

**CHAPTER 3**

**UNIVERSITY AND COLLEGE RETENTION**

## **CHAPTER 3: UNIVERSITY AND COLLEGE RETENTION**

### **3.0 Background**

This chapter presents data showing retention and graduation rates of full-time students in credit programs at Manitoba's public universities and colleges.

Universities and colleges do not have the capacity to track students who leave to attend another post-secondary institution. University data have been adjusted based on surveys to provide an estimate of the number of students transferring to another post-secondary institution. This analysis helps to report the most complete information regarding the success of students in the post-secondary system in Manitoba.

Universities' graduation and retention data included in the 2009 Compendium have been revised to reflect corrections in data received by universities, as well as to account for students changing program, and going from full- to part-time studies and vice versa.

### 3.1 University Retention

Table 3.1a shows graduation and retention rates for students who enter university as full-time students in programs that do not require previous post-secondary studies ("First Entry Programs").

The percent of students graduating from First Entry Programs after five years has increased from 51.6% for the 2000 cohort<sup>1</sup> to 55.0% for the 2003 cohort. Attrition was highest in 2000 at 26.7% and has gradually improved by 2003 to 21.0%.

#### 3.1a University First Entry Programs - All Universities <sup>1,3</sup>

##### After Year 1

Cohort Year (entering in)	2000	2001	2002	2003	2004
Graduated	0.0%	0.0%	0.0%	0.0%	0.0%
Continuing	75.9%	82.5%	83.2%	83.0%	82.7%
Cont/Grad Elsewhere	6.1%	5%	5.0%	5.5%	5.4%
<b>Success Rate</b>	<b>82.0%</b>	<b>87.6%</b>	<b>88.2%</b>	<b>88.5%</b>	<b>88.1%</b>
<b>Attrition</b>	<b>17.4%</b>	<b>11%</b>	<b>11.2%</b>	<b>10.5%</b>	<b>10.8%</b>
Ineligible to Proceed	0.6%	1.4%	0.6%	0.9%	1.0%
<b>Total <sup>2</sup></b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>99.9%</b>	<b>99.9%</b>

##### After 5 Years

Cohort Year (entering in)	2000	2001	2002	2003	2004
Graduated	51.6%	57.3%	53.1%	55.0%	2010
Continuing	10.9%	10.1%	11.5%	10.4%	
Cont/Grad Elsewhere	10.3%	9.5%	12.2%	10.6%	
<b>Success Rate</b>	<b>72.8%</b>	<b>76.9%</b>	<b>76.8%</b>	<b>76.0%</b>	
<b>Attrition</b>	<b>26.7%</b>	<b>21%</b>	<b>21.6%</b>	<b>21.0%</b>	
Ineligible to Proceed	0.6%	2.1%	1.6%	3.0%	
<b>Total <sup>2</sup></b>	<b>100.1%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	

##### After 7 Years

Cohort Year (entering in)	2000	2001	2002	2003	2004
Graduated	61.5%	68.3%	74.0%	2010	2011
Continuing	1.8%	2.3%	1.4%		
Cont/Grad Elsewhere	9.6%	9.0%	3.2%		
<b>Success Rate</b>	<b>72.9%</b>	<b>79.6%</b>	<b>78.6%</b>		
<b>Attrition</b>	<b>26.2%</b>	<b>18.2%</b>	<b>20.1%</b>		
Ineligible to Proceed	0.9%	2.2%	1.3%		
<b>Total <sup>2</sup></b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>		

##### **Notes:**

1. Table excludes students switched from a first entry program (e.g. University 1) to a "second entry program" such as medicine.
2. Due to rounding total may not equal to 100%
3. In 2006/07, University of Manitoba implemented a new Student Information System. Data prior to 2001 are not comparable due to system change.

<sup>1</sup> A 'cohort' refers to those students who entered a program in a particular year. Thus, the 2001 cohort refers to those students who entered their program in 2001. Rates are calculated after the end of the first year, fifth year and seventh year of studies after entry into the program. Thus, the 2001 cohort is assessed in 2002 (end of first year), 2006 (end of fifth year), and 2008 (end of seventh year).

Table 3.1b shows graduation and retention rates for students who enter a program that requires previous post-secondary study ("Second Entry Programs").

Similar to First Entry Programs, the percentage of students graduating from Second Entry Programs after five years increased from 94.1% for the 2000 cohort to 96.3% for the 2004 cohort. The percentage of students withdrawing from Second Entry Programs over the five years has decreased from 4.4% for the 2000 cohort to 2.3% for the 2003 cohort.

### 3.1b University Second Entry Programs - All Universities<sup>1,3</sup>

#### After Year 1

Cohort Year (entering in)	2000	2001	2002	2003	2004
Graduated	0.0%	0.0%	0.0%	0.0%	0.0%
Continuing	92.0%	97.2%	97.1%	96.9%	96.6%
Cont/Grad Elsewhere	1.6%	0.5%	0.6%	0.6%	0.8%
<b>Success Rate</b>	<b>93.6%</b>	<b>97.7%</b>	<b>97.7%</b>	<b>97.5%</b>	<b>97.4%</b>
<b>Attrition</b>	<b>6.4%</b>	<b>2.2%</b>	<b>2.2%</b>	<b>2.4%</b>	<b>2.6%</b>
Ineligible to Proceed	0.0%	0.1%	0.1%	0.1%	0.0%
<b>Total<sup>2</sup></b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

#### After 5 Years

Cohort Year (entering in)	2000	2001	2002	2003	2004
Graduated	94.1%	97.0%	97.2%	96.3%	2010
Continuing	0.5%	0.5%	0.4%	0.8%	
Cont/Grad Elsewhere	1.1%	0.5%	0.4%	0.5%	
<b>Success Rate</b>	<b>95.7%</b>	<b>98.0%</b>	<b>98.0%</b>	<b>97.6%</b>	
<b>Attrition</b>	<b>4.4%</b>	<b>1.9%</b>	<b>1.9%</b>	<b>2.3%</b>	
Ineligible to Proceed	0.0%	0.1%	0.1%	0.1%	
<b>Total<sup>2</sup></b>	<b>100.1%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	

#### After 7 Years

Cohort Year (entering in)	2000	2001	2002	2003	2004
Graduated	95.4%	97.8%	97.9%	2010	2011
Continuing	0.1%	0.0%	0.2%		
Cont/Grad Elsewhere	0.9%	0.4%	0.4%		
<b>Success Rate</b>	<b>96.4%</b>	<b>98.2%</b>	<b>98.4%</b>		
<b>Attrition</b>	<b>3.6%</b>	<b>1.8%</b>	<b>1.6%</b>		
Ineligible to Proceed	0.0%	0.0%	0.0%		
<b>Total<sup>2</sup></b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>		

#### Notes:

1. Table includes students entering a second program with a degree or transferring in from another program within the same university to a program requiring prerequisite university studies. Students in co-operative education programs are excluded.

2. Due to rounding total may not equal to 100%

3. In 2006/07, University of Manitoba implemented a new Student Information System. Data prior to 2001 are not comparable due to system change.

Table 3.1c shows graduation and retention rates for students in co-operative education programs. Co-operative education programs are tracked differently from First and Second Entry Programs, recognizing the fact that work placements require periods away from formal study, lengthening the duration of the program.

The percentage of students graduating from Co-operative Education Programs after six years decreased from 99.4% for the 2000 cohort to 97.9% for the 2003 cohort. The percentage of students withdrawing from Co-operative Education Programs is less than 1% over the 6 year period.

### 3.1c Co-operative Education Programs - University of Manitoba <sup>1</sup>

#### After Year 1 <sup>2</sup>

Cohort Year (entering in)	2000	2001	2002	2003	2004
Graduated	0.0%	0.0%	0.0%	0.0%	0.0%
Continuing	100.0%	99.9%	98.2%	98.8%	100.0%
Cont/Grad Elsewhere	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Success Rate</b>	<b>100.0%</b>	<b>99.9%</b>	<b>98.2%</b>	<b>98.8%</b>	<b>100.0%</b>
<b>Attrition</b>	<b>0.0%</b>	<b>1.0%</b>	<b>1.8%</b>	<b>1.2%</b>	<b>0.0%</b>
Ineligible to Proceed	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total</b> <sup>3</sup>	<b>100.0%</b>	<b>100.9%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

#### After 6 Years <sup>2</sup>

Cohort Year (entering in)	2000	2001	2002	2003	2004
Graduated	99.4%	97.5%	97.6%	97.9%	2010
Continuing	0.6%	1.9%	1.8%	2.1%	
Cont/Grad Elsewhere	0.0%	0.0%	0.0%	0.0%	
<b>Success Rate</b>	<b>100.0%</b>	<b>99.4%</b>	<b>99.4%</b>	<b>100.0%</b>	
<b>Attrition</b>	<b>0.0%</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.0%</b>	
Ineligible to Proceed	0.0%	0.0%	0.0%	0.0%	
<b>Total</b> <sup>3</sup>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	

#### After 8 Years <sup>2</sup>

Cohort Year (entering in)	2000	2001	2002	2003	2004
Graduated	100.0%	99.4%	2010	2011	2012
Continuing	0.0%	0.0%			
Cont/Grad Elsewhere	0.0%	0.6%			
<b>Success Rate</b>	<b>100.0%</b>	<b>100.0%</b>			
<b>Attrition</b>	<b>0.0%</b>	<b>0.0%</b>			
Ineligible to Proceed	0.0%	0.0%			
<b>Total</b> <sup>3</sup>	<b>100.0%</b>	<b>100.0%</b>			

#### Notes:

1. Only University of Manitoba reports data for co-operative education programs.
2. In recognition that co-operative education programs by definition require students to leave formal study for periods of work-placements. Co-op students are tracked after 1 year, 6 years and 8 years, as opposed to 1,5 and 7 years after program entry for First and Second Entry Programs.
3. Due to rounding total may not equal to 100%.

## 3.2 College Retention

### 3.2b Certificate Programs – All Colleges

Table 3.2a shows that 64.5% of certificate students first entering college as full-time students in 2004 completed their program within two years. Only 3.8% of the original cohort was continuing a certificate program after four years.

#### 3.2a Certificate Programs - All Colleges

##### After Year 1

<b>Cohort Year (entering in)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003 <sup>1</sup></b>	<b>2004</b>
Graduated	42.6%	39.6%	47.4%	41.0%	44.9%
Cont/Grad Elsewhere	34.4%	36.9%	31.6%	38.7%	34.3%
<b>Success Rate</b>	<b>76.9%</b>	<b>76.5%</b>	<b>79.0%</b>	<b>79.8%</b>	<b>79.1%</b>
<b>Attrition</b>	<b>17.1%</b>	<b>17%</b>	<b>16.0%</b>	<b>14.3%</b>	<b>15.7%</b>
Other	5.9%	6.8%	5.0%	5.9%	5.2%
<b>Total <sup>2</sup></b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

##### After 2 Years

<b>Cohort Year (entering in)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003 <sup>1</sup></b>	<b>2004</b>
Graduated	64.1%	61.9%	66.0%	60.0%	64.5%
Cont/Grad Elsewhere	4.1%	4.1%	5.5%	6.6%	6.4%
<b>Success Rate</b>	<b>68.2%</b>	<b>66.0%</b>	<b>71.5%</b>	<b>66.6%</b>	<b>70.9%</b>
<b>Attrition</b>	<b>25.2%</b>	<b>26%</b>	<b>22.4%</b>	<b>26.1%</b>	<b>22.5%</b>
Other	6.6%	7.9%	6.1%	7.3%	6.6%
<b>Total <sup>2</sup></b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

##### After 3 Years

<b>Cohort Year (entering in)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003 <sup>1</sup></b>	<b>2004</b>
Graduated	66.2%	63.2%	67.6%	61.1%	66.8%
Cont/Grad Elsewhere	1.5%	2.1%	2.4%	3.2%	3.2%
<b>Success Rate</b>	<b>67.7%</b>	<b>65.4%</b>	<b>70.0%</b>	<b>64.3%</b>	<b>70.0%</b>
<b>Attrition</b>	<b>25.6%</b>	<b>26.6%</b>	<b>23.9%</b>	<b>28.2%</b>	<b>23.3%</b>
Other	6.6%	8.0%	6.1%	7.5%	6.7%
<b>Total <sup>2</sup></b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

##### After 4 Years

<b>Cohort Year (entering in)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003 <sup>1</sup></b>	<b>2004</b>
Graduated	66.8%	63.9%	68.2%	61.4%	65.9%
Cont/Grad Elsewhere	0.5%	1.2%	1.4%	2.6%	3.8%
<b>Success Rate</b>	<b>67.3%</b>	<b>65.1%</b>	<b>69.6%</b>	<b>64.0%</b>	<b>69.7%</b>
<b>Attrition</b>	<b>26.0%</b>	<b>27%</b>	<b>24.2%</b>	<b>28.4%</b>	<b>23.5%</b>
Other	6.7%	8.0%	6.2%	7.6%	6.8%
<b>Total <sup>2</sup></b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

##### Notes:

1. 2003 data revised to include ACC.
2. Due to rounding total may not equal to 100%

### 3.2b Diploma Programs – All Colleges

Table 3.2b shows that 47.7% of full-time diploma students entering a program in 2004 completed their program within three years. After four years, 51.5% of students had graduated from their diploma program.

Manitoba college students entering their program in 2004 had a 60.7% success rate for certificate programs after two years and a 54.3% success rate for diploma program after three years.

#### 3.2b Diploma Programs - All Colleges

##### After Year 1

Cohort Year (entering in)	2000	2001	2002	2003 <sup>1</sup>	2004
Graduated	4.6%	4.6%	3.5%	3.2%	3.9%
Continuing	65.2%	69.4%	69.7%	74.4%	74.2%
<b>Success Rate</b>	<b>69.8%</b>	<b>74.0%</b>	<b>73.2%</b>	<b>77.6%</b>	<b>78.1%</b>
<b>Attrition</b>	<b>28.8%</b>	<b>26%</b>	<b>26.2%</b>	<b>21.8%</b>	<b>21.9%</b>
Other	1.4%	0.4%	0.6%	0.6%	0.0%
<b>Total <sup>2</sup></b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

##### After 2 Years

Cohort Year (entering in)	2000	2001	2002	2003 <sup>1</sup>	2004
Graduated	28.4%	31.0%	30.4%	32.0%	31.4%
Continuing	28.0%	27.8%	29.5%	29.3%	29.3%
<b>Success Rate</b>	<b>56.4%</b>	<b>58.8%</b>	<b>59.9%</b>	<b>61.3%</b>	<b>60.7%</b>
<b>Attrition</b>	<b>39.6%</b>	<b>38%</b>	<b>37.1%</b>	<b>34%</b>	<b>36.7%</b>
Other	4.0%	2.9%	3.0%	4.4%	2.6%
<b>Total <sup>2</sup></b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

##### After 3 Years

Cohort Year (entering in)	2000	2001	2002	2003 <sup>1</sup>	2004
Graduated	47.8%	49.6%	48.1%	49.5%	47.7%
Continuing	5.2%	6.0%	5.9%	6.4%	6.6%
<b>Success Rate</b>	<b>53.0%</b>	<b>55.6%</b>	<b>54.0%</b>	<b>55.9%</b>	<b>54.3%</b>
<b>Attrition</b>	<b>42.1%</b>	<b>40%</b>	<b>41.1%</b>	<b>37.1%</b>	<b>42.7%</b>
Other	4.9%	4.1%	4.9%	7.0%	3.0%
<b>Total <sup>2</sup></b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

##### After 4 Years

Cohort Year (entering in)	2000	2001	2002	2003 <sup>1</sup>	2004
Graduated	50.6%	52.2%	51.3%	52.8%	51.5%
Continuing	2.0%	1.8%	1.2%	1.7%	1.7%
<b>Success Rate</b>	<b>52.6%</b>	<b>54.0%</b>	<b>52.5%</b>	<b>54.5%</b>	<b>53.2%</b>
<b>Attrition</b>	<b>42.3%</b>	<b>41%</b>	<b>41.9%</b>	<b>37.8%</b>	<b>43.8%</b>
Other	5.1%	4.9%	5.6%	7.7%	3.0%
<b>Total <sup>2</sup></b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

##### Notes:

1. 2003 data revised to include ACC.
2. Due to rounding total may not equal to 100%