

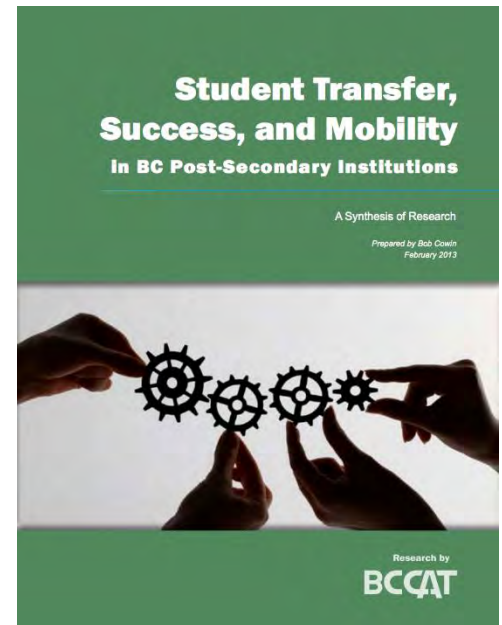
On the Move:
Findings from Current BCCAT Mobility Research

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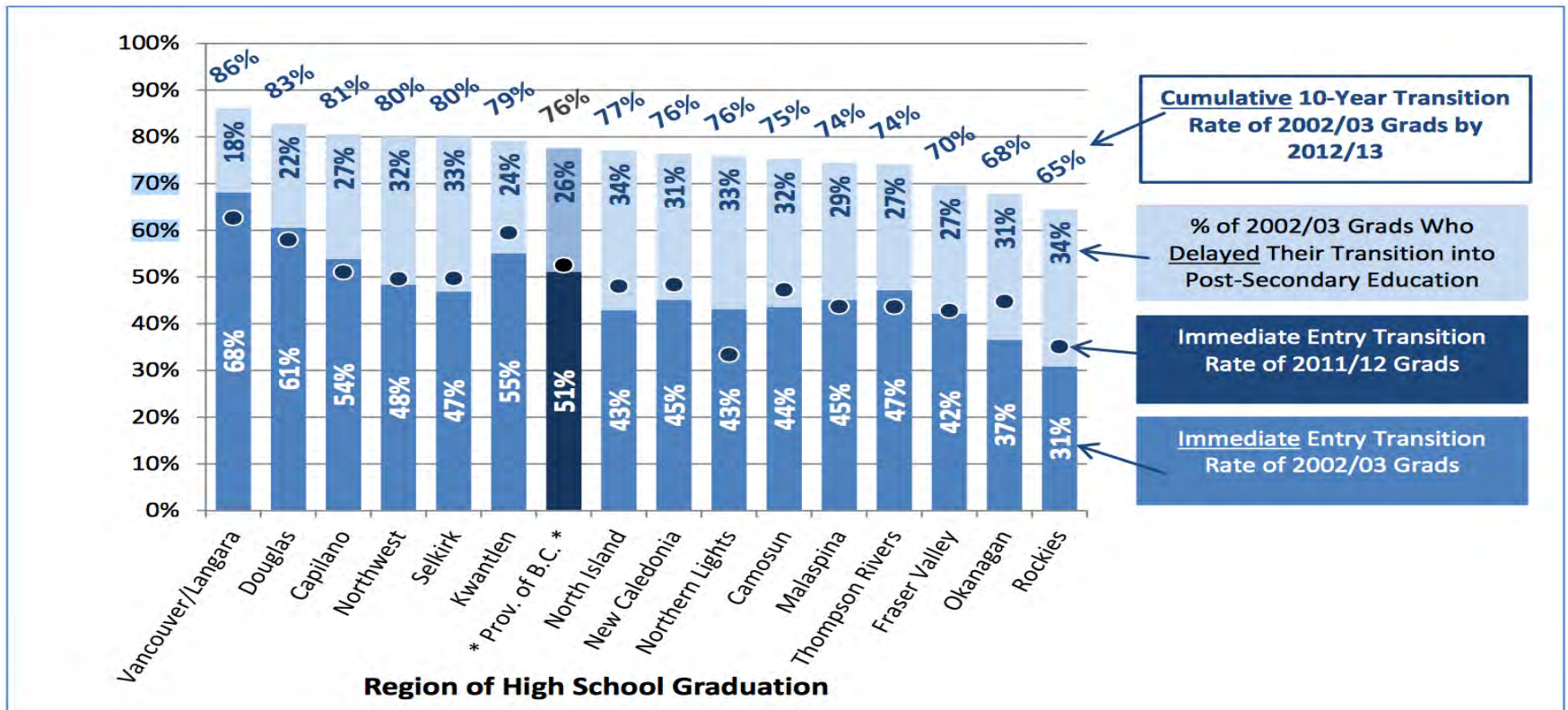
BCCAT Joint Annual Meeting
Richmond, November 14, 2014

Overview

- ▶ Established features of student transition and mobility in BC
- ▶ Looking for more?
 - ▶ Student Transitions Project - http://www.aved.gov.bc.ca/student_transitions/
 - ▶ Tour of BCCAT Research - <http://www.bccat.ca/research/tour>
- ▶ New research
 - ▶ Background of “Profile Reports”
 - ▶ Methodology and caveats
 - ▶ Findings
 - ▶ Transfer student demographics
 - ▶ Performance of transfer students
- ▶ Impacts of mobility research in BC



The 50 / 75 Rule: Immediate and Delayed Transitions to Post-secondary in BC



Immediate and delayed transition rates of the 2002/03 grade 12 graduation cohort are provided, along with their cumulative 10-year transition rate into B.C. public post-secondary education by 2012/2013. These transition rates are provided by region of high school graduation. Students who did not transition to post-secondary education or who enrolled in a B.C. private or non-B.C. institution are not accounted for in this chart. For comparison, the immediate entry transition rate of the 2011/12 graduation cohort is also provided to show that immediate-entry transition rates have increased in most regions, compared to 2002/03; and transition rates by region are not as consistent as the average immediate-entry transition rate for the province overall (currently 53% per year). This information is based on March 4, 2014 data from the Student Transitions Project, November 2013 data submission.

Pathways for Non-graduates

2009/10 B.C. Public Post-Secondary Completers
53,866

B.C. Grade 12 Graduates
(30,703, 57%)

**NoBC12 Students
(3,031, 6%)**

Did Not Attend the B.C. K-12 System, Attended only K-Grade 7, or No PEN
(20,132, 37%)

2009/10 B.C. Public Post-Secondary Registrants
441,394

Dual Enrolled (Early Entry)
(3,872, 1%)

B.C. Grade 12 Graduates
(191,521, 43%)

B.C. School Students but not Grade 12 Graduates
(43,528, 10%)

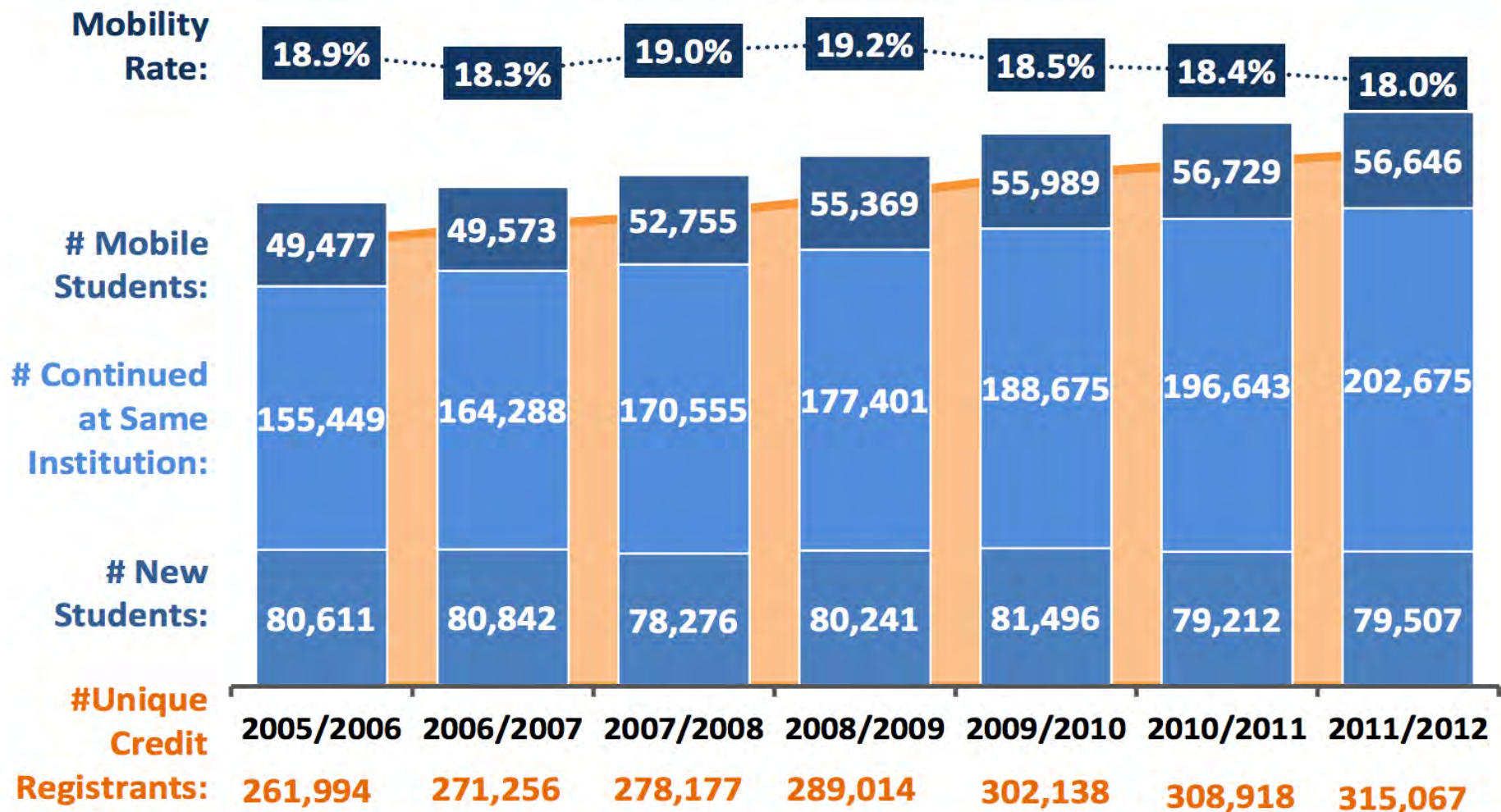
Did Not Attend the B.C. K-12 System or No PEN
(202,473, 46%)

**NoBC12 Students in Public Post-Secondary
34,751 (8%)**

Attended only BC K-7
8,777 (2%)

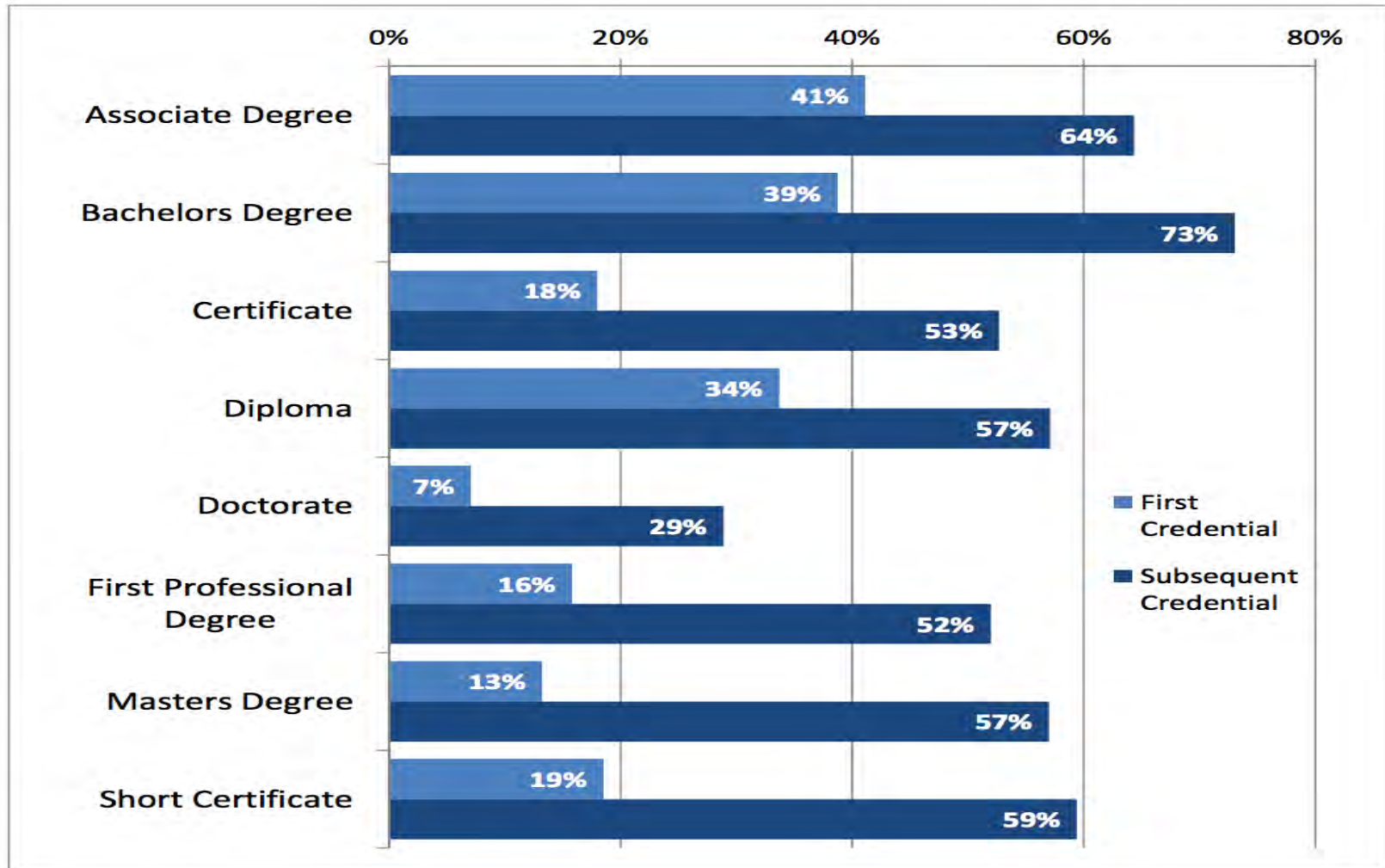
Source: STP – Post-secondary Pathways of Non-graduates (2013)

Trends in Mobility Rate across BC Post-secondary



Source: STP – Understanding Student Mobility in BC (2013)

Percentage Mobile Credential Completers (First and Subsequent Credential)



Source: STP – Understanding Student Mobility in BC (2013)

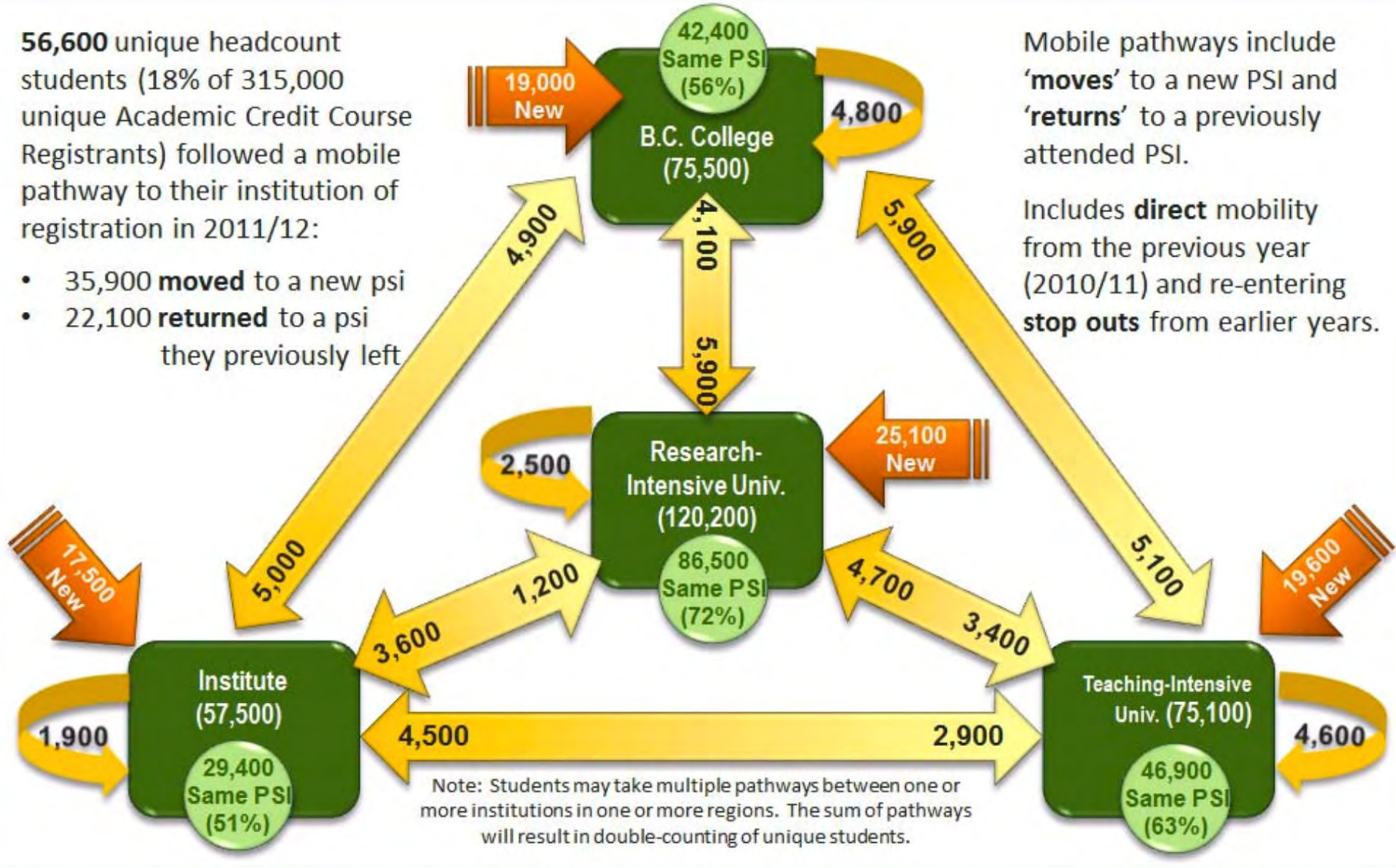
Mobility Between Sectors (2011 / 12)

56,600 unique headcount students (18% of 315,000 unique Academic Credit Course Registrants) followed a mobile pathway to their institution of registration in 2011/12:

- 35,900 **moved** to a new psi
- 22,100 **returned** to a psi they previously left

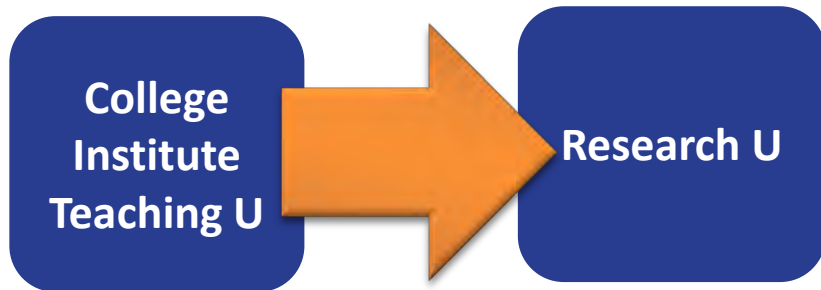
Mobile pathways include 'moves' to a new PSI and 'returns' to a previously attended PSI.

Includes **direct** mobility from the previous year (2010/11) and re-entering **stop outs** from earlier years.

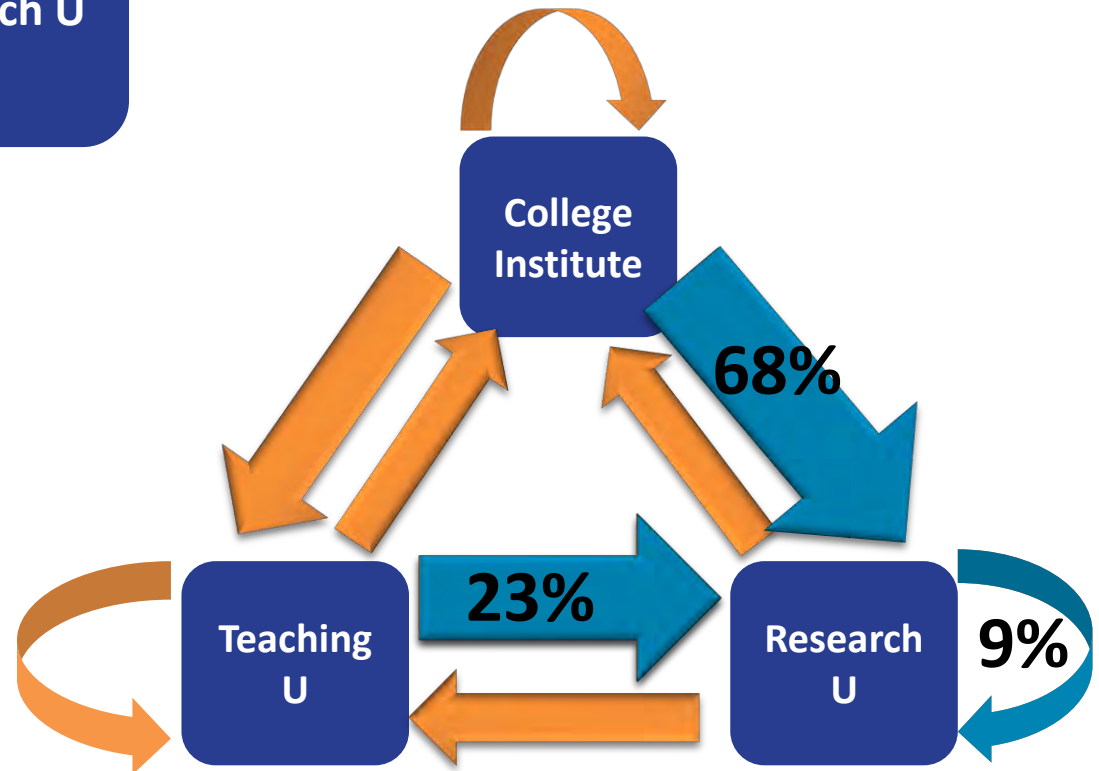


Direction of Transfer Student Mobility

1991



2013



Transfer Students Profile Reports

2008

- ▶ 5 individual university reports:
 - ▶ SFU, TRU, UBC, UNBC, UVic
- ▶ Transfer Student: basis of admission (or 24 credits)
- ▶ Sending institution: a BC public PSI with most transferred credits
- ▶ Private sending PSIs: limited #

2013

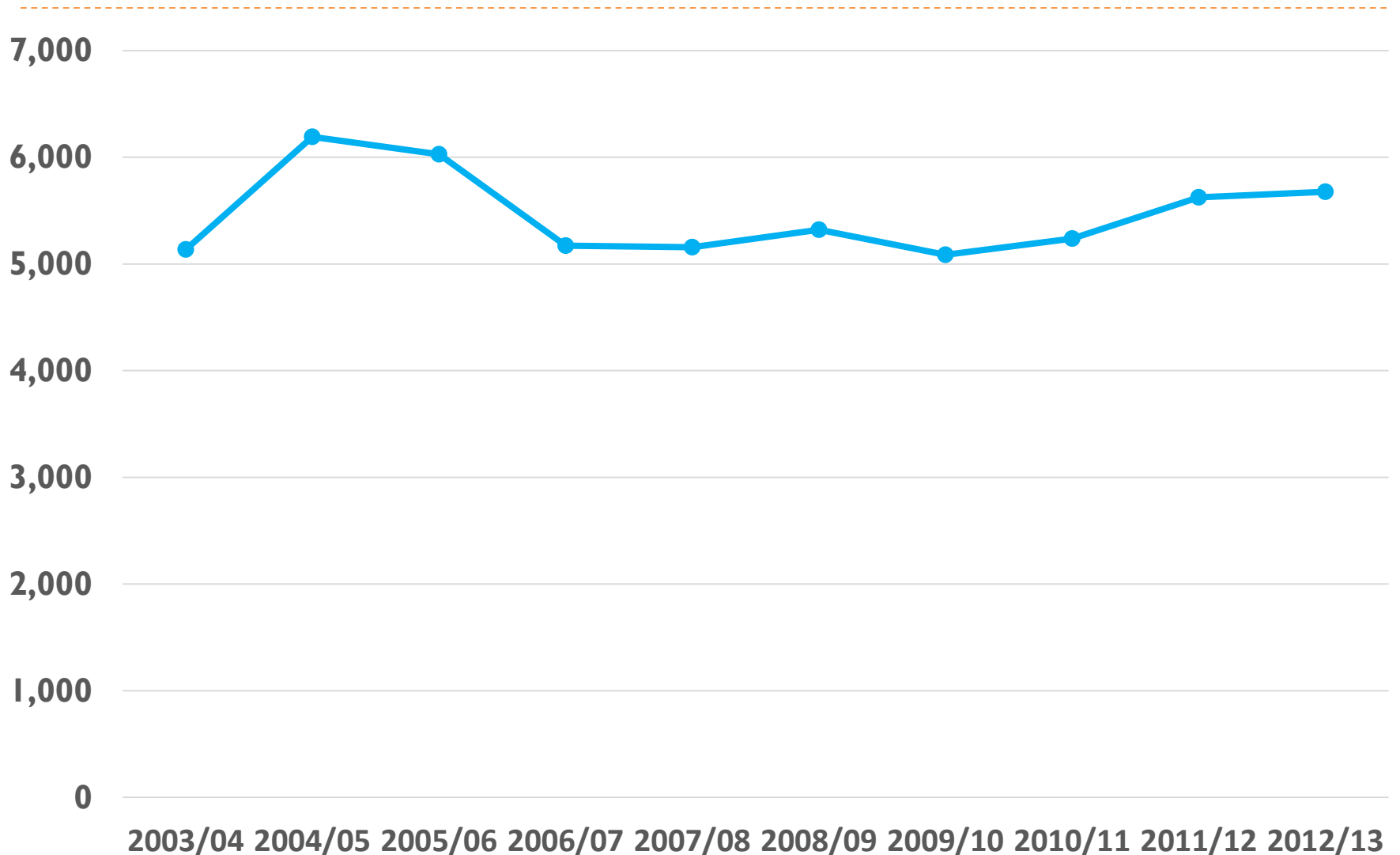
- ▶ An aggregate system report combining the data from 6 universities
 - ▶ RRU, SFU, TRU, UBC (V & O), UNBC, Uvic
- ▶ Transfer Student: basis of admission (or 15 credits)
- ▶ Sending institution: last BC institution
- ▶ Private sending PSIs: all included

Profile Report Data

- ▶ **A template requesting comparison with direct entry where possible**
 - ▶ **Part 1: Transfer Student Profile**
 - ▶ **Part 2: Transfer Student Performance**
 - ▶ **Part 3: Course GPA of Transfer vs. Direct Entry Students (small numbers were masked)**
- ▶ **2008/09 – 2012/13 academic years**

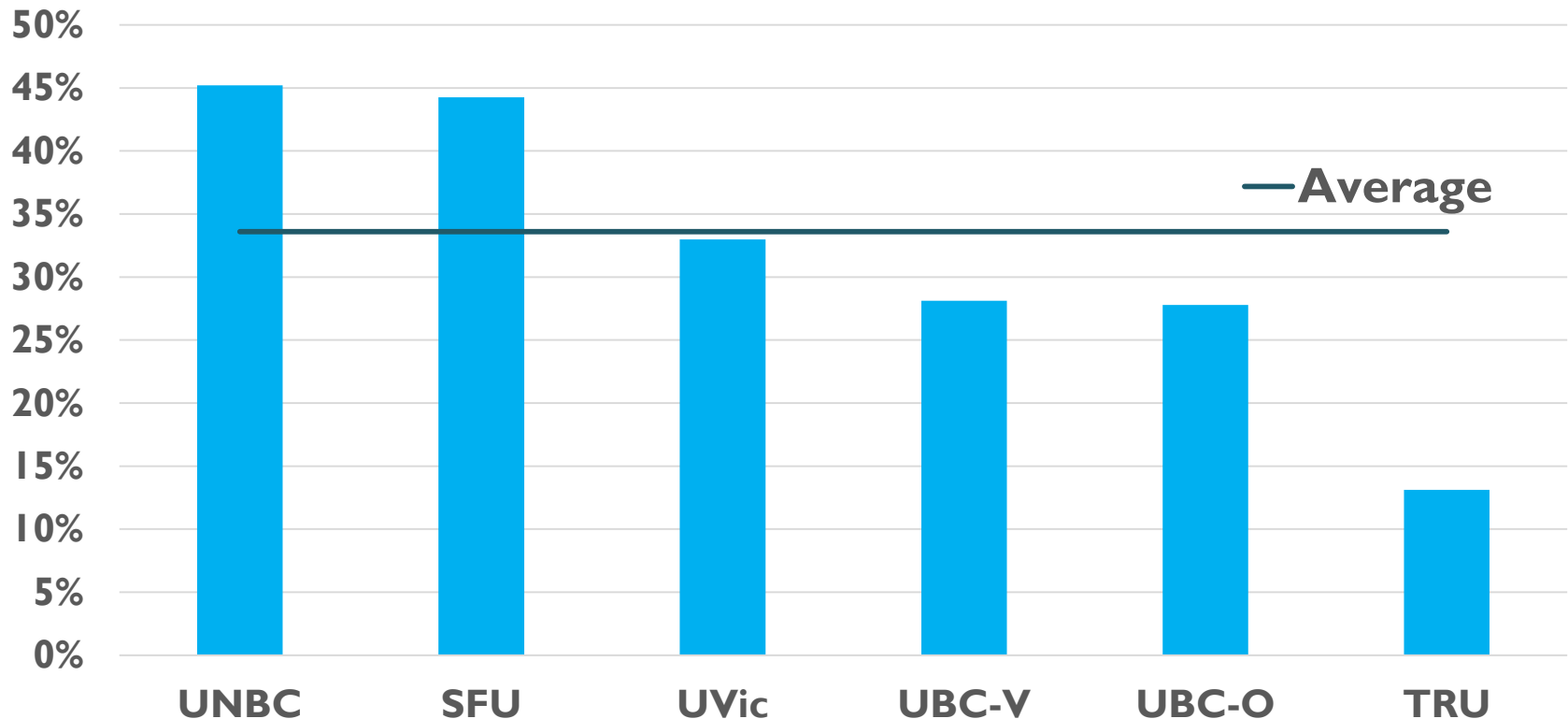


Number of Transfer Students per Year

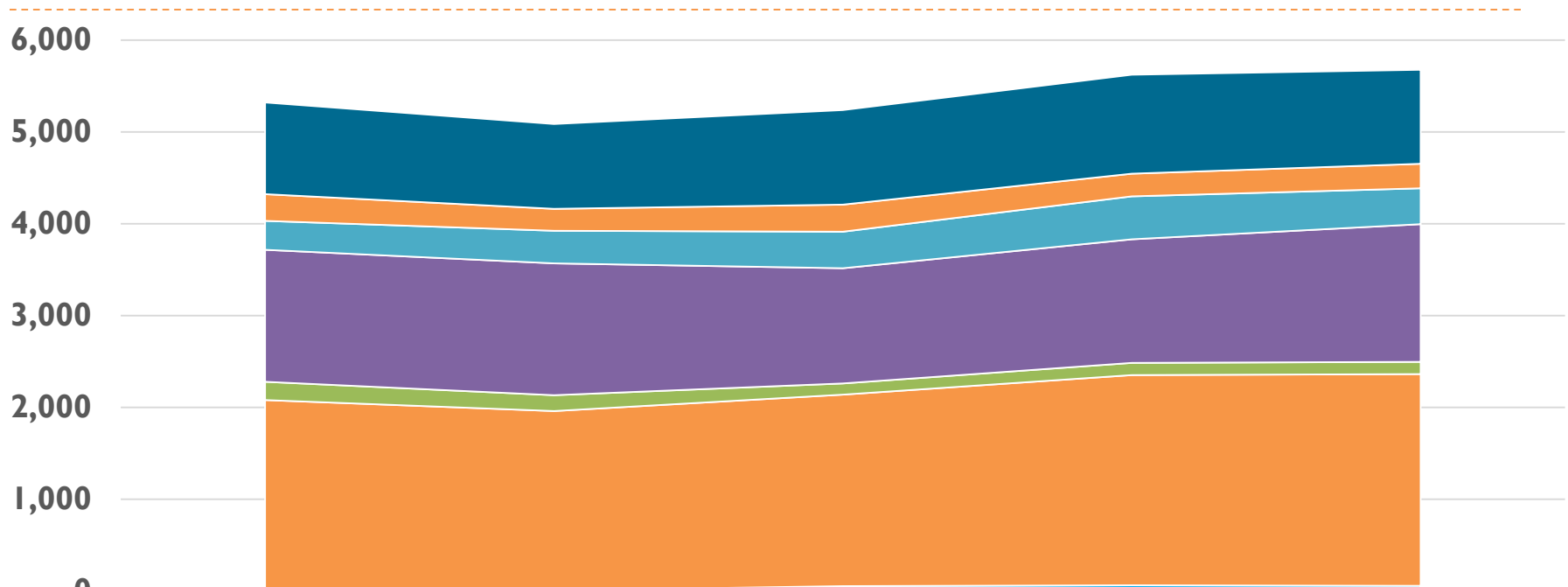


Transfer Students as % of Total Class (2008/09 – 2012/13)

- ▶ **BC: 34% of all students, range: 13-45%**
- ▶ **US public (Hossler et al. 2013): range: 32.6 – 34.4%**



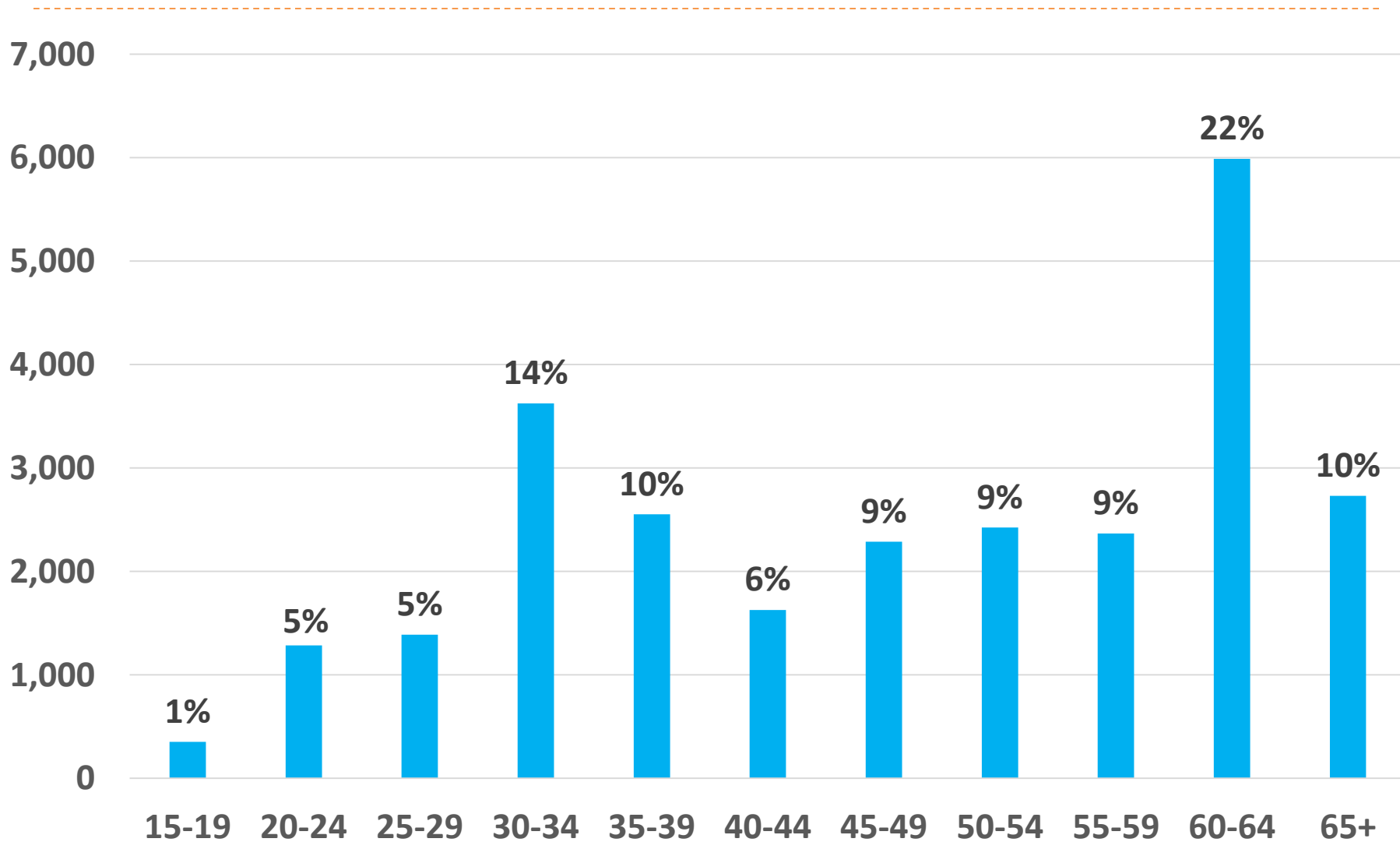
Number of Transfer Students by Receiving Institution



	2008/09	2009/10	2010/11	2011/12	2012/13
UVic	999	924	1,030	1,078	1,024
UNBC	291	239	295	247	267
UBC-O	315	355	398	468	391
UBC-V	1,438	1,436	1,255	1,346	1,500
TRU	199	173	122	133	133
SFU	2,080	1,954	2,086	2,290	2,307
RRU	0	6	53	62	56

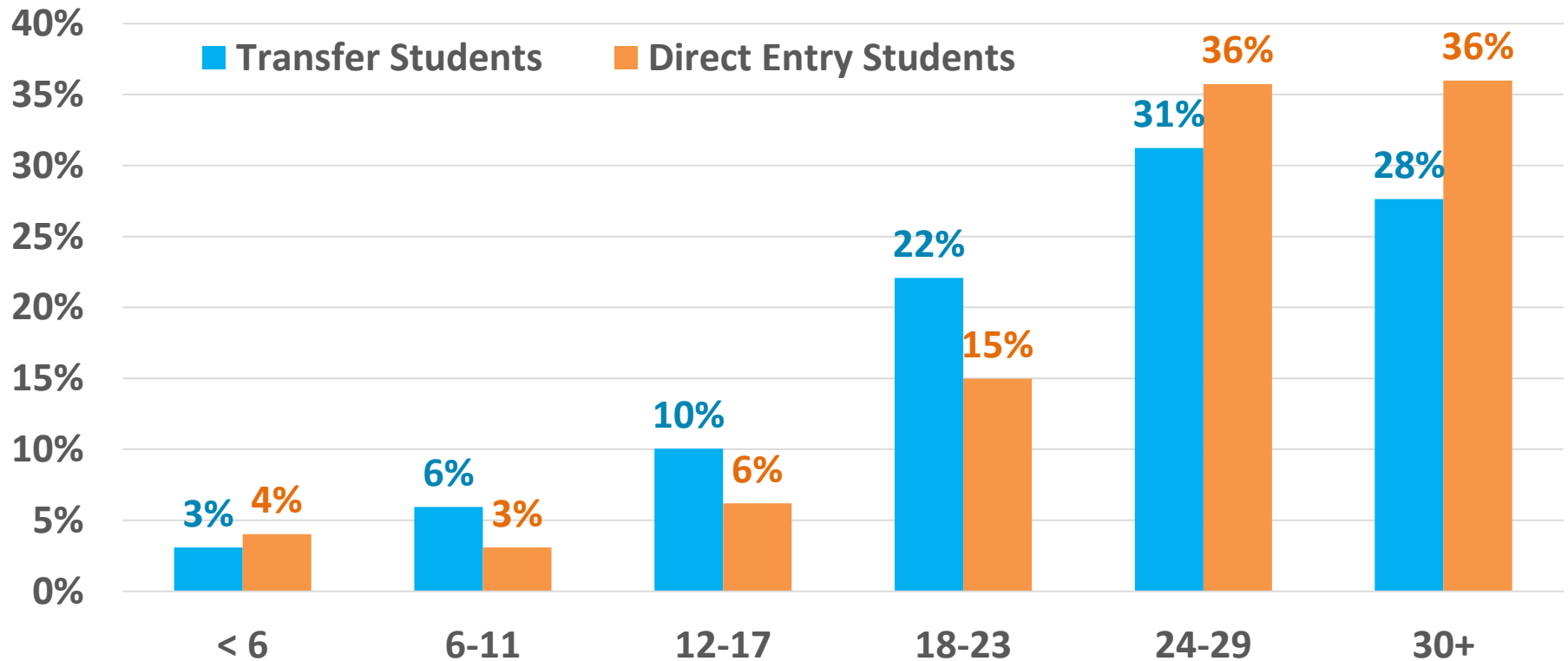


Transferred Credits at Admission (Transfer Year Proxy)

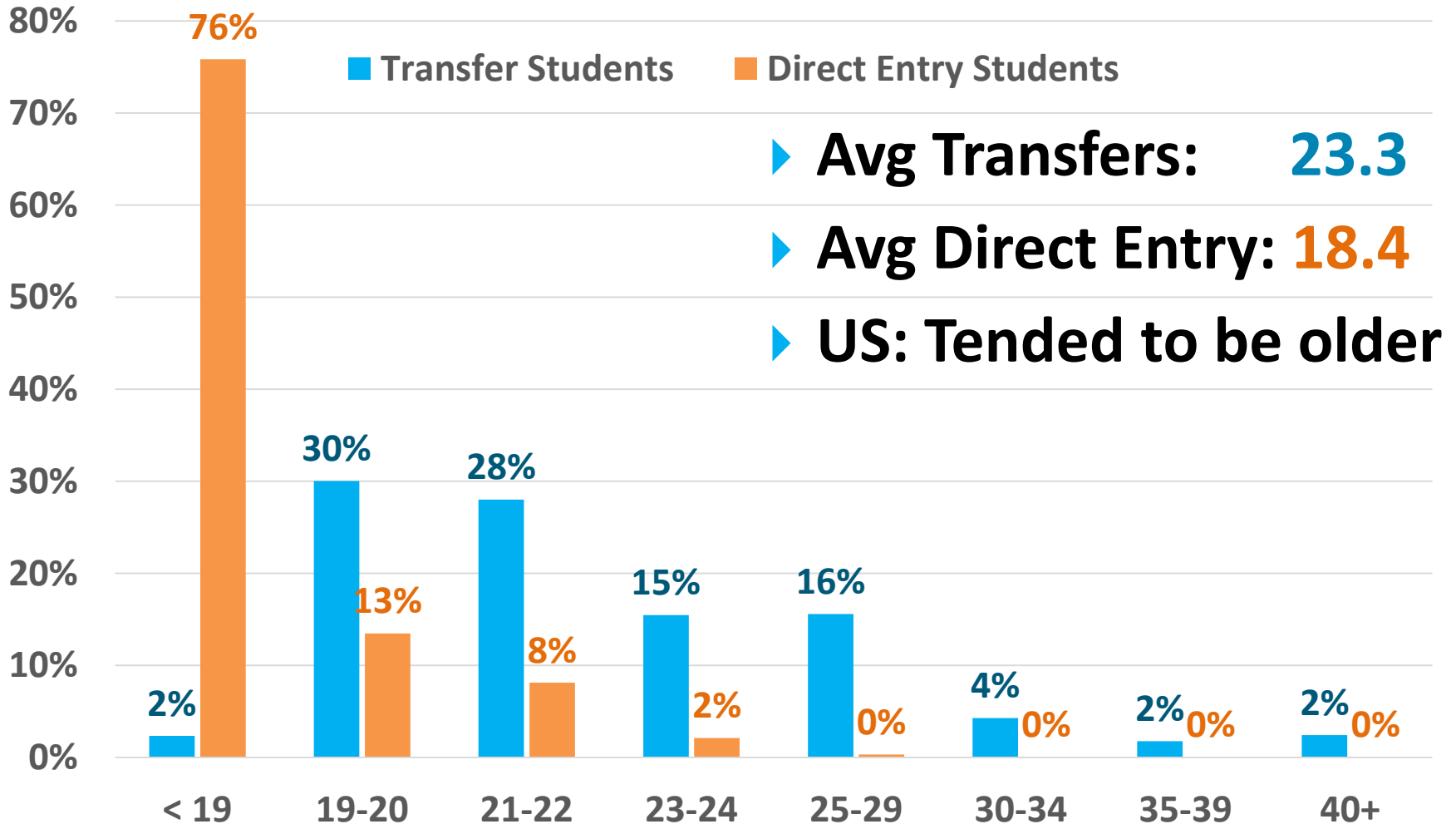


Credits Taken in First 12 Mos (FT/PT Proxy)

- ▶ Avg Transfers: **24.1** ▶ FT: ~30 credits/year
- ▶ Avg Direct Entry: **25.9** ▶ US: transfers more PT



Age Groups



Pathways to Becoming a Master Vary!

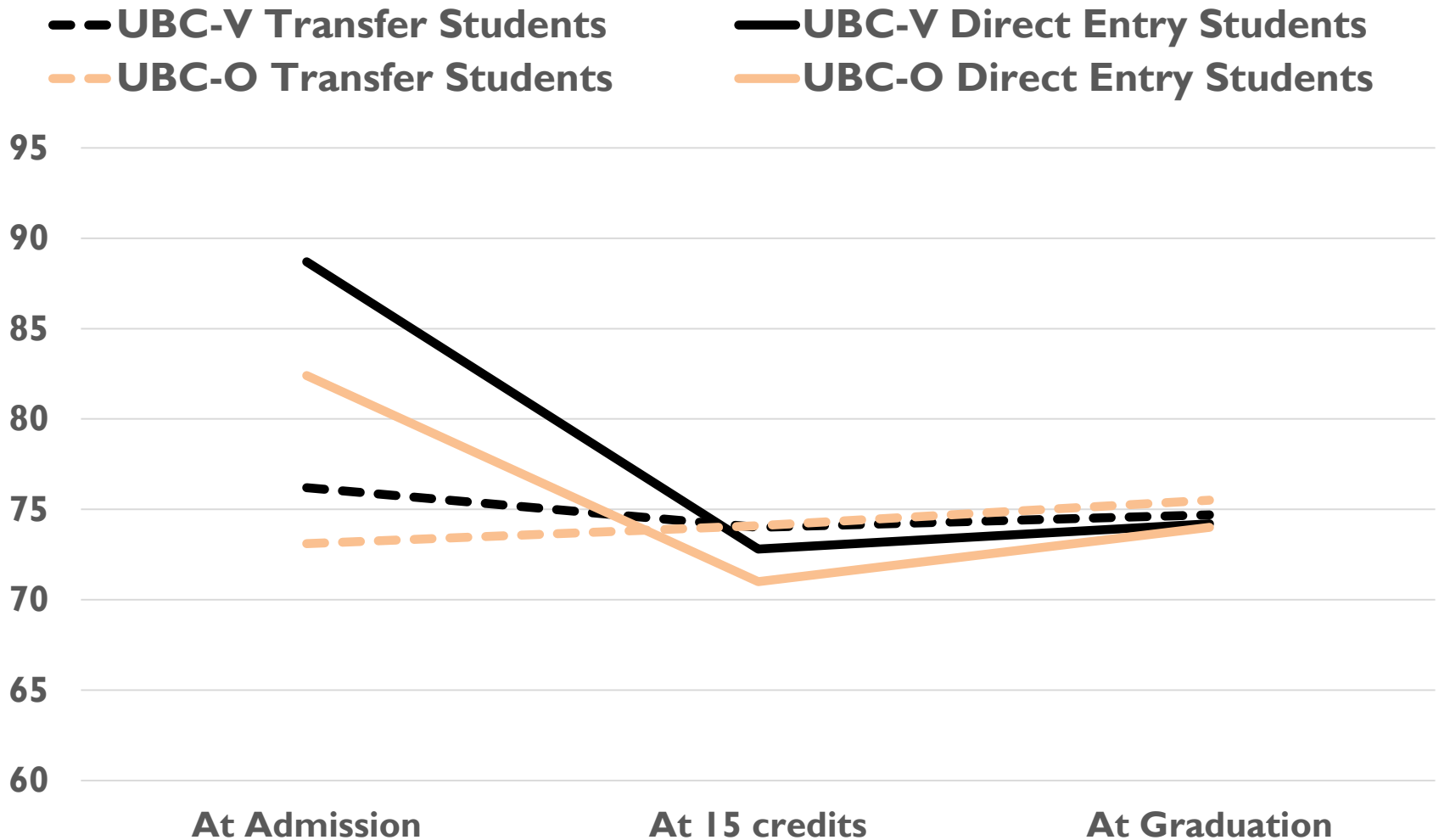


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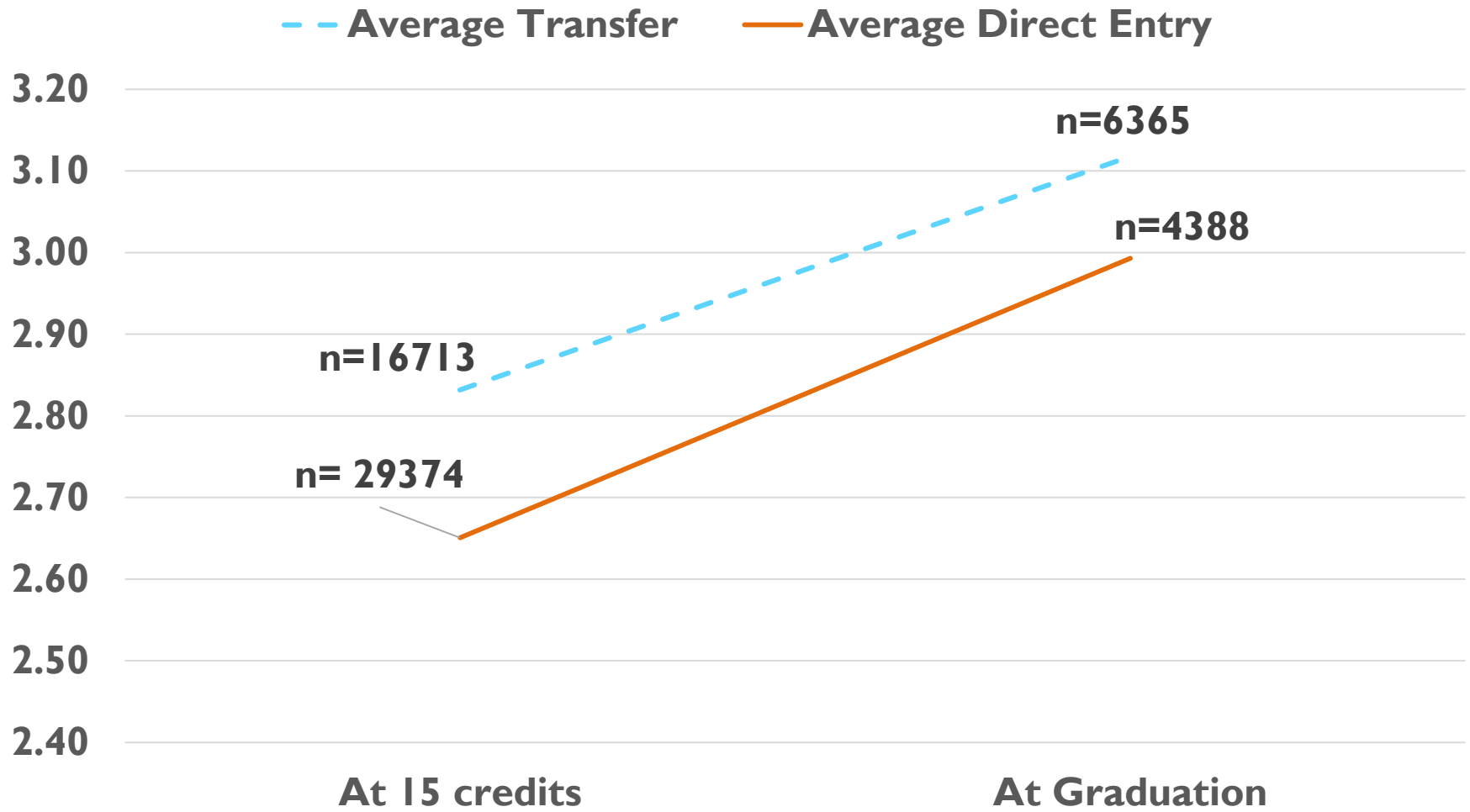
DREAMWORKS
ANIMATION



UBC: Performance (%) at 3 Points



SFU, TRU, UNBC, UVic: Performance (GPA) at 2 Points



Course-Level Performance Data

- ▶ Useful for senders
- ▶ Courses with significant # of transfer students
- ▶ Evidence of comparable performance

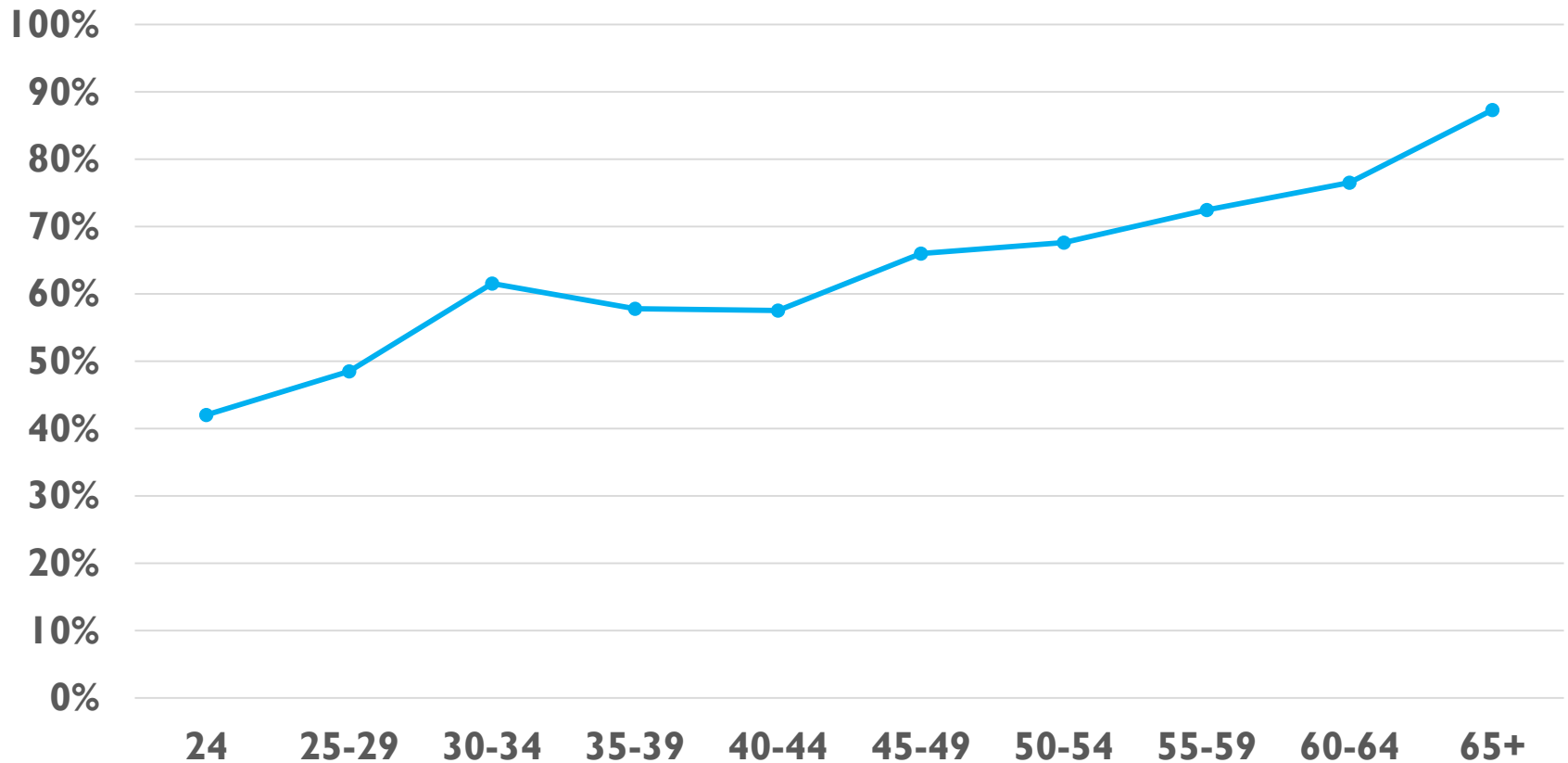
Region/ Institution	ANTH 100			BIOL 231			SPAN 201		
	# stdts	Adm GPA	Crse GPA	# stdts	Adm GPA	Crse GPA	# stdts	Adm GPA	Crse GPA
Northern BC/Yukon	3	X	X	4	X	X	4	X	X
College of New Caledonia	1	X	X	3	X	X			
Northern Lights College	1	X	X						
Northwest Community College				1	X	X	1	X	X
University of Northern British Columbia	1	X	X				2	X	X
Yukon College							1	X	X
Interior/Kootenays	121	73.93	74.18	134	76.09	72.56	83	75.44	75.75
College of the Rockies	7	75.67	80.29	6	78.30	80.00	1	X	X
Nicola Valley Institute of Technology									
Okanagan College	88	73.89	73.47	115	76.13	71.49	73	75.27	75.63
Selkirk College	10	72.72	74.70	6	74.67	86.83	3	X	X
Thompson Rivers University	16	74.14	75.06	7	74.83	71.57	6	74.95	73.83
Vancouver Island	20	70.73	73.75	11	71.86	77.82	6	69.44	73.67
Camosun College	5	70.56	81.00	3	X	X	1	X	X
North Island College	2	X	X						
Royal Roads University									
University of Victoria	9	68.46	71.89	4	X	X	4	X	X
Vancouver Island University	4	X	X	4	X	X	1	X	X
Lower Mainland	64	68.31	73.06	41	70.47	67.25	21	69.88	76.29
Public Lower Mainland	58	68.10	72.17	38	70.03	66.45	18	69.56	75.28

Region/ Institution	ANTH 100			BIOL 231			SPAN 201		
	# stdts	Adm GPA	Crse GPA	# stdts	Adm GPA	Crse GPA	# stdts	Adm GPA	Crse GPA
Transfer Students	208	71.82	73.73	190	74.58	71.63	114	73.96	75.87
Direct Entry students	1478	81.24	70.89	331	84.82	73.64	204	81.53	77.6

Columbia College	3	X	X						
Coquitlam College	1	X	X						
Corpus Christi College				1	X	X			
Trinity Western University	1	X	X	2	X	X	2	X	X
Transfer Students	208	71.82	73.73	190	74.58	71.63	114	73.96	75.87
Direct Entry students	1478	81.24	70.89	331	84.82	73.64	204	81.53	77.60

Completion Rate by Number of Transferred Credits

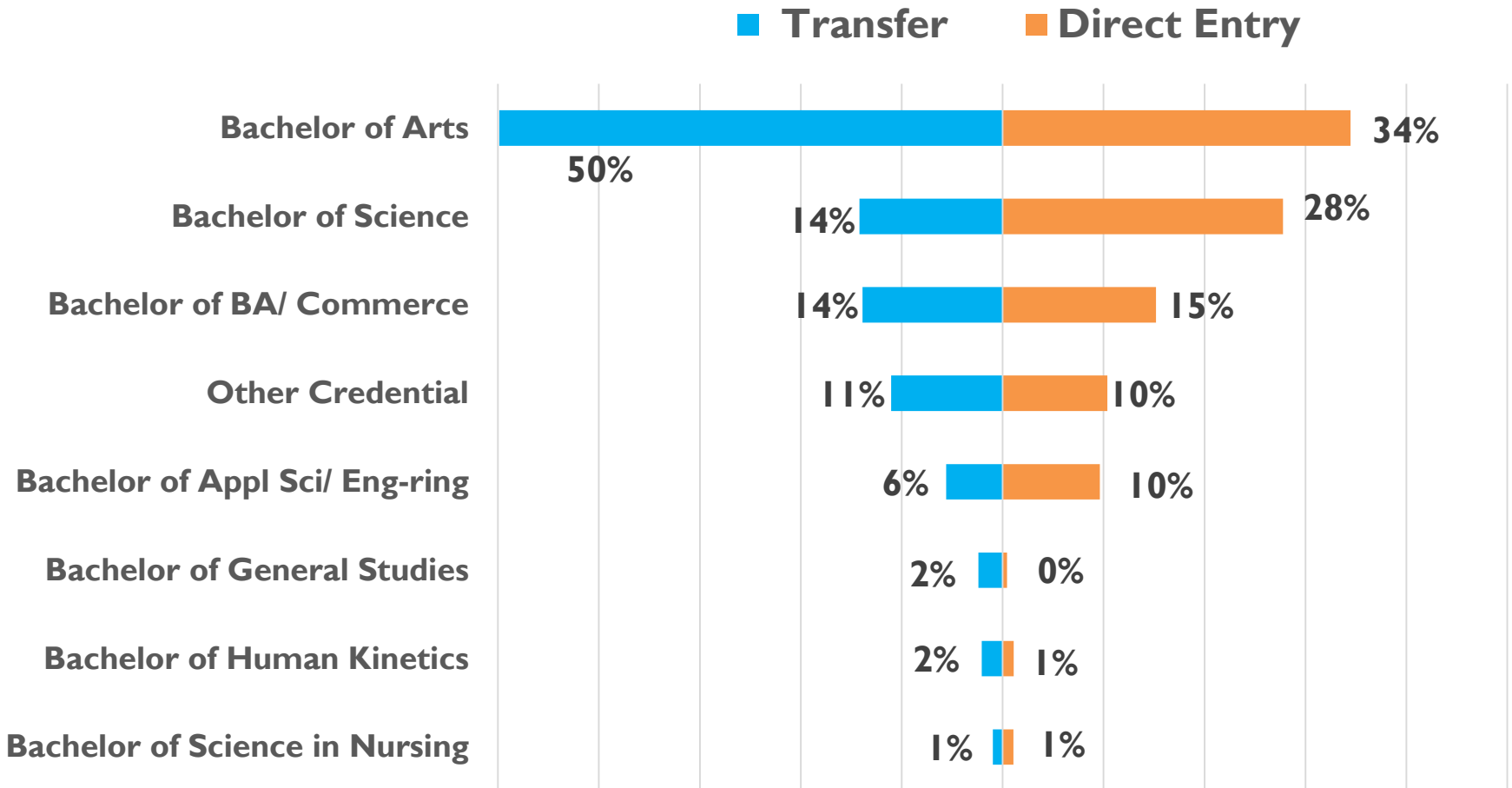
▶ **Overall completion rate: 68% (US: 62% - 2013)**



2008/09 and 2009/10 transfer student cohorts who graduated in 2013 or before



Proportion of Completers by Program Area



▶ Overall avg time to completion after transfer: 32.8 mos (2.5 years)



Impacts of Mobility Research in BC

- ▶ Confidence in BC Transfer System and transfer students
- ▶ Enabling Initiative
 - ▶ Multi-directional mobility -> elimination of sending/receiving distinction in BC Transfer System.
- ▶ Credit Mobility
 - ▶ Current initiative to gather systematic data from colleges, institutes, teaching universities on transfer credit granted.
- ▶ System Performance measure – Year to Year Retention
 - ▶ Implemented by Ministry of Advanced Education in 2014. Effectively a “system retention” measure



What do mobile students tell us about their experience?

A Survey of Movers

Students Who Move Between BC Public Post-Secondary Institutions:
A Summary of Findings

Prepared for BCCAT by BC Stats
January 2013



Research by
BCCAT

- ▶ They're satisfied (75%, 80%, 88%)
- ▶ Over 60% plan in advance to transfer
- ▶ Traditional transfer students expected to transfer their credits (90%)
- ▶ Some encountered challenges
- ▶ but 69% ended up in a related program and 94% received at least some credit for prior work.

Conclusions

- ▶ Transitions:
 - ▶ The 50/75 rule
 - ▶ Many pathways – 8% of registrants and 6% of credential recipients likely did not graduate from Gr 12
 - ▶ Mobile students
 - ▶ About 18% of students each year are mobile, almost 40% of bachelor degree recipients were mobile
 - ▶ Many directions, many reasons
 - ▶ They are aware of the BC Transfer System and satisfied with it
 - ▶ Transfer students
 - ▶ A significant portion of class
 - ▶ Different demographically from direct entries
 - ▶ Similar in performance and completion
 - ▶ Student mobility research has impacted transfer processes, data collection, and performance metrics in BC
-



Thank you !

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For more BCCAT research, visit us at: <http://www.bccat.ca/research/tour>

Celebrating **25** years of
supporting student pathways
BCCAT

