



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, 2016 - March 31, 2017

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

Based on RIS data snapshot: October 24, 2017, 1315hrs
Version 1.0 : November 3, 2017

 G. Baylon
August 21, 2017

PRODUCED BY:

Office of the Vice Dean, Research and Innovation
Faculty of Medicine
University of Toronto
<http://medicine.utoronto.ca/research>

Rooms 2331 - 2340
1 King's College Circle
Toronto, Ontario M5S 1A8
CANADA

Contact person:
GJ Baylon, MD
Coordinator, Research Information

(416) 978 – 8339
Medicine.datamgt@utoronto.ca

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, 2016- March 31, 2017**.
- 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 1315hrs of October 24, 2017..**
- 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 2016 - March 2017

DEPARTMENT	Total	CIHR	NSERC	NCIC	HLTH CAN	MOH	HSFO/C	SSHRC	INDUS	OTHER	CFI/MRI ¹	# of Awards
BASIC												
Donnelly Centre (f/c BBDMR)	34,726	8,873	324	245	0	0	0	0	5,949	14,256	5,079	146
Biochemistry	27,451	7,867	1,284	392	0	0	111	0	899	11,147	5,752	317
Biomat & Biomed Eng	2,928	878	147	0	0	38	107	0	18	1,740	0	45
Immunology	12,215	5,741	240	241	0	0	0	0	437	5,316	240	188
Medical Biophysics	89,321	14,952	1,189	1,205	0	0	217	0	2,536	61,437	7,785	637
Molecular Genetics	82,612	23,696	2,818	250	0	0	108	0	6,191	41,280	8,268	687
Nutritional Sciences	7,433	2,522	208	0	0	0	115	0	608	3,014	966	142
Pharmacology	6,516	1,516	100	0	0	0	50	0	474	3,598	777	179
Physiology	21,464	7,274	726	0	0	0	373	0	487	9,869	2,734	308
SUB-TOTAL	284,666	73,319	7,036	2,333	0	38	1,081	0	17,599	151,657	31,601	2,649
CLINICAL												
Anesthesia	9,316	1,802	0	0	0	28	54	0	3,023	4,132	277	113
Family & Community Medicine	13,794	1,204	0	0	0	7,569	0	0	453	4,567	0	91
Lab. Medicine & Pathobiology	31,111	6,846	613	487	0	0	518	0	3,065	19,173	409	510
Medical Imaging	8,497	756	119	249	0	0	56	0	622	6,118	576	126
Medicine	185,448	29,513	340	1,508	88	1,933	4,527	0	42,752	99,907	4,879	1,971
Obstetrics & Gynaecology	8,004	2,304	30	150	0	0	0	0	674	4,788	59	105
Occupational Therapy	5,968	728	98	0	0	0	0	336	274	4,532	0	350
Ophthalmology And Vision Sci	5,805	290	51	0	0	0	0	0	1,489	3,852	124	75
Otolaryngology	3,634	349	0	0	0	0	0	0	77	3,167	40	43
Paediatrics	60,783	14,945	170	0	0	112	130	0	5,103	39,947	376	890
Physical Therapy	5,019	1,562	134	0	0	0	324	9	4	2,772	214	329
Psychiatry	55,835	10,062	63	0	382	334	0	88	2,121	40,375	2,411	462
Radiation Oncology	29,359	1,510	149	100	0	0	0	0	1,587	24,025	1,987	293
Speech-Language Pathology	2,501	182	111	0	0	27	0	86	201	1,895	0	185
Surgery	61,868	11,354	462	532	0	0	525	0	4,141	43,194	1,660	780
SUB-TOTAL	486,942	83,407	2,340	3,026	470	10,003	6,134	519	65,586	302,444	13,012	6,323
Other	17,149	1,169	426	0	0	0	0	0	2,591	8,599	4,363	428
TOTAL	788,757	157,895	9,802	5,359	470	10,041	7,215	519	85,776	462,700	48,976	9,400
GRAND TOTAL²	788,757 (x \$1000)											9,400

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, 757, 171 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
April2016 - March 2017

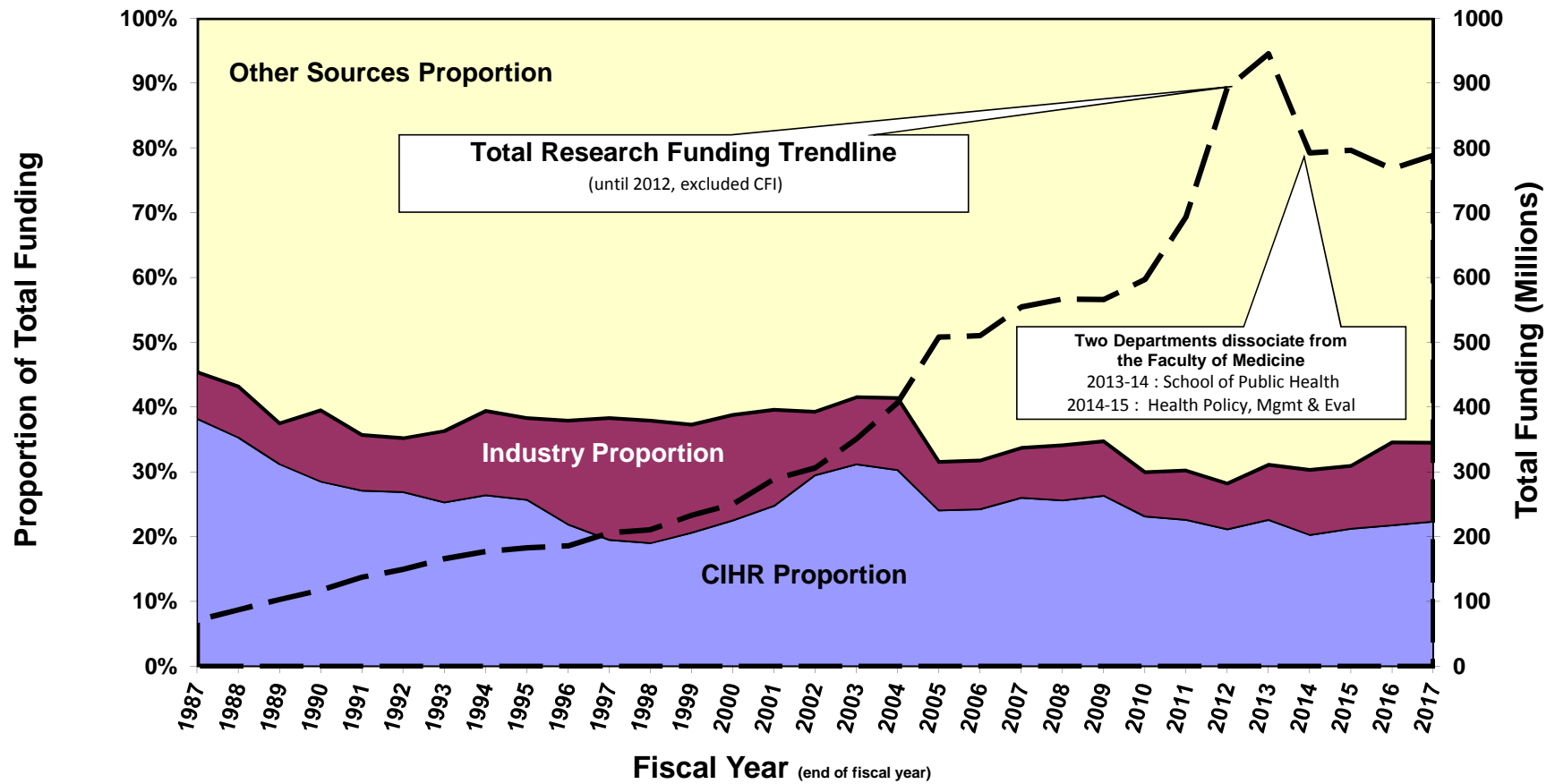
HOSPITAL	Total	CIHR	NSERC	NCIC	HLTH CAN	MOH	HSFO/C	SSHRC	INDUS	OTHER	CFI/MRI ³	# of Awards
Baycrest Centre for Geriatric Care	3,982	1,130	33	0	0	0	0	0	0	2,819	0	37
Holland Bloorview	6,638	801	85	0	0	0	0	220	381	5,151	0	87
Centre for Addiction and Mental Health	47,411	7,387	63	0	382	7,305	0	25	2,027	27,811	2,411	269
Hospital for Sick Children	144,480	36,081	2,326	0	0	112	725	0	8,797	89,024	7,415	1,623
Sinai Health System - Mt. Sinai Hospital	66,716	16,989	426	0	0	0	212	0	9,320	36,005	3,764	487
St. Michael's Hospital	56,470	12,387	467	2	73	278	1,070	9	10,747	30,190	1,248	714
Sunnybrook Health Sciences Centre	78,498	11,676	743	38	15	616	2,329	0	10,224	45,902	6,955	824
University Health Network	251,118	29,702	829	4,338	0	118	2,079	9	33,160	164,116	16,766	1,868
Women's College Hospital	6,267	1,198	0	0	0	1,612	283	0	424	2,751	0	72
Other Hospitals ¹	2,836	665	0	4	0	0	0	0	509	1,658	0	51
<i>SUB-TOTAL</i>	664,417	118,016	4,972	4,382	470	10,041	6,698	263	75,589	405,427	38,559	6,032
Other Locations ²	476	362	0	0	0	0	0	0	0	114	0	4
UofT Campus	123,865	39,518	4,829	977	0	0	517	255	10,191	57,161	10,416	3,364
<i>TOTAL</i>	788,758	157,896	9,801	5,359	470	10,041	7,215	518	85,780	462,702	48,975	9,400
GRAND TOTAL	788,758 (x \$1000)											9,400

¹ Research at non fully-affiliated hospitals.

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

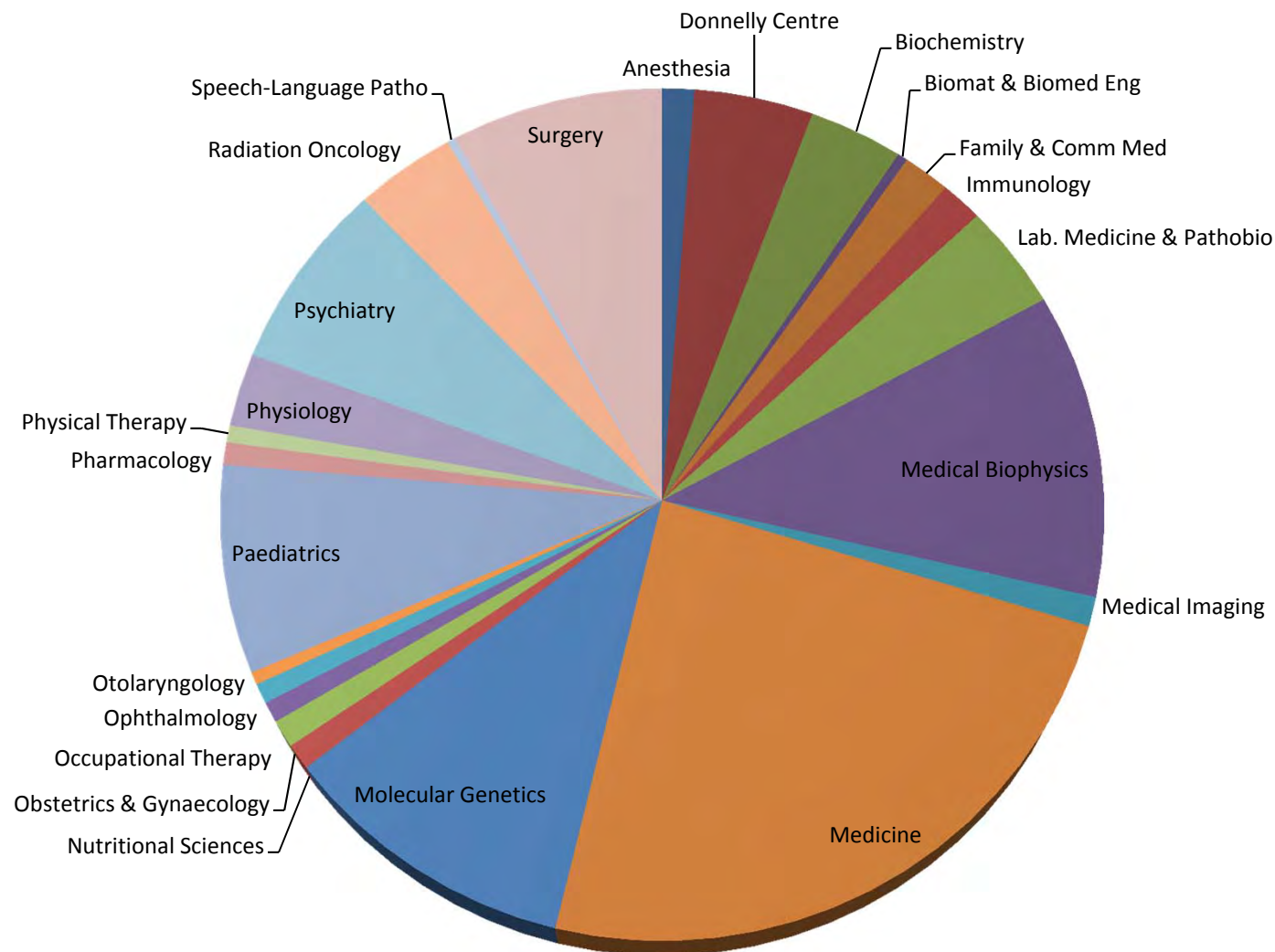
³ Starting in 2016-17, CFI and MRI funding, previously excluded from hospital totals is now displayed as a separate sponsor category.

Figure 1
FACULTY OF MEDICINE - UNIVERSITY OF TORONTO
 Comparison of Research Funding By Sponsor Source: 1987 to 2017



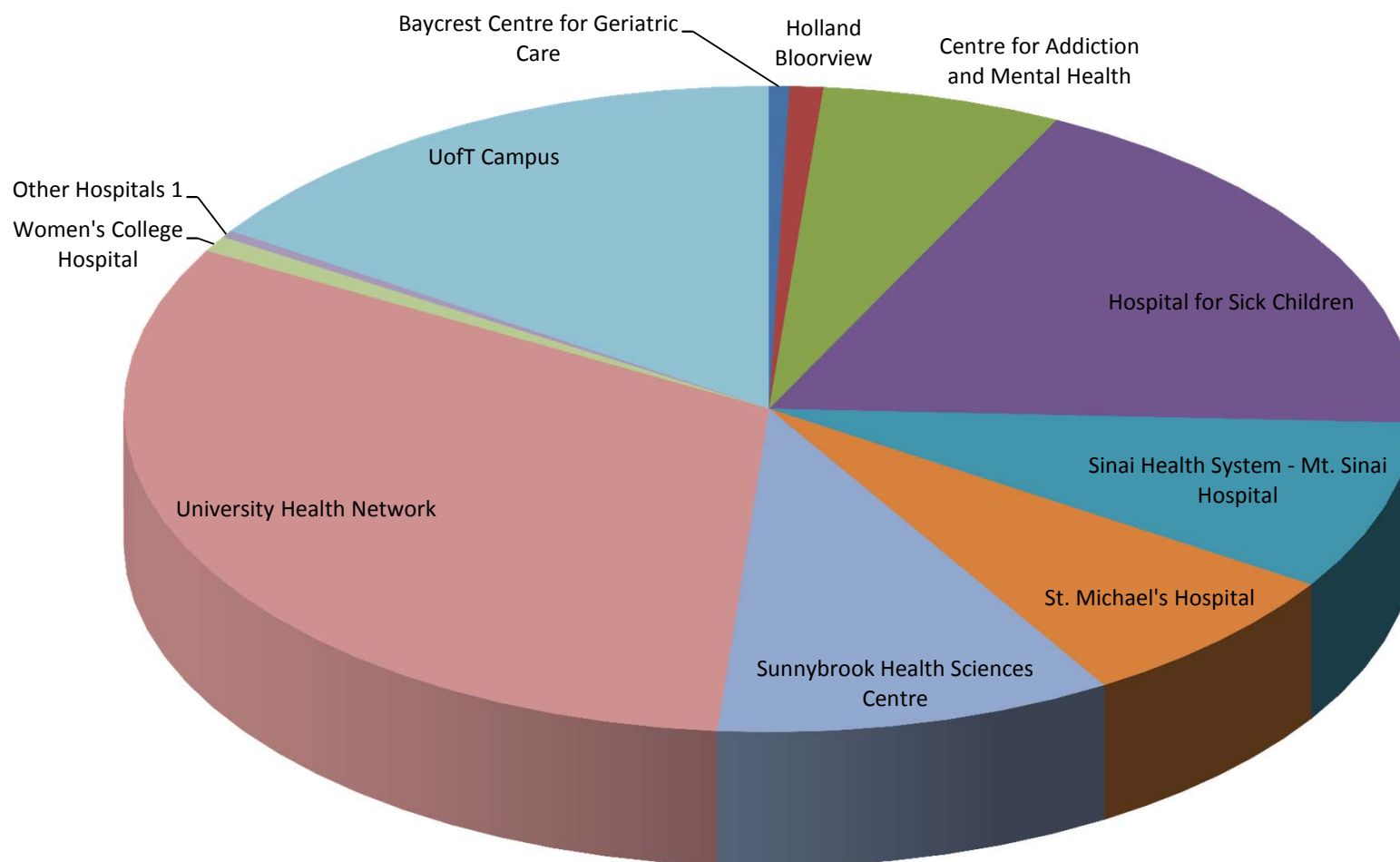
FACULTY OF MEDICINE - UNIVERSITY OF TORONTO

Proportion of Total 2016-17 Funding by Department

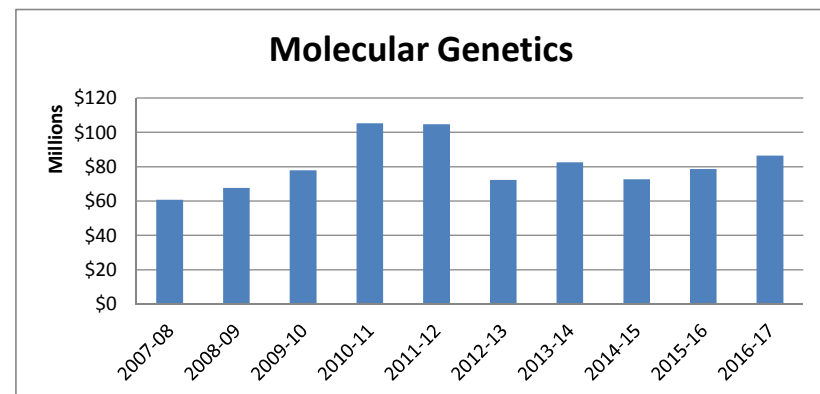
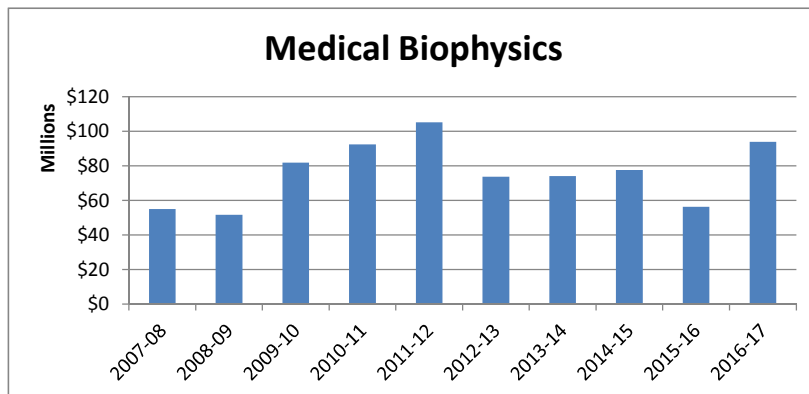
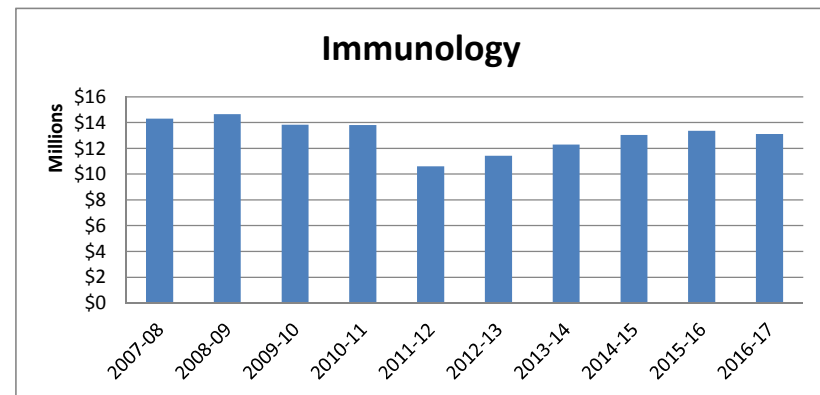
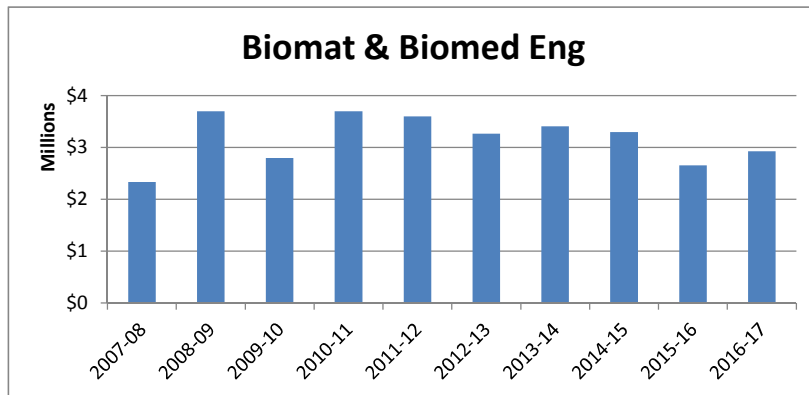
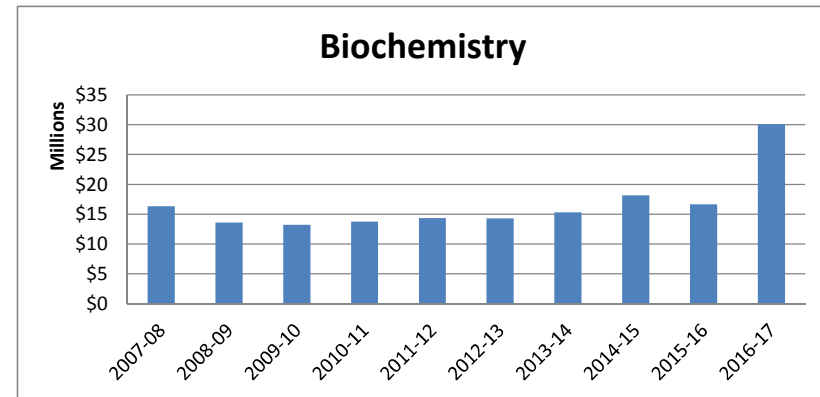
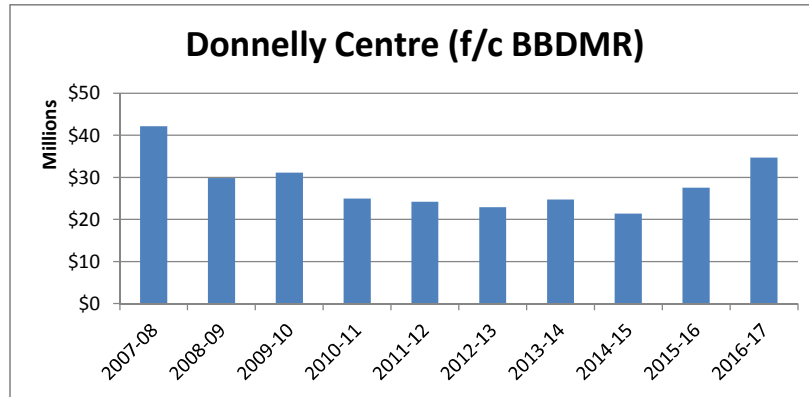


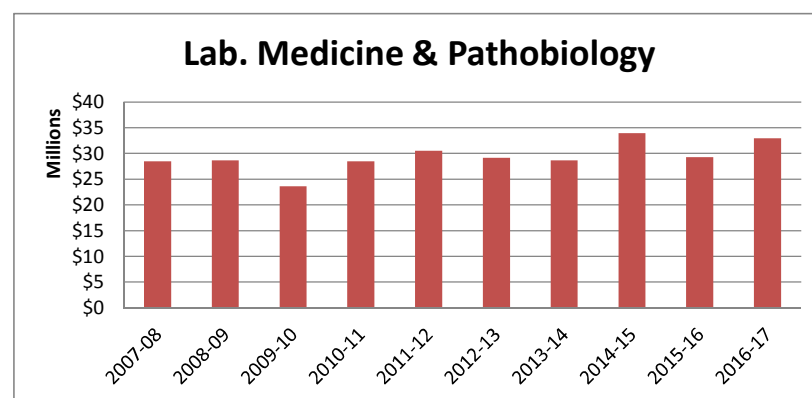
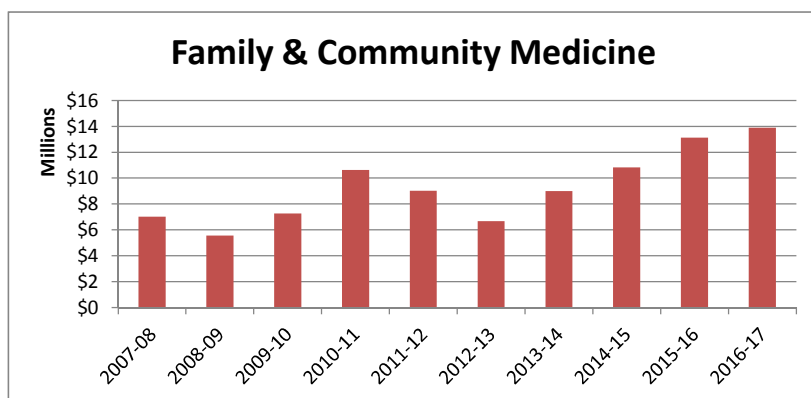
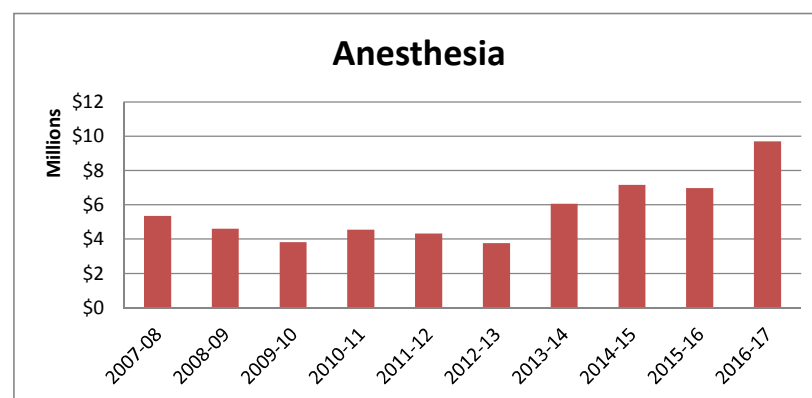
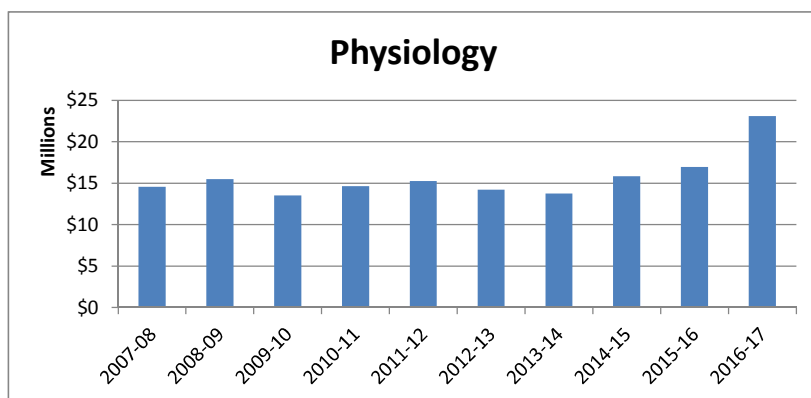
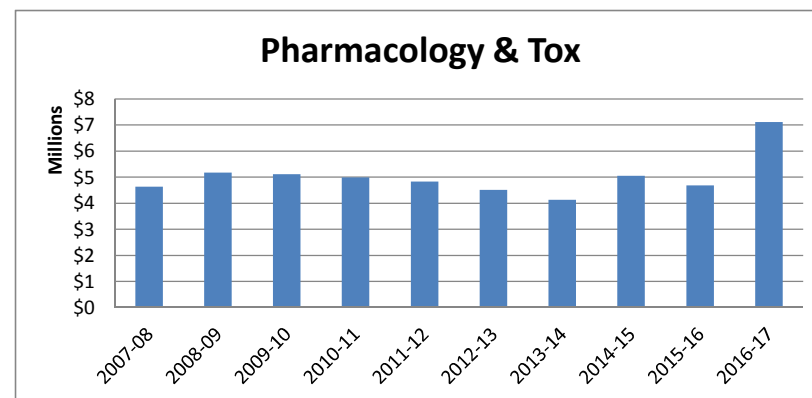
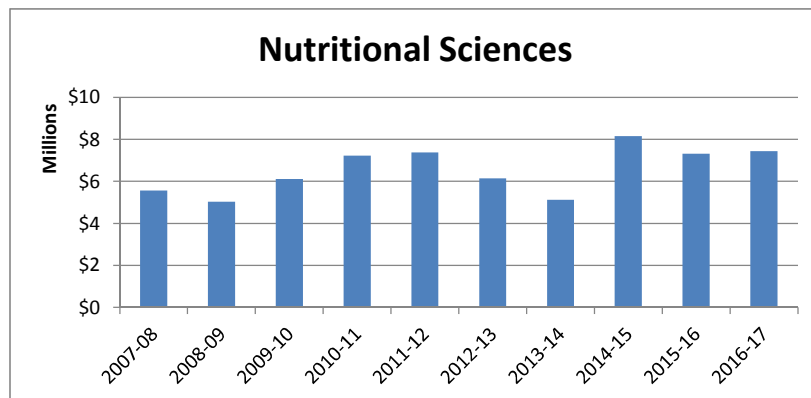
FACULTY OF MEDICINE - UNIVERSITY OF TORONTO

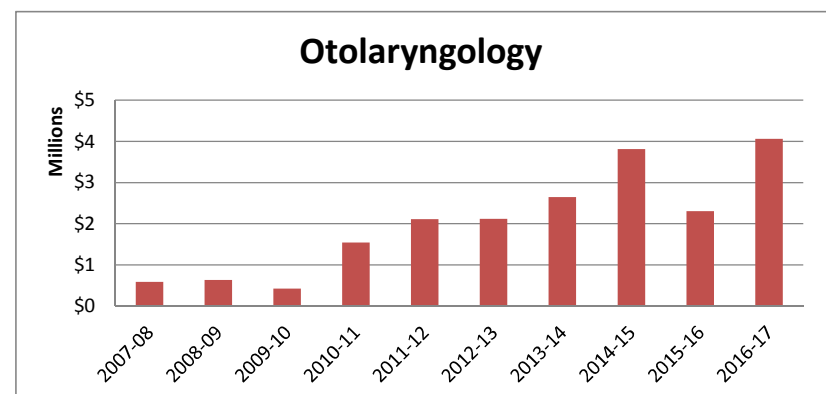
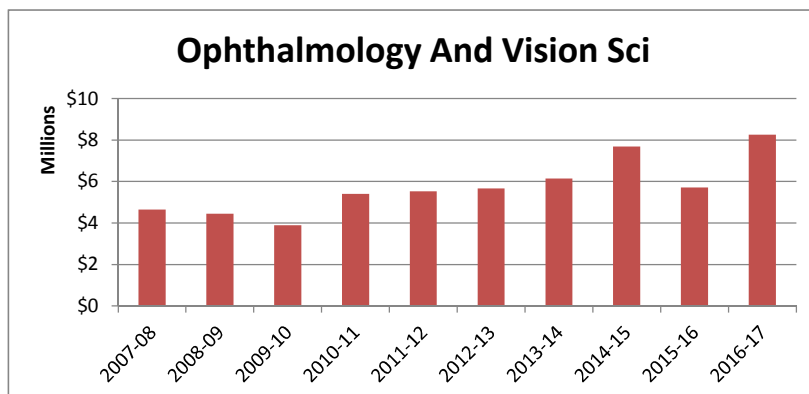
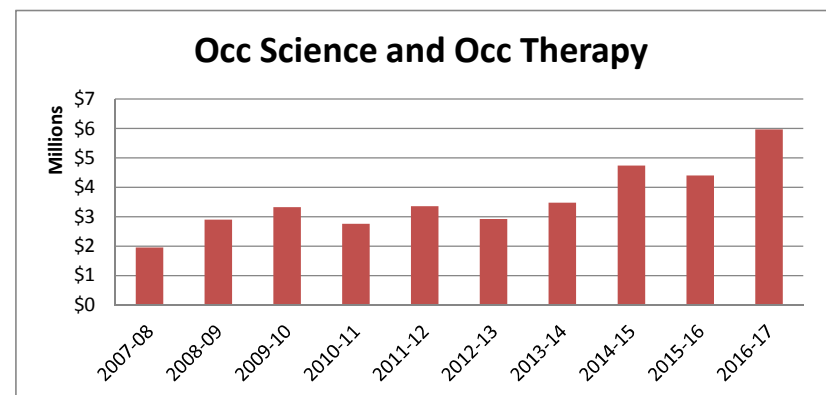
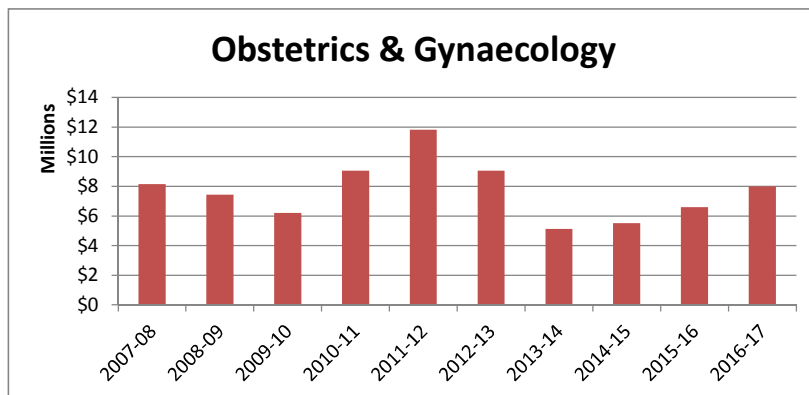
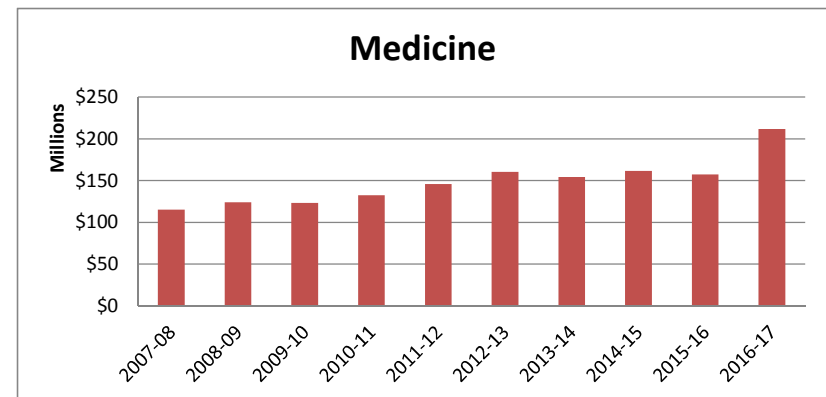
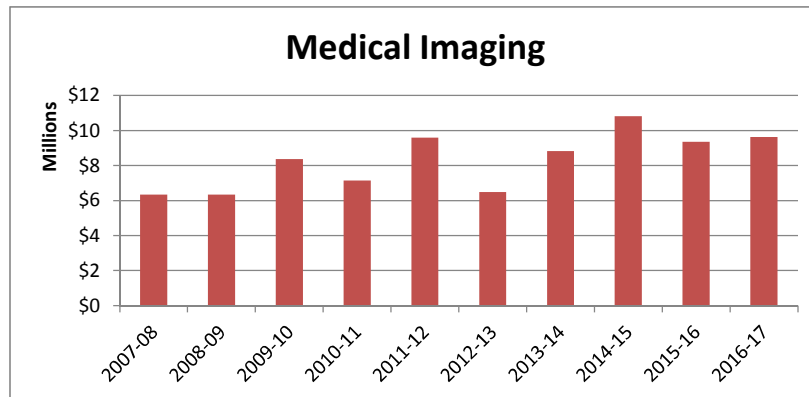
Total Research Dollar Distribution by Location of Research for 2016-17

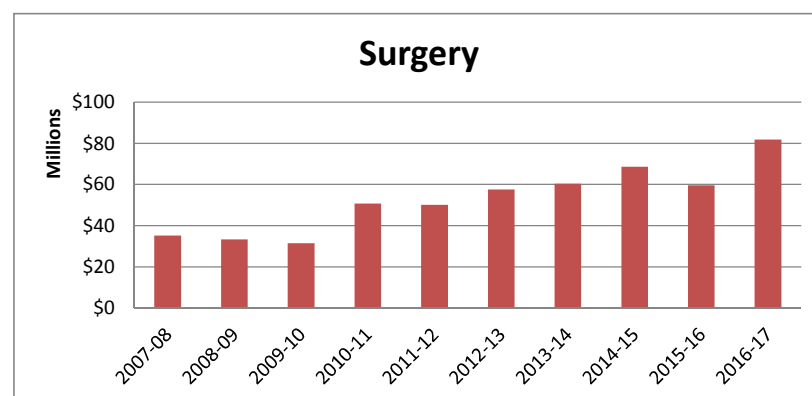
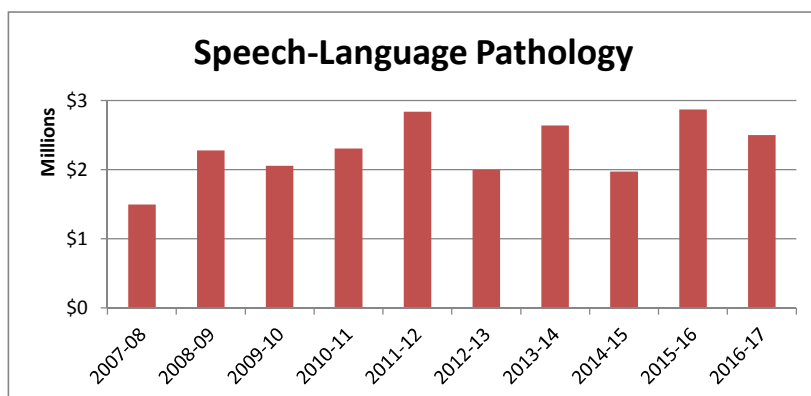
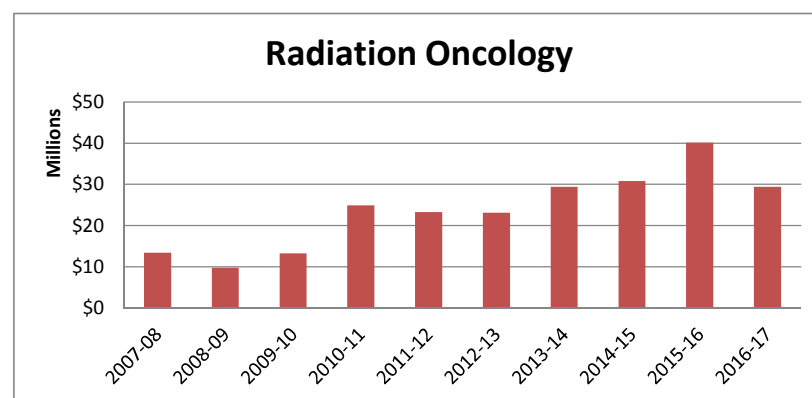
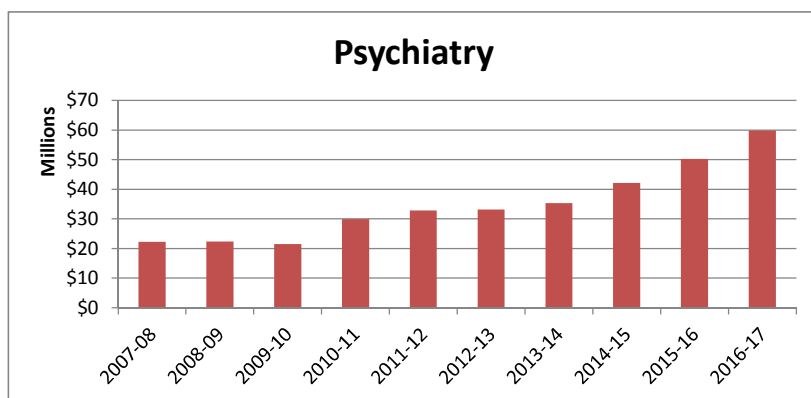
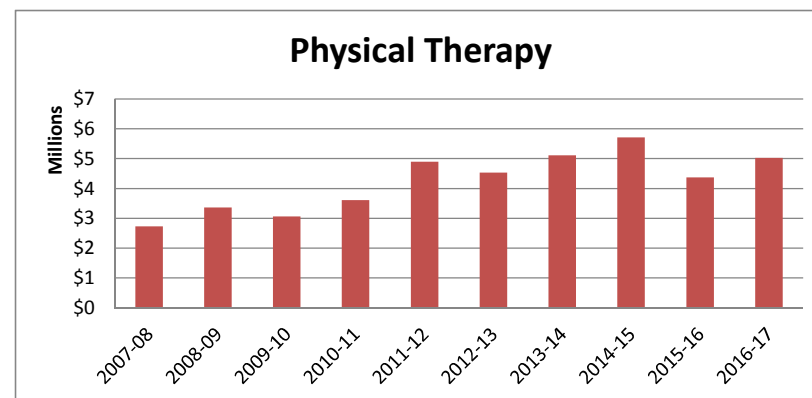
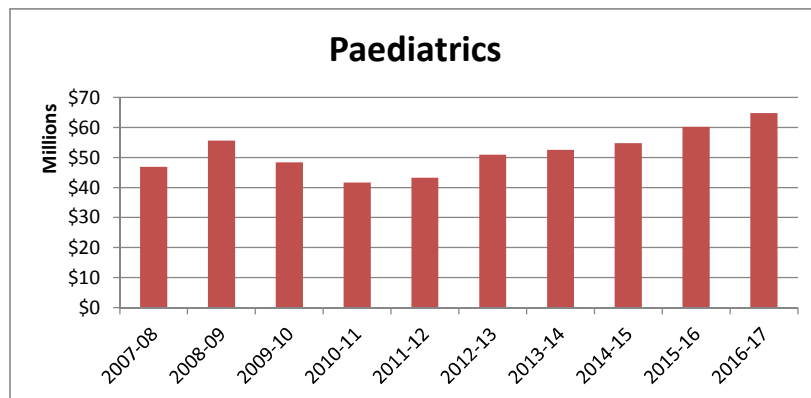


Ten-Year Trends By Department in Millions of Dollars

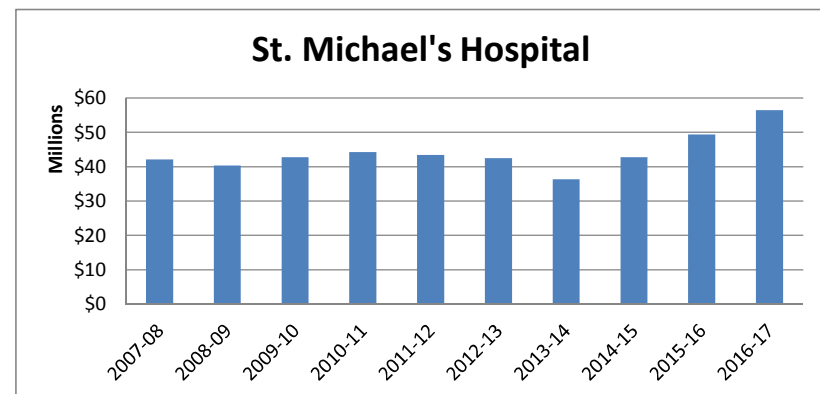
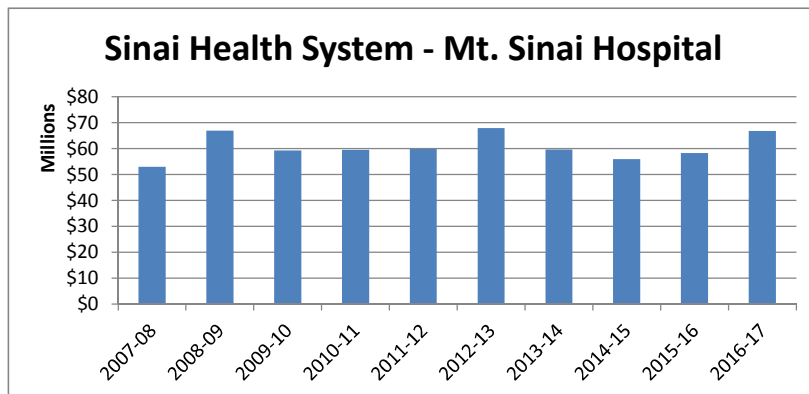
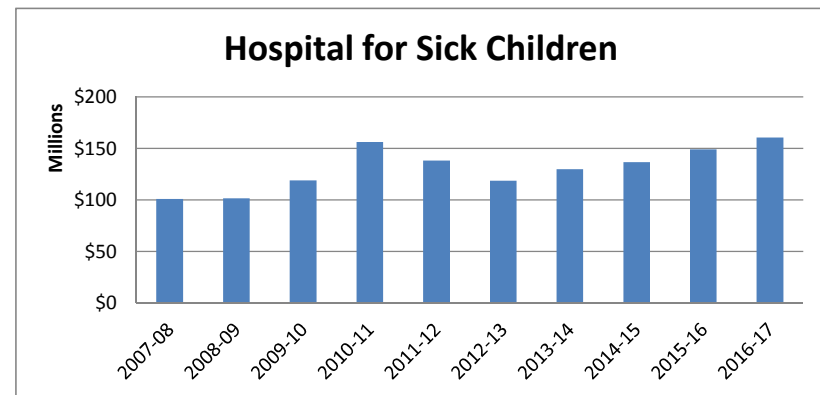
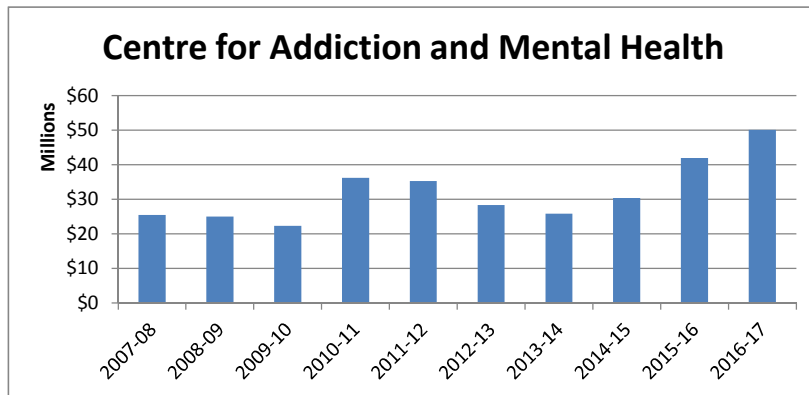
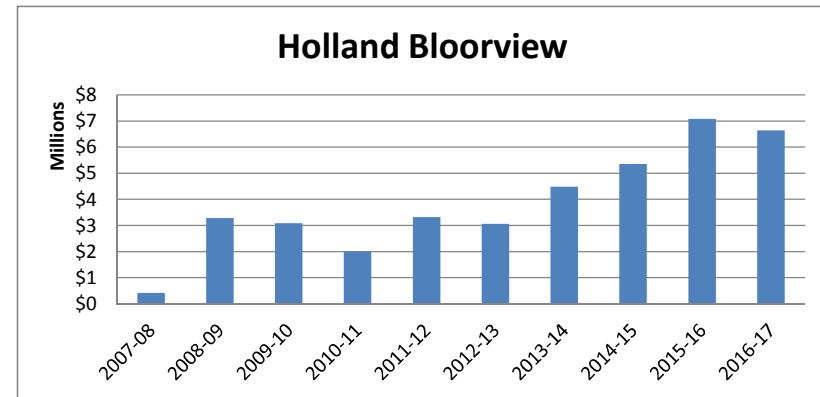
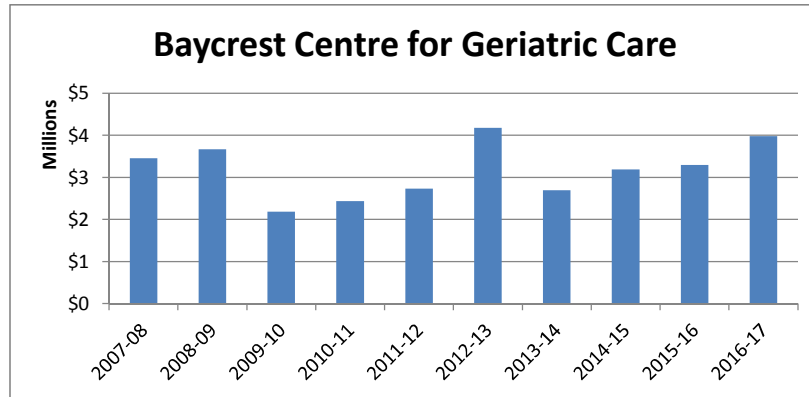


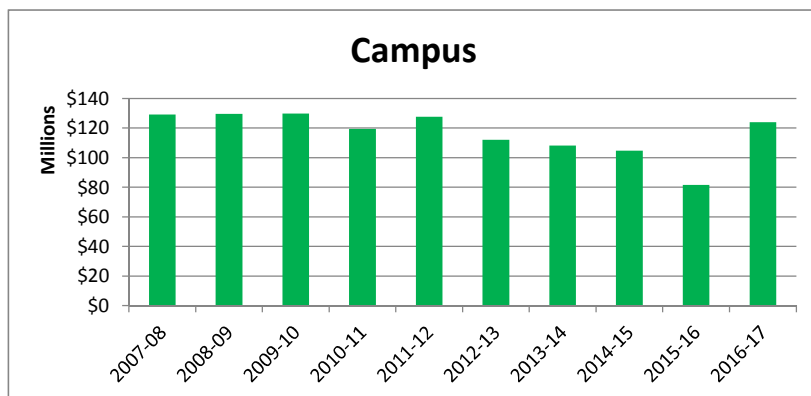
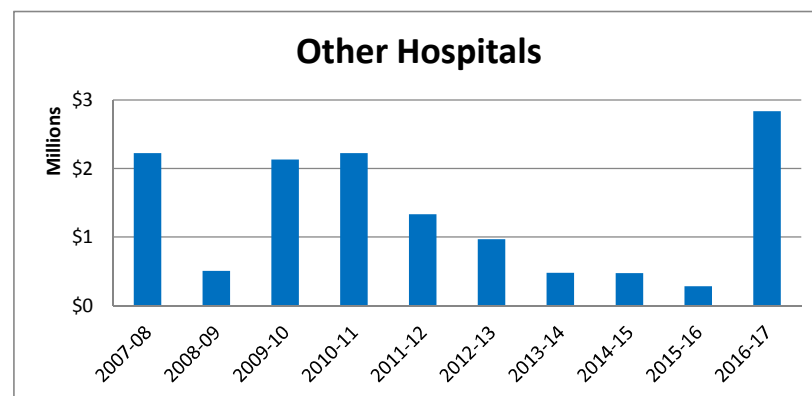
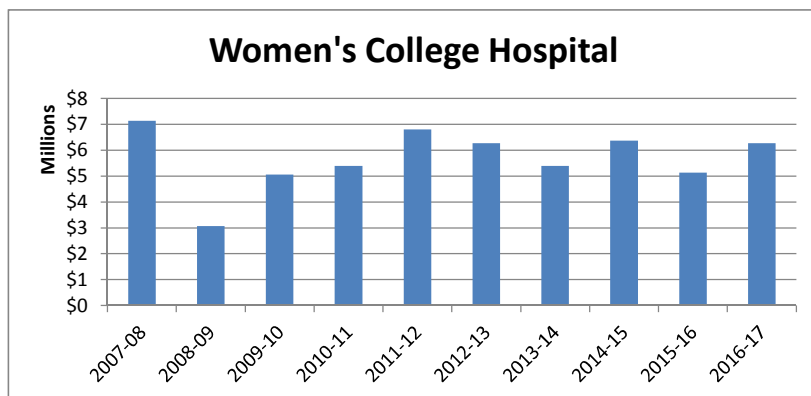
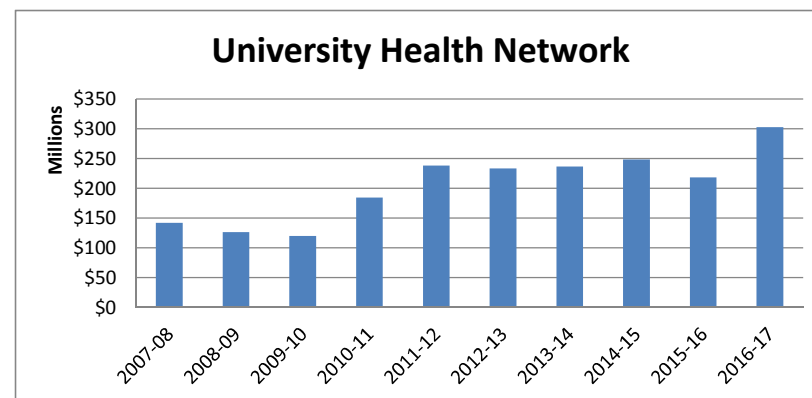
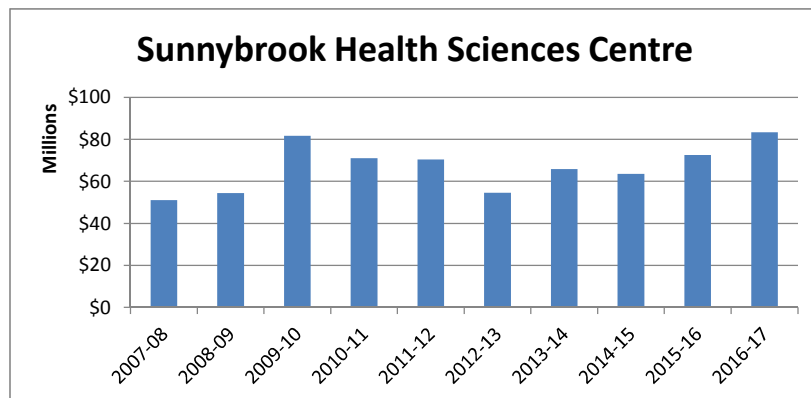






Ten-Year Trends By Location in Millions of Dollars





Note that vertical axes are scaled to each individual location.