



Department of Agriculture and Land

Annual Report

2021-22



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Minister's Message



The Honourable Antoinette Perry
Lieutenant Governor of Prince Edward Island
P.O. Box 2000
Charlottetown, PE C1A 7N8

May it Please Your Honour:

I have the honour to submit herewith the Annual Report of the Department of Agriculture and Land for the fiscal year ending March 31, 2022.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Bloyce Thompson', with a long horizontal flourish extending to the right.

Bloyce Thompson, Minister of Agriculture
Agriculture

Deputy Minister's Message



Minister:

I am pleased to submit the Annual Report of the Department of Agriculture and Land for the fiscal year ending March 31, 2022. The report outlines the Department's activities from April 1, 2021 to March 31, 2022.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'G MacFadyen', written in a cursive style.

Gordon MacFadyen, Deputy Minister
Agriculture

Highlights and Accomplishments

While the 2020-2021 fiscal year was challenging for the Department as staff adapted to changes emerging from the COVID-19 pandemic, 2021-2022 provided even more challenges to the Department and its staff as COVID-19 continued to affect the Department and potato wart findings resulted in a massive disruption to PEI's potato and agricultural industry. During these difficult times, the Department was dedicated to working with industry and stakeholders to deliver programs and activities that responded to the needs of the agricultural community and the public. The Department continued in 2021-2022 to respond to public need by implementing new initiatives and providing services through its Divisions: Agriculture Resources; Animal Health, Regulatory and Analytical Laboratories; Land; Farm Business Risk Management; and Strategic Policy and Evaluation.

Highlights and accomplishments completed by the Department during the 2021-2022 fiscal year included:

Strategic Plan 2021-2025

This year, the Department developed a strategic plan which will guide the Department for 2021-2025. This strategic plan establishes the vision, mission, values, priorities, focus areas, and performance metrics for the Department over the five years.¹ The vision of the Department towards 2025 is "a prosperous, innovative, and sustainable agriculture industry for the benefit of all Prince Edward Islanders; responsible land stewardship based on efficient and sustainable land use planning, regulation of land ownership, and protection of the natural and built environment" (p. 1).

Next Policy Framework

The Department engaged with industry organizations, farmers, and the general public to identify priorities for the Next Policy Framework (NPF), which is a five-year Federal-Provincial-Territorial (FPT) agreement that will replace the Canadian Agricultural Partnership in 2023. The Department developed a series of *What We Heard Reports* that outlines insights and findings from research, surveys and meetings with stakeholders on the priorities for the NPF.² In November 2021, the FPT Ministers of Agriculture agreed to the *Guelph Statement* which set out the principles and priorities for the NPF (2023-2028). Guided by the *Guelph Statement*, the Department continued to collaborate with FPT counterparts to develop the new NPF for agriculture.

Potato Wart Emergency Response

In response to the potato wart crisis, the Department developed a strategic plan to address the impacts of potato wart on PEI's agriculture industry and restore market access for PEI fresh potatoes. This includes collaborating with industry and the federal government on advocacy and engagement with key stakeholders, exploring opportunities to diversify agricultural production in PEI and exports markets, taking a science-based approach to manage potato wart, and providing support to the industry through the Potato Wart Emergency Contingency Fund, the Wage Support for Potato Exporters Program, and the Potato Financing Program.

COVID-19 Support

The Department continued to provide support to industry through its programs and initiatives to assist with maintaining productivity, competitiveness and sustainability of the agriculture industry during the pandemic. Since 2020, the Department has committed over \$15.8 million to 19 initiatives to support the agriculture industry to mitigate the impacts of the COVID-19 pandemic. The

¹ More information here: www.princeedwardisland.ca/StrategicPlan

² More information here: www.princeedwardisland.ca/NPF

Department continued to monitor the performance of its COVID initiatives and updated the performance report.³

Land Policy and Services

The Department continued to deliver on its commitment to update land legislation through the Land Matters Project. The Department received the Final Report of the Land Matters Advisory Committee, *Now is the Time*, and began to act on the recommendations from this report, including introducing and passing amendments to the *Planning Act* and *Lands Protection Act*.⁴

The Department continued to improve and streamline its services provided by the Land Division to better serve clients. This included increasing human resource capacity in Montague, creating an administration and customer service training manual for staff, implementing online service tools to streamline permitting processes, creating a Complaints and Compliance Officer position to assist with day-to-day enforcement of regulations and codes, and developing tools such as a quick reference guide, checklist, and pamphlet to simplify application processes for clients.

Environment and Climate Change

This fiscal year, the Department developed and implemented several initiatives that aim to support soil health, including Soil First Farming, new Beneficial Management Practices (BMPs) to support soil health, Soil Health Improvement Plan service, and expanding the Soil Quality Monitoring Study. This is in addition to the implementation of the PEI Agriculture Climate Solutions Pilot Program, development of the Livestock Strategy, and update of the 1999 Guidelines for Manure Management for PEI.

Evaluation and Performance Monitoring

The Department continued to deliver on its commitment to transparency and making decisions on the best evidence available by monitoring and evaluating the performance, relevancy, and impact of its programs and initiatives. This fiscal year, the Department updated the performance report on its COVID-related initiatives and the performance report on the modernization of operations and program delivery through the Agricultural Insurance Corporation (AIC), completed an evaluation on CAP programs and evaluation on Agri-Food Growth Program, and released infographics to communicate the performance and impact of CAP programs.⁵ This is in addition to completing a major study of the economic impact of the dairy sector in PEI and developing a report on PEI's 2020 agriculture and agri-food international exports.⁶

Gender, Diversity and Inclusion

This fiscal year, the Department continued with its commitment to promote gender, diversity and inclusion activities within the Department and industry.⁷ Activities included participation in the Women Leaders in the Public Sector conference, department-wide promotion of GBA+ training, performance monitoring of the Department's Gender, Diversity and Inclusion Initiatives Plan, and survey to newcomers on priorities for the Next Policy Framework for agriculture. The Department also identified "diversity, inclusion, and mental wellness" as one priority of its Strategic Plan for 2021-2025 and developed a concrete action plan towards the focus area — "promote a healthy and inclusive workplace, including mental wellness for internal and external stakeholders."

³ More information here: <https://www.princeedwardisland.ca/en/publication/covid-19-response-performance-update-agriculture-and-land>

⁴ More information here: <https://www.landmatterspei.ca/>

⁵ More information here: www.princeedwardisland.ca/Performance

⁶ More information here: <https://www.princeedwardisland.ca/en/topic/economic-and-trade-research>

⁷ More information here: www.princeedwardisland.ca/GDI

Strategic Plan – Key Elements⁸

VISION

A prosperous, innovative, and sustainable agriculture industry to the benefit of all Prince Edward Islanders; responsible land stewardship based on efficient, sustainable land use planning, regulation of land ownership, and protection of the natural and built environment.



MISSION

Supporting the agriculture industry's prosperity, innovation, sustainability, and production of quality food through legislation, policies, programs, and services; providing quality land use planning, and safeguarding the natural and built environment, through the application of legislation and policy.



FOCUS AREAS

- Support the competitiveness, productivity, and profitability of the agriculture industry
- Support the expansion and diversification of markets, trade, and agricultural / agri-food products
- Promote environmental sustainability by supporting soil health and best practices in agriculture, land use planning, and inspection services
- Improve the delivery of business risk management programs
- Enhance animal health and welfare, plant health and food safety
- Provide orderly land use planning, and the protection of public health, safety, and the natural and built environment
- Improve the resilience of the provincial food system
- Improve legislation, policies, programs and services through research, performance monitoring and evaluation
- Promote a healthy and inclusive workplace, including mental wellness among stakeholders



PRIORITIES

- Economic prosperity and financial stability in the agriculture industry
- Environmental sustainability and climate change
- Animal health and welfare, and food safety
- Provincial food system resiliency
- Land protection, use, ownership, and inspection services
- Communication and engagement
- Modern programs, services, and legislation
- Diversity, inclusion, and mental wellness



VALUES

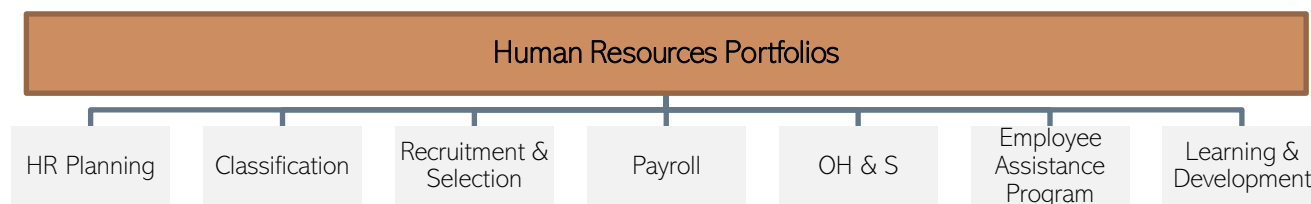
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|-----------------------|--|
| INTEGRITY | We value integrity in our work with staff and stakeholders. |
| INNOVATION | We value innovation, supporting staff and stakeholders to adopt new technologies and practices that add value to their work. |
| SUSTAINABILITY | We value environmental sustainability in agriculture, land use planning, and the natural and built environment. |
| EXCELLENCE | We value excellence and continuous improvement in our work. |
| ACCOUNTABILITY | We value accountability and our commitment to deliver quality policies, programs, and services to the public. |



⁸ Full Strategic Plan can be found at www.princeedwardisland.ca/StrategicPlan

Human Resources

The Department's Human Resources Section is part of the PEI Public Service Commission and has been assigned to the Department of Agriculture and Land to provide advice, support and assistance regarding all aspects of human resources and labour relations. The section ensures that human resource policies and programs are consistent and aligned with the Department's strategic direction, while also supporting the Department in advancing its mandate.



Areas of Focus for 2021-2022:

- ✓ Continued to communicate and promote learning opportunities for staff (e.g., PSC Pathways to Learning, Labour Relations Training, GBA+, etc.)
- ✓ Activities and planning to support the safety and wellbeing of staff during the pandemic

Human Resources as of March 31, 2022

Division	Full-Time	Part-Time	Total
Corporate and Financial Services	4	0	4
Agriculture Resources	26	1	27
Animal Health, Regulatory and Analytical Laboratories	25	3	28
Farm Business Risk Management	24	6	30
Land	44	1	45
Strategic Policy and Evaluation	9	0	9
Total	132	11	143

Employee Demographics as of March 31, 2022

	Female	Male
Average Age	44.0	47.0
Gender Distribution	50%	50%
25 Years of Service and Over	13%	10%
Senior Management by Gender	67%	33%
Manager and Supervisors by Gender	38%	62%
Non-Management by Gender	52%	48%

(Based on current staffing of 125 permanent employees.)

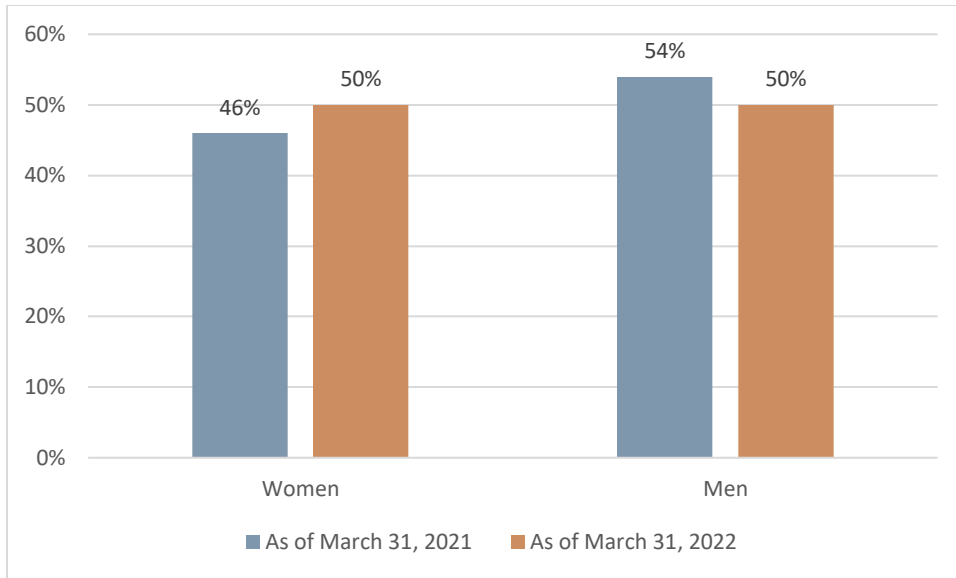


Figure 1. Staff by gender, March 31, 2022 compared to March 31, 2021.

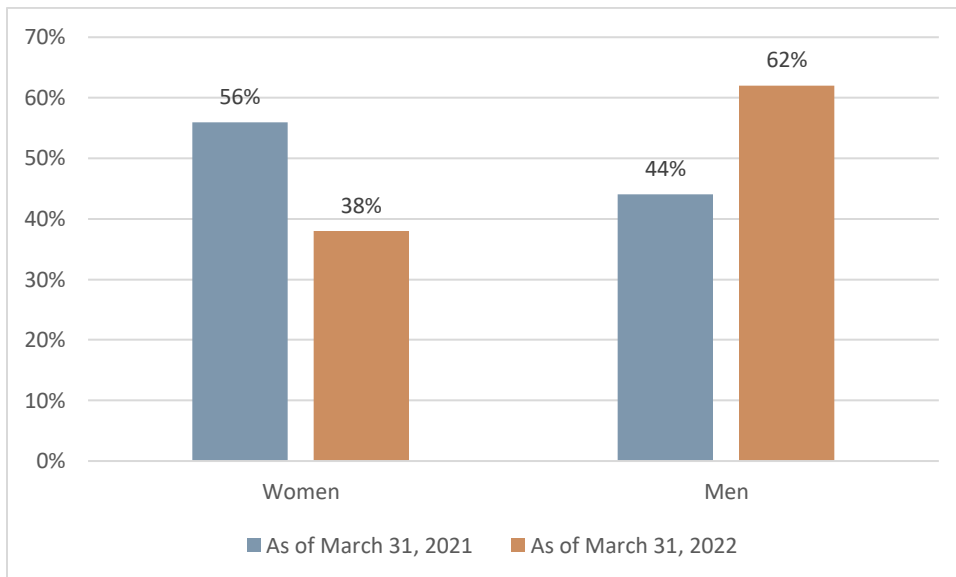


Figure 2. Managers and supervisors by gender, March 31, 2022 compared to March 31, 2021.

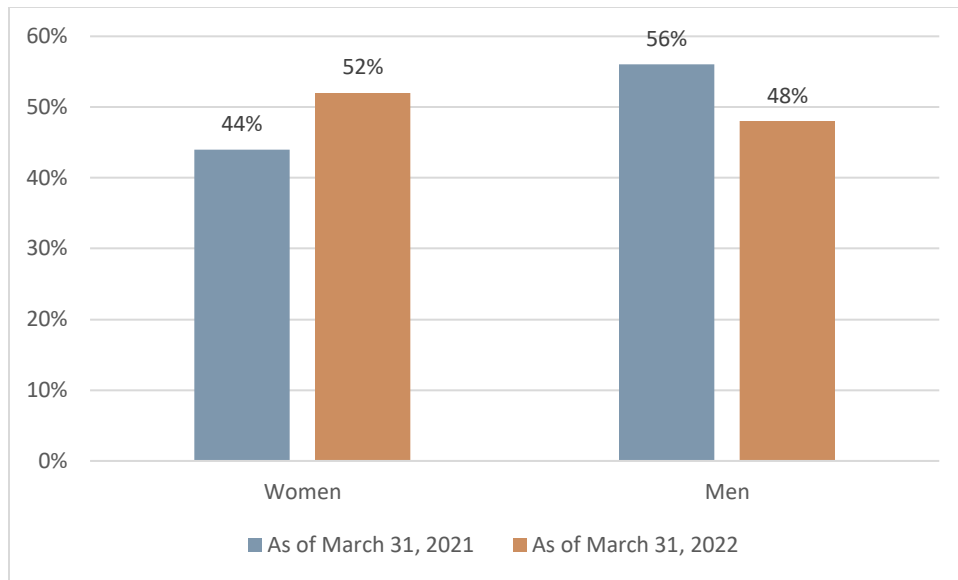
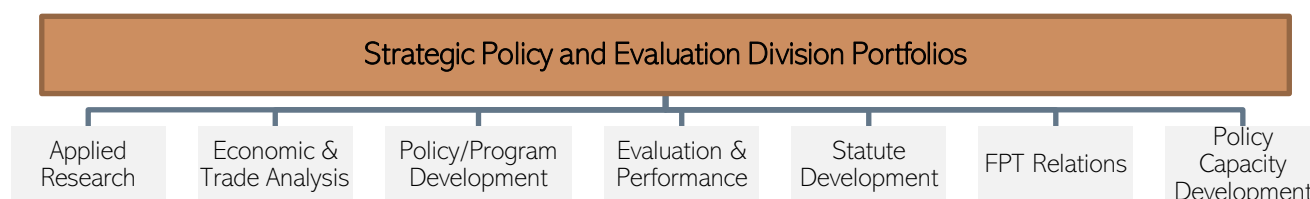


Figure 3. Non-management staff by gender, March 31, 2022 compared to March 31, 2021.

Strategic Policy and Evaluation Division

The Strategic Policy and Evaluation Division provides policy services to the Department of Agriculture and Land and the Department of Fisheries and Communities. The Division is responsible for managing and coordinating priority policy projects and working across Divisions and other areas of Government to advance the DAL and DFC's policy agenda. The Division works closely with other Divisions, Departments and levels of government to translate priorities into policies, programs and initiatives to produce measurable results.



Areas of Focus in 2021-2022

Applied Research

- ✓ Completed online surveys as part of an evaluation of the Department's Canadian Agricultural Partnership (CAP) programs
- ✓ Completed key information interviews as part of an evaluation of the Department's CAP programs
- ✓ Conducted online survey and interviews as part of an evaluation of the Department's Agri-Food Growth Program
- ✓ Completed research and analysis related to potato wart management and plant health
- ✓ Completed research and analysis related to the development of strategies for PEI's livestock sectors
- ✓ Completed research on insights and priorities for the Next Policy Framework (NPF)
- ✓ Completed research on environmental goods and services
- ✓ Developed Information Notes, Policy Research Briefs, and Jurisdictional Scans

Economic and Trade Analysis

- ✓ Continued to participate in the Atlantic Agriculture Labour Working Group
- ✓ Developed a survey for the Atlantic Agriculture Labour Working Group related to agriculture labour
- ✓ Developed a report highlighting PEI's 2020 Agriculture and Agri-Food International Exports
- ✓ Completed an economic impact analysis of PEI's Dairy Sector

Policy/Program Development

- ✓ Developed *What We Heard* Reports outlining insights from surveys and meetings to identify priorities for the NPF
- ✓ Worked with FPT counterparts in development of the new NPF
- ✓ Developed a Strategic Plan for the Department 2021-2025
- ✓ Developed a potato wart emergency response plan and the Potato Wart Emergency Contingency Fund
- ✓ Developed the COVID-19 PEI Hog Assistance Program and the COVID-19 Turnip Surplus Recovery Program
- ✓ Developed the PEI Pollination Expansion Program
- ✓ Provided support related to Marketing Council activities and Agencies, Boards and Commissions appointments for 2021/2022
- ✓ Developed a Livestock Strategy 2021-2025 for PEI

Evaluation and Performance Monitoring

- ✓ Completed survey reports for mental health responses from CAP clients, perceptions from CAP clients on the importance of gender, diversity, and inclusion
- ✓ Evaluated the Department's CAP programming
- ✓ Released infographics to communicate the performance and impact of CAP programs
- ✓ Worked with external parties to develop a collection of stories highlighting clients and projects under CAP
- ✓ Prepared performance update reports for various Department initiatives and commitments, including the Department's COVID-related initiatives, the Agricultural Insurance Corporation (AIC) modernization of operations and program delivery
- ✓ Developed an evaluation report on the Department's Agri-Food Growth Program
- ✓ Developed performance monitoring and reporting plans for strategic investments

Statute Development

- ✓ Completed legislative research for the further development of the *Veterinary Professions Act*, the *Dog Act*, the *Agricultural Insurance Act* and Regulations, and the *Animal Health Act*
- ✓ Completed research and development of amendments to the *Building Codes Act*, *Amusement Devices Act*, and the *Grain Elevators Corporation Act*
- ✓ Addressed recommendations from the Final Report of the Land Matters Advisory Committee and completed research and development of amendments to the *Planning Act* and *Lands Protection Act*
- ✓ Passed amendments to the *Architects Act*, *Lands Protection Act*, and *Planning Act*

Federal-Provincial-Territorial (FPT Relations)

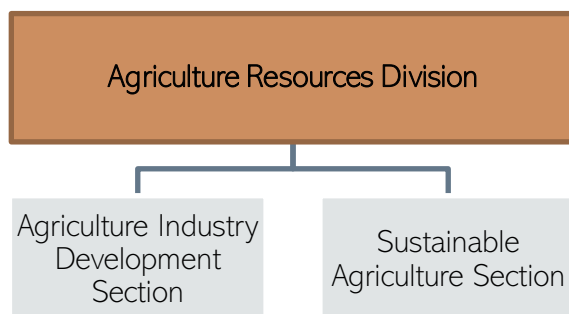
- ✓ Represented the Department on over twenty (20) FPT and PT committees and eight (8) interdepartmental committees
- ✓ Continued to communicate with Agriculture and Agri-Food Canada on priorities of mutual interest

Policy Capacity Development

- ✓ Continued to implement the Policy Capacity Development and Mentorship Program
- ✓ Provided co-chair services to the interdepartmental Policy Capacity Development Forum
- ✓ Division staff completed policy capacity training activities, including Gender-based Analysis+, the Canadian Evaluation Society's Essential Skills Series, Rapid Evidence Assessments, Unconscious Bias, Analyzing Qualitative Data, Women Leaders in the Public Sector, and Value for Money Evaluations

Agriculture Resources Division

The Agriculture Resources Division includes the Agriculture Industry Development Section and the Sustainable Agriculture Section.



Sustainable Agriculture Section

This section supports the agriculture sector in contributing to the priorities of clean soil, water and air resources, improved biodiversity, and climate change as it relates to agriculture. The section works to encourage producers to voluntarily implement Beneficial Management Practices (BMPs) through the delivery of agri-environmental programs and services; including the Agriculture Stewardship Program and Alternative Land Use Services Program.

The section also provides technical assistance and advice related to soil conservation, water quality and supply, nutrient management, crop rotation, soil health, and integrated pest management. A key role of the section is to facilitate improved environmental outcomes through collaboration, partnership and participation on various working groups and initiatives with producer organizations, research institutions, watershed groups, and others.

Areas of Focus in 2021-2022

- ✓ Through the new Agriculture Climate Action Specialist position, liaised with outside organizations on issues relating to climate change and continued the delivery of the PEI Agriculture Climate Solutions pilot program, aimed at assisting climate change mitigation for the agricultural industry
- ✓ Developed or launched the following initiatives:
 - Soil First Farming
 - New Beneficial Management Practices (BMPs) that support soil health
 - PEI Agriculture Climate Solutions Pilot Program
 - A Soil Health Improvement Plan (SHIP) service
 - Expanded the Soil Quality Monitoring Study with soil health tests on each sample
 - Two weather stations added to the existing eleven departmental weather stations
 - Program review of the Alternative Land Use Services Program, with a climate lens
 - Update of the 1999 Guidelines for Manure Management for Prince Edward Island
- ✓ Continued to deliver and support the following initiatives:
 - Delivery of the Agriculture Stewardship Program, and the Alternative Land Use Services Program (including a partnership with ALUS Canada)
 - A soil health analysis package at the PEI Analytical Laboratories; also developing an Available Water Capacity test to add to the package
 - Partnership with the Faculty of Sustainable Design Engineering (Precision Agriculture project related to soil conservation)
 - Technical support to the erosion control projects of the PEI Agri-Watershed Partnership

- Two research trials for the development of agricultural BMPs in partnership with stakeholders under Agriculture and Agri-Food Canada's Living Laboratories Initiative
- A manure sampling project to survey the nutrient content across commodities
- Management plan development under the *Agricultural Crop Rotation Act*
- Participation on the FPT Committee on Pest Management and Pesticides, Minor Use Standing Committee, and Pesticide Risk Reduction Program
- Processes related to applications for Emergency Use Registrations of pest control products
- Partnership with Dalhousie University on field trials related to soil Biological Nitrogen Availability

Agriculture Industry Development Section

This section provides resources to support agriculture industry development. Development Officers with crop and livestock commodity expertise are available to work with producers and partner with industry organizations and commodity groups on specific production-related topics, industry development projects, on-farm innovative technology demonstrations, and applied research trials.

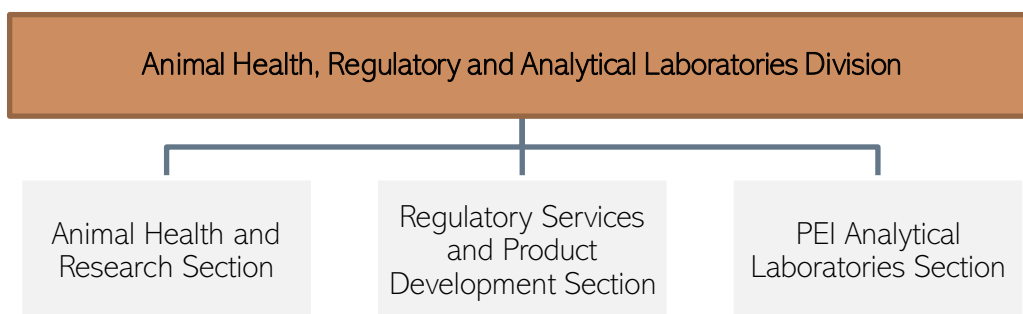
The section is responsible for the delivery of the Canadian Agriculture Partnership's Business Development Program, Applied Research and Innovation Program, the Organic Industry Development Program, Perennial Crop Development Program, Future Farmer Program and the Community Food Security and Agriculture Awareness Program.

Areas of Focus in 2021-2022

- ✓ Delivery of COVID-19 support programs for Potato and Turnip producers
- ✓ Assisted in delivering the Island Food Distribution project
- ✓ Delivery of the Potato Wart Emergency Contingency Fund
- ✓ Completed and tabled the Provincial Livestock Strategy
- ✓ Development and delivery of a community pasture enhancement project
- ✓ Delivery of the Future Farmer Program
- ✓ Development and delivery of the Abattoir Strategic Enhancement Project
- ✓ Produced the Fresh Products Directory supporting local producers
- ✓ Assisted the Minister in developing the tailgate talks media series
- ✓ Developed a Cost of Production model for grain producers
- ✓ Provided maintenance of the Department website
- ✓ Delivery of an online Class A pesticide certification training and continuing education courses
- ✓ Delivery of a Dairy Beef Cross Calf Pilot Project
- ✓ Delivery of the Pollination Expansion Program

Animal Health, Regulatory and Analytical Laboratories Division

The Animal Health, Regulatory and Analytical Laboratories Division includes the Animal Health and Research Section, the Regulatory Services and Product Development Section, and the PEI Analytical Laboratories Section.



Animal Health and Research Section

This section supports the agriculture and aquaculture sectors with animal health, emergency preparedness, and animal health disease prevention and surveillance. This section also provides expertise in research, epidemiology, traceability and assurance programming.

Areas of Focus in 2021-2022

- ✓ Involved in the potato wart crisis management, including but not limited to, research on mitigation, modelling, and facilitation of stakeholder meetings
- ✓ COVID-19 case data preparation to support decision-making at the provincial (CPHO) and national (PHAC) levels
- ✓ Provided expert opinion in COVID-19 model for PEI projections
- ✓ Participated in provincial, regional, national, and international animal health discussions with a focus on animal health disease preparedness and responses in a one health perspective
- ✓ Chaired a cross departmental committee exploring the concept of a biorefinery for agricultural waste management
- ✓ Completed year one of a comprehensive crop adaption to climate change project
- ✓ Participated in provincial, regional, national, and international animal health discussions with a focus on local, regional and national foreign animal disease preparedness
- ✓ Participated in committee work responding to recommendations from the public survey on animal welfare, including public lectures on animal welfare to 4-H groups and commodity groups
- ✓ Administered the Assurance Systems Program
- ✓ Implemented two projects through the Assurance Systems Program, aimed at improving readiness for animal disease emergency response through the compilation of biosecurity kits and training of individuals in the humane euthanasia of livestock
- ✓ Developing response plans for proposed list of named diseases to accompany on-going work to modernize the *Animal Health Act*
- ✓ Participated in communication, planning and response to discovery of highly pathogenic avian influenza in wild birds on PEI
- ✓ Organized and provided training on biosecurity protocols to various government divisions/sections and departments

Regulatory Services and Product Development Section

This section is responsible for safeguarding and supporting components of plant health, animal health and welfare and industry development. This is accomplished, in part, by administering and enforcing five provincial statutes and seven sets of regulations. This section responds to complaints from the public concerning the welfare of commercial animals (livestock) and collaborates with external groups involved in the protection of companion animals.

This section also delivers programing that provides financial support for improving the competitiveness and profitability of agriculture through the Canadian Agricultural Partnership agreement.

Areas of Focus in 2021-2022

- ✓ Supported eight (8) small and medium-sized agri-processors purchase equipment to expand their capacity
- ✓ Supported the expansion of a dairy manufacturing plant to increase export capacity
- ✓ Supported enhancements at local abattoirs
- ✓ Supported the creation of a local organic food hub
- ✓ Supported the Canadian Food Inspection Agency and the potato industry with potato wart control by providing a cleaning and disinfection service
- ✓ Responded to a significant outbreak of bacterial ring rot and implemented measures to minimize the spread between potato farms
- ✓ Issued 223 permits authorizing the planting of seed potatoes from outside Prince Edward Island
- ✓ Conducted the Post-Harvest Potato Virus Program to ensure the continued quality of Prince Edward Island Seed Potatoes

PEI Analytical Laboratories (PEIAL) Section

Located in the Bio-Commons Park in Charlottetown, the PEI Analytical Laboratories is cooperatively managed by the Department of Agriculture and Land and the Department of Environment, Energy and Climate Action. This allows for a sharing of staff, equipment and supplies. The laboratory is accredited by the Standards Council of Canada (SCC) to the international standard for the competence of calibration and testing laboratories, ISO/IEC 17025. This laboratory has responsibilities for delivering high-quality laboratory services including:

- Dairy – The Dairy Laboratory provides microbiological and compositional analysis of raw milk and finished dairy products.
- Plant Health Diagnostics – The Plant Diagnostics Laboratory provides disease identification services for commercial crops and home gardens. The laboratory operates on a seasonal basis from spring until fall.
- Soil and Feed – The Soil and Feed Testing Laboratory provides chemical analysis of soil, feed, plant tissue, compost, and greenhouse media.
- Soil Health – The Soil Health laboratory provides chemical, physical and biological analysis of soil.
- Water - The Water Laboratory provides chemical and microbiological analysis of drinking water, surface water and waste water.

Areas of Focus in 2021-2022

- ✓ Participated in a successful accreditation re-assessment conducted by the Standards Council of Canada in March 2022.
- ✓ Soil health testing increased in 2021/22 with a large number of research samples being submitted. Work entered the final stages in the development of the Available Water Capacity Test, which will be added to the Soil Health testing package.
- ✓ Partnered with SoilTech for a review of current soil fertility recommendations and an assessment of industry's soil testing needs. The review included proposed changes to the current soil fertility recommendations and updating the look and feel of the soil report to meet the needs of the laboratory's various clients.

- ✓ Contracted MRSB to develop a comprehensive costing model. This model will help establish fees for testing and identify possible areas for material and cost savings.
- ✓ Maintained relations with local educational institutes in 2021/2022 as the laboratory hosted OJT students from Holland College in May 2021 and a co-op student from UPEI in the winter of 2022. These students gained valuable experience by working alongside senior laboratory technicians conducting accredited testing methods in a throughput laboratory environment.

Agricultural Samples Analyzed, 2019/20 to 2021/2022 Fiscal Years

Type	2019/2020	2020/2021	2021/2022
Raw Milk	286,753	269,914	273,387
Processed Dairy Products	287	247	704
Soil	11,907	14,667	13,396
Soil Health	N/A	725	987
Feed	2,683	1,604	1,514
Leaf Tissue	2470	1,665	1,680
Seed	425	232	439
Special Products	651	1,095	971
Greenhouse	181	280	472

Note:

Soil Health tests as a fee-for-service began in 2020/2021

Greenhouse statistics were added to the Lab Information System in 2019

Farm Business Risk Management Division

The Farm Business Risk Management Division is responsible for the administration of the cost-shared Business Risk Management programs under the federal-provincial-territorial Canadian Agricultural Partnership (CAP). Located in Kensington, the PEI Agricultural Insurance Corporation (AIC) administers AgriInsurance, AgriStability, and AgriRecovery. The division is also responsible for AgriInvest.



AgriInsurance insures agricultural crops against production losses from specified perils (weather, pests, disease). It includes production insurance, color rider, un-harvested acreage rider, storage insurance, forage insurance, phytosanitary, and livestock insurance.

AgriStability offers protection against declines greater than 30% in farm income caused by circumstances such as low prices, rising input costs, and production losses.

AgriInvest allows farmers flexibility to manage small financial risks and declines and to stabilize farm incomes and operations. Farmers contribute 1% of their Allowable Net Sales to a savings account and the Federal and Provincial governments match the deposit on a 60/40 basis to a maximum of \$10,000 per farm per year.

AgriRecovery is a disaster assistance framework and is designed to cover extraordinary costs of activities necessary to resume business. The extraordinary costs must be significant and beyond the producers' capacity to manage after considering assistance available through existing BRM programs, other federal and provincial assistance mechanisms, and private sector risk management tools. The program is requested by the Province when a disaster situation occurs that meets the framework requirements.

Areas of Focus in 2021-2022

- ✓ Continued application of the five-year federal-provincial guidelines for programming with a focus on increasing participation in the programs
- ✓ Continued participation in various federal-provincial-territorial groups that monitor business risk management programs
- ✓ Consultations with industry groups to improve business risk management programs
- ✓ Commitment to providing timely AgriInsurance payments when triggered by an insurable peril
- ✓ Completed a Strategic Modernization Plan for PEI Agricultural Insurance Corporation
- ✓ Continued modernization of program delivery through third-party review of program delivery and client and staff satisfaction surveys
- ✓ Continued to provide contactless program delivery as an option

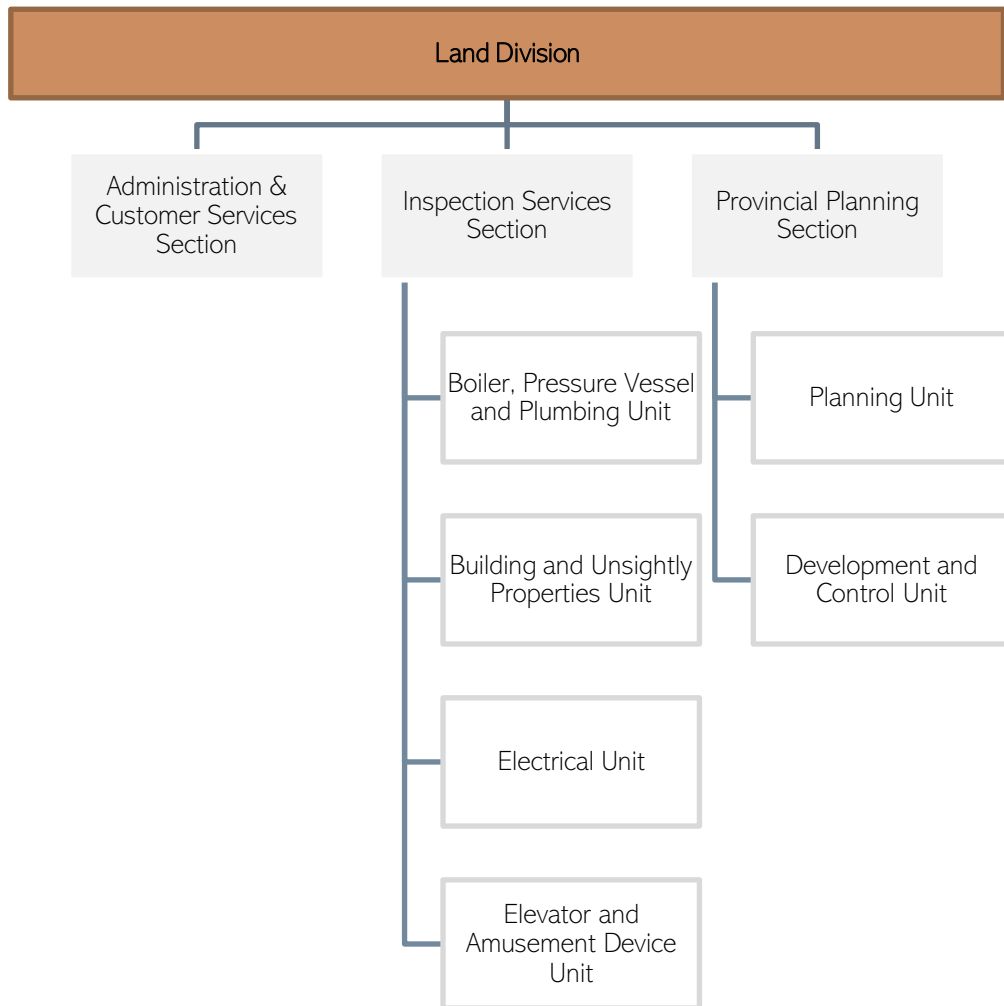
- ✓ Began work on AIC brand, communications, and social media presence, and reviewed available technology improvements for AgrilInsurance
- ✓ Administered provincial support for producers managing the impact of the COVID-19 pandemic and border closure
- ✓ Currently developing policy to streamline the process of reviewing new plan requests or plan change requests from commodity groups

Program Statistics, 2021/2022

- Number of clients: 709
- Online payments made: 274 payments (7% of total)
- Online AgrilInsurance contract documents accessed 438 times
- Mileage savings: Over \$25,000
- Highlights from changes to AgrilInsurance Agreement: improvements to the elite seed plan, Apple plan revised, and changes made to Probable Yield Calculations and Unharvested Acreage Benefit coverage

Land Division

The Land Division provides responsible land stewardship based on efficient and sustainable land use planning, regulation of land ownership, and protection of the natural and built environment. This Division includes the Administration and Customer Services Section, the Inspection Services Section and the Provincial Planning Section.



Administration and Customer Services Section

Located in the J. Elmer Blanchard Building in Charlottetown, Access PEI Summerside and Access PEI Montague, this section provides front line service delivery and assists the public with questions related to building, subdivision and development, septic, electrical, plumbing, boiler, petroleum storage, elevator and lifts, and amusement rides.

Areas of Focus in 2021-2022

- ✓ Increased promotion of our "Landsdivision" email. This has improved client communication as well as decreased the number of drop-ins and telephone inquiries.
- ✓ Created and staffed a permanent Client Service Officer position to serve customers in our Montague Office.
- ✓ Creation of an Administration and Customer Service Training Manual for staff.

Inspection Services Section

The Inspection Services Section is responsible for the provision of the coordinated and integrated implementation of regulations aimed at protecting public health, safety, and the natural environment. This is achieved through the administration and enforcement of a number of codes and standards related to: building and construction, energy efficiency, electrical safety, elevator safety, amusement devices, plumbing, as well as boilers and pressure vessels.

Boilers and Pressure Vessels Unit

This unit administers the *Boilers and Pressure Vessels Act*, the *Power Engineers Act* and regulations under the *Environmental Protection Act* (Home Heat Tanks, Petroleum Storage Tanks, and Ozone Layer Protection).

Building, Plumbing and Unsightly Properties Unit

This unit administers the *Building Codes Act* and the *Unsightly Properties Act*. This Unit ensures public safety and the structural integrity of buildings, as well as barrier free design and energy efficiency. This unit also enforces the A Code for Plumbing Services Regulations under the *Environmental Protection Act*.

Electrical Unit

This unit administers the *Electrical Inspection Act* and completes activities to ensuring safe installation and maintenance of electrical equipment.

Elevator and Amusement Devices Unit

The unit administers the *Elevators and Lifts Act* and the *Amusement Devices Act* and completes activities to ensure public safety in the operation of elevators and to minimize the possibility of accidents and injuries during the use of amusement devices.

Areas of Focus in 2021-2022

- ✓ Added one new Building Official to the staff.
- ✓ Implemented online service tools to allow for online permit processing and status monitoring.
- ✓ Successfully completed an audit by the American Society of Mechanical Engineers (ASME). Inspection Services is an Authorized Inspection Agency (AIA) responsible for performing inspections of ASME pressure equipment certificate holders during the manufacturing process. Audits occur every three years.
- ✓ Made editorial updates to the *Building Codes Act*.
- ✓ Featured a booth in the PEI Home Show, providing information to the public on our various permits.
- ✓ Developed a Residential Building Permit Pamphlet to outline the requirements and process of applying for a permit.
- ✓ Created a quick reference guide for insulation requirements of residential buildings. The purpose of this document is to help contractors and homeowners understand the insulation requirements for different wall and floor assemblies in homes.
- ✓ Developed a checklist for Plan Requirements for provincial building permits. This document is meant to inform contractors, drafts persons and home centres on the minimum details required for building plans which are to be submitted as part of the Building Permit application.

- ✓ Created an information document regarding Farm Buildings and what types of farm structures are exempt from requiring a building permit.

Licenses, applications and processes completed, Land Division, 2021-2022 fiscal year.

✓ Boilers, Pressure Vessels, Pressure Piping, and fittings registrations (910)	✓ Welders/Brazers Certified (202)
✓ Boilers and Pressure Vessels equipment inspections (2427)	✓ Home Heat Tank Installers Licenses (36)
✓ LP Gas Bulk Trucks, Plants, Consumer Sites, Pressure Tests and Re-inspection (209)	✓ Home Heat Tanks Registered (1161)
✓ LP Gas Permits Issued (237)	✓ Petroleum Storage Tank Contractors (Level 1 and 2) (26)
✓ Hazard Repair Orders Boilers and Pressure Vessels and LP Gas (200)	✓ Petroleum Storage tanks Registered (1)
✓ LP Gas Certified Personnel: Bulk Plant Operator, Dispenser Operator, Tank Truck Operator, Domestic Gas Fitter, Cargo Line Operator and Industrial Gas Fitter (416)	✓ Registered Mechanical Contractors (60)
✓ LP Gas Examinations Conducted (29)	✓ Plumbing Permits Issued (1049)
✓ Licensed Power Engineer's: First, Second, Third and Fourth Class (262)	✓ Registered Handlers of ODS (147)
✓ Refrigeration License Class A & B (27)	✓ License to Purchase ODS (70)
✓ Power Engineer's Examinations Conducted (71)	✓ Electrical Permits Issued (11,339)
✓ Registered Plants Requiring Licensed Power Engineers (62)	✓ Electrical Contractors Licensed (205)
✓ Registered Welding/Brazing Procedures (388)	✓ Special Electrical Licenses (2)
	✓ Restricted Electrical Licenses (23)
	✓ Annual Elevator Inspections (612)
	✓ New Elevator Installations (20)
	✓ Elevator Contractors Licenses (8)
	✓ Elevator Installer Licenses (32)
	✓ Amusement Device Inspections (63)
	✓ Unsightly property investigations (82)
	✓ Building Permit Applications (1147)

Provincial Planning Section

The Provincial Planning Section oversees the processing of subdivision, development and change of use applications for approximately 90% of the land mass of Prince Edward Island. This Section also supports individuals and groups in the public and private sector to achieve sustainable land use strategies and development practices. This Section works closely with other Government Departments and Agencies, including the Department of Transportation and Infrastructure, the Island Regulatory and Appeals Commission (IRAC) as well as the Department of Environment, Energy and Climate Action. Services are provided to members of the public from offices in Charlottetown, Summerside, O'Leary, and Montague.

Planning Unit

This Unit is responsible for interpreting the *Planning Act*, the *Prince Edward Island Lands Protection Act* and its Land Identification Regulations and Exemption Regulations.

Development Control Unit

This Unit is responsible for administering the *Planning Act* Subdivision and Development Regulations, *Roads Act* Highway Access Regulations, and the *Water Act* Sewage Disposal Regulations in the review, evaluation, and decision-making processes.

Areas of Focus for 2021-2022

- ✓ Received the Land Matters Advisory Committee report, *Now is the Time*, and began to action the 13 recommendations.
- ✓ Statements of Provincial Interest were adopted in the *Planning Act*.
- ✓ Complex applications are now evaluated by Planning staff to confirm the proposals are based on sound planning principles and to ensure consistency across the Province.
- ✓ A Complaints and Compliance Officer position was created and filled to assist development officers and building officials with the day to day enforcement of the regulations and codes, as well as, perform investigations into potential violations. This staff person works closely with Conservation/Enforcement Officers on Land Division related enforcement issues.
- ✓ Streamlined processes, policies and procedures to improve turn-around times.
- ✓ Workload assessments were performed, which resulted in a fairer and more equitable workload for all Development Officers.

Permits issued and application fees received for development, septic and site assessments, 2021-2022

Location (Region)	Development Permits	Septic Permits	Site Assessments
Montague/Souris	338	218	241
Charlottetown	534	414	316
Summerside	265	175	146
O'Leary	317	165	194
TOTAL	1454	972	897

Percentages of development permits issued for various uses, by region, 2021-2022

Permit Type	Ch'town	Montague/ Souris	Summerside	O'Leary	No. of Permits	%
Residential Single	214	127	94	110	545	44.6
Mini/Modular/ Mobile Homes	24	24	23	25	96	7.8
Residential Cottages	26	3	23	6	58	4.7
Commercial Cottages	0	0	5	23	28	2.3
Industrial / Commercial	16	0	1	17	34	2.8
Non-Commercial Garage/Storage Building	85	66	49	63	263	21.5
Agricultural Development	12	17	11	6	46	3.8
Miscellaneous ¹	60	36	27	30	153	12.5
TOTAL	437	273	233	280	1223	100

Note

¹ Miscellaneous includes other structures not listed in the permit type.

Development permits issued for new single-family dwellings (sfd) and summer cottages (sum), by region, 2016-2022

	2016-17		2017-18		2018-19		2019-20		2020-21		2021-22	
Location	sfd	sum	sfd	sum	sfd	sum	sfd	sum	sfd	sum	sfd	sum
Montague/Souris	90	25	101	33	96	33	131	26	158	8	151	3
Charlottetown	126	48	164	65	194	41	222	51	326	34	238	26
Summerside	62	57	63	67	82	52	101	39	145	44	117	25
O'Leary	65	29	61	29	73	25	78	20	147	17	135	6
TOTAL	343	159	389	194	445	151	532	136	776	103	641	60

Subdivision applications received, approved, cancelled, denied, and pending, by region, 2021-2022

Location	Subdiv'n Appl. Received	Applications Approved	Cancelled Appl.	Denied Appl.	Pending Appl./ Other	Preliminary Approvals
Montague/Souris	151	69	2	2	77	1
Charlottetown	260	118	1	7	126	8
Summerside	146	66	3	4	58	15
O'Leary	137	82	2	3	41	9
TOTAL	694	335	8	16	302	33

Lots created through subdivision approvals, 2021-2022

Location	Single Family	Summer Cottage	Industrial/ Commercial	Agriculture	Misc.	Total
Montague/ Souris	83	0	4	2	9	98
Charlottetown	163	0	7	6	51	227
Summerside	76	0	4	9	2	90
O'Leary	105	0	7	2	1	115
TOTAL	427	0	22	19	62	530

Corporate and Financial Services Division

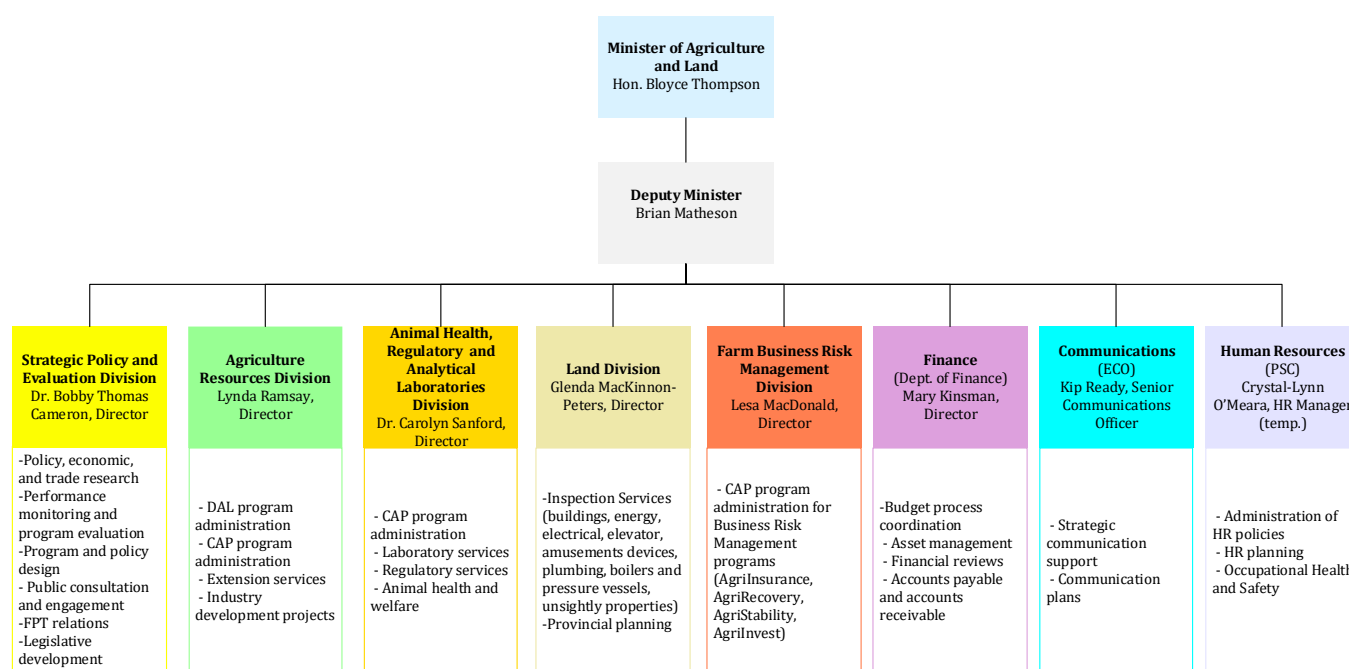
The Corporate and Financial Services Division is part of the Department of Finance. The Division supports the Department's financial, budget and corporate management through the delivery of key services.

This division is responsible to assist management and other personnel with:

- ✓ The budget process
- ✓ Accounts payable and receivable
- ✓ Federal-provincial-territorial agreement claims
- ✓ Regular financial reviews

This division also has responsibilities related to fleet management, risk management, accommodations, telecommunication and preparation of annual financial reports.

Appendix A: Organizational Structure as of March 31, 2022



*As of March 31, 2022

Appendix B: Financial Statement

Department of Agriculture and Land Expenditures and Revenue Summary 2021/2022 Fiscal Year

Division	Original Budget	Revised Budget	Actual Expenditures/Revenue
EXPENDITURE			
Department Management	\$647,700	\$647,700	\$552,432
Farm Business Risk Management	\$18,627,200	-	\$18,495,657
Agriculture Resources	\$9,093,900	\$10,229,500	\$19,508,741
Strategic Policy and Evaluation	\$1,297,800	\$1,359,700	\$1,288,767
Animal Health, Regulatory and Analytical Labs	\$5,012,700	\$5,012,900	\$4,550,107
Land Division	\$4,227,400	\$4,165,100	\$3,184,858
PEI Agriculture Insurance Corporation	-	\$53,309,000	\$53,308,958
Total Expenditure	\$38,906,700	\$74,723,900	\$100,889,520
BUDGET			
Department Management	\$4,229,500	\$4,229,500	\$4,008,800
Farm Business Risk Management	\$1,869,000	-	\$1,953,743
Agriculture Resources	\$334,000	\$354,000	\$306,197
Strategic Policy and Evaluation	-	-	\$16,849
Animal Health, Regulatory and Analytical Labs	\$780,200	\$780,200	\$972,680
Land Division	\$3,042,000	\$3,042,000	\$3,809,910
PEI Agriculture Insurance Corporation	-	\$37,666,200	\$53,308,958
Total Revenue	\$10,254,700	\$8,405,700	\$64,377,137
TOTAL NET	\$28,652,000	\$66,318,200	\$36,512,383

Financial Information is based on the 2021/22 Public Accounts.

Appendix C: Funding by Recipient Type and Activity Area for the Canadian Agricultural Partnership

Recipient Type	Year 1 (2018-2019)	Year 2 (2019-2020) ⁹	Year 3 (2020-2021)	Year 4 (2021-2022)
Primary Producer	\$2,697,024	\$3,397,594	\$3,193,943	\$3,185,977
Producer Organization	\$698,656	\$969,263	\$916,711	\$884,111
Processor	\$359,357	\$262,117	\$451,037	\$267,142
Processor Organization	\$0	\$0	\$15,479	\$0
Research Bodies	\$15,887	\$97,288	\$69,048	\$72,876
Retailer/Input Supplier	\$0	\$22,733	\$3,827	\$3,949
PT Government	\$302,662	\$345,415	\$207,958	\$1,797,095
Indigenous Government/Indigenous Community/Indigenous Group	\$17,303	\$8,936	\$0	\$0
Municipal Government	\$0	\$1,000	\$502	\$13,250
Other Industry Group	\$682,616	\$823,102	\$958,477	\$976,140
Total	\$4,773,505	\$5,927,448	\$5,816,477	\$7,200,540

Activity Area	Year 1 (2018-2019)	Year 2 (2019-2020)	Year 3 (2020-2021)	Year 4 (2021-2022)
International Market Development	\$85,572	\$48,726	\$69,169	\$42,500
Domestic Market Development	\$255,517	\$421,392	\$576,526	\$496,944
Business Development	\$214,829	\$232,871	\$150,789	\$143,749
Environment, Climate Change Mitigation and/or Adaptation	\$1,366,753	\$1,647,374	\$1,375,765	\$1,456,924
Research	\$364,700	\$700,761	\$622,821	\$579,647
Training, Knowledge Transfer and Awareness Raising	\$615,700	\$655,006	\$543,842	\$804,988
Adopting New Technologies, Activities/Practices, Processes or Products	\$633,629	\$1,023,103	\$1,268,315	\$990,676
Assurance Activities	\$237,348	\$410,260	\$252,296	\$226,321
System, Equipment and Facility Modernization	\$719,582	\$537,442	\$693,450	\$677,722
Pre-commercial Development, Prototyping and Demonstration	\$44,501	\$25,000	\$0	\$0
Commercialization	\$235,375	\$230,495	\$70,000	\$26,988
Miscellaneous	\$0	\$0	\$221,124	\$1,754,081
Total	\$4,773,506	\$5,932,430	\$5,847,879	\$7,200,540

⁹ Generally, program uptake during the first year of a program is lower than subsequent years, therefore, overall Program spending increased after the first year of the CAP Agreement (2018/2019).

Appendix D: Performance Metrics for the Canadian Agricultural Partnership, 2021-2022

Priority Area	Markets and Trade	
Outcome	Expand domestic and international markets	
Objective	Companies receive the targeted assistance they need from a coordinated suite of FPT and industry resources	
Program(s)	Community Food Security and Agriculture Awareness Program, Future Farmer Program, and Business Development Program	
Performance Indicator	Type	Total
# of participants who completed business assessment and/or planning and/or mentoring activities by recipient type, by type of industry.	<p><i>Primary Producer Type of Industry:</i> Beef Cattle Ranching and Farming, including Feedlots (2); Poultry and Egg Production (1); Vegetable and Melon Farming (1); Dairy Cattle and Milk Production (1); Sheep and Goat Farming (1)</p> <p><i>Producer Organization Type of Industry:</i> Vegetable and Melon Farming (1); Dairy Cattle and Milk Production (1); Beef Cattle Ranching and Farming, including Feedlots (1); Other Animal Production (1); Multiple Industries (1)</p> <p><i>PT Government Type of Industry:</i> Vegetable and Melon Farming (2)</p> <p><i>Other Industry Organization Type of Industry:</i> Oilseed and Grain Farming (1); Multiple Industries (1)</p>	15
# of market development activities by type of industry	<i>Type of Industry:</i> Dairy Cattle and Milk Production (1); Hog and Pig Farming (1)	2
# of participants in market development activities	NA	8
# of training/knowledge transfer events by event type	<i>Type of Event:</i> Group In-person (21); Web-based, including Webinars (12); One-on-one (11); Conference/Trade Shows (1); Peer-to-peer (2)	47
# of participants in training/knowledge transfer events by event type	<i>Type of Event:</i> Group In-person (24,577); Web-based, including Webinars (6,440); One-on-one (11); Conference/Trade Shows (175); Peer-to-peer (12)	31,215
# of market information and intelligence products created, updated or disseminated by type of industry	<i>Type of Industry:</i> Multiple Industries (1)	1
	<i>Type of Industry:</i>	20

# of new technologies (products, practices, processes and systems) that are demonstrated on-farm or in-plant by type of industry.	Multiple Industries (20)	
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Priority Area	Science, Research and Innovation	
Outcome	Increase competitiveness, productivity, and profitability; and Increase environmental sustainability	
Objective	To enhance the sector's resilience, improve the sector's productivity and accelerate the commercialization of products with new and improved attributes	
Program(s)	Agriculture Research and Innovation Program	
Performance Indicator	Type	Total
# of new technologies (products, practices, processes, and systems) that are assessed under research conditions by type of industry	Type of Industry: Vegetable and Melon Farming (6); Oilseed and Grain Farming (4); Fruit and Tree Nut Farming (3); Other Animal Production (1); Dairy Cattle and Milk Production (1); Poultry and Egg Production (1); Support Activities for Crop Production (1)	16
# of new technologies (products, practices, processes, and systems) that are demonstrated on-farm or in-plant by type of industry	Type of Industry: Dairy Cattle and Milk Production (1)	1
# of new technologies (products, practices, processes and systems) that are utilized by type of industry	Type of Industry: Beef Cattle Ranching and Farming, including Feedlots (1); Dairy Cattle and Milk Production (4); Oilseed and Grain Farming (5); Poultry and Egg Production (1); Fruit and Tree Nut Farming (1); Other Animal Production (1); Vegetable and Melon Farming (7); Greenhouse, Nursery and Floriculture Production (2); Other Crop Farming (1)	23
# of highly qualified personnel working on funded activities (including master's and PhD students)	NA	12
# of training/knowledge transfer events by event type	Type of Event: Group In-person (55); Web-based, including Webinars (28); One-on-one (143); On-site (52); Conference/Trade Shows (1); Peer-to-peer (32)	311
	Type of Event:	3,388

# of participants at training/knowledge transfer events by event type	Group In-person (1,361); Web-based, including Webinars (1,441); One-on-one (149); On-site (52); Conference/Trade Shows (175); Peer-to-peer (210)	
# of new knowledge transfer products developed (i.e., brochure, factsheet, flyers, guides, articles in trade magazines, technical bulletins and social media items)	NA	82

Priority Area	Risk Management	
Outcome	Improve the anticipation, mitigation and response to risks	
Objective	Help the sector coordinate and integrate prevention and mitigation, preparedness, response and recovery activities to maximize the resilience of the sector	
Program(s)	Assurance Systems Program	
Performance Indicator	Type	Total
# of sector-oriented risk management/assurance activities completed by activity type	Type of Activity: Food Safety (2); Biosecurity (1); Traceability (1); Animal Welfare (5); Emergency Management (3)	12
# of risk management/assurance projects completed on-farm by activity type	Type of Activity: Food Safety (2); Animal Welfare (2); Traceability (1); Biosecurity (1); Emergency Management (1)	7
# of risk management/assurance projects completed at processing facilities by activity type	NA	0
# of training/knowledge transfer events by event type	Type of Event: Group In-person (6); Web-based, including Webinars (1); One-on-one (165)	172
# of participants at training/knowledge transfer events by event type	Type of Event: Group In-person (69); and, One-on-one (165)	234

# of new technologies (products, practices, processes, and systems) that are demonstrated on-farm or in-plant by type of industry	NA	0
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Priority Area	Value-Added Agriculture and Agri-Food Processing	
Outcome	Increase competitiveness, productivity, and profitability; and Expand domestic and international markets	
Objective	Expand the growth and competitiveness of value-added agriculture and agri-food processing	
Programs	Strategic Industry Growth Initiative, Organic Industry Development Program, Product and Market Development Program	
Performance Indicator	Type	Total
# of capital investment projects completed by type of industry	<i>Type of Industry:</i> Oilseed and Grain Farming (5); Vegetable and Melon Farming (7); Meat Product Manufacturing (1); Greenhouse, Nursery and Floriculture Production (1); Beverage Manufacturing (2); Fruit and Tree Nut Farming (4); Dairy Product Manufacturing (2); Bakeries and Tortilla Manufacturing (1); Multiple Industries (1); Other Crop Farming (1)	25
# of training/knowledge transfer events by event type	<i>Type of Event:</i> Group In-person (1); Web-based, including Webinars (1)	2
# of participants at training/knowledge transfer events by event type	<i>Type of Event:</i> Group In-person (55); Web-based, including Webinars (691)	746
# of participants entering new markets or diversifying markets by type of industry.	<i>Type of Industry:</i> Vegetable and Melon Farming (6); Fruit and Tree Nut Farming (3); Beverage Manufacturing (1); Oilseed and Grain Farming (2); Greenhouse, Nursery and Floriculture Production (1); Beef Cattle Ranching and Farming, including Feedlots (2); Multiple Industries (7)	22
# of new technologies (products, practices, processes, and systems) that are developed by type of industry	NA	0
	<i>Type of Industry:</i>	13

# of new technologies (products, practices, processes, and systems) that are demonstrated on-farm and or in-plant by type of industry	Meet Product Manufacturing (1); Greenhouse, Nursery and Floriculture Production (1); Beverage Manufacturing (2); Dairy Product Manufacturing (2); Vegetable and Melon Farming (1); Fruit and Tree Nut Farming (3); Bakeries and Tortilla Manufacturing (1); Beef Cattle Ranching and Farming, including Feedlots (1); Multiple Industries (1)	
# of new technologies (products, practices, processes, and systems) that are utilized on-farm or in-plant by type of industry	<i>Type of Industry:</i> Oilseed and Grain Farming (5); Vegetable and Melon Farming (5); Multiple Industries (3); Greenhouse, Nursery and Floriculture Production (1); Beverage Manufacturing (2); Fruit and Tree Nut Farming (3); Dairy Product Manufacturing (2); Bakeries and Tortilla Manufacturing (1); Meet Product Manufacturing (1); Other Crop Farming (1)	24

Priority Area	Environmental Sustainability and Climate Change	
Outcome	Increase environmental sustainability	
Objective	Facilitating clean growth in the agriculture sector, while achieving progress on environmental sustainability and climate change mitigation and adaptation	
Program(s)	Alternative Land Use Services (ALUS), Perennial Crop Development Program, and Agriculture Stewardship Program	
Performance Indicator	Type	Total
# of environmental risk assessments (e.g. Environmental Farm Plans or equivalent) developed or updated by recipient type, by type of industry	<i>Primary Producer Type of Industry:</i> Vegetable and Melon Farming (19); Beef Cattle Ranching and Farming, including Feedlots (13); Oilseed and Grain Farming (10); Dairy Cattle and Milk Production(61); Fruit and Tree Nut Farming (5); Hog and Pig Farming (1); Sheep and Goat Farming (1); Other Animal Production (1); Multiple Industries (4)	115
# of training/ knowledge transfer events by event type	NA	0
# of participants at training/knowledge transfer events by event type	NA	0
# of extension information materials and products produced (e.g., factsheets, reference manuals, online videos, etc.)	NA	0

# of on-farm beneficial management practices (BMP) projects completed by type of BMP	<i>Type of BMP:</i> Riparian and Buffer Establishment (32); Manure Storage and Handling (1); Farmyard Runoff Control/Runoff Drainage Control and Management (10); Conservation Tillage/Nutrient Placement (14); Wintering Site Management (65); Precision Nutrient Management (11); Agriculture Water Use Efficiency (non-irrigation) (3); Creative Environmental Solutions (8); Regional Irrigation Water Supply Management (15); Soil Health and Management (9); Improved Pest Management/Pesticide Application (17)	185
# of new technologies (products, practices, processes, and systems) that are demonstrated on-farm or in-plant by type of industry.	<i>Type of Industry:</i> Fruit and Tree Nut Farming (2)	2
# of participants entering new markets or diversifying markets by type of industry	<i>Type of Industry:</i> Fruit and Tree Nut Farming (20); Other Crop Farming (7)	27
# of education and awareness activities undertaken by governments addressing public trust considerations.	NA	0

Priority Area	Public Trust	
Outcome	Improve the anticipation, mitigation and response to risks	
Objective	The sector is examining new and effective mechanisms to engage and respond to domestic and international consumers and citizens	
Program(s)	Promoting Public Trust Program	
Performance Indicator	Type	Total
# of public trust strategies developed by industry or nongovernment organizations	NA	0
# of public trust research activities completed by industry or nongovernment organizations	NA	11
# of education and awareness activities undertaken by industry or nongovernment	NA	17

organizations addressing public trust		
# of training/ knowledge transfer events by event type	Type of Event: Group In-person (11); Web-based, including Webinars (18); One-on-one (22); On-site (5); Mentorship (2); Conference/Trade Shows (1); Peer-to-peer (6); Not Specified (2)	67
# of participants at training/knowledge transfer events by event type	Type of Event: Group In-person (632); Web-based, including Webinars (47,211); One-on-one (33); On-site (16,060); Conference/Trade Shows (250); Peer-to-peer (310); Not Specified (164,000)	228,496
# of new knowledge transfer products developed (e.g., brochures, factsheets, flyers, guides, articles in trade magazines, technical bulletins, and social media items)	NA	48



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