

2004 Survey of 1999 Maritime University Graduates: Selected Provincial Statistics



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Notes:

First Degree Holders:

Graduates who completed a bachelor's degree and who enrolled in the 1999 program with a high school diploma as their highest completed level of education.

Parental Educational Attainment:

- a. High school diploma or less (only two respondents were classified as less than a high diploma).
- b. PSE below bachelor degree (includes trade, community college or hospital-based certificates or diplomas, and completion of a university certificate or diploma below the bachelor's level, or attendance at university without earning a credential).
- c. Bachelor's degree or above (includes bachelor's, first professional, master's or PhD degrees, and graduate level certificates/diplomas).

These categories combine both the mother's and father's highest level of education, and the category is assigned based on the highest level of education of the pair. Excluded from analysis are those graduates who did not know or declined to report the highest level of education of either parent.

Program Orientation:

The variable used in this report is dichotomous, and assigns all majors into one of two categories:

- a. Applied Arts & Sciences / Professional
- b. Liberal Arts & Sciences

The list of majors assigned to each category is found under Appendix 2 of "Five Years On: A Survey of Class of 1999 Maritime University Graduates", available at:

http://www2.mphec.ca/english/pdfs/FiveYearsOn_GFU_2006En.pdf

To calculate margin of error (95% confidence level) = $\frac{1}{\sqrt{n}}$

Table 1.1a
Distribution of gender by province of graduation

ALL GRADUATES			
Province of graduation	n	Female	Male
PEI	182	64%	36%
NS	1,307	64%	36%
NB	817	63%	38%
Maritimes	2,306	64%	36%

FIRST DEGREE HOLDERS			
Province of graduation	n	Female	Male
PEI	106	63%	37%
NS	618	61%	39%
NB	485	59%	41%
Maritimes	1,209	61%	39%

Table 1.1b
Distribution of gender by province of residence

ALL GRADUATES		2001		2004		
Province of residence	n	Female	Male	n	Female	Male
PEI	146	66%	34%	135	69%	31%
NS	901	64%	36%	820	65%	35%
NB	585	67%	33%	556	66%	35%
Outside Maritimes	674	60%	41%	793	60%	40%

FIRST DEGREE HOLDERS		2001		2004		
Province of residence	n	Female	Male	n	Female	Male
PEI	78	59%	41%	72	65%	35%
NS	438	63%	37%	383	64%	36%
NB	317	65%	35%	292	62%	38%
Outside Maritimes	376	55%	45%	460	57%	44%

Table 1.2a
Distribution of parental educational attainment (1999 degree) by province of graduation

ALL GRADUATES				
Province of graduation	n	High school diploma or less	PSE below Bachelor degree	Bachelor degree or above
PEI	182	29%	34%	37%
NS	1,307	30%	28%	42%
NB	817	32%	31%	37%
Maritimes	2,306	31%	30%	40%

FIRST DEGREE HOLDERS				
Province of graduation	n	High school diploma or less	PSE below Bachelor degree	Bachelor degree or above
PEI	106	28%	33%	39%
NS	618	25%	28%	47%
NB	485	30%	30%	41%
Maritimes	1,209	27%	29%	44%

Table 1.2b
Distribution of parental educational attainment by province of residence

ALL GRADUATES		2001			2004			
Province of residence	n	High school diploma or less	PSE below Bachelor degree	Bachelor degree or above	n	High school diploma or less	PSE below Bachelor degree	Bachelor degree or above
PEI	146	26%	30%	43%	135	25%	35%	39%
NS	901	26%	29%	45%	820	29%	30%	41%
NB	585	33%	30%	37%	556	35%	32%	33%
Outside Maritimes	674	24%	28%	48%	793	21%	26%	53%

FIRST DEGREE HOLDERS		2001			2004			
Province of residence	n	High school diploma or less	PSE below Bachelor degree	Bachelor degree or above	n	High school diploma or less	PSE below Bachelor degree	Bachelor degree or above
PEI	78	30%	35%	35%	72	29%	38%	34%
NS	438	34%	29%	38%	383	36%	29%	35%
NB	317	36%	30%	34%	292	37%	31%	32%
Outside Maritimes	376	23%	29%	49%	460	22%	28%	51%

Table 1.3a
Distribution of program orientation (1999 degree) by province of graduation

ALL GRADUATES			
Province of graduation	n	Liberal Arts & Science	Applied Arts & Sciences / Professions
PEI	182	52%	48%
NS	1,307	43%	57%
NB	817	40%	60%
Maritimes	2,306	43%	57%

FIRST DEGREE HOLDERS			
Province of graduation	n	Liberal Arts & Science	Applied Arts & Sciences / Professions
PEI	106	72%	28%
NS	618	66%	35%
NB	485	54%	46%
Maritimes	1,209	62%	39%

Table 1.3b
Distribution of program orientation (1999 degree) by province of residence

ALL GRADUATES		2001		2004		
Province of residence	n	Liberal Arts & Sciences	Applied Arts & Sciences / Professions	n	Liberal Arts & Sciences	Applied Arts & Sciences / Professions
PEI	146	47%	53%	135	48%	52%
NS	901	45%	55%	820	42%	58%
NB	585	36%	64%	556	35%	65%
Outside Maritimes	674	45%	55%	793	48%	52%

FIRST DEGREE HOLDERS		2001		2004		
Province of residence	n	Liberal Arts & Sciences	Applied Arts & Sciences / Professions	n	Liberal Arts & Sciences	Applied Arts & Sciences / Professions
PEI	78	65%	35%	72	69%	31%
NS	438	68%	32%	383	65%	35%
NB	317	50%	50%	292	48%	52%
Outside Maritimes	376	63%	37%	460	66%	34%

Table 1.4a
Employment rate by province of graduation

ALL GRADUATES	EMPLOYMENT RATE*		
Province of graduation	n	2001	2004
PEI	182	96.3%	97.0%
NS	1,307	93.0%	95.4%
NB	817	94.0%	96.5%
Maritimes	2,306	93.6%	95.9%

FIRST DEGREE HOLDERS	EMPLOYMENT RATE*		
Province of graduation	n	2001	2004
PEI	106	95.6%	96.9%
NS	618	90.4%	95.4%
NB	485	93.3%	96.9%
Maritimes	1,074	92.1%	96.2%

*number employed / number in labour force

Table 1.4a
Employment rate by province of residence

ALL GRADUATES	EMPLOYMENT RATE*			
Province of residence	n	2001	n	2004
PEI	134	91.0%	124	96.8%
NS	816	93.4%	757	94.5%
NB	545	95.2%	517	96.5%
Outside Maritimes	608	93.1%	742	96.8%

FIRST DEGREE HOLDERS	EMPLOYMENT RATE*			
Province of residence	n	2001	n	2004
PEI	72	90.3%	66	95.5%
NS	386	92.2%	349	94.6%
NB	288	93.1%	271	96.7%
Outside Maritimes	325	91.4%	429	97.2%

*number employed / number in labour force

Table 1.5a
Annualized* earnings of employed graduates by province of graduation

ALL GRADUATES	2001 ANNUAL EARNINGS CONVERTED TO 2004 DOLLARS**				2004 ANNUAL EARNINGS			
Province of graduation	n	Female	Male	All	n	Female	Male	All
PEI	155	\$31,947.68	\$35,109.88	\$33,062.41	162	\$42,592.38	\$47,316.00	\$44,221.21
NS	1,109	\$37,202.79	\$46,358.56	\$40,342.17	1,157	\$43,294.71	\$55,462.37	\$51,175.49
NB	705	\$34,518.26	\$40,002.66	\$36,604.72	735	\$42,483.55	\$54,019.00	\$48,000.29

FIRST DEGREE HOLDERS	2001 ANNUAL EARNINGS CONVERTED TO 2004 DOLLARS**				2004 ANNUAL EARNINGS			
Province of graduation	n	Female	Male	All	n	Female	Male	All
PEI	87	\$28,107.09	\$30,785.31	\$29,124.13	94	\$39,610.64	\$46,362.58	\$42,016.51
NS	492	\$28,367.38	\$40,805.67	\$32,980.25	541	\$43,294.71	\$49,616.31	\$45,757.50
NB	407	\$31,665.75	\$37,928.96	\$34,280.98	439	\$42,483.55	\$53,161.97	\$46,827.79

*Respondents reported their earnings on the basis of their choice (e.g., hourly, weekly, bi-weekly, monthly, yearly); earnings were standardized to an annualized figure.

**Conversion to constant 2004 dollars: Bank of Canada inflation calculator.

Table 1.5b
Annualized* earnings of employed graduates by province of residence

ALL GRADUATES	2001 ANNUAL EARNINGS CONVERTED TO 2004 DOLLARS**				2004 ANNUAL EARNINGS			
Province of residence	n	Female	Male	All	n	Female	Male	All
PEI	122	\$30,525.98	\$30,004.29	\$30,370.39	120	\$40,745.08	\$41,206.25	\$40,881.72
NS	762	\$33,550.91	\$39,387.78	\$35,527.64	715	\$45,803.82	\$52,120.52	\$47,982.68
NB	519	\$34,659.64	\$38,085.69	\$35,806.56	499	\$45,187.16	\$49,533.42	\$46,722.31
Outside Maritimes	566	\$41,863.12	\$52,608.21	\$46,307.96	718	\$50,164.33	\$60,850.12	\$54,487.00

FIRST DEGREE HOLDERS	2001 ANNUAL EARNINGS CONVERTED TO 2004 DOLLARS**				2004 ANNUAL EARNINGS			
Province of residence	n	Female	Male	All	n	Female	Male	All
PEI	65	\$26,363.73	\$28,289.63	\$27,109.24	63	\$38,577.65	\$40,791.58	\$39,290.61
NS	356	\$25,487.80	\$32,909.22	\$28,108.49	330	\$39,926.14	\$44,758.99	\$41,691.04
NB	268	\$31,148.37	\$34,190.53	\$32,250.06	262	\$42,260.49	\$47,070.11	\$44,108.73
Outside Maritimes	297	\$34,581.41	\$48,671.53	\$41,053.90	417	\$46,041.98	\$58,170.91	\$51,296.75

*Respondents reported their earnings on the basis of their choice (e.g., hourly, weekly, bi-weekly, monthly, yearly); earnings were standardized to an annualized figure.

**Conversion to constant 2004 dollars: Bank of Canada inflation calculator.

Table 1.6
Women's and men's wages (hourly basis) in 2004,
among first degree holders working full time,
by program orientation and province or residence in 2004

Province of residence	PROGRAM ORIENTATION OF 1999 DEGREE			
	Liberal Arts & Science		Applied Arts & Sciences / Professions	
	Female	Male	Female	Male
PEI	\$16.93	\$17.54	\$22.54	\$20.04
NS	\$18.11	\$18.50	\$21.59	\$23.40
NB	\$19.13	\$18.28	\$22.07	\$23.85
Outside Maritimes	\$21.14	\$24.37	\$24.15	\$29.36

Bold print denotes significant difference in women's and men's earnings (ANOVA, $p < 0.001$)

Interpretation: Within the Maritime provinces, in 2004 the differences between men's and women's hourly wages (among first degree holders working full time) are not significantly different. Differences between women's and men's wages outside the region are statistically significant. Also note: wage differences between PEI, NS and NB are not statistically significant.

Table 1.7a
Occupation usually requires university education / management -
among employed graduates by province of graduation

ALL GRADUATES		OCCUPATION USUALLY REQUIRES UNIVERSITY EDUCATION / MANAGEMENT (%)		
Province of graduation	n	2001	n	2004
PEI	155	63.2%	158	77.2%
NS	1,109	62.7%	1,137	70.6%
NB	705	65.5%	719	71.1%
Maritimes	1,969	63.7%	2,014	71.3%

FIRST DEGREE HOLDERS		OCCUPATION USUALLY REQUIRES UNIVERSITY EDUCATION / MANAGEMENT (%)		
Province of graduation	n	2001	n	2004
PEI	87	44.8%	92	65.2%
NS	492	48.8%	525	64.4%
NB	407	58.0%	426	67.1%
Maritimes	986	52.2%	1,043	65.6%

Table 1.7b
Occupation usually requires university education / management -
among employed graduates by province of residence

ALL GRADUATES		OCCUPATION USUALLY REQUIRES UNIVERSITY EDUCATION / MANAGEMENT (%)		
Province of residence	n	2001	n	2004
PEI	122	61.5%	117	75.2%
NS	762	58.9%	704	69.2%
NB	519	66.3%	489	71.4%
Outside Maritimes	566	61.5%	702	72.8%

FIRST DEGREE HOLDERS		OCCUPATION USUALLY REQUIRES UNIVERSITY EDUCATION / MANAGEMENT (%)		
Province of residence	n	2001	n	2004
PEI	65	41.5%	62	61.3%
NS	356	43.5%	322	60.6%
NB	268	57.1%	253	66.4%
Outside Maritimes	297	60.6%	404	69.8%

Table 1.8a
Relationship between 1999 program and job, among employed graduates,
by province of graduation in 2001

ALL GRADUATES		PERCENT WHO REPORTED IN 2001...		
Province of graduation	n	using their skills acquired from the 1999 program to some or a great extent	1999 program helped to some or a great extent in obtaining their job	job is somewhat or closely related to the 1999 program
PEI	162	81%	77%	77%
NS	1,155	79%	72%	78%
NB	734	79%	75%	77%

FIRST DEGREE HOLDERS		PERCENT WHO REPORTED IN 2001...		
Province of graduation	n	using their skills acquired from the 1999 program to some or a great extent	1999 program helped to some or a great extent in obtaining their job	job is somewhat or closely related to the 1999 program
PEI	94	72%	72%	66%
NS	540	68%	72%	65%
NB	438	76%	78%	71%

Table 1.8b
Relationship between 1999 program and job, among employed graduates,
by province of residence in 2001

ALL GRADUATES		PERCENT WHO REPORTED IN 2001...		
Province of residence	n	using their skills acquired from the 1999 program to some or a great extent	1999 program helped to some or a great extent in obtaining their job	job is somewhat or closely related to the 1999 program
PEI	122	77%	76%	75%
NS	762	76%	68%	74%
NB	519	80%	74%	81%
Outside Maritimes	566	82%	81%	79%

FIRST DEGREE HOLDERS		PERCENT WHO REPORTED IN 2001...		
Province of residence	n	using their skills acquired from the 1999 program to some or a great extent	1999 program helped to some or a great extent in obtaining their job	job is somewhat or closely related to the 1999 program
PEI	65	66%	69%	65%
NS	356	65%	67%	60%
NB	268	77%	78%	75%
Outside Maritimes	297	76%	80%	70%

Table 1.8c
Relationship between 1999 program and job, among employed graduates,
by province of graduation in 2004

ALL GRADUATES		PERCENT WHO REPORTED IN 2004...		
Province of graduation	n	using their skills acquired from the 1999 program to some or a great extent	1999 program helped to some or a great extent in obtaining their job	job is somewhat or closely related to the 1999 program
PEI	162	85%	82%	84%
NS	1,155	82%	79%	82%
NB	734	81%	82%	82%

FIRST DEGREE HOLDERS		PERCENT WHO REPORTED IN 2004...		
Province of graduation	n	using their skills acquired from the 1999 program to some or a great extent	1999 program helped to some or a great extent in obtaining their job	job is somewhat or closely related to the 1999 program
PEI	94	83%	82%	80%
NS	540	74%	77%	73%
NB	438	77%	80%	78%

Table 1.8d
Relationship between 1999 program and job, among employed graduates,
by province of residence in 2004

ALL GRADUATES		PERCENT WHO REPORTED IN 2004...		
Province of residence	n	using their skills acquired from the 1999 program to some or a great extent	1999 program helped to some or a great extent in obtaining their job	job is somewhat or closely related to the 1999 program
PEI	120	85%	78%	82%
NS	715	82%	77%	82%
NB	499	82%	84%	84%
Outside Maritimes	718	80%	82%	80%

FIRST DEGREE HOLDERS		PERCENT WHO REPORTED IN 2004...		
Province of residence	n	using their skills acquired from the 1999 program to some or a great extent	1999 program helped to some or a great extent in obtaining their job	job is somewhat or closely related to the 1999 program
PEI	63	83%	71%	78%
NS	330	74%	75%	73%
NB	262	77%	84%	81%
Outside Maritimes	417	76%	80%	74%

Table 1.9a
Returning for further study post-1999 by province of graduation

ALL GRADUATES		Percent who returned for further study by...	
Province of graduation	n	2001	2004
PEI	93	49.5%	62.8%
NS	1,353	42.6%	60.4%
NB	752	40.2%	57.6%
Maritimes	2,198	42.1%	59.5%

FIRST DEGREE HOLDERS		Percent who returned for further study by...	
Province of graduation	n	2001	2004
PEI	55	61.8%	78.0%
NS	627	58.4%	75.3%
NB	448	49.6%	66.4%
Maritimes	1,130	55.0%	72.0%

Note: Statistics exclude 112 graduates who changed their 2001 response during the 2004 survey.

Table 1.9b
Returning for further study post-1999 by province of residence

ALL GRADUATES		Percent who returned for further study by...		
Province of residence	n	2001	n	2004
PEI	138	44.2%	129	58.9%
NS	860	44.4%	783	59.4%
NB	554	34.7%	523	51.2%
Outside Maritimes	642	46.1%	757	66.2%

FIRST DEGREE HOLDERS		Percent who returned for further study by...		
Province of residence	n	2001	n	2004
PEI	75	56.0%	70	75.7%
NS	417	58.5%	362	72.4%
NB	301	44.5%	276	62.0%
Outside Maritimes	357	59.7%	440	77.5%

Note: Statistics exclude 112 graduates who changed their 2001 response during the 2004 survey.

Figure 1.10a
**Range total accumulated amount borrowed (all sources): 1999 degree,
post-1999 education or both - first degree holders, by province of graduation**

FIRST DEGREE HOLDERS						
Province of graduation	n	\$1-\$14,999	\$15,000-\$29,999	\$30,000-\$39,999	\$40,000+	Average borrowed
PEI	69	26%	33%	21%	18%	\$27,700
NS	440	23%	36%	15%	26%	\$29,391
NB	322	28%	29%	22%	21%	\$26,865
Maritimes	831	25%	33%	18%	24%	\$28,417

FIRST DEGREE HOLDERS						
Province of graduation	n	\$1-\$14,999	\$15,000-\$29,999	\$30,000-\$39,999	\$40,000+	Average borrowed
PEI	55	31%	31%	22%	16%	\$26,882
NS	263	24%	34%	16%	26%	\$29,279
NB	200	29%	31%	20%	21%	\$26,224
Maritimes	312	23%	34%	18%	23%	\$28,966

Figure 1.10b
**Range total amount outstanding (all sources): 1999 degree, post-1999 education or both -
first degree holders, by province of residence**

FIRST DEGREE HOLDERS							
Province of residence	n	zero	\$1-\$14,999	\$15,000-\$29,999	\$30,000-\$39,999	\$40,000+	Average owing 2004
PEI	69	19%	31%	28%	8%	14%	\$18,999
NS	440	28%	28%	21%	11%	13%	\$17,461
NB	322	28%	27%	29%	7%	10%	\$15,766
Outside Maritimes	831	28%	27%	24%	9%	12%	\$16,874

FIRST DEGREE HOLDERS							
Province of residence	n	zero	\$1-\$14,999	\$15,000-\$29,999	\$30,000-\$39,999	\$40,000+	Average owing 2004
PEI	55	21%	34%	26%	8%	11%	\$18,192
NS	263	23%	30%	23%	10%	14%	\$18,544
NB	200	26%	27%	28%	11%	9%	\$15,376
Outside Maritimes	312	33%	26%	23%	7%	12%	\$16,007

Note: Statistics exclude 112 graduates who changed their 2001 response during the 2004 survey.