

## **2004 National Physician Survey (NPS) – MEDICAL STUDENTS: NATIONAL DEMOGRAPHICS**

### **Source of Data:**

The Medical Student component of the 2004 National Physician Survey (NPS) was carried out as a self-reported online survey, sent to all medical students in Canada from May to July 2004. The NPS email list was generated through the undergraduate departments at each of the 16 Canadian medical schools. To protect privacy and confidentiality, correspondence relating to the NPS was forwarded through the undergraduate departments to all current medical students within their school, including the requests for students to complete the online NPS questionnaire.

### **Level of detail at which Medical Student results from the National Physician Survey will be released:**

To ensure the release of valid and stable results, results will only be released where the group/ 'cohort' of interest has a minimum of 30 respondents.

Medical Student NPS results will be posted to the NPS website by year of training at the national level.

### **Medical Student Response Rates:**

**TOTAL POPULATION** – For the Total Population column, information was provided by the undergraduate department at each of the 16 Canadian medical schools.

**MEDICAL SCHOOL** – For the Total Population column, 'medical school' was extracted from the counts provided by the undergraduate departments at each medical school. For the NPS Respondents column, the NPS questionnaire asked: at which university are you currently doing your medical training.

**YEAR OF TRAINING** – For the Total Population column, 'year of training' was extracted from the counts provided by the undergraduate departments at each medical school. For the NPS Respondents column, the NPS questionnaire asked: please indicate your current status (1<sup>st</sup> year student, 2<sup>nd</sup> year student, 3<sup>rd</sup> year student, 4<sup>th</sup> year student, other)

**Medical Student Demographics by Medical School:**

	Response Rate	NPS Respondents		Total Pop'n	
	%	N	Col %	N	Col %
<b>Total</b>	<b>35.6%</b>	<b>2721</b>	<b>100.0%</b>	<b>7636</b>	<b>100.0%</b>
<b>Medical School</b>					
U of BC	38.2%	192	7.1%	502	6.6%
U of Calgary	35.6%	118	4.3%	331	4.3%
U of AB	43.9%	225	8.3%	513	6.7%
U of SK	18.0%	41	1.5%	228	3.0%
U of MB	40.1%	135	5.0%	337	4.4%
U of Western Ontario	53.4%	267	9.8%	500	6.5%
McMaster U	21.3%	88	3.2%	413	5.4%
U of Toronto Ontario	38.4%	304	11.2%	791	10.4%
U of Ottawa Ontario	35.3%	172	6.3%	487	6.4%
Queen's U	16.9%	62	2.3%	367	4.8%
U de Sherbrooke	55.0%	271	10.0%	493	6.5%
U de Montreal	26.3%	197	7.2%	750	9.8%
McGill U	40.5%	235	8.6%	580	7.6%
U de Laval	32.1%	237	8.7%	739	9.7%
Dalhousie U	29.3%	106	3.9%	362	4.7%
MUN	26.3%	64	2.4%	243	3.2%
University unknown	N/A	7	0.3%	N/A	N/A

**National level estimates based on the NPS Medical Student study results are considered accurate within +/-1.9%, 19 times out of 20.**

**Medical Student Demographics by Medical School by Year of Training:**

<b>FIRST YEAR MEDICAL STUDENTS</b>					
	<b>Response Rate</b>	<b>NPS Respondents</b>		<b>Total Pop'n</b>	
	<b>%</b>	<b>N</b>	<b>Col %</b>	<b>N</b>	<b>Col %</b>
<b>Total</b>	<b>39.0%</b>	<b>817</b>	<b>100.0%</b>	<b>2093</b>	<b>100.0%</b>
<b>Medical School</b>					
U of BC	37.1%	43	5.3%	116	5.5%
U of Calgary	37.1%	43	5.3%	116	5.5%
U of AB	28.6%	38	4.7%	133	6.4%
U of SK	25.0%	15	1.8%	60	2.9%
U of MB	40.4%	36	4.4%	89	4.3%
U of Western Ontario	60.2%	80	9.8%	133	6.4%
McMaster U	34.3%	48	5.9%	140	6.7%
U of Toronto Ontario	53.8%	107	13.1%	199	9.5%
U of Ottawa Ontario	42.6%	58	7.1%	136	6.5%
Queen's U	21.0%	21	2.6%	100	4.8%
U de Sherbrooke	61.1%	88	10.8%	144	6.9%
U de Montreal	29.2%	62	7.6%	212	10.1%
McGill U	38.4%	61	7.5%	159	7.6%
U de Laval	33.5%	67	8.2%	200	9.6%
Dalhousie U	31.9%	30	3.7%	94	4.5%
MUN	29.0%	18	2.2%	62	3.0%
University unknown	N/A	2	0.2%	N/A	N/A

N/A= not applicable

**2004 Medical Student NPS study results among first year medical students are considered accurate within +/-3.4%, 19 times out of 20.**

<b>SECOND YEAR MEDICAL STUDENTS</b>					
	<b>Response Rate</b>	<b>NPS Respondents</b>		<b>Total Pop'n</b>	
	<b>%</b>	<b>N</b>	<b>Col %</b>	<b>N</b>	<b>Col %</b>
<b>Total</b>	<b>34.1%</b>	<b>721</b>	<b>100.0%</b>	<b>2113</b>	<b>100.0%</b>
<b>Medical School</b>					
U of BC	<b>39.4%</b>	52	7.2%	132	6.2%
U of Calgary	<b>9.7%</b>	10	1.4%	103	4.9%
U of AB	<b>63.6%</b>	82	11.4%	129	6.1%
U of SK	<b>17.2%</b>	10	1.4%	58	2.7%
U of MB	<b>48.3%</b>	43	6.0%	89	4.2%
U of Western Ontario	<b>59.1%</b>	78	10.8%	132	6.2%
McMaster U	<b>14.0%</b>	20	2.8%	143	6.8%
U of Toronto Ontario	<b>41.7%</b>	83	11.5%	199	9.4%
U of Ottawa Ontario	<b>28.9%</b>	39	5.4%	135	6.4%
Queen's U	<b>29.7%</b>	30	4.2%	101	4.8%
U de Sherbrooke	<b>59.1%</b>	78	10.8%	132	6.2%
U de Montreal	<b>24.9%</b>	49	6.8%	197	9.3%
McGill U	<b>38.6%</b>	59	8.2%	153	7.2%
U de Laval	<b>13.9%</b>	37	5.1%	266	12.6%
Dalhousie U	<b>31.4%</b>	27	3.7%	86	4.1%
MUN	<b>41.4%</b>	24	3.3%	58	2.7%
University unknown	<b>N/A</b>	0	0.0%	N/A	N/A

N/A= not applicable

**2004 Medical Student NPS study results among second year medical students are considered accurate within +/-3.6%, 19 times out of 20.**

<b>THIRD YEAR MEDICAL STUDENTS</b>					
	<b>Response Rate</b>	<b>NPS Respondents</b>		<b>Total Pop'n</b>	
	<b>%</b>	<b>N</b>	<b>Col %</b>	<b>N</b>	<b>Col %</b>
<b>Total</b>	<b>37.4%</b>	<b>708</b>	<b>100.0%</b>	<b>1893</b>	<b>100.0%</b>
<b>Medical School</b>					
U of BC	<b>53.1%</b>	68	9.6%	128	6.8%
U of Calgary	<b>53.6%</b>	60	8.5%	112	5.9%
U of AB	<b>46.5%</b>	60	8.5%	129	6.8%
U of SK	<b>21.1%</b>	12	1.7%	57	3.0%
U of MB	<b>38.8%</b>	33	4.7%	85	4.5%
U of Western Ontario	<b>57.1%</b>	72	10.2%	126	6.7%
McMaster U	<b>11.5%</b>	15	2.1%	130	6.9%
U of Toronto Ontario	<b>33.8%</b>	66	9.3%	195	10.3%
U of Ottawa Ontario	<b>37.8%</b>	45	6.4%	119	6.3%
Queen's U	<b>10.1%</b>	9	1.3%	89	4.7%
U de Sherbrooke	<b>57.8%</b>	67	9.5%	116	6.1%
U de Montreal	<b>22.0%</b>	39	5.5%	177	9.4%
McGill U	<b>41.9%</b>	57	8.1%	136	7.2%
U de Laval	<b>41.0%</b>	57	8.1%	139	7.3%
Dalhousie U	<b>34.8%</b>	32	4.5%	92	4.9%
MUN	<b>23.8%</b>	15	2.1%	63	3.3%
University unknown	<b>N/A</b>	1	0.1%	N/A	N/A

N/A= not applicable

**2004 Medical Student NPS study results among third year medical students are considered accurate within +/-3.7%, 19 times out of 20.**

<b>FOURTH YEAR MEDICAL STUDENTS</b>					
	<b>Response Rate</b>	<b>NPS Respondents</b>		<b>Total Pop'n</b>	
	<b>%</b>	<b>N</b>	<b>Col %</b>	<b>N</b>	<b>Col %</b>
<b>Total</b>	<b>29.3%</b>	<b>450</b>	<b>100.0%</b>	<b>1537</b>	<b>100.0%</b>
<b>Medical School</b>					
U of BC	<b>20.6%</b>	26	5.8%	126	8.2%
U of Calgary*	<b>N/A</b>	5	1.1%	N/A	N/A
U of AB	<b>36.1%</b>	44	9.8%	122	7.9%
U of SK	<b>5.7%</b>	3	0.7%	53	3.4%
U of MB	<b>31.1%</b>	23	5.1%	74	4.8%
U of Western Ontario	<b>33.9%</b>	37	8.2%	109	7.1%
McMaster U*	<b>N/A</b>	5	1.1%	N/A	N/A
U of Toronto Ontario	<b>22.2%</b>	44	9.8%	198	12.9%
U of Ottawa Ontario	<b>30.9%</b>	30	6.7%	97	6.3%
Queen's U	<b>2.6%</b>	2	0.4%	77	5.0%
U de Sherbrooke	<b>37.6%</b>	38	8.4%	101	6.6%
U de Montreal	<b>27.4%</b>	45	10.0%	164	10.7%
McGill U	<b>43.9%</b>	58	12.9%	132	8.6%
U de Laval	<b>47.8%</b>	64	14.2%	134	8.7%
Dalhousie U	<b>18.9%</b>	17	3.8%	90	5.9%
MUN	<b>11.7%</b>	7	1.6%	60	3.9%
University unknown	<b>N/A</b>	2	0.4%	N/A	N/A

N/A=not applicable

\* 5 students at U of Calgary and McMaster U indicated being in 4<sup>th</sup> year, however these medical programs do not have a 4<sup>th</sup> year.

**2004 Medical Student NPS study results among fourth year medical students are considered accurate within +/-4.6%, 19 times out of 20.**

**An additional 25 respondents indicated 'other' as their current status:**

<b>Medical School</b>	<b>N</b>
U of BC	3
U of Calgary	
U of AB	1
U of SK	1
U of MB	
U of Western Ontario	
McMaster U	
U of Toronto Ontario	4
U of Ottawa Ontario	
Queen's U	
U de Sherbrooke	
U de Montreal	1
McGill U	
U de Laval	12
Dalhousie U	
MUN	
University unknown	3
<b>TOTAL</b>	<b>25</b>