

Canada's Top 40 Research Hospitals List 2013 Analysis

Healthy Gain in Hospital Research Income

Canada's Top 40 Research Hospitals reported a healthy 4.8% gain in research income in Fiscal 2012. Combined income for research expanded to \$2.3 billion from \$2.2 billion in Fiscal 2011. The 2012 result is especially comforting in light of last year's meagre research income increase of only 0.7%.

University Health Network ranked in first position again in Fiscal 2012 with \$302.3 million of research income. McGill University Health Centre moved into 2nd place (\$175.7 million), Hospital for Sick Children dropped to 3rd (\$171.2 million), Ottawa Hospital moved up 2 spots to 4th place (\$152.7 million) and Vancouver Coastal Health Authority (\$134.3 million) climbed 3 spots to 5th position - rounding out the top 5. Overall, 28 hospitals posted increases in research income in Fiscal 2012, compared with 12 hospitals where research income declined.

The \$100 Million Club

In Fiscal 2012, 9 hospitals reported research income of \$100 million or more, gaining admission to RESEARCH Infosource's \$100 Million Club. Combined research income of these leading institutions increased by 5.0% and accounted for 62% of Top 40 research income.

2012 Rank	The \$100 Million Club	Research Income \$000
	Research Hospital	
1	University Health Network	\$302,304
2	McGill University Health Centre (MUHC)	\$175,666
3	Hospital for Sick Children	\$171,163
4	Ottawa Hospital	\$152,717
5	Vancouver Coastal Health Authority	\$134,266
6	Provincial Health Services Authority	\$127,412
7	Hamilton Health Sciences	\$123,811
8	Sunnybrook Health Sciences Centre	\$116,700
9	London Health Sciences Centre/St. Joseph's Health Care London	\$103,100

Provincial Performance

In Fiscal 2012, 18 research hospitals in Ontario posted combined research income of \$1.3 billion, accounting for 58% of the national total. Quebec's 14 institutions, with combined research income of \$612.5 million, accounted for 27% and British Columbia's 2 institutions (\$261.7 million) accounted for an additional 11% of the total.

Research income gains were strongest in Saskatchewan (81.7%) and Newfoundland (72.2%). Ontario (6.1%), Manitoba (5.2%), Quebec (4.4%) and British Columbia (1.0%) also posted gains. Research income fell in Nova Scotia, by -19.6%.

Top 40 – Three Leading Provinces	
Province ¹	% of Total
Ontario (18)	58
Quebec (14)	27
British Columbia (2)	11

Research Income Growth

In Fiscal 2012, the strongest gains in research income were made by Saskatoon Regional Health Authority (81.7%), Centre de santé et des services sociaux – Institut universitaire de gériatrie de Sherbrooke (76.0%) and Eastern Health Regional Health Authority (72.2%).

Top 10 Research Hospitals by Growth			
Income Growth	2012 Rank		% Change 2011-2012
	Overall	Research Hospital	
1	35	Saskatoon Regional Health Authority	81.7
2	37	Centre de santé et des services sociaux – Institut universitaire de gériatrie de Sherbrooke (CSSS-IUGS)	76.0
3	40	Eastern Health Regional Health Authority	72.2
4	34	Bruyère Continuing Care	48.5
5	28	Hôpital Maisonneuve-Rosemont	28.4
6	23	Children's Hospital of Eastern Ontario	26.8
7	32	Women's College Hospital	24.4
8	38	Thunder Bay Regional Health Sciences Centre	23.1
9	33	Hôpital du Sacré-Coeur de Montréal	20.0
10	1	University Health Network	19.4

¹ Information for Alberta was not available.

Research Intensity

Research intensity - research income per researcher² - rose by 4.2% to a national average of \$268,600. Nineteen hospitals posted research intensity levels in excess of the average. The leading institution in research intensity was Mount Sinai Hospital, Joseph and Wolf Lebovic Health Complex with \$834,600 per researcher. Baycrest (\$584,200), Institut de Cardiologie de Montréal (\$535,800), Ottawa Hospital (\$507,400) and Sunnybrook Health Sciences Centre (\$494,500) rounded out the top 5.

Top 10 Research Intensive Hospitals			
2012 Rank		Research Hospital	Research Intensity (\$ per researcher) \$000
Research Intensity	Overall		
1	10	Mount Sinai Hospital, Joseph and Wolf Lebovic Health Complex	\$834.6
2	26	Baycrest	\$584.2
3	17	Institut de Cardiologie de Montréal	\$535.8
4	4	Ottawa Hospital	\$507.4
5	8	Sunnybrook Health Sciences Centre	\$494.5
6	14	Centre for Addiction and Mental Health	\$471.5
7	1	University Health Network	\$439.4
8	39	Holland Bloorview Kids Rehabilitation Hospital	\$408.3
9	24	Douglas Mental Health University Institute	\$383.1
10	31	St. Boniface Hospital	\$373.6

This Year and Next

Fiscal 2012 saw a healthy 4.8% jump in hospital research income, compared with a rise of only 0.7% in Fiscal 2011. Research hospitals are key performers in Canada's system of innovation and maintaining a strong research base in our research hospitals is vital if scientific discoveries are to be translated into better health outcomes for patients.

One impressive thing about this year's increase in hospital research income is that it was achieved in the context of a sharp fall in research expenditures by some major pharmaceutical companies. The pharma sector is retrenching in Canada and elsewhere. This will inevitably put more pressure on governments and private donors to fill the funding gap.

² Head count of researchers/scientists/investigators/clinician-researchers conducting research. (Does not include fellows/post docs, technicians, students or support staff.)