



UNIVERSITY OF TORONTO
FACULTY OF MEDICINE

SYNOPSIS OF RESEARCH ACTIVITIES
IN THE FACULTY OF MEDICINE
UNIVERSITY OF TORONTO
AND ITS AFFILIATED
TEACHING HOSPITALS

April 1, 2017 - March 31, 2018

<http://medicine.utoronto.ca/research/research-resources>

Based on RIS data snapshot : January 8, 2019 at 1044hrs
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About this Report

In 2012 the Faculty of Medicine Research Office (Office of the Vice-Dean for Research, Faculty of Medicine) ceased its publication the hardcopy version of the Synopsis of Research Activities of the Faculty of Medicine and Affiliated Hospitals. In its place, is this abbreviated report – available online – consisting of only the most requested Tables and Graphs.

This report's introductory pages have been reformatted to be screen-friendly (landscape orientation) but the tables and graphs have been retained in pdf format for ease of printing for those who desire a paper copy.

As always we would like to acknowledge the support of Departmental Chairs, Research Directors and UofT/Hospital Research Administrators for providing information on research activities.

We would like to thank collectively the numerous individuals who have contributed in one way or another to producing this report. We look forward to your continued support for next year's report.

TERMS OF REFERENCE

Research funding is summarized in the Synopsis by department and by research location of the principal investigator.*

The following guidelines are used to collect research funding information and assign funds in the research database:

- Research funding information is collected from administration offices located on the University of Toronto campus and at the affiliated teaching hospitals for grants and awards received during the period **April 1, 2017- March 31, 2018**.
- Information is collected on investigators who hold a Faculty of Medicine appointment.
- These data are assigned to a principal investigator as identified by the grant application.
- An investigator's research funding information is linked to their primary departmental affiliation and to a primary research location as identified on the grant application.
- Under exceptional conditions, funds may be assigned to a department in which a principal investigator holds a cross appointment.
- This summary includes only research grants captured in the University's Research Information System (RIS) and starting with the 2016-17 report, CFI/MRI awards are represented as a separate source category (column).
- Research funding that remains unexpended during a given report period is not carried forward to subsequent reports.
- The data used to generate this report (unless otherwise indicated) was **based on an RIS 'by-Location' Report download (data snapshot) initiated at 1044hrs of January 8, 2019..**
- All calculations were done using validated programs in SAS statistical Software version 9.4

* In practice, research funds are administered through the departments of all investigators, both principal and co-investigator, involved in a research project. The resource allocation contained in this summary may differ from departmental reports.

Table 1
FACULTY OF MEDICINE - UNIVERSITY OF TORONTO
Summary of Department Research Funding vs Sponsor in THOUSANDS of Dollars
April 2017 - March 2018

DEPARTMENT	Total	CIHR	NSERC	NCIC	HLTH CAN	MOH	HSFO/C	SSHRC	INDUS	OTHER	CFI/MRI ¹	# of Awards
BASIC												
Donnelly Centre (f/c BBDMR)	27,452	8,559	331	245	0	0	0	0	4,834	13,264	220	134
Biochemistry	26,819	7,817	1,419	397	0	0	200	0	689	11,412	4,885	332
Biomat & Biomed Eng	2,123	537	114	0	0	0	47	0	27	1,399	0	45
Immunology	13,325	5,532	229	246	0	0	0	0	837	6,298	184	209
Medical Biophysics	77,647	15,670	1,280	1,056	0	0	85	0	2,249	51,010	6,298	722
Molecular Genetics	85,132	22,848	2,142	238	0	0	202	0	6,004	43,440	10,257	743
Nutritional Sciences	6,181	2,973	153	0	15	0	25	0	488	2,527	0	138
Pharmacology	5,885	1,552	141	0	0	182	0	0	310	3,701	0	180
Physiology	20,951	7,807	732	0	0	0	408	0	940	10,801	261	311
SUB-TOTAL	265,515	73,295	6,541	2,182	15	182	967	0	16,378	143,852	22,105	2,814
CLINICAL												
Anesthesia	8,114	1,918	0	0	0	80	15	0	928	5,135	39	149
Family & Community Medicine	17,010	2,171	0	0	0	7,139	0	0	305	7,395	0	145
Lab. Medicine & Pathobiology	31,358	7,015	329	542	0	0	216	0	1,824	21,431	0	500
Medical Imaging	8,224	543	120	157	0	0	100	0	767	6,161	377	127
Medicine	195,149	32,249	324	1,289	711	1,604	3,943	0	44,905	108,587	1,537	2,437
Obstetrics & Gynaecology	6,154	1,897	30	192	0	0	0	0	438	3,598	0	68
Occupational Therapy	10,506	956	97	0	0	0	56	227	229	8,941	0	316
Ophthalmology And Vision Sci	7,826	245	178	0	0	0	0	0	526	6,877	0	115
Otolaryngology	2,238	304	0	0	0	0	0	0	157	1,760	17	36
Paediatrics	66,198	14,801	122	0	0	106	222	0	6,311	44,331	304	969
Physical Therapy	5,118	1,985	138	0	0	35	280	40	3	2,617	20	294
Psychiatry	58,482	9,409	90	24	0	22	94	157	2,246	44,526	1,913	471
Radiation Oncology	50,232	1,410	88	157	0	0	0	0	1,395	47,182	0	254
Speech-Language Pathology	2,697	181	81	0	0	10	0	105	406	1,881	33	150
Surgery	69,071	10,294	360	650	0	67	409	0	4,932	50,457	1,902	933
SUB-TOTAL	538,377	85,378	1,957	3,011	711	9,063	5,335	529	65,372	360,879	6,142	6,964
Other	17,194	1,027	422	0	0	270	0	0	2,958	12,147	370	502
TOTAL	821,086	159,700	8,920	5,193	726	9,515	6,302	529	84,708	516,878	28,617	10,280
GRAND TOTAL²	821,086 (x \$1000)											10,280

¹ Starting in 2016-17, CFI and MRI funding, previously excluded from Departmental totals is now displayed as a separate sponsor category.

² Excludes \$22,529,907 from the Federal Indirect Costs Program awarded to affiliate hospitals.

Table 4
FACULTY OF MEDICINE - UNIVERSITY OF TORONTO
Summary of Location Research vs Sponsor (Funding Source) in THOUSANDS of Dollars
April 2017 - March 2018

HOSPITAL	Total	CIHR	NSERC	NCIC	HLTH CAN	MOH	HSFO/C	SSHRC	INDUS	OTHER CFI/MRI ³	# of Awards
Baycrest Centre for Geriatric Care	4,568	925	62	0	0	0	0	0	0	3,581	43
Holland Bloorview	5,973	690	105	0	0	0	0	75	329	4,741	89
Centre for Addiction and Mental Health	48,533	7,122	65	0	0	7,264	0	45	2,080	30,044	275
Hospital for Sick Children	159,642	35,291	2,052	0	0	106	902	0	8,793	97,883	1,729
Sinai Health System - Mt. Sinai Hospital	56,062	15,094	381	0	0	0	161	0	6,262	32,686	458
St. Michael's Hospital	55,633	15,085	357	2	693	250	658	20	7,906	29,505	733
Sunnybrook Health Sciences Centre	77,513	13,520	729	0	18	200	2,033	0	10,518	43,401	821
University Health Network	276,500	28,941	893	4,301	0	234	1,731	54	36,405	203,942	2,681
Women's College Hospital	6,687	1,943	0	0	0	1,191	244	0	220	3,089	86
Other Hospitals / Institutions ¹	12,401	1,817	0	2	0	0	0	0	2,080	8,502	95
SUB-TOTAL	703,513	120,428	4,644	4,305	711	9,245	5,729	194	74,593	457,374	7,010
Other Locations ²	241	224	0	0	0	0	0	0	0	17	3
UofT Campus	117,332	39,049	4,274	888	15	270	573	335	10,115	59,487	3,267
TOTAL	821,086	159,701	8,918	5,193	726	9,515	6,302	529	84,708	516,878	10,280
GRAND TOTAL	821,086 (x \$1000)										10,280

¹ Research at other affiliated institutions: For a breakdown see Table 4.1

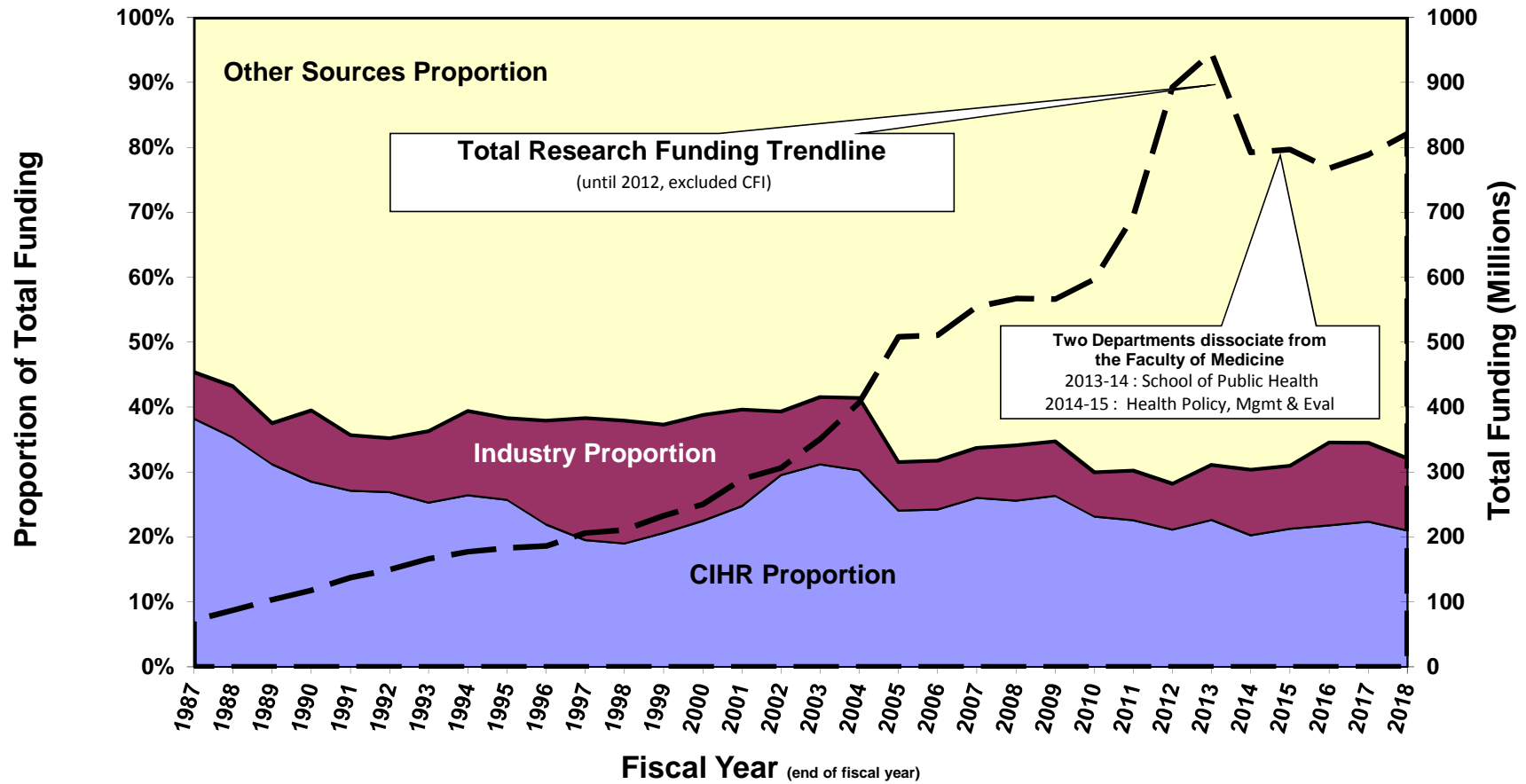
² Research at other locations other than UofT Campus and affiliates.

³ Starting in 2016-17, CFI and MRI funding, previously excluded from hospital totals is now displayed as a separate sponsor category.

Table 4.1
FACULTY OF MEDICINE - UNIVERSITY OF TORONTO
Summary of Other Hospitals / Institutes vs Sponsor (Funding Source) in THOUSANDS of Dollars
 April 2017 - March 2018

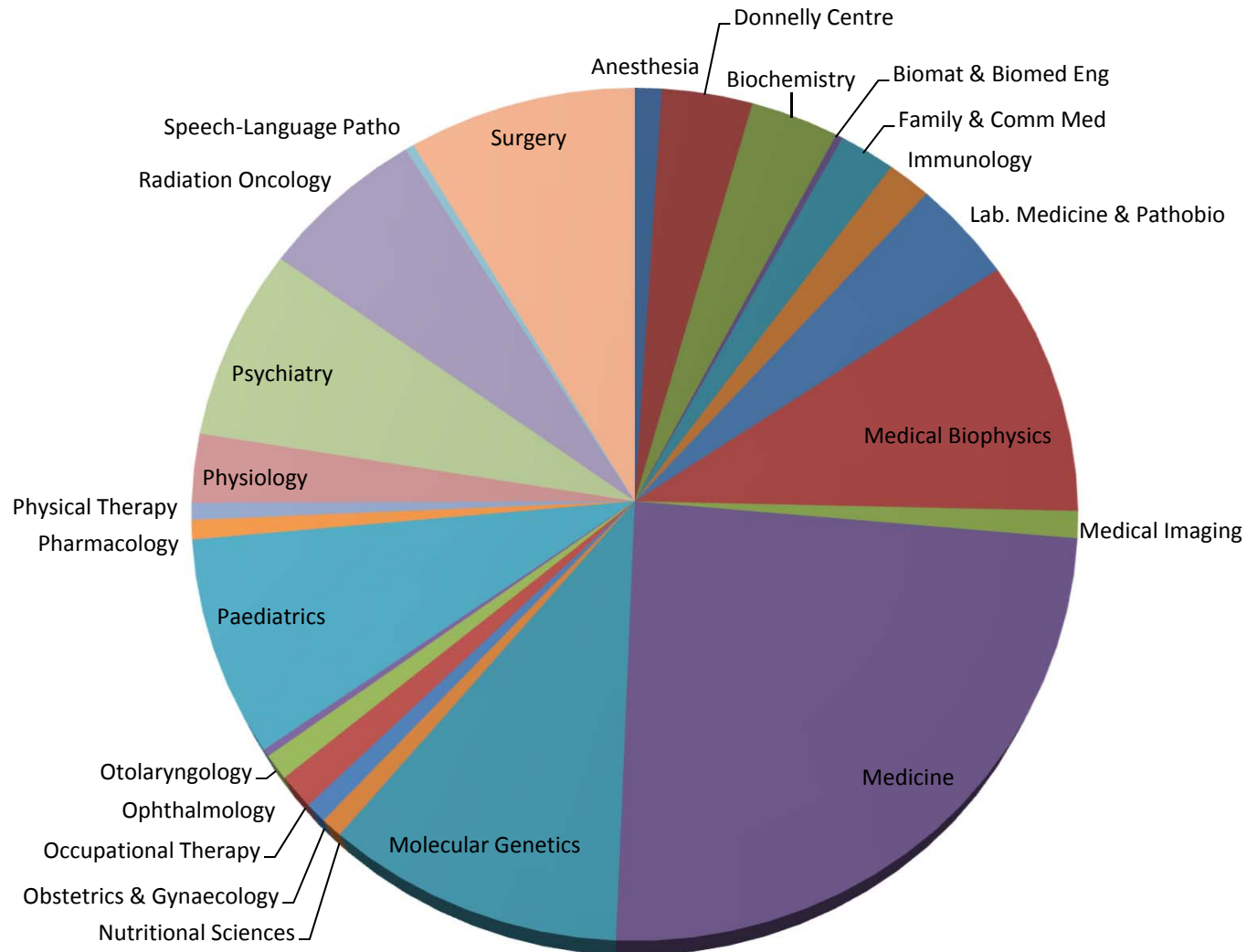
HOSPITAL	Total	CIHR	NSERC	NCIC	HLTH CAN	MOH	HSFO/C	SSHRC	INDUS	OTHER	CFI/MRI ³	# of Awards
Institute For Work & Health	169	169	0	0	0	0	0	0	0	0	0	2
North York General Hospital	879	103	0	0	0	0	0	0	583	193	0	24
Ontario Agency For Health Protection And Promotion	898	760	0	0	0	0	0	0	0	138	0	7
Ontario Institute For Cancer Research	9,215	710	0	0	0	0	0	0	1,309	7,195	0	33
Trillium Health Partners	1,190	75	0	2	0	0	0	0	188	926	0	28
West Park Hospital	50	0	0	0	0	0	0	0	0	50	0	1
TOTAL	12401	1817	0	2	0	0	0	0	2080	8502	0	95

Figure 1
FACULTY OF MEDICINE - UNIVERSITY OF TORONTO
 Comparison of Research Funding By Sponsor Source: 1987 to 2018

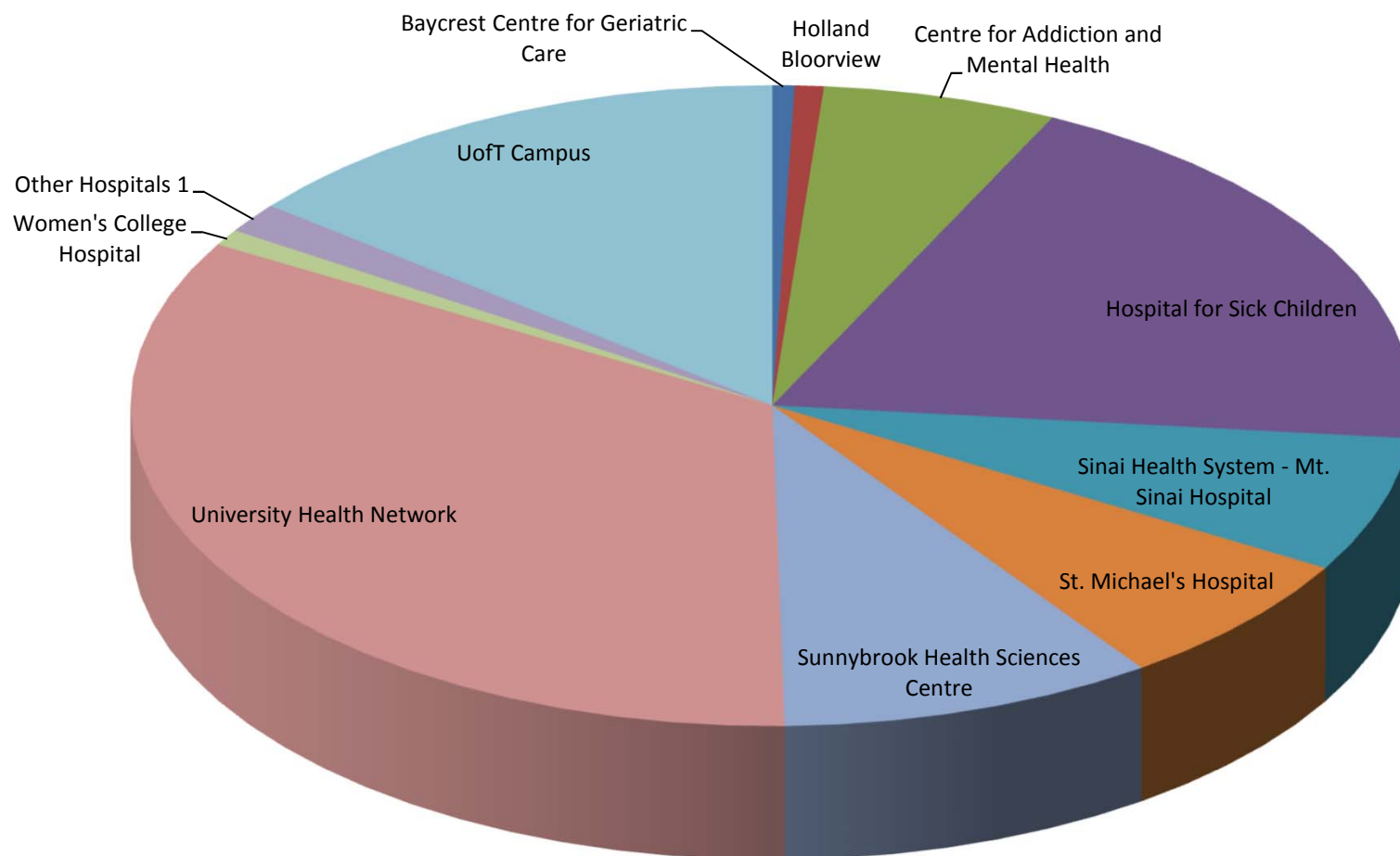


FACULTY OF MEDICINE - UNIVERSITY OF TORONTO

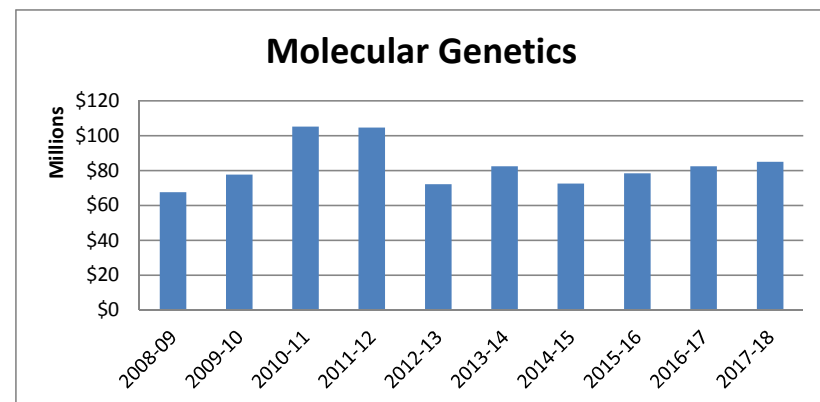
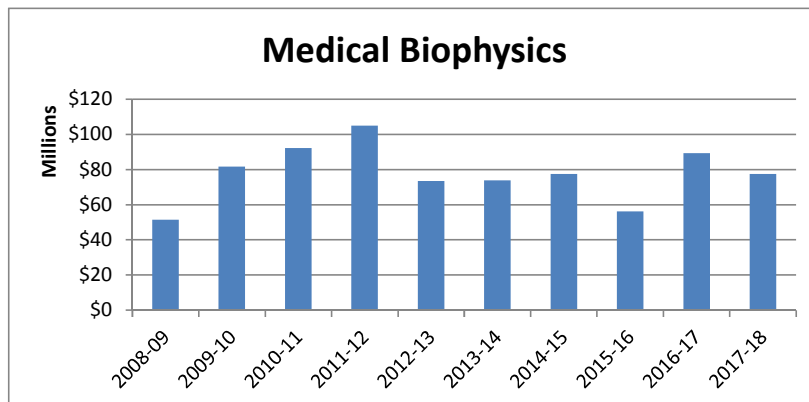
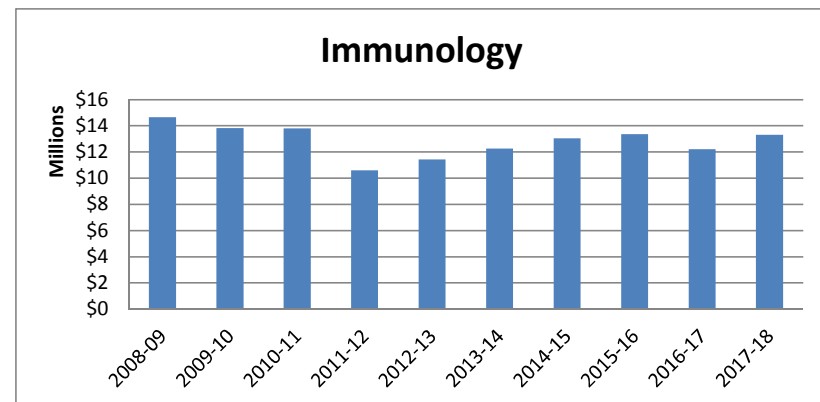
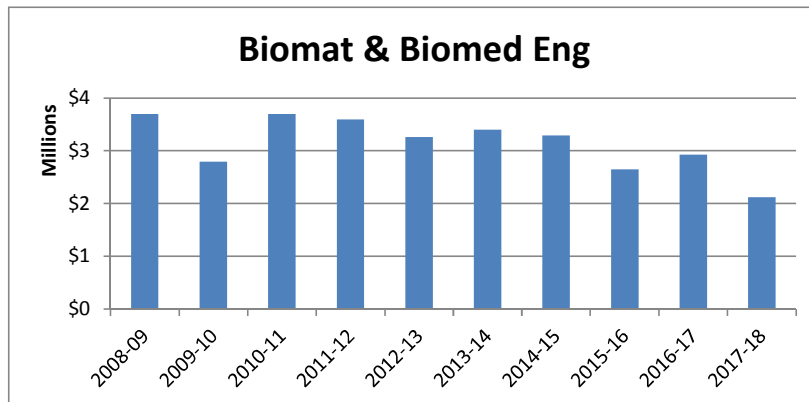
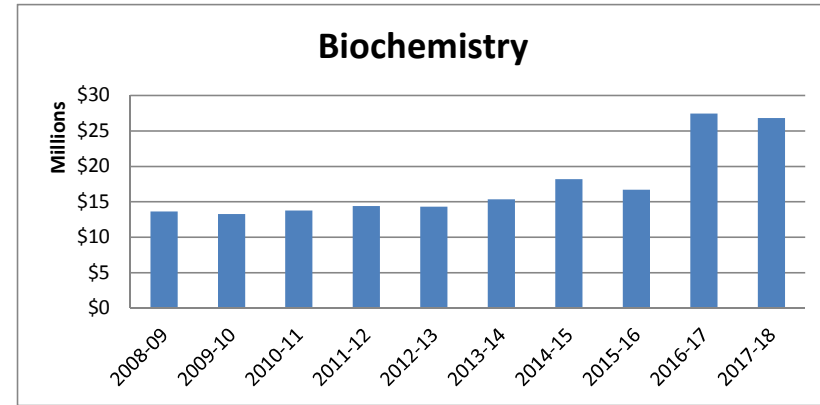
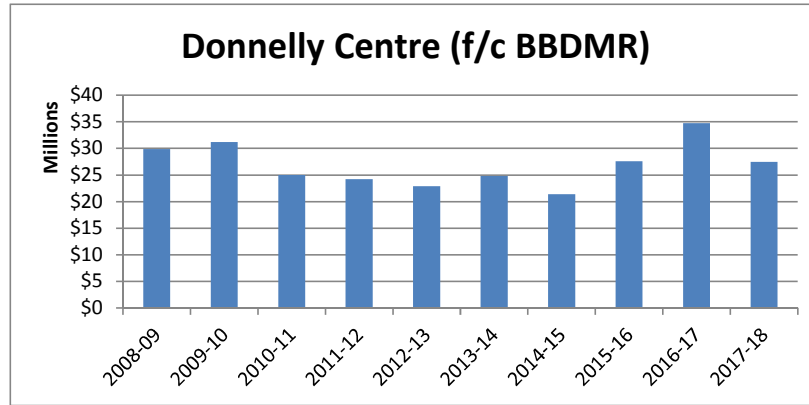
Proportion of Total 2017-18 Funding by Department

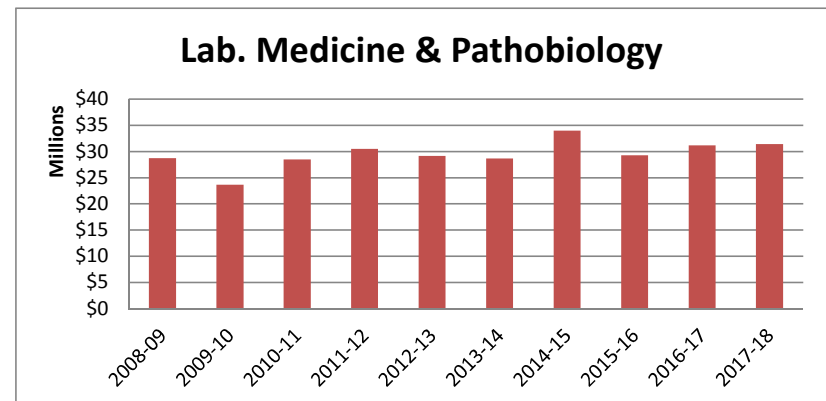
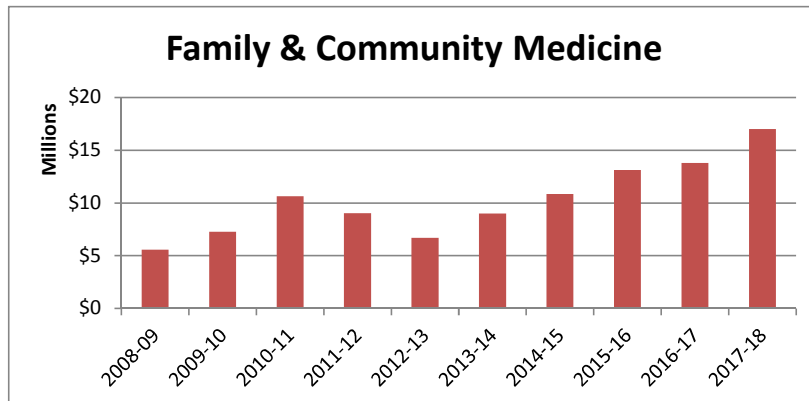
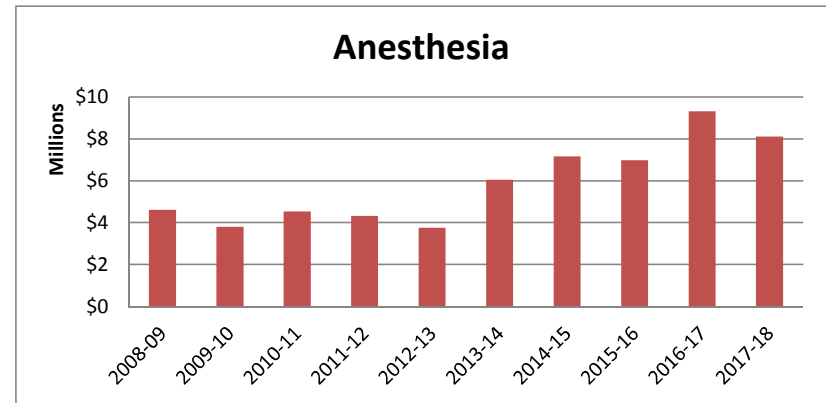
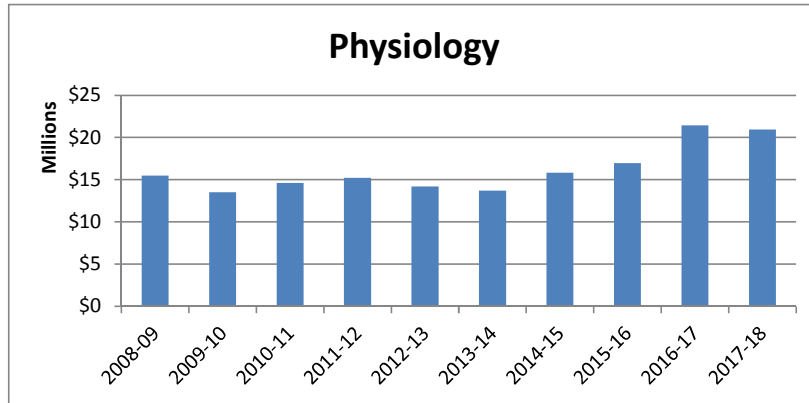
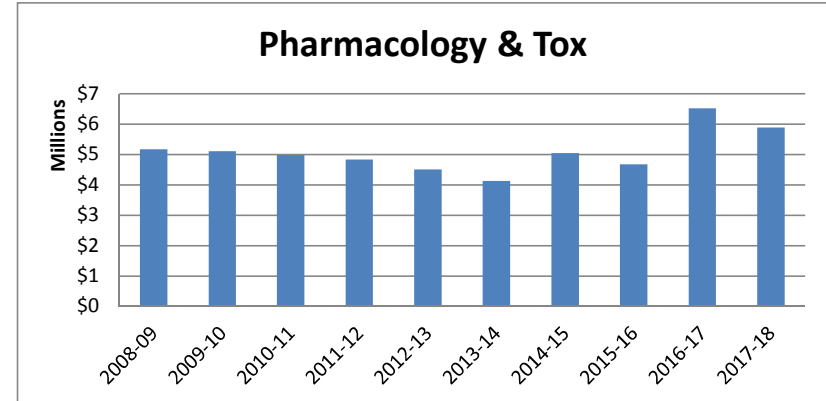
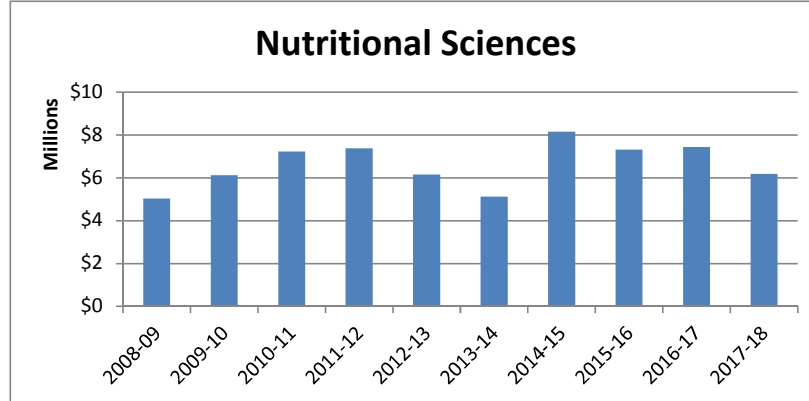


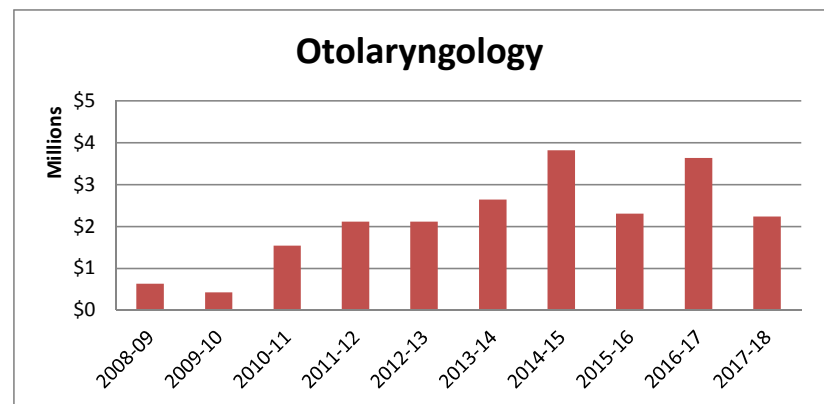
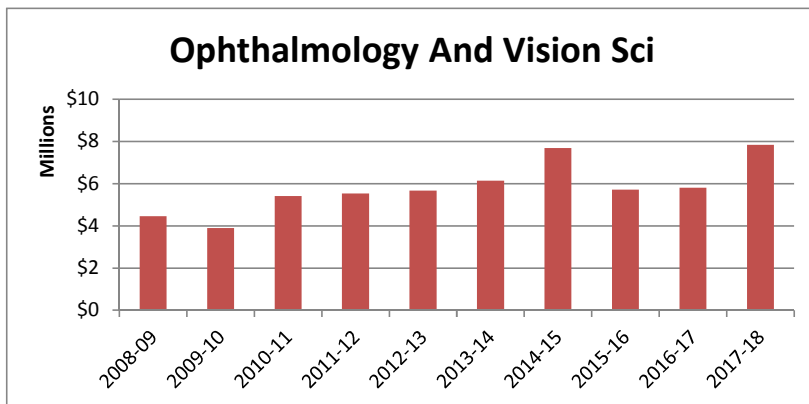
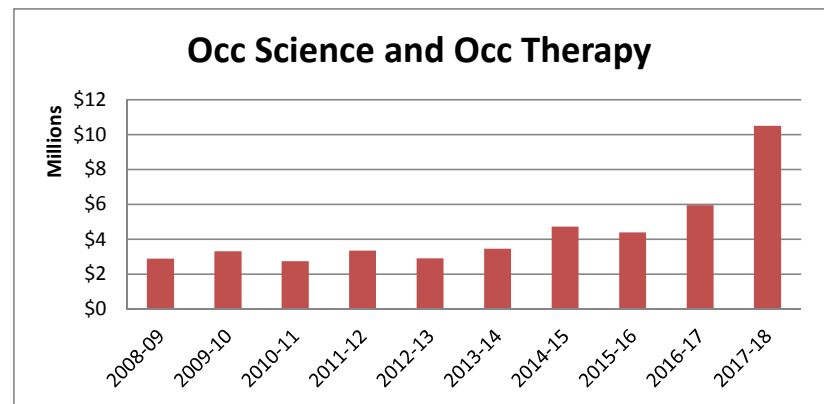
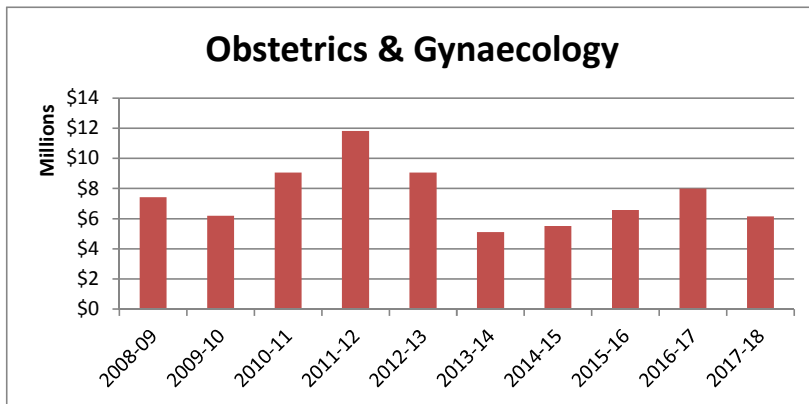
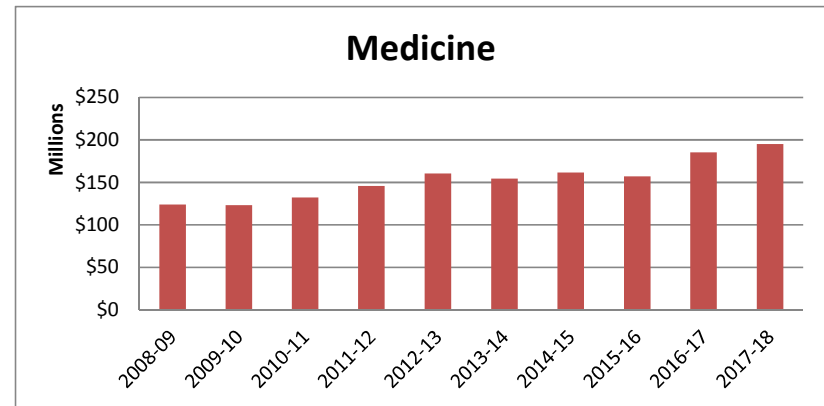
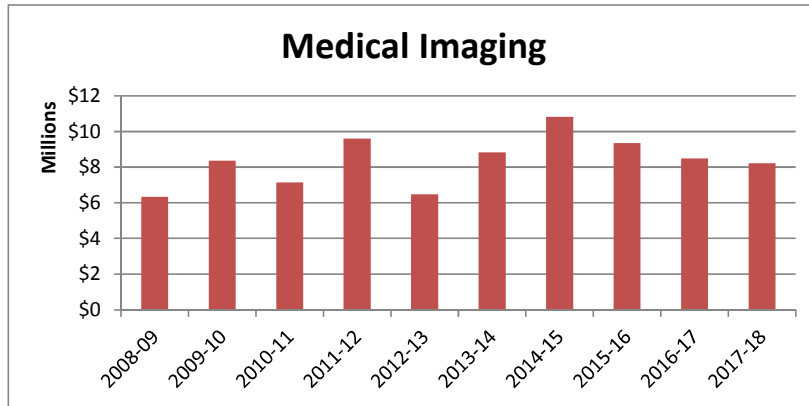
FACULTY OF MEDICINE - UNIVERSITY OF TORONTO
Total Research Dollar Distribution by Location of Research for 2017-18

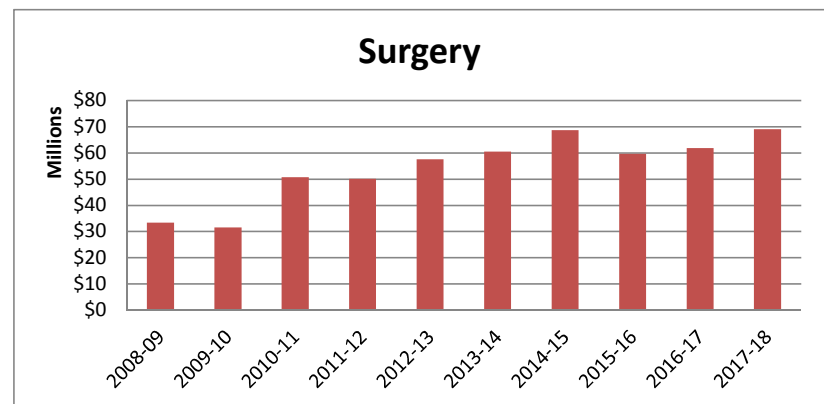
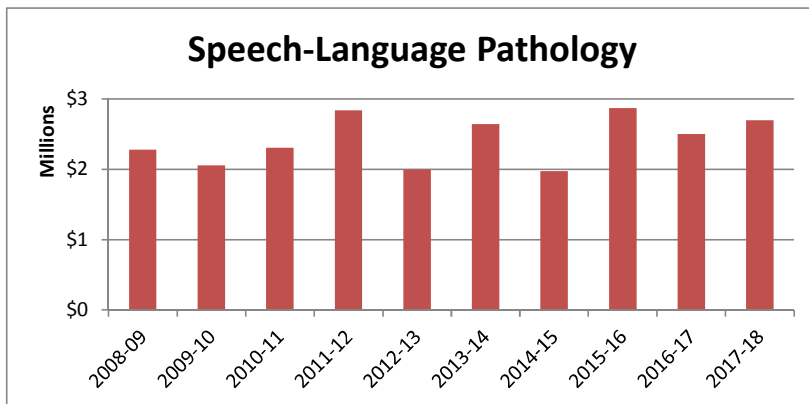
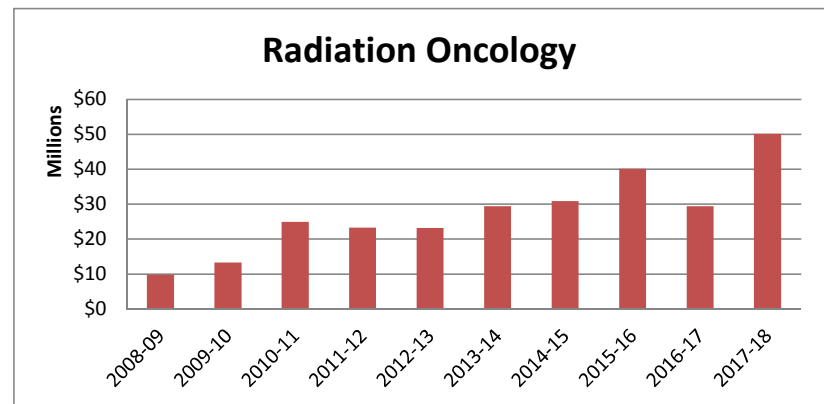
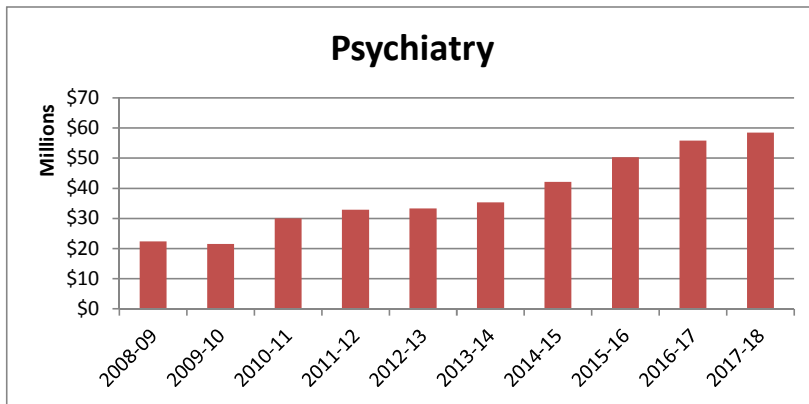
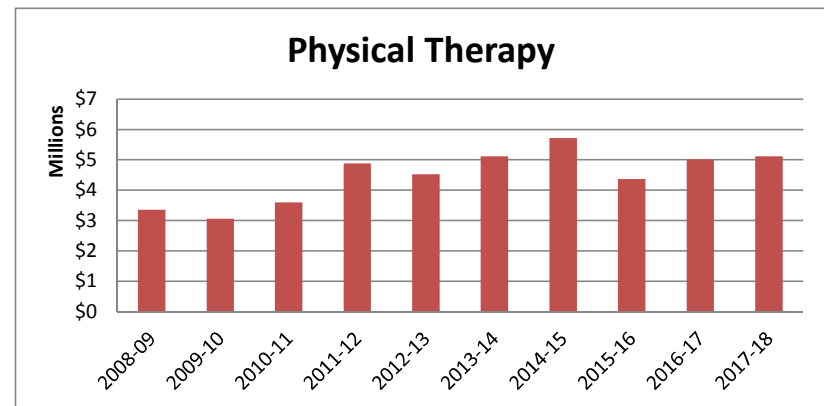
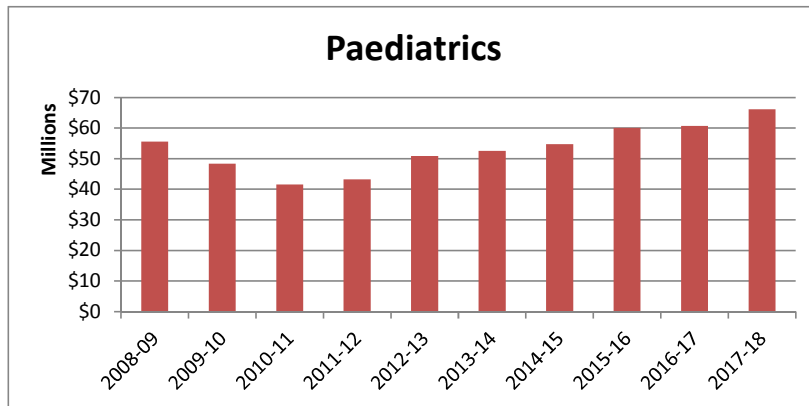


Ten-Year Trends By Department in Millions of Dollars

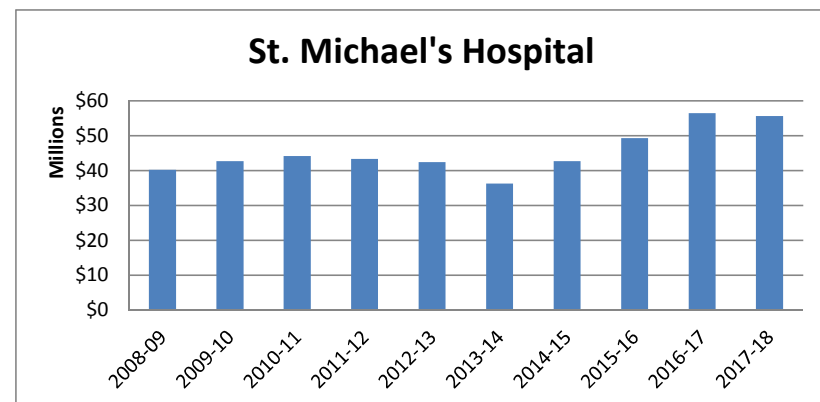
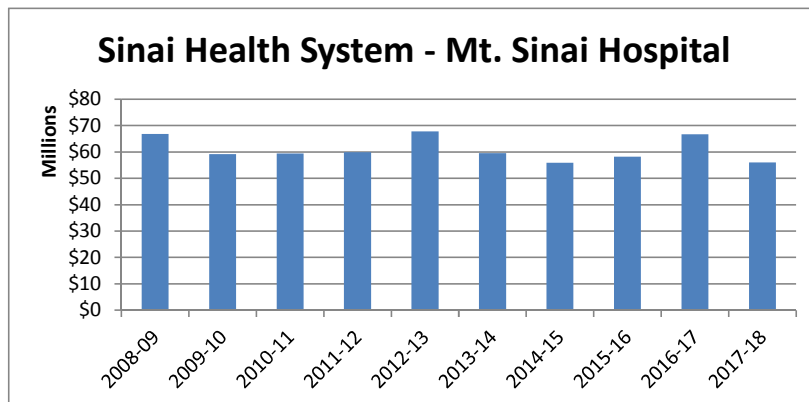
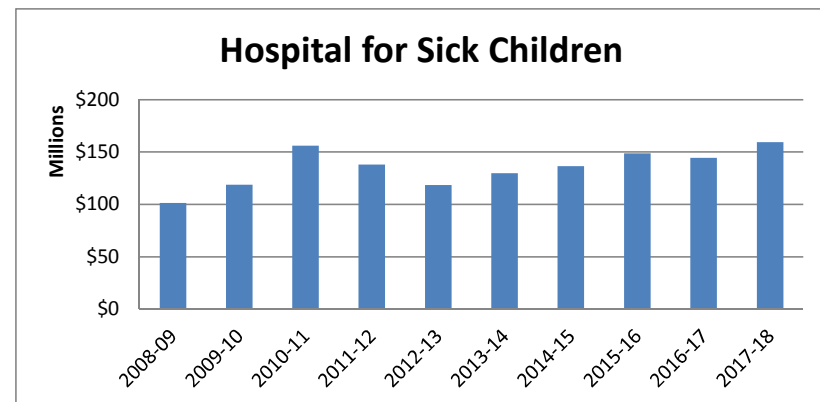
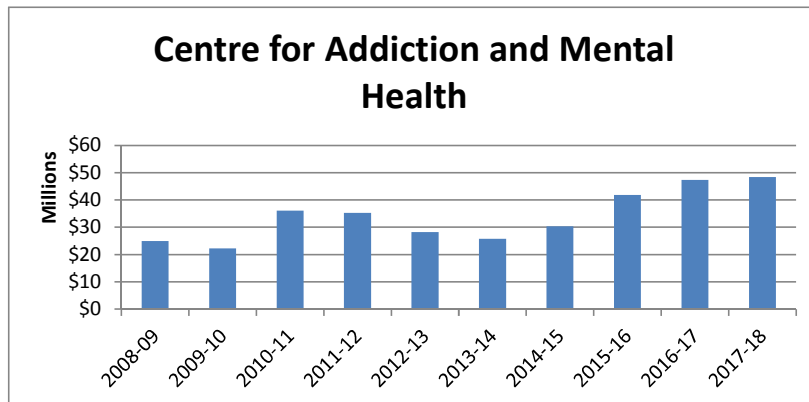
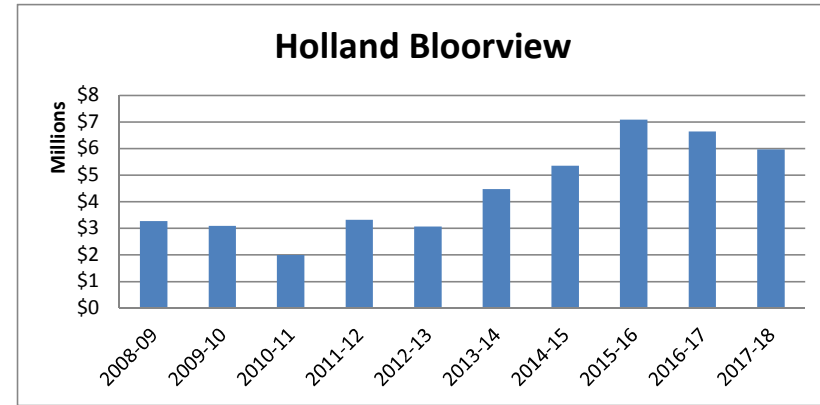
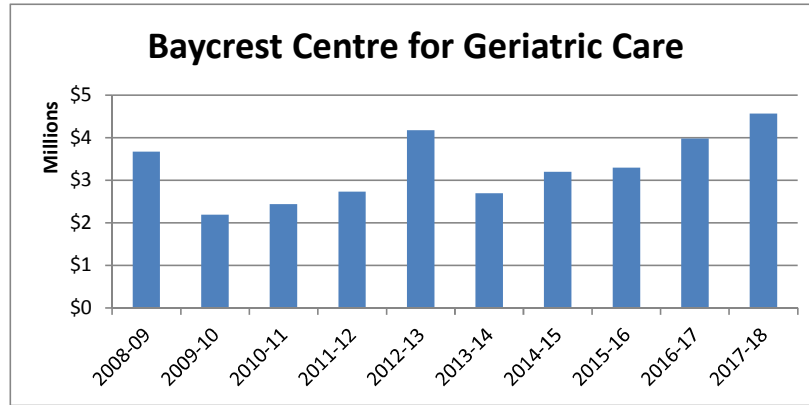


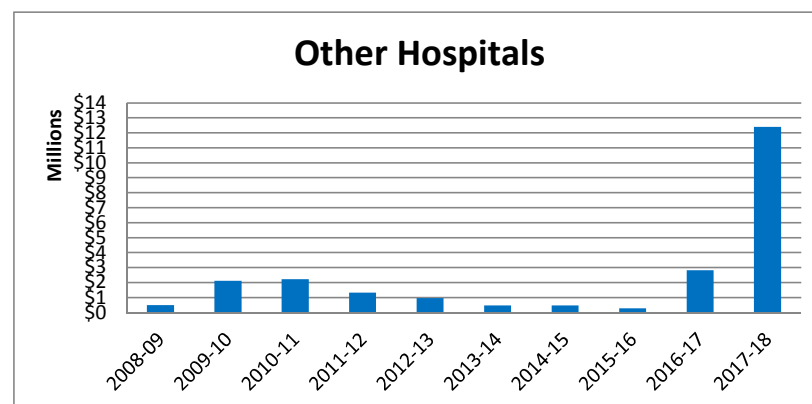
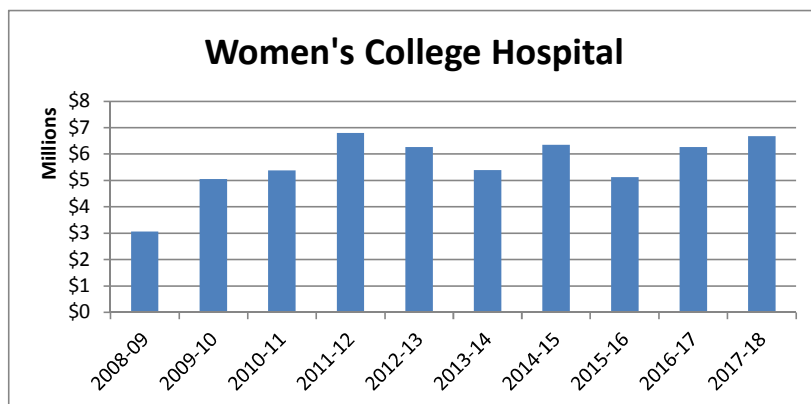
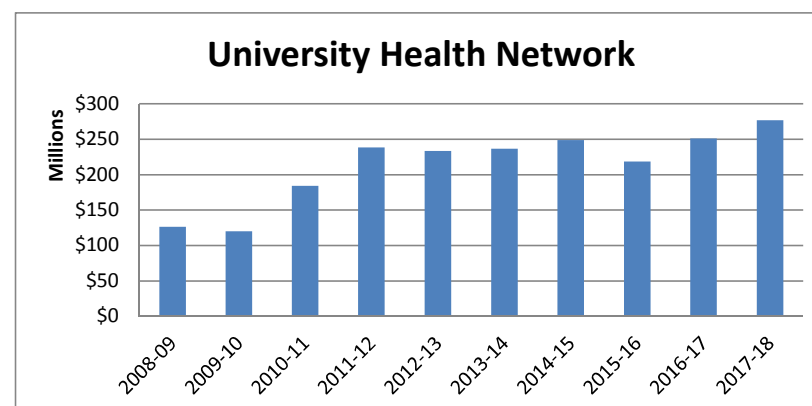
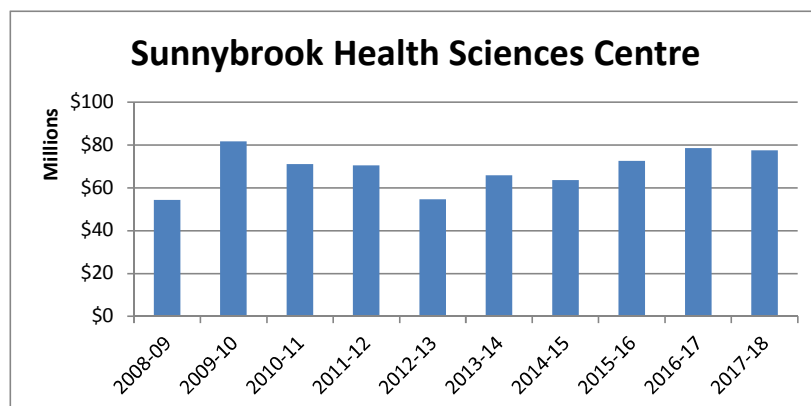






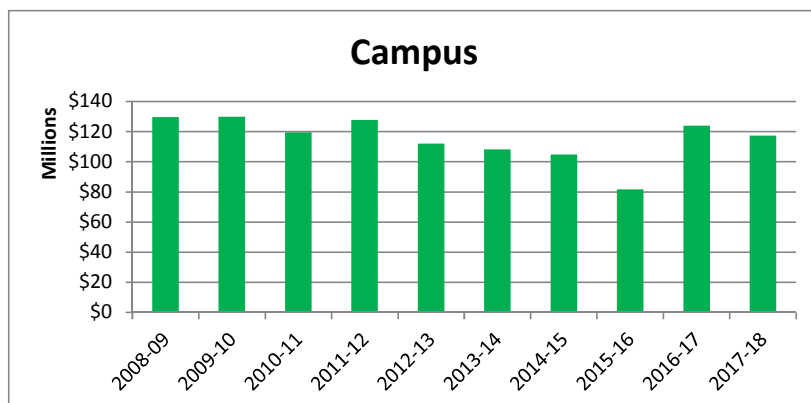
Ten-Year Trends By Location in Millions of Dollars





Research at non fully-affiliated institutions: IWH, NYG, OAHPP, OICR, THP
 2017-18 includes data collection from NYG, OICR and THP

- IWH - Institute for Work and Health
- NYG - North York General
- OAHPP - Ontario Agency for Health Protection and Promotion
- OICR - Ontario Insittute for Cancer Research
- THP - Trillium Health Partners



Note that vertical axes are scaled to each individual location.