

Careers Summit

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Education Programs Division**



BRITISH
COLUMBIA

Ministry of
Education



B.C. Education System Today

> K-12 EDUCATION SECTOR

Public:



1,578 schools
60 districts
569,000 students

Independent:



367 schools
86,000 students

First Nations:



129 schools
~8,000 students

Off-Shore:



45 schools
11,650 students



2,300 homeschooled children

> WORKFORCE



95,000 Employees
Teachers, Principals, Education Assistants, other supports

401 Ministry employees



43—average age of Educators



60% of workforce are educators & administrators

> PROVINCIAL INVESTMENTS



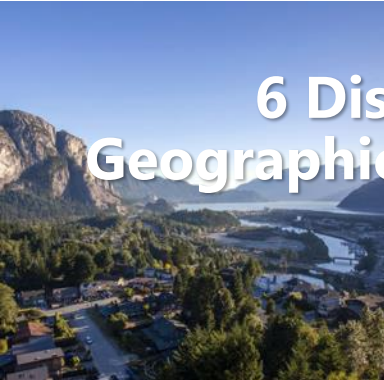
\$6.6
Billion annually
(+\$1 Billion increase in 2 years)



\$2.7 Billion seismic upgrades and school construction

Diversity in B.C.

6 Distinct Geographical Regions



Multicultural



STUDENTS

- ✓ 72,000 Indigenous
- ✓ 73,000 special needs
- ✓ 75,000 English/French language learners
- ✓ 6,300 children and youth in care



DISTRICT SIZES

Ranging from
154 to 73,639
students



SCHOOL SIZES

Ranging from
5 to 2,056
students

Urbanization

~ 67% of BC's
population lives in the
Lower Mainland or
Greater Victoria Region



139 Communities
with only one school



B.C. Student Education Outcomes: *The Educated Citizen*

B.C. Students Achieve Exceptional Education Outcomes

Intellectual Development

- *International Assessments (PISA)*
- *Completion (Graduation) Rates*

Human and Social Development

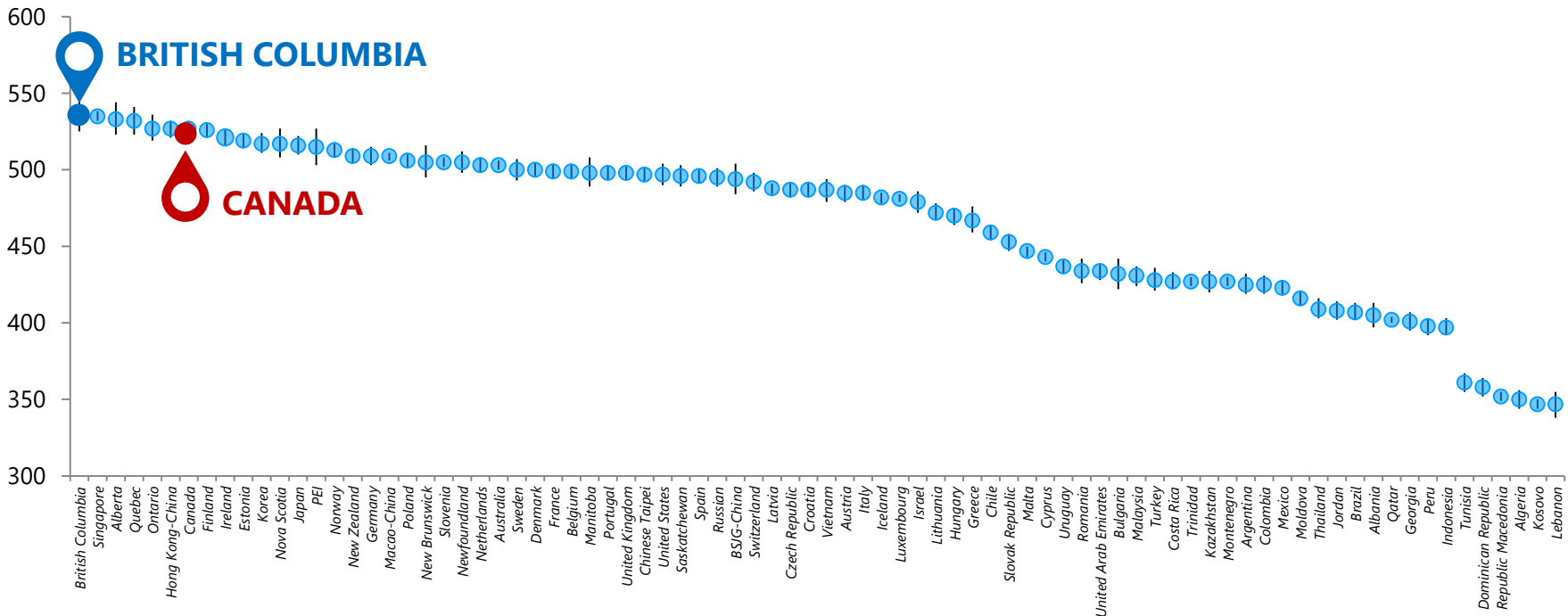
- *Engagement and Inclusion*

Career Development

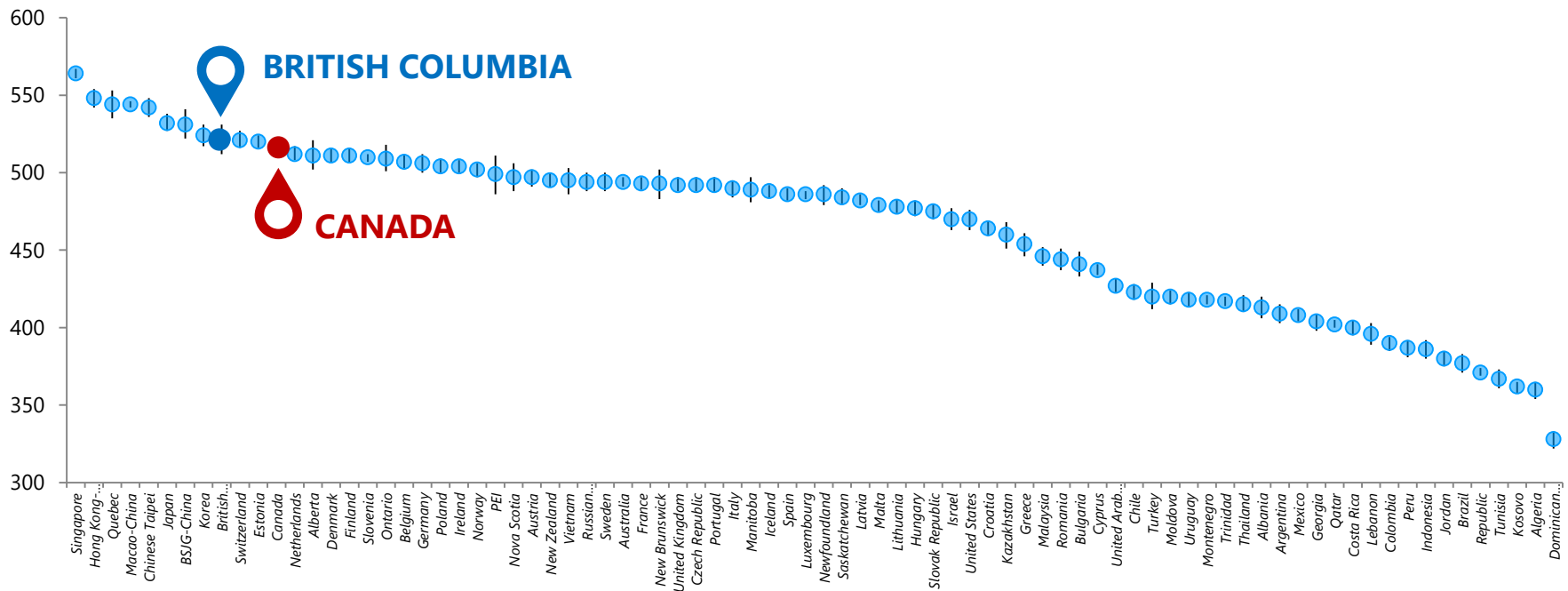
- *Transition Rate to post-secondary education*



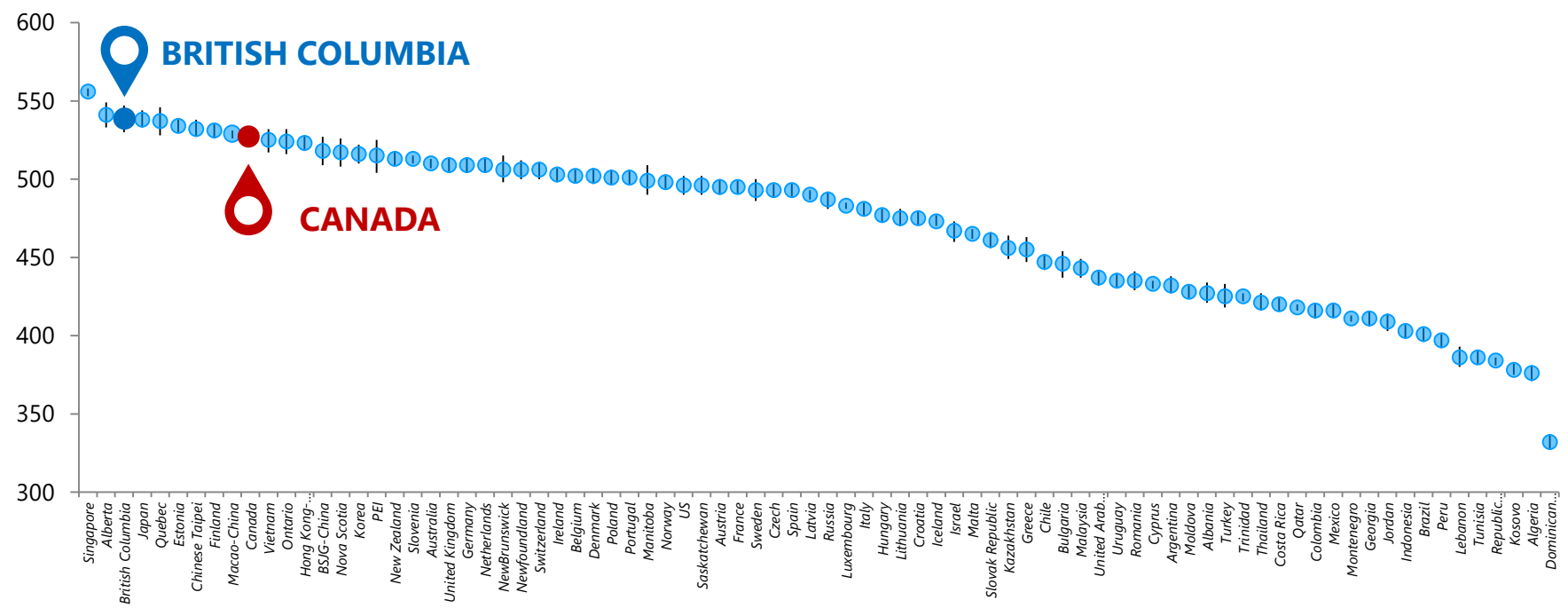
Reading Performance (PISA) – Mean Score (2015)



Mathematics Performance (PISA) – Mean score (2015)



Science Performance (PISA) – Mean score (2015)

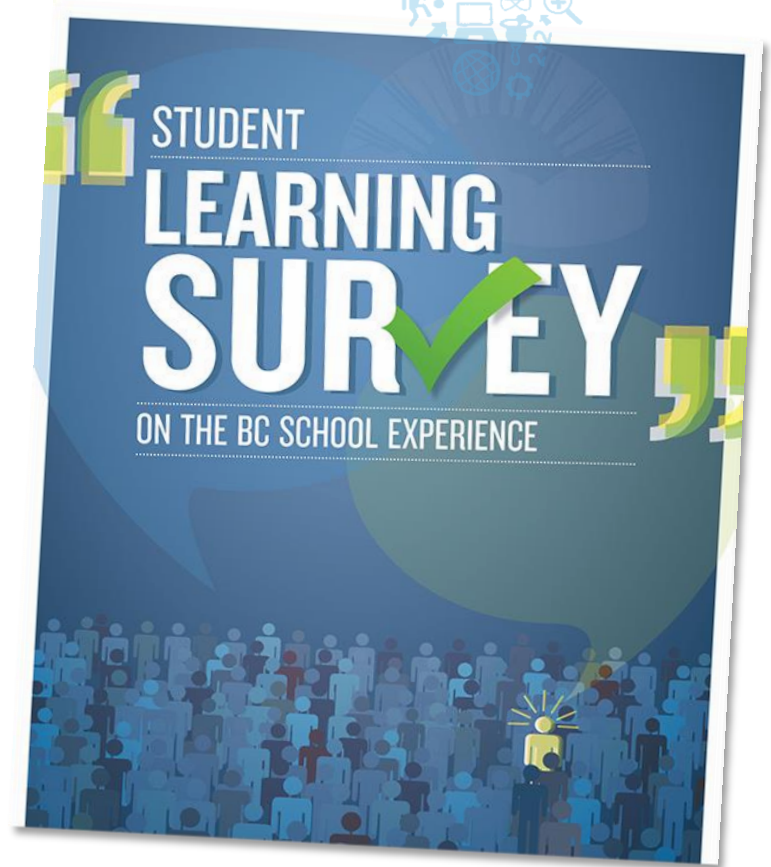


Human and Social Development



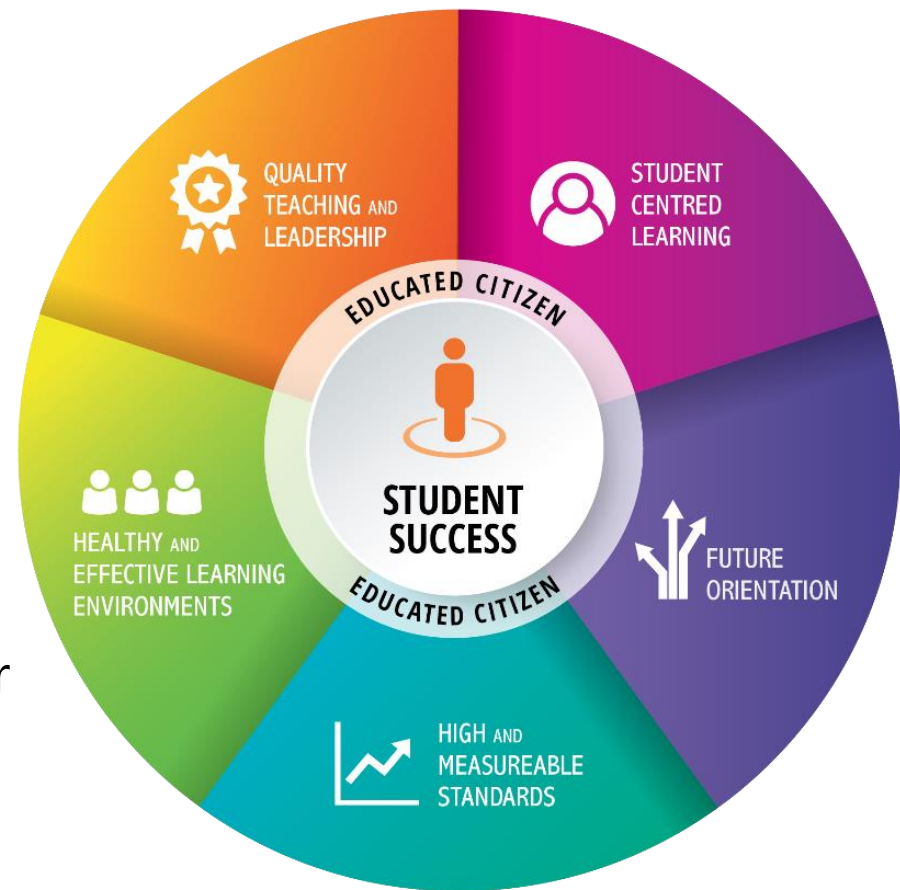
Student Learning Survey in British Columbia 2017/18

- **83%** of students felt that they respect people who are different from them
- **68%** of students felt welcome at their school
- **68%** of students believed that at least three adults care about them at their school



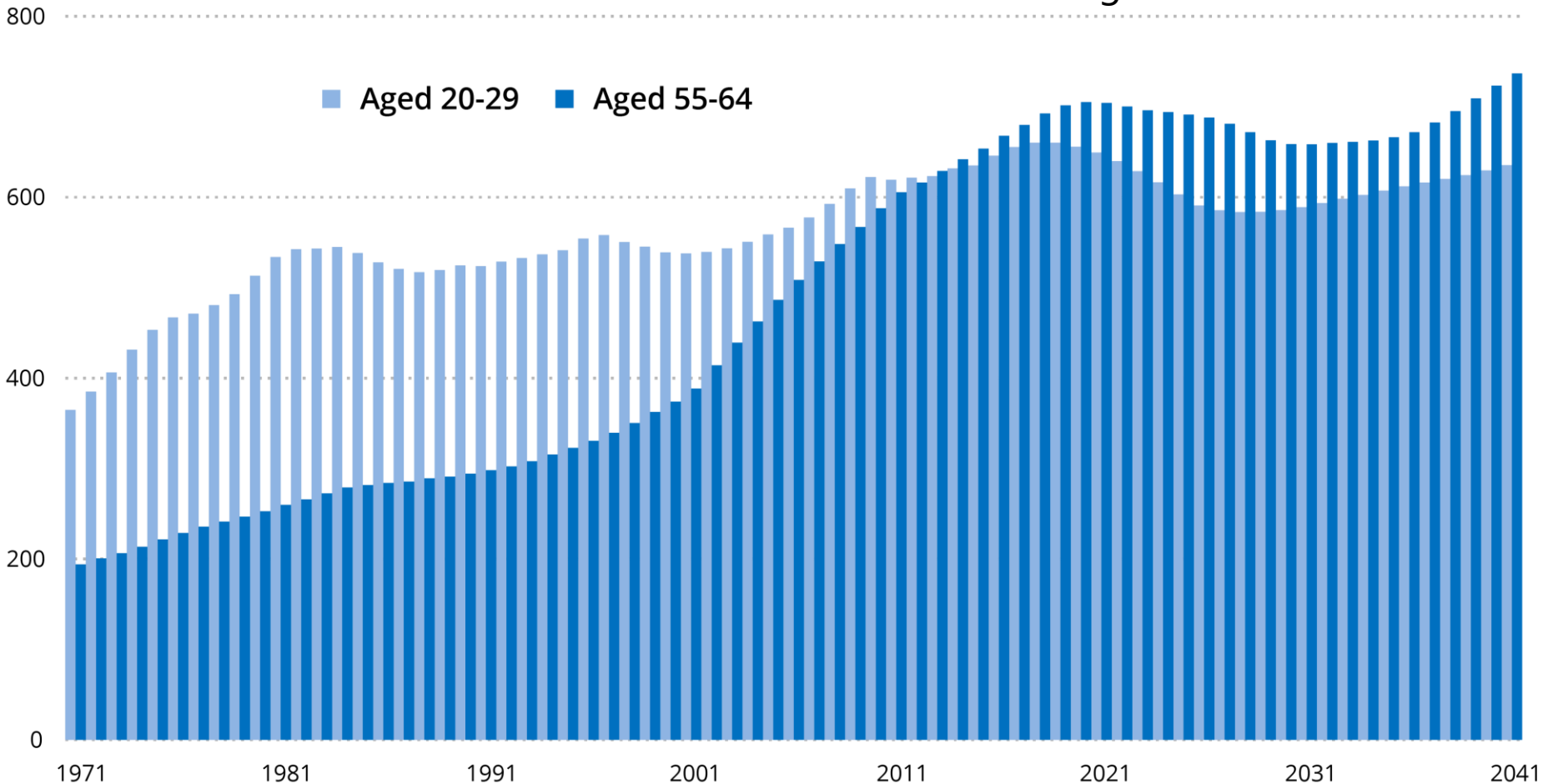
Future Orientation

- Students entering kindergarten this year will graduate in 2030 and retire around 2075.
- They will need to be **persistent in pursuing their education, embrace the use of technology and further develop essential skills targeted at meeting their potential.**
- Students will need to be prepared for graduation with practical expectations informed by employers and post-secondary institutions.



Demographics

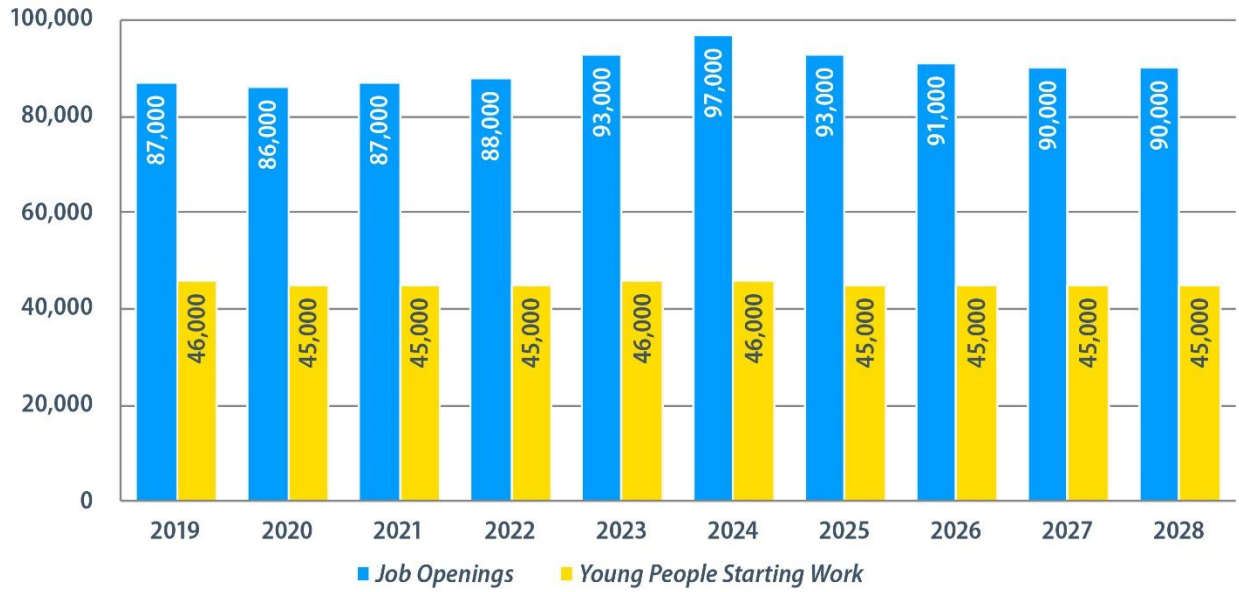
In B.C., we know **fewer young people** are entering the workforce
and **more older workers** are exiting



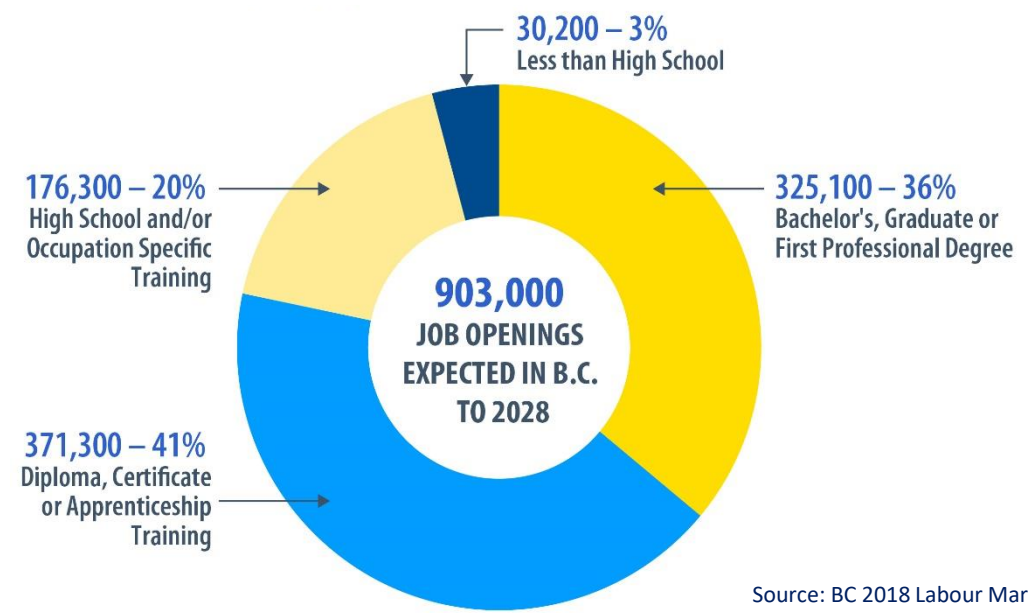
Source: BC Stats, Ministry of Advanced Education Skills and Training

Labour Market Outlook 2018

Young People Starting Work vs. Job Openings



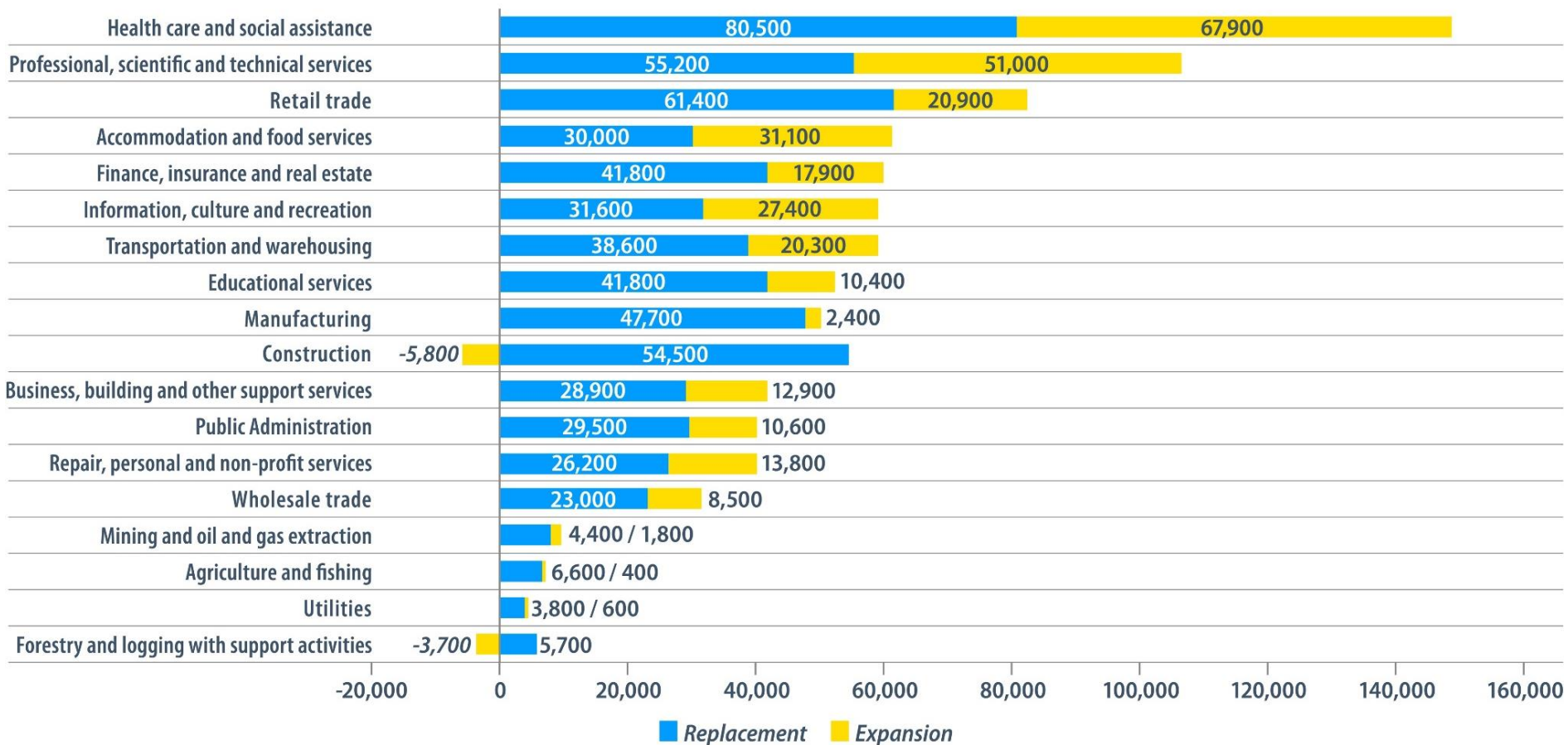
Projected Job Openings by Education Requirements



Source: BC 2018 Labour Market Outlook

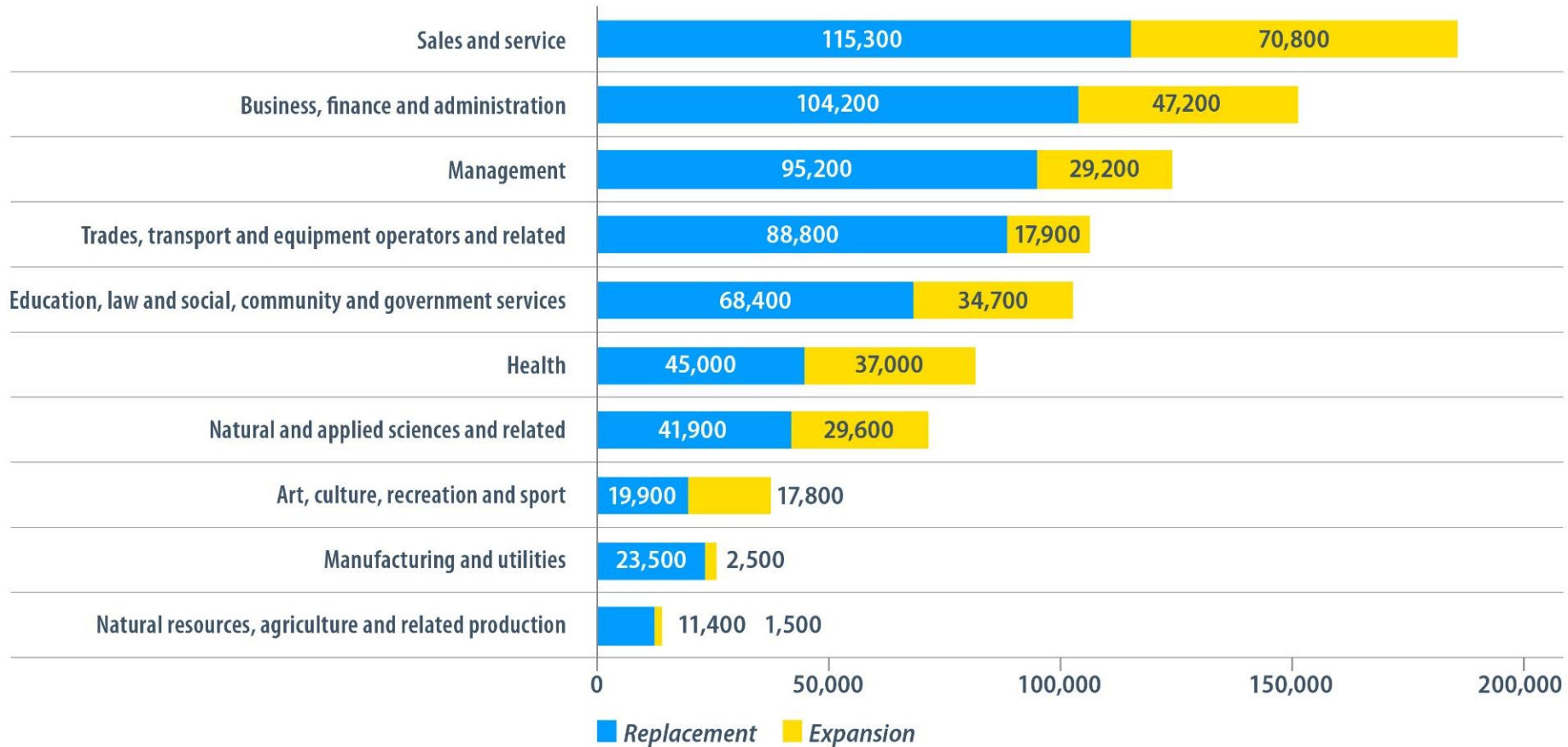
Labour Market Outlook 2018

Projected Job Openings by Industry

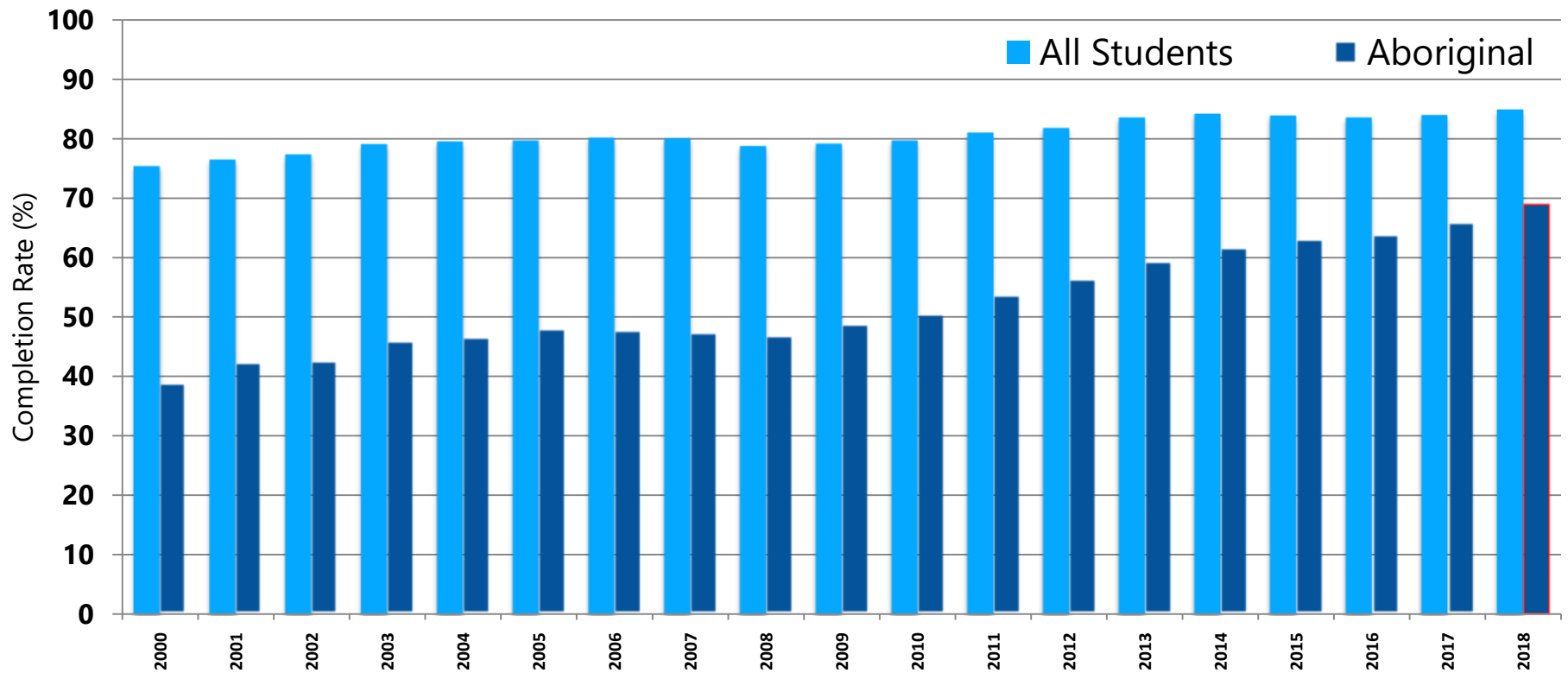


Labour Market Outlook 2018

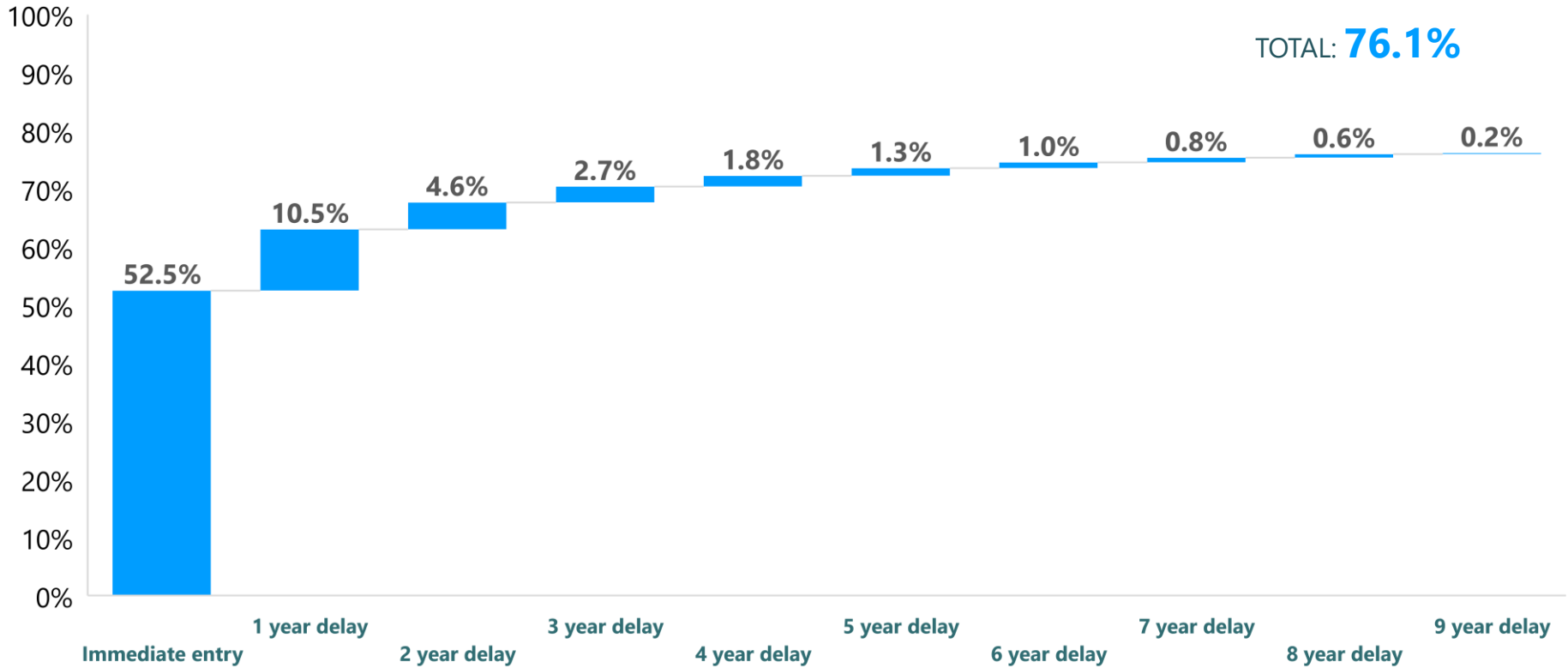
Projected Job Openings by Occupation Group



Completion Rates (Grade 8 + 6 years)

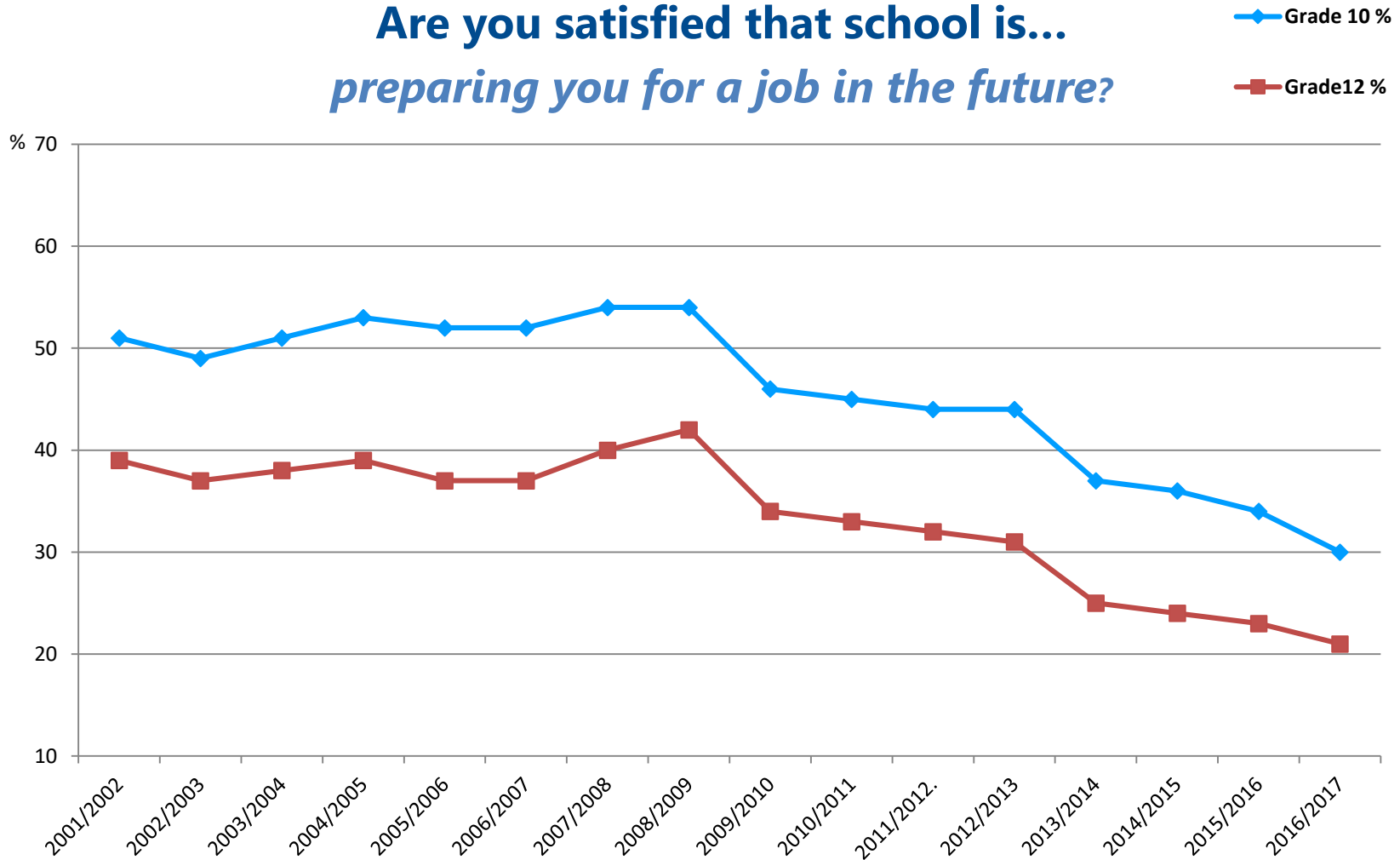


Transition to Post-Secondary



Student Learning Survey

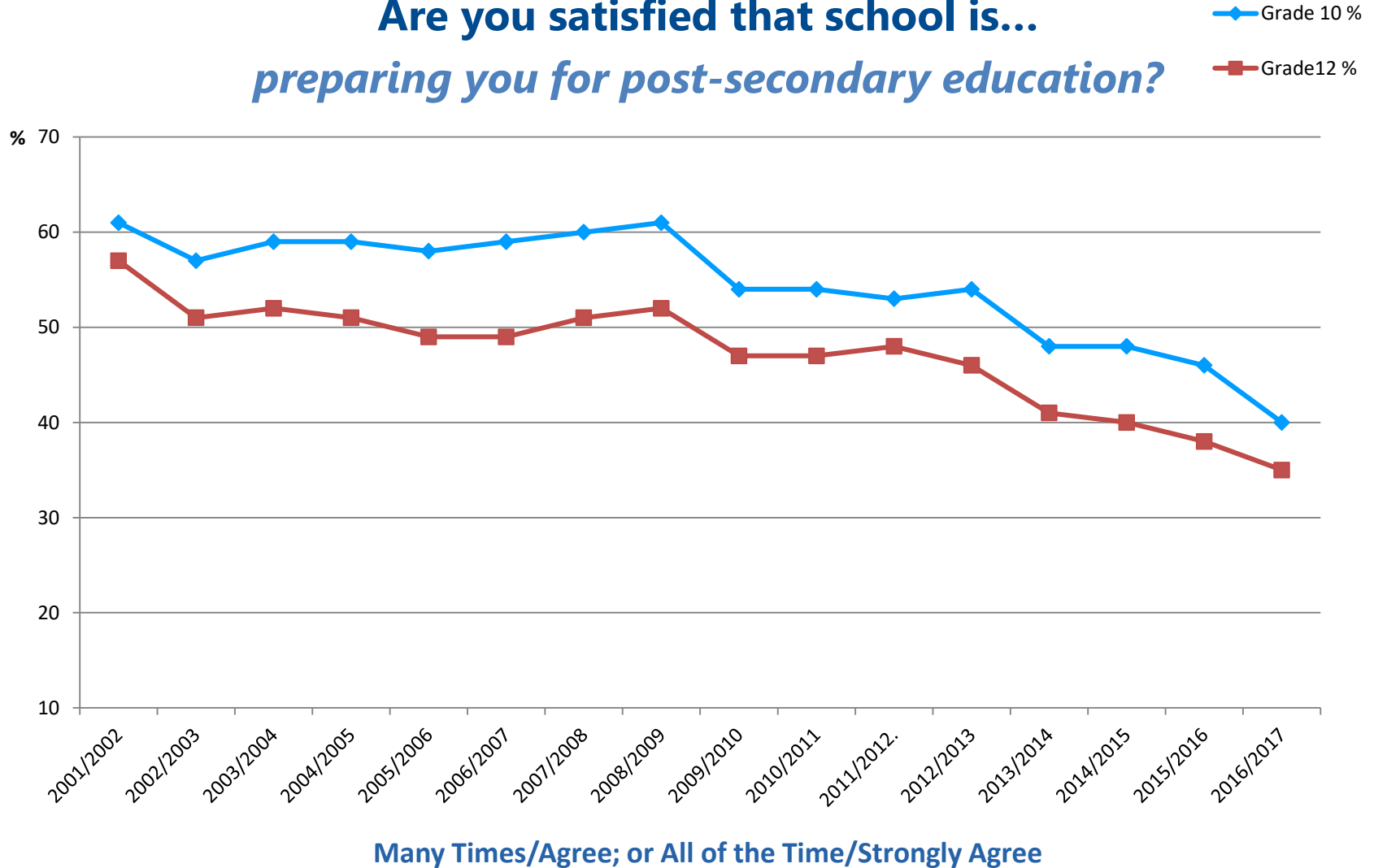
Are you satisfied that school is...
preparing you for a job in the future?



Many Times/Agree; or All of the Time/Strongly Agree

Student Learning Survey

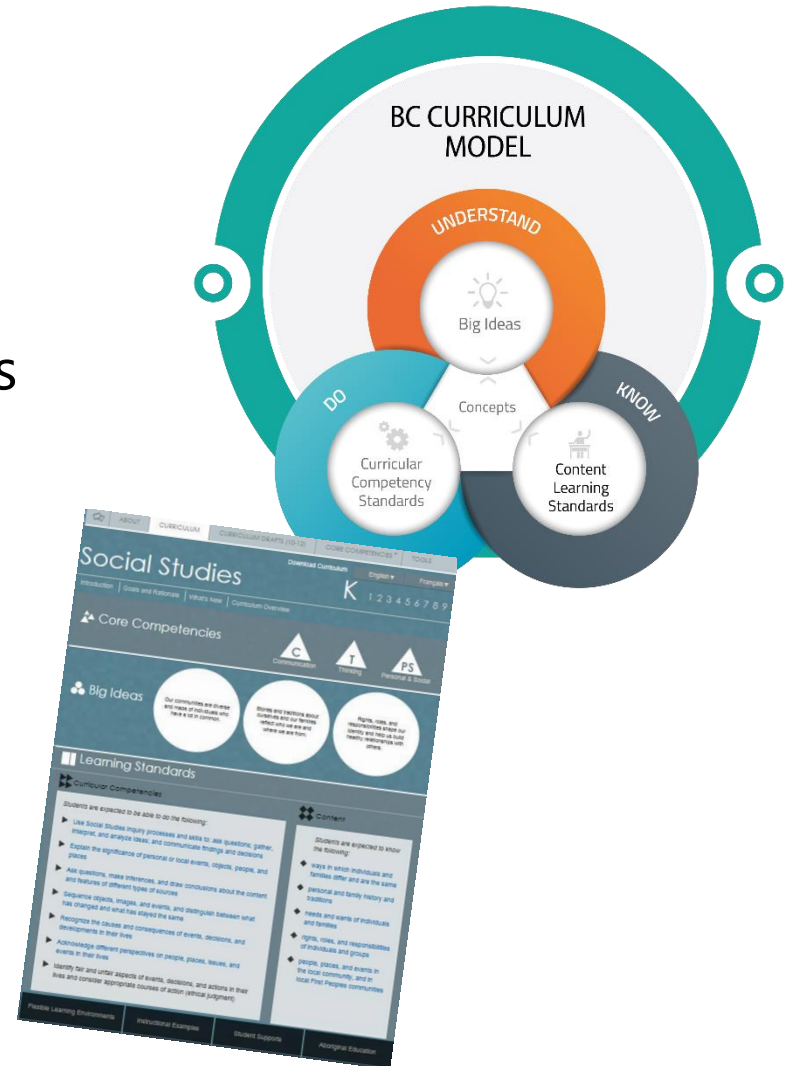
**Are you satisfied that school is...
*preparing you for post-secondary education?***



Curriculum Modernization

Modernization of whole system

- All grades and all subject areas
- Shift to competency based curriculum around 'big ideas'
- Know/Do/Understand Model
- All provincial assessments



New B.C. Graduation Program

1. B.C. is focused on ***student success*** with world leading outcomes.
2. Graduation matters. Students who graduate from high school experience better life outcomes and reduced dependency on government supports.
3. Modernizing our graduation program will enable ***all students*** to succeed.
4. B.C. government has accountability for ensuring confidence in our education system.

Graduation Requirements

What's not changing

High and measurable standards

- ✓ Current 80 credits (20 courses) to graduate:
 - 52 required credits (13 courses)
 - 28 elective credits (7 courses)
- ✓ Reporting policy
 - letter grades and percentages

What is changing

Better prepare students with literacies and competencies the future requires

- ✓ Updating curriculum in all subjects and courses
- ✓ Adding three mandatory assessments: Numeracy in Grade 10 and Literacy in Grades 10 and 12

Better prepare students for transition to post-secondary and careers

- ✓ Adding two new required Career Education Courses (8 credits)
- ✓ Developing new Careers Strategy



Career Learning

Career Courses

- Career-Life Connections (CLC) includes 30 hours of work experience; Career-Life Education (CLE); Capstone

Explore Sampler Program

- Skills Exploration 10–12 includes modules such as Electronics & Robotics, Design & Drafting, Metalwork

Explore Trades Sampler

- Better track WEX to understand student choice and LMI linkages

Apprenticeship Training

- Youth Work in Trades, Youth Train in Trades

Post-Secondary Courses for Credit

- Funded if they are part of the school-aged student's planned programs of study leading to graduation

Work Experience Electives

- WEX 12 A/B = 120 hours per course (4 credits each)

Careers Strategy

Vision

Prepare all students with Skills, Competencies and Attitudes to attain their career objectives

Skills

- *Students acquire transferable skills for successful transition to post-secondary education and the workplace, and for throughout their careers*

Competencies

- *Students can think creatively, communicate effectively, and are personally and socially competent*

Attitudes

- *Students demonstrate workplace habits through effective working relationships and teamwork*

Goal

Each student is prepared to maximize their potential and attain their career objectives

Careers Strategy

What can government, schools, post-secondary institutions, employers, and others do, individually and collectively, to help prepare students **with the skills, competencies, and attitudes *they need to attain their career objectives?***