



RESEARCH EXCELLENCE

GOAL 2: BE A WORLD LEADER IN KNOWLEDGE EXCHANGE AND MOBILIZATION

Objective: Leadership in Knowledge Exchange and Mobilization

PURPOSE: UBC strives to support impactful research activity that enhances the engagement of the university locally, regionally, nationally and internationally. Cross-sectoral partnerships, innovation and entrepreneurship opportunities are fostered through the University Industry Liaison Office (UILO), the Entrepreneurship@UBC program, as well as through the Innovation Catalyst and UBC's new University Innovation Strategy.

Metric	Vancouver & Okanagan		
	2011/12	2012/13	2013/14
External Contracts & Agreements	979	951	1052
Cumulative Spin-Offs	153	158	161
New Intellectual Properties	N/A	249**	280**

Summary of Items to Create Metrics

SECTION 1: External contracts and agreements

Total number and value of contracts and agreements with UBC across all sectors.

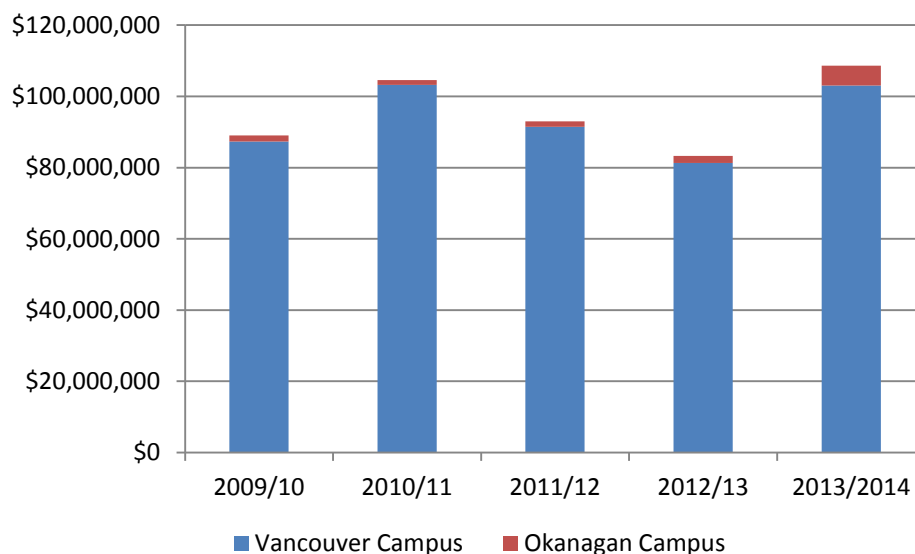
- A) Government and Non-profit Contracts & Agreements
- B) Industry Sponsored Research Projects
- C) Industry Partners

To measure the extent of formal research and development partnerships in which UBC researchers are engaged, across all sectors. The quantity and value of external contracts and agreements, in combination with the sub-metrics and other primary metrics under Goal 2, provide a means of determining the degree of knowledge exchange and mobilization occurring at UBC.

- Government and NFP Contracts and Agreements: Number and value of government and non-profit sponsored research projects (excluding grants recorded in RISE for which UBC received funding).
- Industry Sponsored Research Projects: Number and value of industry-sponsored research projects recorded in RISE for which UBC received funding in each year.
- Industry Partners: Combined data from RISE, NSERC Engage Grants, and Licensing UBC technology.
- Collected for fiscal year April 1- March 31st. Reported to VPRI in June of each year.

RESEARCH EXCELLENCE - A) Government & non-profit contracts and agreements

	Okanagan			Vancouver			UBC		
	11/12	12/13	13/14	11/12	12/13	13/14	11/12	12/13	13/14
Government & non-profit contracts & agreements (#)	30	32	45	949	919	1007	979	951	1052
Government & non-profit contracts & agreements (\$)	\$1,456,070	\$1,933,902	\$5,567,958	\$91,507,524	\$81,324,344	\$103,031,163	\$92,963,595	\$83,258,247	\$108,599,422



Benchmark: Not readily available

Description

The number and value of government and non-profit sponsored research projects (excluding grants) recorded in RISE for which UBC received funding.

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI

Data collection from: Dean Kuusela, Associate Director, ORS/Brett Sharp, Director of Operations, UILO

Date: Fiscal year April 1- March 31. Data is normally finalized in June.

Explanation of Results

UBC researchers engaged in 780 research contracts and agreements with government and non-profit organizations in 2013/14, generating funding of \$108.6M.

RESEARCH EXCELLENCE - B) and C) Industry Sponsored Research Projects, and # Industry partners

	Okanagan			Vancouver			UBC		
	11/12	12/13	13/14	11/12	12/13	13/14	11/12	12/13	13/14
# Industry partners	33	51	62	585	703	762	613	753	821

	Okanagan			Vancouver			UBC		
	11/12	12/13	13/14	11/12	12/13	13/14	11/12	12/13	13/14
# industry partners (sponsored research)	16	24	37	520	593	650	532	616	684
# industry partners (licensees)	0	0	0	31	37	30	31	37	30
# industry partners (Engage grants)	17	27	25	38	73	82	53	100	107

* Note: The total number of Industry Partners (Sponsored Research) is less than the sum of the Okanagan and Vancouver components as some companies have sponsored research at both sites.

Benchmark: No directly comparable information on the number of industry interactions is readily publicly available. However, the Association of University Technology Managers does survey the magnitude of industry sponsored research. The most recent data available are from FY 2013, these are presented for the G5 Universities below:

	2012/2013	
	\$value	Rank vs. G5
UBC	\$43,052,951	2
Univ. of Toronto	\$16,754,097	5
Univ. of Alberta	\$39,838,624	3
Univ. de Montreal	\$64,686,362	1
McGill	\$35,020,044	4

Description

Total number is a combined number of *different* companies:

- Listed in RISE as undertaking industry-sponsored research,
- Partnering with UBC researchers in NSERC Engage Grants
- Licensing UBC technology

Note that this only captures a portion of the companies engaging with UBC because other activities such as Co-op placements, involvement in capstone projects, and internships are not included.

New industry partners are not yet collected and criteria need to be established concerning the definition of “new”. For example, is this compared to the previous year or not having interacted during previous 5 years?

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI

Data collection from: Dean Kuusela, Associate Director, ORS/Brett Sharp, Director of Operations, UILO

Date: Collected for each fiscal year April 1-March 31. The research numbers from RISE are normally available in June each year.

Explanation of Results

In 2013/14 UBC engaged with 821 industry partners in research-related activities, including sponsored research, as licensees of UBC technologies and as partners in Engage Grants funded by NSERC.