investment and management decisions of farms, particularly in an environment increasingly defined by large market players. Strong commodity prices, low interest rates and a growing demand for housing in urban areas have been identified as contributing factors to the rising value of farmland in Canada.

The reported total market value of land and buildings for farms in Canada increased by 22.7% (in constant 2021 dollars) from the previous census, totalling \$603.8 billion in 2021. The market value of owned land, buildings and fixed equipment increased by 19.1% from 2016, to \$420.9 billion in 2021. The market value of land and buildings rented from others or governments totalled \$182.9 billion in 2021, up 32.0% from 2016.

The market value of all farm vehicles, machinery and equipment increased by 3.9% from the previous census, reaching \$64.4 billion in 2021.

Sustainable practices becoming a hallmark of the agriculture industry

Another source of transformation in the agriculture sector is the use of sustainable practices to cope with climate change. These adaptations are important, as the frequency of extreme climate events has increased in recent years and such events could represent a challenge for the industry in years to come.

Land practice methods include in-field winter grazing or feeding, rotational grazing, plowing down green crops, planting winter cover crops, and having shelterbelts or windbreaks. In 2020, 64.5% of farms reported land practices, up from 53.7% in 2015.

Canadian Agriculture Overview from Statistics Canada related to 2021 census - cont'd

Another way Canadian farms have adapted to warmer and drier conditions has been by shifting their focus to more drought-tolerant crops, such as barley. From 2016 to 2021, farms in Canada reported a 24.3% increase in barley acreage. This was the biggest percentage increase among the top 10 contributors of hay and field crops reported in Canada. In 2016, farms reported 6.7 million acres of barley, and by 2021 there were 8.3 million acres.

In response to the growing demand for organic products, the number of farms that reported producing organic products increased 31.9% from the previous census. In 2021, 5,658 farms reported growing organic products. These farms made up 3.0% of total farms in 2021, compared with 2.2% in 2016.

Farmers are transitioning towards renewable energy production

Over the past few years, numerous programs and policies have been implemented by governments to encourage farmers to adopt renewable energy production methods, such as solar energy production.

In 2021, there were more than twice as many farms reporting renewable energy production than in the previous census. The number of farms reporting renewable energy production increased from 10,185 in the previous census to 22,576 in 2021.

Expressed as a proportion of total farms, close to 1 in 8 farms in Canada (11.9%) reported some form of renewable energy production in 2021, more than double the rate (5.3%) in the previous census. Solar energy production remained the most common form of renewable energy production on Canadian farms, as the number of farms that reported producing this form of energy increased by 66.5% from the previous census to 2021.

Technology use is another growing trend in the agriculture industry as it improves the accuracy and efficiency of farm processes and helps farms stay competitive in the global trade market. Examples of technologies that became more prominent from 2015 to 2020 include automated guidance steering systems (+28.2%) and geographic information system mapping (+58.6%).

Farmers ensuring that Canada's agricultural outputs are maintained during the pandemic

Data from the 2021 Census of Agriculture show that livestock inventories and acreage for prominent crops have remained quite stable and even increased modestly since 2016. As noted above, total hay and field crop area increased by 0.3% since 2016, to 92.9 million acres.

As was the case in 2016, canola remained the top crop acreage in Canada among all types of hay and field crops in 2021, despite a ban from China that restricted total canola exports from Canada in 2018 and 2019. In 2021, farms in Canada reported 22.3 million acres of canola, an 8.1% increase in canola acreage from the previous census. The number of farms reporting canola rose 0.8% from 2016 to 2021.

Canola acreage was not the only field crop to increase from the previous census. For example, farms reported a 2.1% increase in spring wheat acreage from 2016. Spring wheat remained the second-largest crop reported in Canada in 2021, with 16.0 million acres, followed by barley, alfalfa and durum wheat.

Livestock numbers remaining steady despite pandemic and labour challenges

The pandemic posed many challenges to the Canadian livestock sector from 2020 to 2021. One of the more significant challenges was the early shutdown of meat processing facilities in an effort to contain outbreaks of COVID-19. A labour shortage further challenged the meat processing industry.

Cattle and calf inventories increased slightly from the previous census. In 2021, farms in Canada reported 12.6 million total cattle, up from 12.5 million in 2016. The percentage increase in milk cows, steers and beef cows offset declines in heifers for slaughter, heifers for dairy herd replacement, heifers for beef herd replacement and bulls.

Farms in Canada reported a 3.4% increase in the number of hogs and pigs from the previous census. In 2021, there were 14.6 million hogs and pigs in Canada, up from 14.1 million in 2016. During the same period, total exports in Canadian dollars for hogs and pigs to the United States increased 27.7%. While the number of hogs and pigs increased, the number of farms reporting hogs and pigs decreased 11.7%, indicating growing concentration within the industry.

Canadian Agriculture Overview from Statistics Canada related to 2021 census - cont'd

The total number of sheep and lambs edged down 0.2% from the previous census, with a total count of 1.1 million head in 2021. Meanwhile, the number of farms reporting sheep and lambs decreased 9.6% over that period. In 2016, there were 9,390 farms reporting sheep and lambs, and by 2021 the number decreased to 8,487.

The total number of chickens in Canada increased by 4.7% from the previous census, for a total of 152.3 million head in 2021, despite a decrease in the number of farms reporting chickens (-1.5%). The increase in chicken inventories was driven by farms with sales of at least \$2 million, where the respective farm numbers rose 27.9%, up from 949 in 2016. Meanwhile, the number of turkeys decreased 27.8%, while the number of farms reporting turkeys declined 17.3% from 2016 to 2021.

Greenhouse sector is emerging as a key industry in Canadian agriculture

One development in the horticulture sector has been the growth of the greenhouse industry, which constitutes an alternative way to provide a steady supply of fresh produce to local communities.

Farms in Canada reported a 23.2% increase in total greenhouse area from the previous census, to 330.5 million square feet in 2021. Meanwhile, the total greenhouse area for fruit and vegetables was 219.7 million square feet in 2021, which accounted for around two-thirds (66.5%) of Canada's total greenhouse area.

Meanwhile, the total area of fruits, berries and nuts increased 0.4%, from 332,812 acres in 2016 to 334,182 acres in 2021. Conversely, the total area of field vegetables decreased slightly to 260,757 acres, down from 270,294 acres in 2016.

Farms incur 83 cents in expenses for every dollar of revenue

Farm operating revenues in Canada totalled \$87.0 billion in 2020, while expenses reached \$72.2 billion. On average, for every dollar in revenues, farms incurred 83 cents in expenses. The expenses-to-revenues ratio across farm types shows that farms classified as oilseed and grain farming were the most profitable farm type in 2020, with an expenses-to-revenues ratio of 0.76. Conversely, sheep and goat farms had the highest ratio, at 0.97.

Farmers are adapting the ways they sell to people during the pandemic

In response to pandemic-related health measures that limited contacts, direct delivery to consumers became the second most frequently reported direct sales method, behind on-site stands, in 2020. Half (50.1%) of the farms that reported direct sales used direct delivery.

Both the proportion and number of farms reporting direct sales increased from the previous census. In 2020, 13.6% of farms reported direct sales, up from 12.7% in 2015, while the number of farms reporting such sales increased from 24,510 to 25,917 during the same period.

As was the case in the previous census, vegetable and melon farms were the most likely to report direct sales. In 2020, 52.2% of farms classified as vegetable and melon reported direct sales, up from 50.2% in 2015.

Smaller farms are more reliant on direct sales

Direct sales made up a bigger part of smaller farms' total operating revenue. In 2020, farms with less than \$10,000 in sales accounted for nearly half (47.9%) of farms in which direct sales represented more than three-quarters of total farm operating revenues. Meanwhile, farms with \$2 million or more in sales accounted for 0.8% of farms in which direct sales represented more than three-quarters of total revenues.

More farm operators are turning to off-farm work

The number of farm operators working off the farm increased by 3.8% from the previous census. In 2020, 47.7% of farm operators in Canada reported off-farm work. In 2015, there were 120,665 farm operators reporting off-farm work, and by 2020 the number increased to 125,280.

Of these farm operators, the proportion who worked off the farm on a full-time basis declined slightly from 68.1% in 2015 to 66.0% in 2020, while the number of those working part time off the farm increased from 31.9% to 34.0%.

Canadian Agriculture Overview from Statistics Canada related to 2021 census - cont'd

Definitions and concepts

The data displayed by geography have undergone random tabular adjustment. The Canada total data for geographic breakdowns may differ from the Canada total data displayed in tables by North American Industry Classification System (NAICS) category and sales class.

The data for Yukon and the Northwest Territories are not included in the national totals; they are presented separately.

The Census of Agriculture is conducted every five years and is a census of all agricultural operations that produces agricultural products and reports revenues or expenses for tax purposes to the Canada Revenue Agency. Important concepts used in this analysis include:

Total farm area, which is land owned or operated by an agricultural operation, includes: cropland, summer fallow, improved and unimproved pasture, woodlands and wetlands, all other land (including idle land and land on which farm buildings are located).

Farm type is established through a procedure that classifies each census farm according to the predominant type of production. This is done by estimating the potential revenues from the inventories of crops and livestock reported on the questionnaire and determining the product or group of products that make up the majority of the estimated receipts. For example, a census farm with total potential revenues of 60% from hogs, 20% from beef cattle and 20% from wheat, would be classified as a hog and pig farm. The farm types presented in this document are derived based on the 2017 NAICS.

Farm operator refers to any person responsible for the management decisions in operating a farm or agricultural operation. Also known as an agricultural operator, farmer, operator or rancher.

Farm employees include both farm operators and agricultural workers.

Price indexes were used to obtain constant dollar estimates of sales, export values and farm assets in order to eliminate the impact of price change in year-to-year comparisons.

Farm operating revenues

Farm operating revenues come from the Agriculture Taxation Data Program (ATDP). Previously, revenues for agricultural operations were reported to the Census of Agriculture. Caution should be taken when comparing the 2021 Census of Agriculture data with previous censuses.

The Census of Agriculture measures farm operating revenues (in current dollars) for the calendar or accounting year prior to the census. Farm operating revenues (before deducting expenses) in this analysis include: operating revenues from all agricultural products sold, program payments and custom work revenues.

The following are not included in farm operating revenues: sales of forestry products (for example: firewood, pulpwood, logs, fence posts and pilings); sales of capital items (for example: quota, land, machinery); and revenues from the sale of any goods purchased only for retail sales.

Total operating expenses

Total operating expenses come from the ATDP. Previously, expenses for agricultural operations were reported to the Census of Agriculture. Caution should be taken when comparing the 2021 Census of Agriculture data with previous censuses.

The Census of Agriculture measures operating expenses (in current dollars) for the calendar or accounting year prior to the census. Total operating expenses include any expense associated with producing agricultural products (such as the cost of seed, feed, fuel, fertilizers).

The following are not included in total operating expenses: the purchase of land, buildings or equipment, and depreciation or capital cost allowance. Depreciation represents economic "wear and tear" expense. Capital cost allowance represents the amount of depreciation written off by the tax filer as allowed by tax regulations.

Canadian Agriculture Overview from Statistics Canada related to 2021 census - cont'd

Expenses-to-revenues ratio

The expenses-to-revenues ratio is the average amount of operating expenses incurred for a dollar in farm operating revenues. The ratio is calculated in current dollars.

Census Day was May 11, 2021. Farmers were asked to report their operating revenues and expenses for the last complete fiscal or calendar year (2020).

Full-time employment is classified as farm operators who worked 30 hours or more per week; **part-time employment** is classified as farm operators who worked less than 30 hours per week.

Some data refer to a reference period other than Census Day. For example, for financial data the reference period is the calendar or accounting (fiscal) year prior to the census.

Statistics Canada's ongoing commitment to reduce the response burden of farmers

In an attempt to reduce the response burden on farmers while continuing to provide quality statistical information, Statistics Canada launched an initiative to move beyond a survey-first approach. This was done by using alternative data such as Earth Observation and tax data, and advanced technologies such as modelling and machine learning, to replace traditional surveys.

You can read more about this initiative in the StatCan Blog: Reducing the response burden imposed on farmers and businesses. <https://www.statcan.gc.ca/en/blog/cs/response>

Farms classified by farm type in Central Saanich

2021

North American Industry Classification System (NAICS*)	# of Farms	North American Industry Classification System (NAICS*)	# of Farms
Total number of farms	152	All other miscellaneous crop	7
Oilseed and grain farming	4	Cattle ranching and farming	9
Soybean	0	Beef cattle ranching and farming, including feedlots	9
Oilseed (except soybean)	0	Dairy cattle and milk production	0
Dry pea and bean	0	Hog and pig farming	0
Wheat	2	Poultry and egg production	15
Corn	0	Chicken egg production	11
Other grain	2	Broiler and other meat-type chicken production	1
Vegetable and melon farming	24	Turkey production	1
Potato	0	Poultry hatcheries	0
Other vegetable (except potato) and melon	24	Combination poultry and egg production	1
Fruit and tree nut	22	Sheep and goat farming	11
Greenhouse, nursery and floriculture production	22	Sheep	9
Mushroom production	0	Goat	2
Other food crops grown under cover	8	Other animal production	26
Nursery and tree production	13	Apiculture	2
Floriculture production	1	Horse and other equine production	18
Other crop farming	19	Fur-bearing animal and rabbit production	0
Tobacco	0	Animal combination	6
Hay	10	All other miscellaneous animal production	0
Fruit and vegetable combination	2		
Maple syrup and products	0		

*The North American Industry Classification System (NAICS) has been developed by the statistical agencies of Canada, Mexico and the United States.

Farms classified by total farm area

2021

Farms classified by area in crops and summerfallow

Total farm area distribution	# of farms
Total number of farms	152
Under 10.00 acres	87
10.00 to 69.99 acres	54
70.00 to 129.99 acres	6
130.00 to 179.99 acres	2
180.00 to 239.99 acres	0
240.00 to 399.99 acres	2
400.00 to 559.99 acres	1
560.00 acres and over	0

Crop and summerfallow area distribution	# of farms
Total number of farms	152
0 acres	34
0.01 to 9.99 acres	83
10.00 to 69.99 acres	26
70.00 to 129.99 acres	5
130.00 to 179.99 acres	1
180.00 to 239.99 acres	0
240.00 to 399.99 acres	2
400.00 to 559.99 acres	1
560.00 acres and over	0

Farms classified by operator arrangement in Central Saanich

2021

Operating arrangement	# of Farms
Total number of farms	152
Sole proprietorship	64
Partnership	64
Family corporation	22
Non-family corporation	2
Other operating arrangements	0

Farms classified by total farm capital

2021

Total farm capital distribution	# of Farms	Total farm capital distribution	# of Farms
Total number of farms	152	\$500,000 - 999,999	20
Under \$100,000	5	\$1,000,000 - 1,499,999	20
\$100,000 - 199,999	2	\$1,500,000 - 1,999,999	29
\$200,000 - 349,999	3	\$2,000,000 - 3,499,999	40
\$350,000 - 499,999	4	\$3,500,000 and over	29

Farms classified by operator arrangement in Central Saanich

2021

Operating arrangement	Unit of measure	2021
Total farm capital	Number of farms reporting Market value in dollars	152 439,610,964
Value of farm machinery, equipment and vehicles	Number of farms reporting Market value in dollars	134 14,128,910
Value of livestock and poultry	Number of farms reporting Market value in dollars	96 1,703,503
Value of land and buildings, total	Number of farms reporting Market value in dollars	152 423,778,551
Value of land and buildings, owned	Number of farms reporting Market value in dollars	146 313,593,551
Value of land and buildings, rented or leased from others	Number of farms reporting Market value in dollars	31 110,185,000

Farms classified by total operating revenue in Central Saanich

2021

Total farm revenues distribution	# of Farms	Total farm revenues distribution	# of Farms
Total number of farms	152	\$50,000 - 99,999	12
\$0	2	\$100,000 - 249,999	14
\$1 - 9,999	74	\$250,000 - 499,999	2
\$10,000 - 24,999	29	\$500,000 - 999,999	3
\$25,000 - 49,999	9	\$1,000,000 - 1,999,999	4
		\$2,000,000 and over	3

Direct sales of agricultural products to consumers

2021

Total farm revenues distribution	# of Farms	Total farm revenues distribution	# of Farms
Total number of farms reporting direct sales	86	Method - Community Supported Agriculture (CSA)	5
Type - Unprocessed agricultural products	85	Method - Other	4
Type - Value-added products	10	% of total operating revenues - 0%	66
Method - On-site farm stores, standsm kiosks		% of total operating revenues - From 1% to 0%	3
U-pick or farm gate sales	68	% of total operating revenues - From 6% to 25%	9
Method - Off-site farm stores or stands	8	% of total operating revenues - From 26% to 50%	3
Method - Farmers markets	14	% of total operating revenues - From 51% to 75%	12
Method - Direct deliveries to consumers	35	% of total operating revenues - From 76% to 99%	14
		% of total operating revenues - 100%	45

Paid agriculture labour in Central Saanich

2021

Paid agricultural workers	Unit of measure	2021
Full-time workers (year-round)	Number of farms reporting	19
	Number	86
Part-time workers (year-round)	Number of farms reporting	17
	Number	49
Seasonal or temporary workers	Number of farms reporting	17
	Number	208
Agricultural workers, total	Number of farms reporting	29
	Number	343
Agricultural workers, family members	Number of farms reporting	15
	Number	34

Central Saanich Census Data

Succession plan for the agricultural operation

Succession plan	# of Farms
Written succession plan	16
Includes 1 or more family members	16
Includes 1 or more non-family members	0
Verbal succession plan only	28
No succession plan	108

2021

Land practices and land features

Land practices and land features	# of Farms
In-field winter grazing or feeding	35
Rotational grazing	36
Plowing down green crops	20
Planting winter cover crops	27
Shelterbelts or windbreaks (natural or planted)	66

Land-use in Central Saanich

2021

Land-use	Unit of measure	2021
Total farm area	Number of farms reporting	152
Land in crops (excluding Christmas tree area)	Number of farms reporting	118
	Acres	2,679
	Hectares	1,084
Summerfallow land	Number of farms reporting	13
	Acres	95
	Hectares	38
Chemfallow only	Number of farms reporting	0
Summerfallow, tilled only	Number of farms reporting	13
	Acres	95
	Hectares	38
Chemical or tillage weed control on the same land	Number of farms reporting	0
Tame or seeded pasture	Number of farms reporting	21
Natural land for pasture	Number of farms reporting	48
Woodlands or wetlands	Number of farms reporting	36
Christmas trees grown for sale	Number of farms reporting	5
	Acres	63
	Hectares	26
All other land	Number of farms reporting	107

Field crops and hay in Central Saanich

2021

Field crops and hay	Unit of measure	2021
Total field crops and hay	Number of farms reporting Acres Hectares	64 1,733 701
Wheat, total	Number of farms reporting Acres Hectares	4 260 105
Spring wheat (excluding durum)	Number of farms reporting Acres Hectares	4 253 102
Durum	Number of farms reporting	0
Winter wheat	Number of farms reporting	1
Oats	Number of farms reporting	1
Barley	Number of farms reporting	3
Mixed grains	Number of farms reporting	0
Corn, total	Number of farms reporting	2
Corn for grain	Number of farms reporting	1
Corn for silage	Number of farms reporting	1
Rye, total	Number of farms reporting	2
Fall rye	Number of farms reporting	1
Spring rye	Number of farms reporting Acres Hectares	1 4 2
Canola (rapeseed)	Number of farms reporting	0
Soybeans	Number of farms reporting	0
Flaxseed	Number of farms reporting Acres Hectares	1 7 3
Dry field peas	Number of farms reporting	0
Chick peas	Number of farms reporting	0
Lentils	Number of farms reporting	0
Faba beans	Number of farms reporting	0
Dry white beans	Number of farms reporting	0
Other dry beans	Number of farms reporting	0

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Field crops and hay in Central Saanich - cont'd

2021

Field crops and hay	Unit of measure	2021
Alfalfa and alfalfa mixtures	Number of farms reporting	1
All other tame hay and fodder crops	Number of farms reporting Acres Hectares	51 1,184 479
Forage seed to be harvested for seed	Number of farms reporting	2
Potatoes	Number of farms reporting	5
Mustard seed	Number of farms reporting	0
Sunflower seed	Number of farms reporting	1
Canary seed	Number of farms reporting	2
Ginseng	Number of farms reporting	0
Buckwheat	Number of farms reporting	0
Sugar beets	Number of farms reporting	0
Triticale	Number of farms reporting	0
Hemp	Number of farms reporting	0
Other field crops	Number of farms reporting	4

Nursery and sod in Central Saanich

2021

Nursery and sod	Unit of measure	2021
Area of nursery and sod	Number of farms reporting Acres Hectares	11 115 47
Area of sod under cultivation for sale	Number of farms reporting	0

Organic products for sale in Central Saanich

2021

Organic products for sale	Unit of measure	2021
Organic products for sale	Number of farms reporting	8
Certified organic products for sale	Acres	8
Transitional organic products for sale	Hectares	0

Field vegetables in Central Saanich

2021

Field vegetables	Unit of measure	2021
Total area of field vegetables	Number of farms reporting	42
	Acres	659
	Hectares	267
Sweet corn	Number of farms reporting	11
	Acres	153
	Hectares	62
Tomatoes	Number of farms reporting	16
Cucumbers	Number of farms reporting	17
Green peas	Number of farms reporting	12
	Acres	3
	Hectares	1
Green and wax beans	Number of farms reporting	15
	Acres	9
	Hectares	4
Cabbage, regular	Number of farms reporting	13
	Acres	70
	Hectares	28
Cabbage, chinese	Number of farms reporting	4
	Acres	1
	Hectares	0
Califlower	Number of farms reporting	10
	Acres	8
	Hectares	3
Broccoli	Number of farms reporting	12
	Acres	9
	Hectares	4
Brussels sprouts	Number of farms reporting	4
	Acres	5
	Hectares	2
Carrots	Number of farms reporting	19
	Acres	76
	Hectares	31
Rutabagas and turnips	Number of farms reporting	5
Beets	Number of farms reporting	19
	Acres	22
	Hectares	9
Radishes	Number of farms reporting	11

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Field vegetables in Central Saanich - cont'd

2021

Field vegetables	Unit of measure	2021
Onions, green / shallots	Number of farms reporting	14
	Acres	8
	Hectares	3
Onions, dry	Number of farms reporting	10
Garlic	Number of farms reporting	24
	Acres	12
	Hectares	5
Celery	Number of farms reporting	7
	Acres	4
	Hectares	2
Lettuce	Number of farms reporting	16
	Acres	61
	Hectares	25
Kale	Number of farms reporting	14
	Acres	27
	Hectares	11
Rhubarb	Number of farms reporting	12
	Acres	8
	Hectares	3
Spinach	Number of farms reporting	10
	Acres	2
	Hectares	1
Peppers	Number of farms reporting	11
Pumpkins	Number of farms reporting	19
	Acres	51
	Hectares	21
Squash and zucchini	Number of farms reporting	24
	Acres	64
	Hectares	26
Asparagus, producing	Number of farms reporting	4
	Acres	3
	Hectares	1
Asparagus, non-producing	Number of farms reporting	2
	Acres	1
	Hectares	0
Other field vegetables	Number of farms reporting	14
	Acres	46
	Hectares	19

Fruits in Central Saanich

2021

Fruits	Unit of measure	2021
Total area of fruits	Number of farms reporting	60
	Acres	174
	Hectares	70
Apples	Number of farms reporting	22
	Acres	22
	Hectares	9
Pears	Number of farms reporting	11
	Acres	3
	Hectares	1
Plums and prunes	Number of farms reporting	13
	Acres	5
	Hectares	2
Cherries (sweet)	Number of farms reporting	6
	Acres	2
	Hectares	1
Cherries (sour)	Number of farms reporting	2
	Acres	1
	Hectares	0
Peaches	Number of farms reporting	1
Apricots	Number of farms reporting	1
Grapes	Number of farms reporting	15
	Acres	58
	Hectares	23
Strawberries	Number of farms reporting	16
	Acres	29
	Hectares	12
Raspberries	Number of farms reporting	16
	Acres	17
	Hectares	7
Cranberries	Number of farms reporting	0
Blueberries, total	Number of farms reporting	18
Blueberries, highbush	Number of farms reporting	18
Blueberries, lowbush	Number of farms reporting	0

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Fruits in Central Saanich - cont'd

2021

Fruits	Unit of measure	2021
Saskatoons	Number of farms reporting	1
Blackcurrants, redcurrants and whitecurrants	Number of farms reporting	3
	Acres	3
	Hectares	1
Haskaps	Number of farms reporting	1
Other fruits, berries and nuts	Number of farms reporting	17
	Acres	17
	Hectares	7

Greenhouse products

2021

Greenhouse products	Unit of measure	2021
Total greenhouse are in use	Number of farms reporting	22
	Square feet	399,053
	Square metres	37,073
Greenhouse fruits and vegetables	Number of farms reporting	17
	Square feet	189,997
	Square metres	7,651
Greenhouse tomatoes	Number of farms reporting	13
	Square feet	27,947
	Square metres	2,596
Greenhouse cucumbers	Number of farms reporting	10
Greenhouse peppers	Number of farms reporting	13
	Square feet	54,824
	Square metres	5,093
Greenhouse herbs	Number of farms reporting	8
	Square feet	3,718
	Square metres	345
Other greenhouse fruits and vegetables	Number of farms reporting	11
	Square feet	71,880
	Square metres	6,678
Cut flowers	Number of farms reporting	3
	Square feet	178,002
	Square metres	16,537
Potted plants	Number of farms reporting	6
	Square feet	25,547
	Square metres	2,373
Other greenhouse products	Number of farms reporting	5
Total area under glass, plastic, or other protection	Number of farms reporting	22
	Square feet	498,847
	Square metres	46,344

Mushrooms in Central Saanich

2021

Mushrooms	Unit of measure	2021
Total growing area for mushrooms	Number of farms reporting	1
Total growing area for Agaricus mushrooms	Number of farms reporting	0
Total growing area for specialty mushrooms	Number of farms reporting	1
Total growing area for specialty mushrooms, grown on bags	Number of farms reporting	0
Total growing area for specialty mushrooms, grown on natural wood logs	Number of farms reporting Square feet Square metres	1 240 22
Total growing area for specialty mushrooms, grown using other methods	Number of farms reporting	0

Tillage and seeding practices in Central Saanich

2021

Tilling paractices	Unit of measure	2021
Total prepared land for seeding	Number of farms reporting Acres Hectares	79 1,838 744
No-till seeding or zero-till seeding	Number of farms reporting	28
Tillage retaining most crop residue on surface	Number of farms reporting	17
Tillage incorporating most crop residue into soil	Number of farms reporting Acres Hectares	39 1,217 492

Land inputs, manure and irrigation in Central Saanich

2021

Land inputs, manure and irrigation	Unit of measure	2021
Treated seed, prior to planting	Number of farms reporting Acres Hectares	8 480 194
Herbicides	Number of farms reporting Acres Hectares	18 763 309
Insecticides	Number of farms reporting Acres Hectares	6 122 49

Land inputs, manure and irrigation in Central Saanich - cont'd

2021

Land inputs, manure and irrigation	Unit of measure	2021
Fungicides	Number of farms reporting	6
	Acres	122
	Hectares	49
Commercial fertilizer	Number of farms reporting	58
	Acres	1,483
	Hectares	600
Lime	Number of farms reporting	21
	Acres	199
	Hectares	81
Trace minerals and nutrients	Number of farms reporting	15
Manure applied	Number of farms reporting	48
Solid or compost manure, incorporated into soil	Number of farms reporting	31
Solid or composted manure, not incorporated into soil	Number of farms reporting	31
Liquid manure, injected or incorporated into soil	Number of farms reporting	1
Liquid manure, not incorporated into soil	Number of farms reporting	0
Irrigation	Number of farms reporting	97
	Acres	1,468
	Hectares	594

Bees in Central Saanich

2021

Land inputs, manure and irrigation	Unit of measure	2021
Honeybees, live colonies	Number of farms reporting	7
Other pollinating bees, gallons	Number of farms reporting	8

Sheep inventory on farms in Central Saanich

2021

Sheep	Unit of measure	2021
Total sheep	Number of farms reporting	23
	Number of animals	441
Rams	Number of farms reporting	11
	Number of animals	18
Ewes	Number of farms reporting	23
	Number of animals	189
Lambs, total	Number of farms reporting	18
	Number of animals	234

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Sheep inventory on farms in Central Saanich - cont'd

2021

Sheep	Unit of measure	2021
Lambs, replacement	Number of farms reporting Number of animals	8 34
Lambs, market	Number of farms reporting Number of animals	16 200

Cattle inventory on farms in Central Saanich

2021

Cattle	Unit of measure	2021
Total cattle	Number of farms reporting	16
Calves (under 1 year)	Number of farms reporting	14
Steers	Number of farms reporting	14
Heifers, total	Number of farms reporting	9
Heifers, for slaughter or feeding	Number of farms reporting	5
Heifers, for beef herd replacement	Number of farms reporting	7
Heifers, for dairy herd replacement	Number of farms reporting	0
Cows, total	Number of farms reporting	8
Cows, beef	Number of farms reporting	8
Cows, dairy	Number of farms reporting	0
Bulls	Number of farms reporting	4

Pig inventory on farms in Central Saanich

2021

Pigs	Unit of measure	2021
Total pigs	Number of farms reporting Number of animals	12 86
Sows and gifts for breeding	Number of farms reporting Number of animals	5 10
Boards for breeding	Number of farms reporting	3
Suckling pigs, less than 15 lbs (7 kg)	Number of farms reporting Number of animals	2 29
Weanling, nursery or starter pigs, 15 to 49 lbs (7 kg) (7 to 22kg)	Number of farms reporting	2
Market pigs, 15 lbs (23 kg) and over	Number of farms reporting	4

Other livestock inventories on farms in Central Saanich

2021

Other livestock	Unit of measure	2021
Horses and ponies	Number of farms reporting Number of animals	24 212
Donkeys and mules	Number of farms reporting	1
Goats	Number of farms reporting	6
Llamas and alpacas	Number of farms reporting	1
Bison (buffalo)	Number of farms reporting	0
Elk (wapiti)	Number of farms reporting	0
Deer (excluding wild deer)	Number of farms reporting	0
Rabbits	Number of farms reporting	1
Mink	Number of farms reporting	0

Poultry inventories on farms in Central Saanich

2021

Poultry inventory	Unit of measure	2021
Total hens and chickens	Number of farms reporting Number of birds	57 45,609
Pullets intended for laying table eggs, under 19 weeks	Number of farms reporting Number of birds	15 12,303
Laying hens that produce table eggs, 19 weeks and over	Number of farms reporting Number of birds	53 32,009
Layer and broiler breeders (pullets and hens), total	Number of farms reporting Number of birds	5 82
Broilers, roasters and Cornish	Number of farms reporting	9
Turkeys	Number of farms reporting Number of birds	5 136
Ducks	Number of farms reporting	11
Geese	Number of farms reporting Number of birds	6 61
Other poultry	Number of farms reporting Number of birds	8 2,026

Central Saanich Census Data

Poultry production in Central Saanich

2021

Poultry production	Unit of measure	2021
Broilers, roasters and Cornish production	Number of farms reporting	10
Turkey production	Number of farms reporting	6
	Kilograms	37,406
	Pounds	82,466

Egg production in Central Saanich

2021

Egg production	Unit of measure	2021
Table eggs	Number of farms reporting	44
	Number of eggs (dozens)	757,768
Hatching eggs	Number of farms reporting	6
	Number of eggs (dozens)	330

Commercial poultry hatcheries in Central Saanich

2021

Chicken or other poultry hatched	Unit of measure	2021
	Number of farms reporting	44
	Number of birds hatched	23,915

Technologies used in the operation

2021

Renewable energy production

Technologies	# of Farms
Automated guidance steering systems (auto-steer)	3
Geographic Information System (GIS) mapping	0
Variable-rate input application	13
Drones	0
Soil sample test	30
Slow-release fertilizer	43
Full-robotic milkers	0
Robotic Greenhouse equipment	1

Renewable energy production	# of Farms
Renewable energy production, total	15
Renewable energy production, for use on the operation	13
Renewable energy production, for sale	0
Renewable energy type, wind	0
Renewable energy type, solar	10
Renewable energy type, bioenergy, biomass combustion	0
Renewable energy type, bioenergy, biomethane	0
Renewable energy type, bioenergy, other biogas	0
Renewable energy type, bioenergy, biofuel	0
Renewable energy type, geothermal	6
Renewable energy type, other	0

Characteristics of farm operators: age, sex, and number of operators

2021

Farms according to the number of operators reported	Characteristics	2021
All farms	Total number of farms Total number of farm operators Sex - male Sex - female Age - under 35 years Age - 35 to 54 years Age - 55 years and older Age - average Age - median	152 230 125 100 10 75 140 58.3 59
Farms with one operator	Total number of farms Total number of farm operators Sex - male Sex - female Age - under 35 years Age - 35 to 54 years Age - 55 years and older Age - average Age - median	75 75 50 25 5 15 60 62.5 62
Farms with two or more operators	Total number of farms Total number of farm operators Sex - male Sex - female Age - under 35 years Age - 35 to 54 years Age - 55 years and older Age - average Age - median	150 150 75 70 10 55 85 56.2 58

Characteristics of farm operators: farm work and other paid work

2021

Farm work and other paid work, on average	# of Farms
Total number of farm operators	230
Farm work - less than 20 hours per week	115
Farm work - 20 to 29 hours of work per week	40
Farm work - 30 to 40 hours of work per week	35
Farm work - more than 40 hours of work per week	40
Other paid work - 0 hours per week	105
Other paid work - less than 20 hours per week	25
Other paid work - 20 to 29 hours of work per week	20
Other paid work - 30 to 40 hours of work per week	40
Other paid work - more than 40 hours of work per week	35