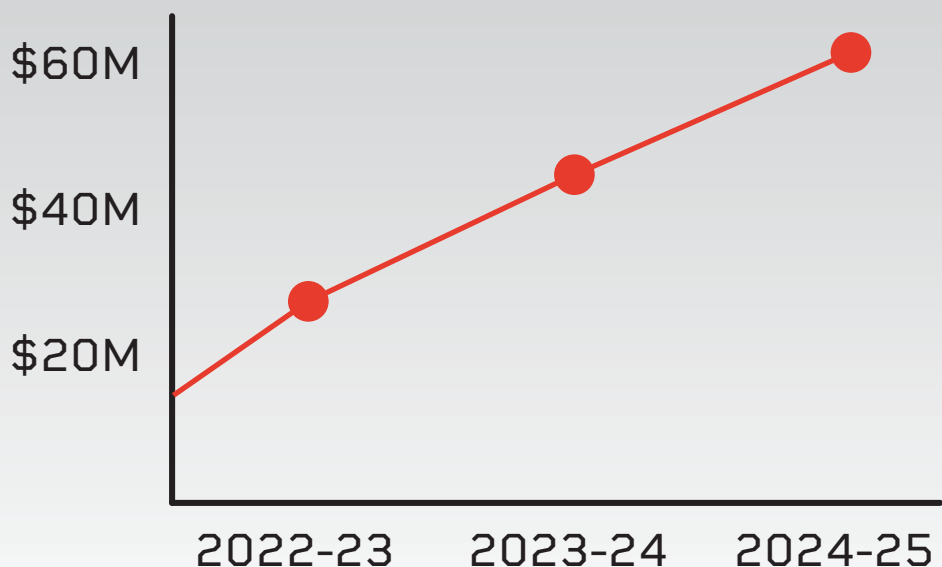


# THE TERRY FOX RESEARCH INSTITUTE: UNDERSTANDING OUR RESEARCH PORTFOLIO

### Our largest investment yet!

Today, the Terry Fox Research Institute (TFRI) is not only supporting our flagship basic science and translational research programs, but we're also uniting the country to advance precision medicine through the Marathon of Hope Cancer Centres Network (MOHCCN) and enabling secure data sharing and exploration – and accelerating discovery – through the Digital Health and Discovery Platform (DHDP).

**\$60.6M**  
INVESTED



**218**  
PROJECTS

**604**  
RESEARCHERS

**202**  
INSTITUTIONS

## INVESTMENT PER PROGRAM

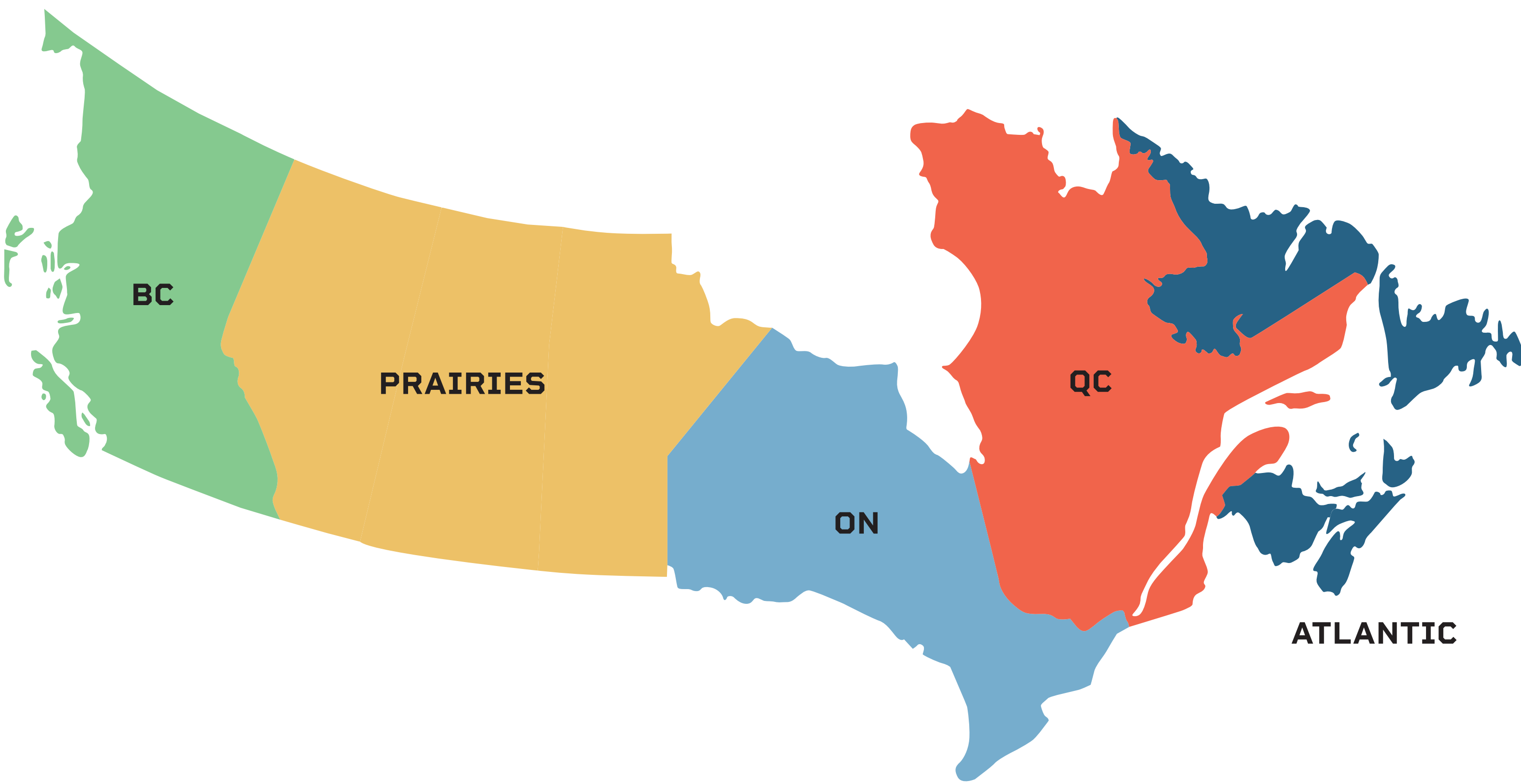
PROGRAM	INVESTMENT	PROJECTS	RESEARCHERS	PARTNERS
TFRI Research Grants Programs	\$22.0M	57	289	49
Marathon of Hope Cancer Centres Network	\$37.5M	160	372	140
Digital Health and Discovery Platform	\$1.1M	2	5	60
TOTAL	\$60.6M*	218	604†	202‡

*\*This amount reflects our direct investment in research and does not include the costs of operating TFRI's programs and projects. TFRI's total expenses in the 2024-25 fiscal year were \$63,392,842.*

*†A number of researchers work on several projects across program types. While these individuals are counted in more than one program type, the total number displayed at the bottom reflects the individual number of researchers we fund: 604.*

*‡Many of our research and partner institutions are part of more than one of our initiatives. While these partners may be counted in more than one program, the total number displayed reflects the individual number of partner institutions.*

## INVESTMENT PER REGION



BC	PRAIRIES	ON	QC	ATLANTIC
<b>\$14.5M</b> INVESTED	<b>\$3.9M</b> INVESTED	<b>\$26.6M</b> INVESTED	<b>\$11.2M</b> INVESTED	<b>\$4.4M</b> INVESTED
<b>55</b> PROJECTS*	<b>33</b> PROJECTS*	<b>97</b> PROJECTS*	<b>80</b> PROJECTS*	<b>30</b> PROJECTS*
<b>122</b> RESEARCHERS	<b>71</b> RESEARCHERS	<b>223</b> RESEARCHERS	<b>153</b> RESEARCHERS	<b>34</b> RESEARCHERS
<b>22</b> PARTNERS	<b>23</b> PARTNERS	<b>52</b> PARTNERS	<b>46</b> PARTNERS	<b>22</b> PARTNERS

*\*A number of our projects are multi-provincial in nature and their research is conducted in more than one region. Thus, project totals shown here should not be added up, as their sum will equal more than 218, which is the total number of projects we fund.*

## ALL PROGRAMS: YEAR-TO-YEAR COMPARISON

YEAR	INVESTMENT	PROJECTS	RESEARCHERS	PARTNERS
2024-25	\$60.6M	218	604	202
2023-24	\$43.9M	176	595	175
2022-23	\$28.3M	97	352	124

# TFRI RESEARCH GRANTS PROGRAMS: RESEARCH PORTFOLIO AT A GLANCE

\$22M

TOTAL INVESTMENT

57

PROJECTS

289

RESEARCHERS

49

INSTITUTIONS

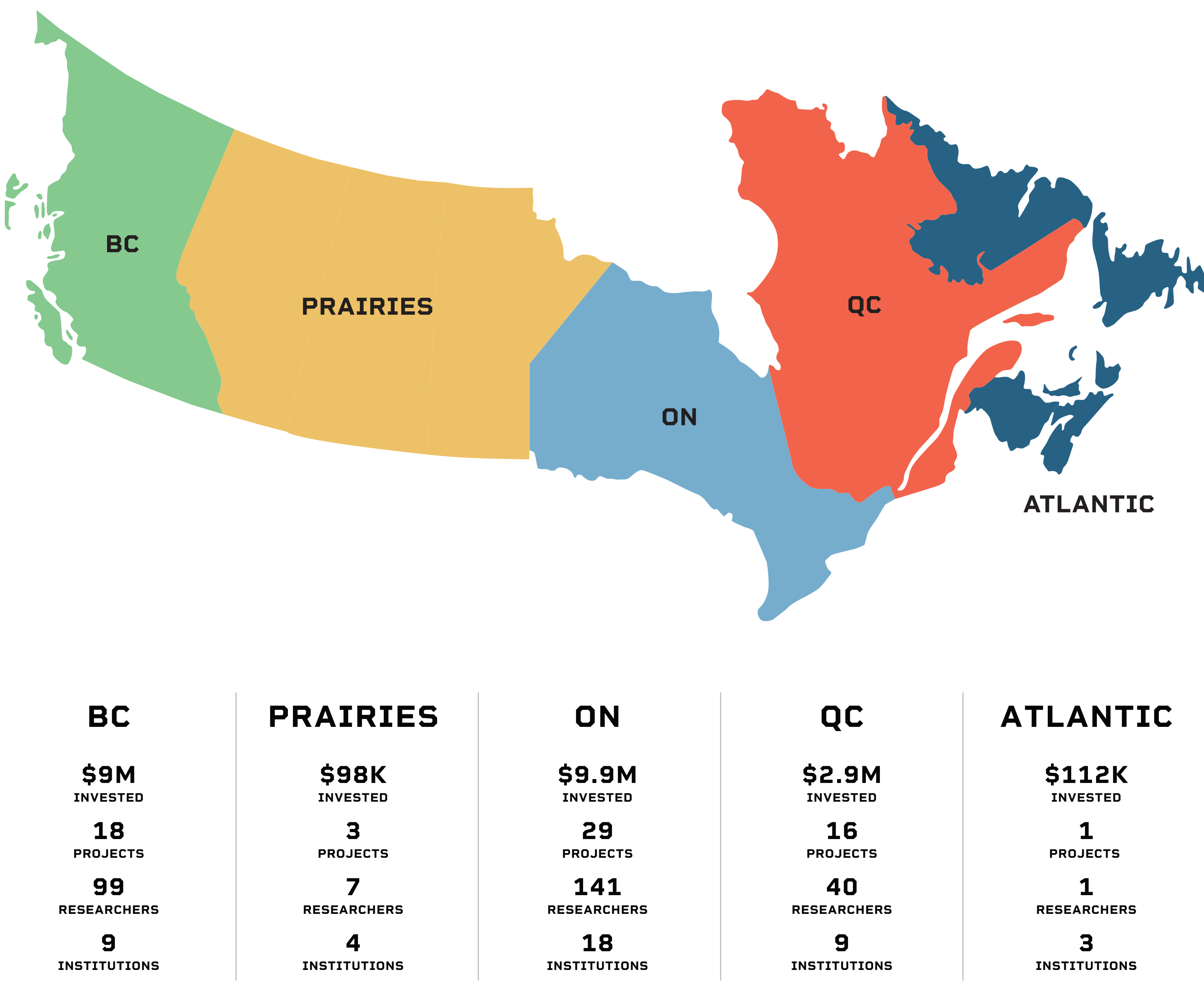
## INVESTMENT PER PROGRAM

PROGRAM	INVESTMENT	PROJECTS	RESEARCHERS
Terry Fox New Frontiers Program Projects Grants (PPGs)	\$17.5M	21	268
Terry Fox Translational Research Program	\$410K	1	13
Terry Fox New Investigator Awards (NIs)*	\$2.3M	21	61
Other Programs	\$1.5M	6	6
Trainee	\$228K	8	8
TOTAL	\$22M	57	289†

*\*This program requires that each New Investigator be paired with a mentor. This count includes the mentoring researchers.*

*†A number of researchers work on several projects across program types. While these individuals are counted in more than one program type, the total number displayed at the bottom reflects the individual number of researchers we fund: 289.*

## INVESTMENT PER REGION



## INVESTMENT BY CANCER SITE

### OUR FUNDING APPROACH

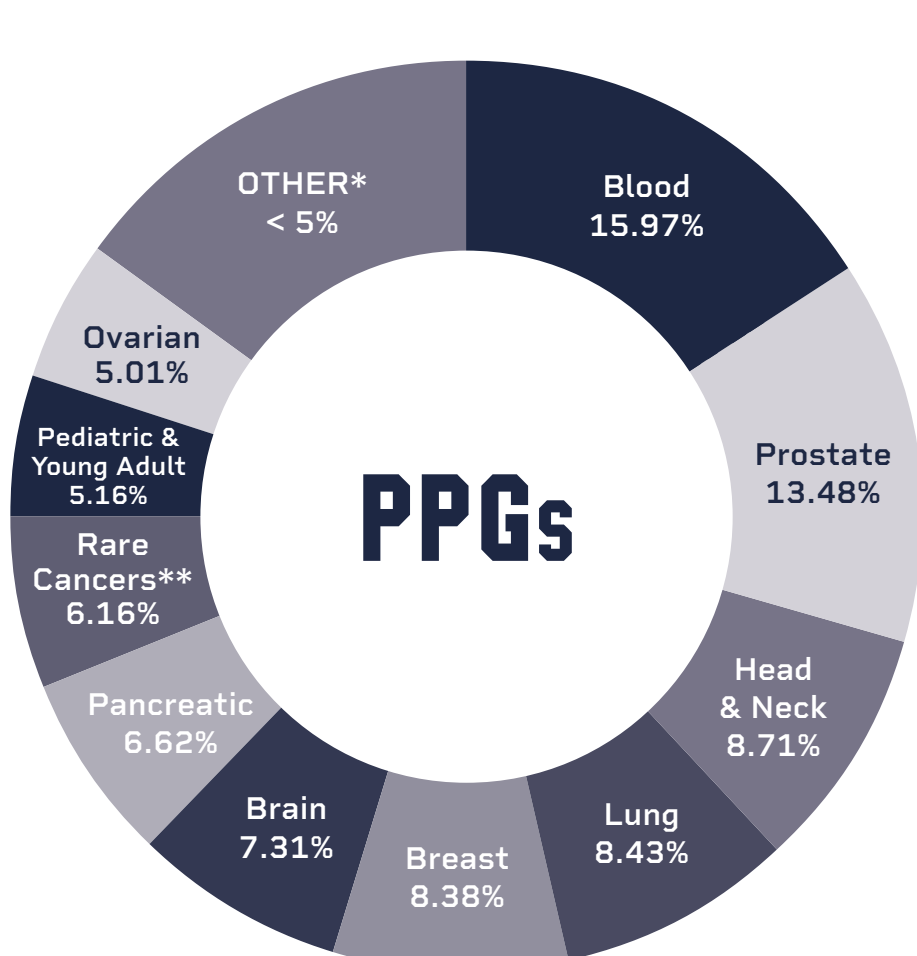
TFRI’s Research Grants Programs use highly competitive funding competitions to support projects with the greatest potential for impact across all cancer types. Proposals are independently reviewed and selected based on scientific excellence.

CANCER SITE	INVESTMENT	NUMBER OF PROJECTS
Blood	\$4.1M	13
Prostate	\$2.8M	9
Breast	\$1.7M	8
Lung	\$1.7M	9
Pancreatic	\$1.6M	7
Brain	\$1.6M	8
Head & Neck	\$1.5M	3
Rare Cancers	\$1.1M	1
Pediatric & Young Adult	\$1.1M	2
Ovarian	\$880K	4
Liver	\$820K	4
Endometrial	\$770K	2
All*	\$570K	6
Bladder	\$490K	1
Colorectal	\$420K	1
Melanoma	\$260K	2
Cervical	\$250K	1
Sarcoma	\$170K	2
Peritoneal	\$120K	1
TOTAL INVESTMENT	\$22M	57†

*\* This category includes our investment in projects that have non-specific cancer types.*

*†Projects may involve more than one cancer site. Therefore, these numbers should not be added.*

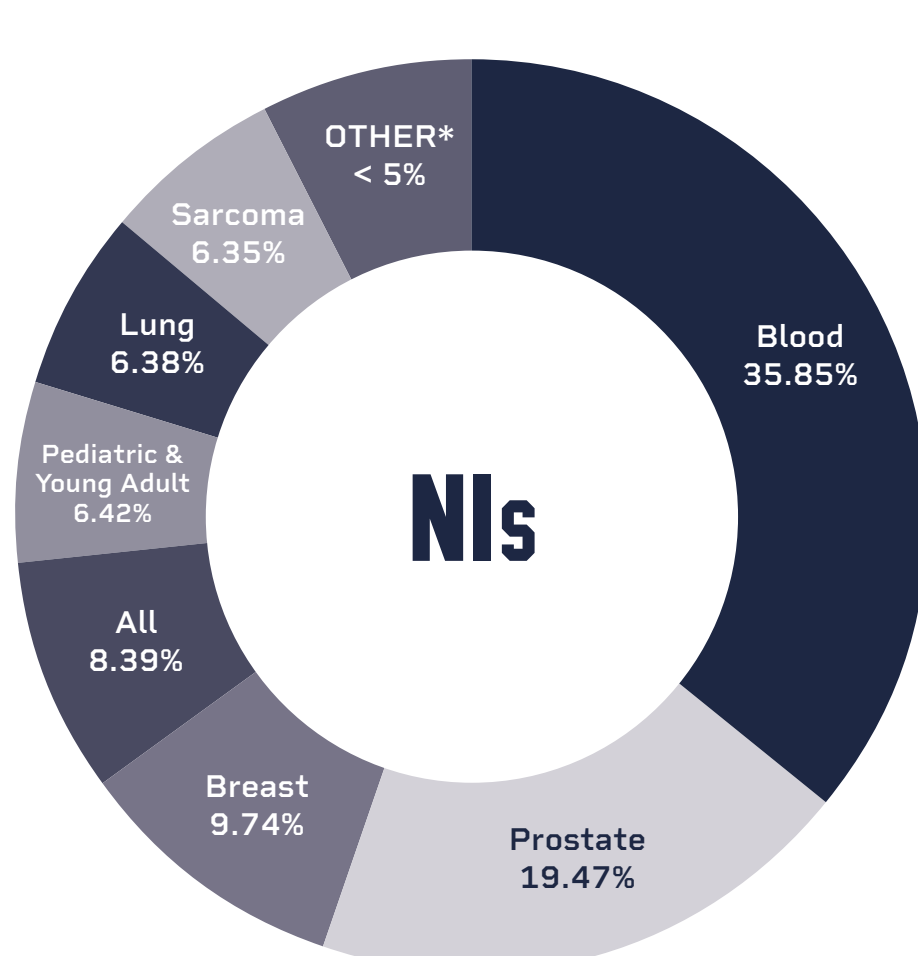
#### Terry Fox New Frontiers Program Project Grants



*\*OTHER includes Endometrial, Liver, Bladder, Colorectal, Melanoma, Peritoneal, and All cancers*

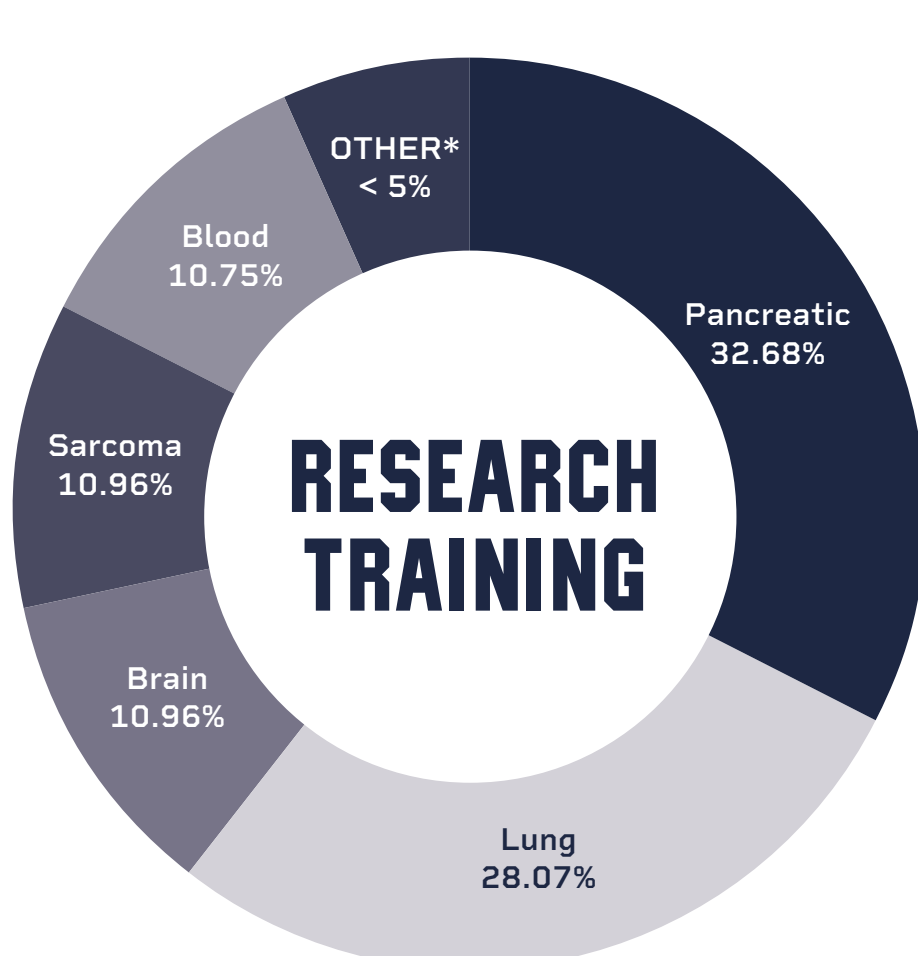
*\*\*Rare Cancers includes Sarcomas*

#### Terry Fox New Investigator Awards



*\*OTHER includes Liver, Brain and Melanoma cancers*

#### Research Training Awards



*\*OTHER includes Breast and Ovarian cancers*

## INVESTMENT BY CANCER TOPIC

CANCER TOPIC	INVESTMENT	NUMBER OF PROJECTS
Cancer Biology	\$6.5M	31
New Technologies	\$4.0M	17
Precision Medicine	\$3.6M	20
Early Detection and Diagnosis	\$2.0M	10
Chemotherapy and Radiation	\$2.0M	11
Cancer Metastasis	\$1.3M	6
Immunotherapy	\$1.3M	16
Biobanking	\$720K	4
Cancer Drugs	\$450K	3
TOTAL INVESTMENT	\$22M	57*

*\*Projects may tackle multiple cancer topics. Therefore these numbers should not be added.*

## YEAR-TO-YEAR COMPARISON

YEAR	INVESTMENT	PROJECTS	RESEARCHERS	INSTITUTIONS
2024-25	\$22.0M	57	289	49
2023-24	\$19.1M	49	272	66*
2022-23	\$12.8M	36	260	96

*\*In previous years, all institutions that partnered with the TFRI on its multiple initiatives were featured in this list. Starting this year, we are breaking down this number more specifically to show the institutions participating in each of the three funding programs within our research portfolio. This number reflects the total participating in our TFRI Research Grants Programs (which includes PPGs, NIs and training grants).*





**TERRY FOX**  
RESEARCH INSTITUTE

MARATHON OF  
**HOPE**  
CANCER CENTRES  
NETWORK

## MARATHON OF HOPE CANCER CENTRES NETWORK: RESEARCH PORTFOLIO AT A GLANCE

**\$37.5M**

TOTAL INVESTMENT\*

(Health Canada via TFRRI)

**\$25.3M**

MATCH INVESTMENT

SPENT†

**160**

FUNDED  
PROJECTS

**1,287**

INDIVIDUALS  
INVOLVED

**372**

RESEARCHERS  
SUPPORTED

**140**

INSTITUTIONS  
INVOLVED‡

**43**

NETWORK  
MEMBER  
INSTITUTIONS

**128**

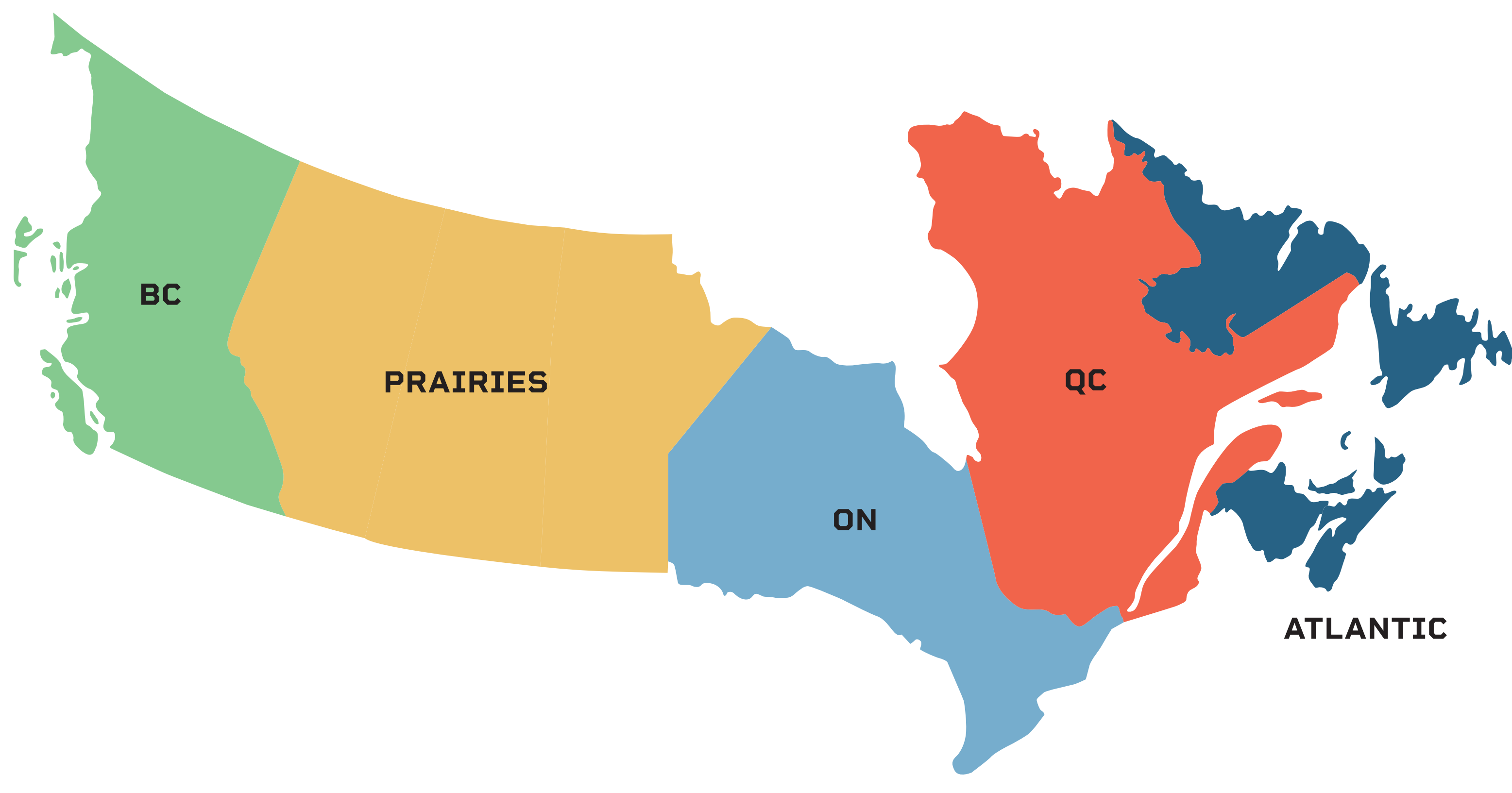
FUNDING &  
RESEARCH  
PARTNERS

\*All investment figures presented in this document reflect funds disbursed by the Terry Fox Research Institute to Network members to support approved activities. The actual expenditure of these funds is the responsibility of Network members. Every dollar invested by the TFRRI must be matched by Network members from non-federal sources on a 1:1 ratio.

†Additional funds invested by partner and member institutions in the Network.

‡A number of institutions are both Network Members and Research and Funding partners. While they are counted under each category, they are only counted once in the total number of institutions.

## INVESTMENT PER REGION



### BC

**\$5.5M**

INVESTED

**37**

PROJECTS

**414**

RESEARCHERS

**4**

INSTITUTIONS

### PRAIRIES

**\$3.8M**

INVESTED

**30**

PROJECTS

**150**

RESEARCHERS

**7**

INSTITUTIONS

### ON

**\$15.8M**

INVESTED

**67**

PROJECTS

**358**

RESEARCHERS

**16**

INSTITUTIONS

### QC

**\$8.0M**

INVESTED

**64**

PROJECTS

**260**

RESEARCHERS

**7**

INSTITUTIONS

### ATLANTIC

**\$4.3M**

INVESTED

**29**

PROJECTS

**104**

RESEARCHERS

**9**

INSTITUTIONS

## INVESTMENT PER FUNDING PRIORITY

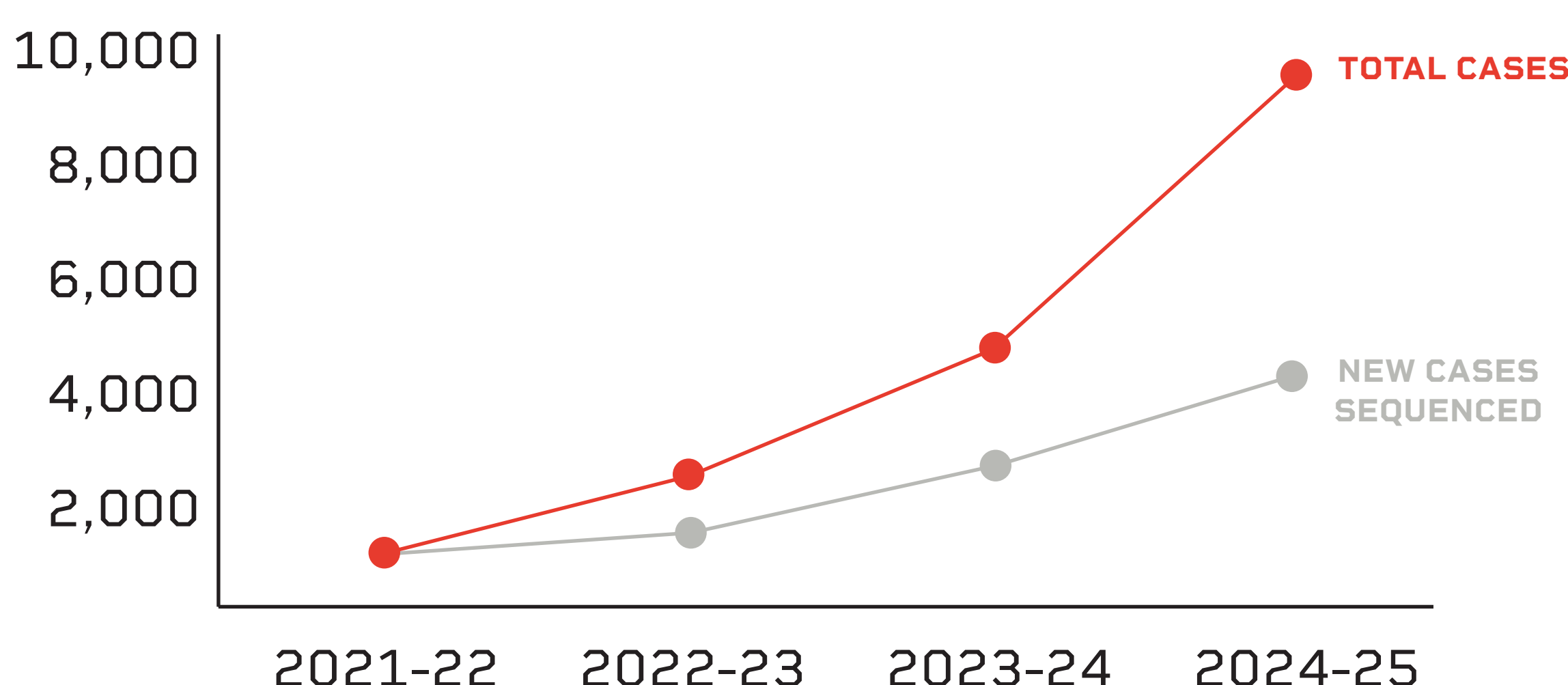
PROGRAM	INVESTMENT	PROJECTS	BC	PRAIRIES	ON	QC	ATLANTIC
Creating MOHCCN Gold Cohort	\$33.5M	102	\$5.0M	\$3.8M	\$13.7M	\$6.9M	\$4.1M
Innovative Infrastructure	\$720K	5	\$90K	\$110K	\$450K	\$60K	\$10K
Training the Next Generation	1.1M	29	\$40K	\$80K	\$490K	\$450K	\$40K
Special Initiatives	\$2.1M	24	\$250K	\$130K	\$1.2M	\$600K	\$150K
<b>TOTAL</b>	<b>\$37.5M</b>	<b>160</b>	<b>\$5.5M</b>	<b>\$3.7M</b>	<b>\$15.8M</b>	<b>\$8.0M</b>	<b>\$4.3M</b>

## PROGRESS TOWARDS CREATING THE GOLD COHORT

CANCER SITE	COHORTS SUPPORTED*	CASES SEQUENCED up to March 31, 2025
Bladder	1	36
Blood	18	1,360
Bone & Soft Tissues	4	466
Brain	4	178
Breast	14	965
Endocrine	1	71
Gastrointestinal Tract	8	498
Gynecologic	9	522
Head & Neck	7	371
Kidney	4	130
Liver	1	86
Lung	9	457
Mixed Tumours	10	2,023
Pancreas	6	527
Pediatric	1	44
Prostate	9	532
Skin	4	168
Solid Tumours	6	376
<b>GOLD COHORT PROJECTS</b>	<b>116</b>	<b>8,810</b>

\*The numbers shown here are cumulative since the beginning of the Network; therefore, the total number of cohorts supported (116) is higher than the number of projects dedicated to building the Gold Cohort that were supported in Fiscal Year 2024-25 (102).

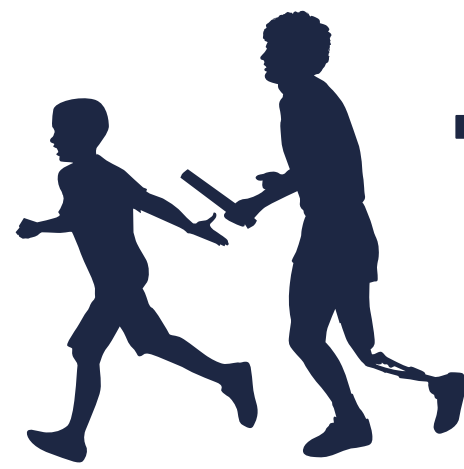
## CASES SEQUENCED PER YEAR



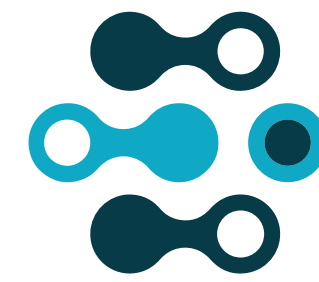
## YEAR-TO-YEAR COMPARISON

YEAR	INVESTMENT (Health Canada via TFRRI)	MATCH FUNDS SPENT*	PROJECTS	INSTITUTIONS	RESEARCHERS SUPPORTED	INDIVIDUALS INVOLVED
<b>2024-25</b>	<b>\$37.5M</b>	<b>\$25.3M</b>	<b>160</b>	<b>140</b>	<b>372</b>	<b>1,287</b>
2023-24	\$24.6M	\$24.1M	127	100	375	–
2022-23	\$15.3M	\$16.1M	61	25	148	–
2021-22	\$13.6M	\$10.7M	–	12	128	–
2020-21	\$1.6M	\$13.1M	–	–	–	–

\*Additional funds invested by partner and member institutions in the Network.



**TERRY FOX**  
RESEARCH INSTITUTE



**Digital Health &  
Discovery Platform**

## DIGITAL HEALTH AND DISCOVERY PLATFORM: RESEARCH PORTFOLIO AT A GLANCE

**\$1.13M**

TOTAL INVESTMENT

**60**

PARTNER INSTITUTIONS

In the 2024-25 fiscal year, the Terry Fox Research Institute, via funding from Innovation, Science and Economic Development (ISED) Canada, invested \$1,132,603 in the relaunch of the Digital Health and Discovery Platform (DHDP). This funding has been used to launch the development of the Platform, supporting federated, secure and standardized data sharing to unlock discoveries for the benefit of patients with cancer and other diseases.

Over the last year, the DHDP has pivoted from the previous hardware technical approach to a hybrid, technology agnostic approach to support sharing of diverse types of data to fuel advancements in AI and precision medicine, including precision oncology and other disease domains. Work this year has led to the creation of a Minimum Viable Product, leveraging OMOP and Flower AI as industry standards, as advised by data and AI domain experts in healthcare. As we move forward with Platform development, the team is focused on data discovery, governance and federated learning.

**14,750**

DEVELOPMENT  
HOURS

**89%**

OF RESPONDENTS  
WILL USE DHDP\*

**180+**

EXPRESSIONS  
OF INTEREST†

\*89% of respondents who saw our first live demo see themselves or their team using the DHDP in the future.

†180+ Expressions of Interest, following the launch of the Digital Health Innovation Fund, our first Request for Applications, worth \$25M. This fund is anticipated to provide \$1-7 million in funding to individual projects that use the DHDP functionality to support new intellectual property or product discovery through cross-sector collaborations within the private sector, AI and healthcare sectors in Canada.