

Cost Estimates for Job creation numbers from BC Stat

Note: Land acquisition costs and contingencies were excluded from the estimates used to calculate employment impacts.

<u>BC Stats Comments</u>	<u>Post Secondary Institution</u>	<u>City</u>	<u>Project Name</u>	<u>CPO</u>	<u>Complete</u>	<u># Direct Jobs</u>	<u># Indirect Jobs</u>
The number of indirect jobs exceeds direct employment for this project, largely because construction costs account for less than half of total estimated expenditures. About half of the indirect jobs are in industries such as engineering and design, reflecting the significant planning and design component, and high completion costs, which were assumed to be a combination of electrical equipment and other costs such as insurance.	BC Institute of Technology	Burnaby	Canada Way Electrical Service Replacement ¹	KK	N	53	95
Assumed to be a renovation project. Labour typically represents a larger share of total costs for repair and renovation projects.	Justice Institute of BC	Pitt Meadows	Driver Education Centre	DP	N	2	1
Assumes that roughly 45% of the construction cost is roofing materials, 10% is overhead, while labour and operating surplus account for about 45% of the cost.	Justice Institute of BC	New Westminster	JIBC Roof Replacement	DP	N	7	3
Assumed to be a renovation project. Labour typically represents a larger share of total costs for repair and renovation projects.	Kwantlen Polytechnic University	Surrey	Spruce Building Refurbishment	DP	N	99	50
Assumes that roughly 45% of the construction cost is HVAC-related materials, 10% is overhead, while labour and operating surplus account for about 45% of the cost.	Langara College	Vancouver	Energy Efficient/Variable Air Volume (VAV) with Integrated Building Controls Fan Retrofit (“Building A”)	MW	N	10	4
Assumed to be a new construction project.	Nicola Valley Institute of Technology	Merritt	Center of Excellence in Sustainability - Green Technology	DP	N	36	21
Assumed to be a new construction project.	Okanagan College	Vernon	Trades Training Facility (Vernon)	KK	N	25	13
Assumed to be a new construction project.	Royal Roads University	Victoria	Centre for Environmental Science & International Partnership	CW	N	73	52
Assumed to be a new construction project.	University of British Columbia	Kelowna	Okanagan Teaching and Learning Centre	CW	N	116	90

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BC Stats Comments	Post Secondary Institution	City	Project Name	CPO	Complete	# Direct Jobs	# Indirect Jobs
Assumed to be a new construction project.							
	University of British Columbia	Kelowna	Environmental Sustainability Projects for Research Infrastructure, Okanagan Campus	CW	N	21	13
Assumed to be a new construction project. Land acquisition cost excluded as there are no associated jobs. Planning and design represents a higher-than-average share of total estimated cost, which is why the number of indirect jobs is relatively high.	University of Northern BC	Prince George	Centre for Multidisciplinary Research on Large-Scale Wood Construction (Structures Laboratory)	CW	N	15	11
Assumed to be a new construction project.							
	Vancouver Island University	Nanaimo	Marine, Automotive and Trades Complex Expansion	MW	N	77	47

*Completion Costs include, but are not limited to: furniture and equipment; building permits; legal and insurance; and building commissioning.

Cost Estimates for Job creation numbers from BC Stat

<u>Planning and Design</u>	<u>New Construction/</u>					
<u>Fees</u>	<u>Renovation</u>	<u>Contingencies</u>	<u>Completion Costs*</u>	<u>Taxes</u>	<u>Total</u>	<u>Comments</u>
\$	s.17				46,900,000.00	
\$	s.17			\$	392,003.06	
\$	s.17				1,544,002.51	
\$					22,100,000.00	
\$					2,200,000.00	
\$					8,926,000.00	
\$					6,212,895.00	s.17
\$					21,494,000.00	
\$	s.17				35,000,000.00	

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<u>Planning and Design</u>	<u>New Construction/</u>					
<u>Fees</u>	<u>Renovation</u>	<u>Contingencies</u>	<u>Completion Costs*</u>	<u>Taxes</u>	<u>Total</u>	<u>Comments</u>
s.17					s.17	
\$					5,650,000.00	
\$					5,100,000.00	
\$					20,988,100.00	

Memorandum of Understanding

DATE: June 23, 2015

Project #: M16BCStats-17

Fiscal Year: 2015/2016

Author: Marti Lea Thib

Between:

Her Majesty the Queen in right of the Province of British Columbia, represented by the Minister of Technology, Innovation and Citizens' Services, BC Stats

("BC Stats")

And:

Her Majesty the Queen in right of the Province of British Columbia, represented by the Minister of Advanced Education (AVED)

("Client")

RE: BC Student Outcomes 2015/2016

Terms of Reference

This Memorandum of Understanding ("MOU") outlines the service contract relationship between BC Stats and the Client. The following documents form part of this MOU:

- This MOU letter agreement signed by the parties;
- Schedule A: Client Financial Information (attached);
- Schedule B: MOU Terms and Conditions (attached).

Project tasks and costs are based on the scope of work as understood by BC Stats as of the date of this MOU. Any changes to the scope of the work should be discussed by both parties and finalized in an amendment to this MOU subject to approval by both parties in writing.

This MOU may be executed in counterparts and delivered by facsimile transmission or email with a scanned PDF attachment.

Overview

Background

In conjunction with other key data collection projects, BC Student Outcomes provides policy makers with a comprehensive picture of the B.C. public post-secondary education system: how students transition from one education stage to the next; and how they move from education to today's knowledge-based economy. British Columbia has a diverse education system and the B.C. ministries of Education and Advanced Education (AVED) and the B.C. public post-secondary education institutions maintain a number of administrative systems to track student enrolment and achievements from the K–12 system and the public post-secondary system. The Student Outcomes program provides insight directly from the former students about their transitions to the labour market and further education.

Purpose

The purpose of BC Student Outcomes is to collect data from former students about their post-secondary education experience. Information collected includes students' satisfaction with their educational experiences, further education, and labour market outcomes. The findings serve to:

- ensure sound and reliable data for post-secondary policy development and accountability,
- provide information for program evaluations and educational planning,
- help assess the success of the post-secondary education system, and
- guide educational choices for future students.

Details

BC Student Outcomes consists of three annual outcomes surveys:

- The BC Diploma, Associate Degree, and Certificate Student Outcomes (DACSO) Survey
- The Baccalaureate Graduates Survey (BGS) 2-year-out
- The BC Apprenticeship Student Outcomes (APPSO) Survey

To ensure accountability for post-secondary education in British Columbia's diverse system, it is important to maintain processes that provide timely, relevant, and accessible information about the outcomes achieved by former students and the value of their studies. BC Student Outcomes supports key performance indicators, which are used by AVED to assess the effectiveness of the post-secondary education system.

The public post-secondary institutions and system agencies, such as the BC Council on Admissions and Transfer and the Industry Training Authority, also use the BC Student Outcomes Project to improve the quality of post-secondary education in the province. The data are used by the participating institutions for program evaluation, student assessments of their learning and skills development, evaluation of teaching, determining student services, and assessing the demand for future programs.

The findings from these surveys provide current data on the participation and overall success of underrepresented students, including Aboriginal learners, persons with disabilities, and immigrants. The

surveys also offer valuable insight into the financial issues facing students including the cost of post-secondary education, the number of former students relying on student financial assistance or credit card debt, and other financial challenges associated with post-secondary education.

BC Student Outcomes allows users of the data to quickly assess the extent to which the B.C. post-secondary system is meeting the needs of students and the demands of the BC labour market, providing insight into B.C.'s ability to compete in the twenty-first century. The findings provide information on how "new entrants" enter the economy and how smooth their transition is based on their program decisions and experience. Data from BC Student Outcomes provides critical information on labour force participation rates, which will be used to support occupational projections and strategic modelling of new entrants. The *BC Post-Secondary Supply Model (PSSM)* and *Education Planner* rely on BC Student Outcomes data.

BC Student Outcomes ensures that future students and parents of future students have timely information about post-secondary programs, the relationship between programs of study and occupational success, and career success in B.C.'s dynamic labour market. These data support positive educational outcomes and career decisions.

The surveys:

The Student Outcomes survey cycle occurs over three years. Planning for each cycle begins in the fall, data collection and data distribution occur throughout the next year, and analysis and reporting for publications are completed in the third year.

Efficiencies are gained through system-wide participation in the surveys. Twenty-five public post-secondary institutions participate in each survey cycle and over 25,000 students are surveyed by one of the three annual surveys:

- The BC Diploma, Associate Degree, and Certificate Student Outcomes (DACSO) Survey targets former diploma, associate degree, and certificate students approximately 9 to 20 months after they leave their programs of study. The survey is conducted from January to July.

- The Baccalaureate Graduates Survey (BGS) contacts graduates two years after graduation. The survey is conducted from September to the following January.

- The Apprenticeship Student Outcomes (APPSO) Survey includes all former students who completed the final year of their apprenticeship training at a B.C. post-secondary institution (public and private) in the previous year. This survey is in the field from January to May.

Assumptions

BC Student Outcomes will be overseen by the AVED, the British Columbia Student Outcomes Research Forum, and the BGS Steering Committee. The Forum and the BGS Steering Committee will guide the program, including survey instrument content, cohort definitions, data collection processes, and reporting. The Forum, in consultation with BC Stats, determines budget priorities.

BC Student Outcomes Survey	Approximate Cohorts	Estimated Response Rate	Participating Institutions	Additional Stakeholders
DACSO (graduates and near completers) <i>Mixed mode—web and telephone</i>	28,000	52%	19 public post-secondary institutions	<ul style="list-style-type: none"> • B.C. Council on Admissions & Transfer • Career planning through Career Cruising and Education Planner • Ministry of Jobs, Tourism and Skills Training
BGS (2-year-out) (graduates only) <i>Mixed mode—web and telephone</i>	21,000	44%	19 public post-secondary institutions	<ul style="list-style-type: none"> • Research Universities' Council of British Columbia. • Ministry of Jobs, Tourism and Skills Training
APPSO (graduates only) <i>Mixed mode—web and telephone</i>	6,000	52%	45 post-secondary institutions (private and public)	<ul style="list-style-type: none"> • Industry Training Authority • Ministry of Jobs, Tourism and Skills Training
Total	55,000	49%		

BC Stats' Accountabilities

Under the Open Government initiative, BC Stats will continue to work with AVED, the BC Student Outcomes Research Forum, and the BGS Steering Committee to explore opportunities that will make available information in the required formats.

Project Management <ul style="list-style-type: none"> • Develop the annual plan and budget; monitor budget spending • Monitor program lifecycle and track deliverables
Liaise and communicate <ul style="list-style-type: none"> • Establish a communications strategy to keep AVED, the Forum, BGS Steering Committee, and participating post-secondary institutions, informed of progress. This strategy will ensure a level of detail appropriate for the size of the program and within the funding limitations of the overall budget. • Maintain and improve processes for receiving direction from Forum committees. • Establish procedures for swift decision-making to implement change.
Management of personal information <ul style="list-style-type: none"> • Ensure stakeholders are aware of the information sharing agreements that are in place with AVED and ITA, and the participating post-secondary institutions. • Ensure that all people working on Student Outcomes are aware of and comply with relevant legislation for privacy protection (<i>FOIPPA</i>, the <i>Statistics Act</i>), the Outcomes information sharing agreements, and the Privacy Impact Assessment.
Data collection contracts <ul style="list-style-type: none"> • Negotiate and prepare data collection contracts • Liaise and communicate with data collection contractor throughout data collection cycle • Negotiate and prepare other contracts as requested or needed
Questionnaire Development <ul style="list-style-type: none"> • Manage annual questionnaire reviews, maintain question rotation schedule, and monitor synchronization of the surveys • Liaise with the data collection contractor and review the programming of the telephone and online versions of the surveys
Cohort Submission and Validation <ul style="list-style-type: none"> • Conduct annual review of cohort specifications and prepare cohort submission requirements document for institutions and ITA • Receive cohorts and provide detailed audit reports to institutions • Conduct annual program coding reviews • Liaise with the data collection contractor and prepare cohort files for their use
Data validation <ul style="list-style-type: none"> • Receive raw survey data from data collection contractor; validate and clean survey data • Create derived indicators and code open-ended responses • Load survey data into Oracle database; update and maintain database

<p>Data Dissemination (through reporting tools)</p> <ul style="list-style-type: none"> • Develop and maintain tools for public (Dashboard) and stakeholders • Release data through pivot tables and flat files for authorized users • Prepare and release data sets, including performance measures, to institutions and AVED • Prepare help documentation, including CIP/CPC crosswalk and questionnaire summaries
<p>Reporting and Analysis</p> <ul style="list-style-type: none"> • Produce annually: template reports for BGS, full reports of findings for APPSO and BGS, an information paper for DACSO, and The Highlights, which uses data from all the annual surveys • Produce special reports as requested • Produce fact sheets, technical reports, or other publications as requested and as budget permits • Liaise with Forum committees
<p>Stakeholder Support</p> <ul style="list-style-type: none"> • Refresh and maintain website for stakeholders and the general public • Develop and maintain SharePoint site for stakeholders • Prepare special datasets and respond to inquiries as requested

BC Stats has Section 12 Information Sharing Agreements in place with the participating institutions. These agreements specify the disclosure of data and the responsibilities of BC Stats and the participating institutions. Similar agreements exist between BC Stats and AVED and between BC Stats and ITA.

Client's Accountabilities

1. AVED will participate in the BC Student Outcomes Research Forum as Co-Chair and as an active member, attending full Forum meetings and all Management Team meetings.
2. AVED will participate on the Communications Team of the Forum, to offer topic suggestions and approval, to review and edit drafts of papers and reports, and to give approval to release. Approval to release a publication includes an assurance that AVED GCPE has reviewed it.
3. AVED will sign the annual MOU, including a review and approval of the annual Plan, confirm the Province's funding, and participate in budget planning as required.

Timeline and Milestones

The final reporting on the 2014 survey cycle, the data collection and distribution for the 2015 cycle, and a substantial portion of the 2016 survey cycle will be completed in the 2015/16 fiscal year. See Section 4: Schedule in the attached Plan for the 2015 Survey Cycle.

Communication

BC Stats will communicate with AVED and the Forum on a regular basis to finalize the current plan, deliverables schedule, questionnaire content, cohort specifications, and reporting requirements. In particular, the development and production of all publications will be discussed with AVED.

Cost and Terms of Payment

The total cost of the project is \$1,222,100, provincial funding is expected to be \$1,097,700. Please see the attached detailed project plan and budget, which was approved at the BC Student Outcomes Research Forum meeting on June 18, 2015.

Agreement

This MOU is agreed to by the parties, as evidenced by the signatures of the undersigned on each party's behalf:

Jacqui Stewart, Executive Director
Post-Secondary Audit and Accountability
Sector Strategy and Quality Assurance
Ministry of Advanced Education

BC Stats
Elizabeth Vickery
Executive Director
Ministry of Technology, Innovation and Citizens'
Services

Date

Once this MOU has been signed and the Schedule A is completed, please mail or email this document to:

Margaret Johnson, Manager, Business Operations
Strategic Support Services/BC Stats
Ministry of Technology, Innovation and Citizens' Services
Mailing address: P.O. Box 9410 Stn. Prov. Gov't, Victoria BC V8W 9V1
Location address: 2nd Floor, 563 Superior Street, Victoria, BC V8V 1T7

Phone: 250-387-9062

Email: margaret.johnson@gov.bc.ca

Schedule A: Client Financial Information

Contact information (if different from spending authority)

Name: _____
Phone: _____
Fax: _____
Email: _____

BC Government ministry (or equivalent)

Ministry:

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Resp. center:

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Service Line:

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STOB:

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Project:

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Organizations external to the BC Government (Crown Corporation, Health Authority, etc.)

Contract number:

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GST registrant number:

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Schedule B: MOU Terms and Conditions

General Terms and Conditions

The following terms and conditions arise from the character of BC Stats as a public institution that must operate transparently and in conformity with the provisions of provincial legislation, notably, but not exclusively, the *Statistics Act*, and the *Freedom of Information and Protection of Privacy Act* (“FOIPPA”). The principal objective of BC Stats in undertaking sponsored projects is to increase the range and depth of statistical information on British Columbia’s population, society, and economy available to policy makers and the public.

Ownership and Licensing

Unless otherwise agreed between the parties in writing, BC Stats will be the owner of all rights, including intellectual property rights, in and to any documents, survey questions or other materials produced pursuant to or for the purposes outlined in this MOU; the information and data obtained from respondents pursuant to this MOU (the “**Responses**”); and any documents, reports, analyses, data products or other materials, including any Aggregated Data (defined below), produced by BC Stats from the Responses. BC Stats hereby grants to the Client a non-exclusive, worldwide, perpetual, irrevocable and royalty-free license to use, reproduce, modify and create derivative works from the Aggregated Data (defined below) in order to create, publish and distribute documents, reports, analyses, data products or other materials (collectively, the “**Client Works**”). The Client hereby grants to BC Stats a non-exclusive, worldwide, perpetual, irrevocable, and royalty-free license to use, reproduce, modify, and create derivative works from the Client Works.

Reciprocal Recognition

BC Stats and the Client will recognize each other’s contribution in any significant public communications.

Disclosure of Aggregated Data and Data Confidentiality Under the *Statistics Act*

BC Stats will compile and provide the Client with aggregated data derived from the Responses that has been combined without personal identifiers for categorical or summary analysis (the “**Aggregated Data**”), as set out in this MOU. For greater certainty, BC Stats will not include as part of the Aggregated Data any information that could relate the particulars obtained from an individual Response to an identifiable individual person, business, or organization.

Unless otherwise stipulated in a separate agreement under the data-sharing provisions of the *Statistics Act*, all information, including information that can identify or potentially identify respondents and their individual information will not be disclosed by or to the Client unless the requisite consent for such disclosure has been obtained.

Unless otherwise stipulated in this MOU that the data must be destroyed or deleted within a set timeframe or upon project completion, all information that has been provided to BC Stats by the Client, including information that can identify or potentially identify respondents and their individual information, will, in accordance with BC Stats' internal policies and the *Statistics Act*, remain in the possession or under the control of BC Stats, and will not be divulged outside BC Stats.

Information Sharing Agreement under FOIPPA

In most cases, an Information Sharing Agreement that documents the terms and conditions of the exchange of personal information between BC Stats and the Client must be approved and signed to ensure compliance with the provisions of the *Freedom of Information and Protection of Privacy Act* and any other applicable legislation. Any Information Sharing Agreement must be signed before the project commences.

Information Sharing Agreement under Section 12 of the Statistics Act

If required, the *Statistics Act* allows BC Stats to share unscreened micro data with the Client if a 'Section 12' Information Sharing Agreement between BC Stats and the Client has been approved and signed by the Minister of Technology, Innovation and Citizens' Services and the Client's equivalent, and/or the requisite consent has been obtained from respondents. Any 'Section 12' Information Sharing Agreement must be signed before the project commences.

Record Linkage

Linkages between sponsored projects and other data sources at the level of individual personal records may be conducted in conformity with BC Stats' policies and procedures and FOIPPA. Project respondents must be informed of any linkage plans at the time of collection.

Public Dissemination of Project Results

Results of sponsored projects remain protected and may not be disseminated to third parties or the public by BC Stats or the Client, until officially released. The official release date will be established jointly by the parties, but must not unreasonably delay release of finalized results. If agreed to by BC Stats, the Client may involve third parties in quality assurance of data or in peer review of analytic text. Persons under contract to the Client are deemed to be equivalent to the Client and to have the same rights and obligations as set out in this MOU.

BC Stats will consult with the Client on the development of communications materials to be used at the time of official release. If requested by the Client, BC Stats may identify the Client, as a contact in any public communications at the time of release.

Retention of Records

Unless agreed to by the parties and specified in this MOU, BC Stats ordinarily retains information, files, and records for a period of seven years from date of origin. It is understood, however, that BC Stats, unless specifically agreed to the contrary, is not obligated in any way to retain such files and records for any specific period and may dispose of them at such time and in such manner as it may determine appropriate.

Renewal of Agreement

This agreement may be renewed with the mutual agreement of the parties in writing.

Termination

Either party may terminate this MOU at any time by giving 60 days' written notice to the other party. Unless otherwise agreed, the Client will compensate BC Stats for any work completed up to the effective date of termination.

Amendments

No amendments to this MOU or waiver of any of its terms and conditions shall be valid unless effected in writing and signed by both parties.

Entire Agreement

This MOU constitutes the entire agreement between the parties with respect to the subject matter of this MOU and supersedes all previous negotiations, communications, and other arrangements whether verbal or in writing relating to it unless they are incorporated by reference in this MOU.

Plan for the 2015 Survey Cycle

For BC Student Outcomes:

Diploma, Associate Degree, and Certificate Student Outcomes Survey
Baccalaureate Graduates Survey
Apprenticeship Student Outcomes Survey

Prepared for:

The Ministry of Advanced Education
and the
BC Student Outcomes Research Forum

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1.0 Background

BC Student Outcomes is a partnership among public post-secondary institutions, the ministry responsible for post-secondary education, and associated system agencies. Representatives from these organizations constitute the BC Student Outcomes Research Forum (Forum).¹ The BC Student Outcomes program collects information from former students through annual surveys. Information collected includes evaluation of their education, experiences with further studies, and labour market outcomes.

The 2015 Student Outcomes program consists of three student outcomes surveys:

- The BC Diploma, Associate Degree, and Certificate Student Outcomes (DACSO) Survey
- The Baccalaureate Graduates Survey (BGS)
- The BC Apprenticeship Student Outcomes (APPSO) Survey

Since 1988, the BC Diploma, Associate Degree, and Certificate Student Outcomes (DACSO) Survey² has been used to collect information about former students' post-secondary experiences and their labour market and educational transitions.

Since 1995, the Baccalaureate Graduates Survey (BGS) has collected information from degree graduates of B.C.'s public universities. In 2006, the survey expanded to include baccalaureate graduates from all public degree-granting institutions: research universities, special purpose and teaching universities, colleges, and institutes. Former students are asked about their experiences post-graduation and to evaluate their programs of study.

Since 2005, the BC Apprenticeship Student Outcomes (APPSO) Survey has collected outcomes and evaluative information from former apprenticeship students, who trained with public or private apprenticeship training providers. To provide insight into the apprenticeship experience, former students are asked to rate aspects of their in-school and workplace training, evaluate the usefulness of the knowledge and skills they gained, indicate their level of satisfaction with their training, and describe their post-training employment.

The findings from the Student Outcomes surveys are used to:

- ensure sound and reliable data for post-secondary policy development and accountability;
- provide timely and relevant information for program evaluations and educational planning; and
- provide information for new, continuing, and prospective students to help them make informed decisions about their personal and economic futures.

¹ See the Appendix for a list of the institutions and organizations represented on the Forum.

² Formerly the BC College and Institute Student Outcomes Survey.

2.0 Summary

The Ministry of Advanced Education (AVED), the BC Student Outcomes Research Forum (Forum), and the Research University Council of BC all contribute to BC Student Outcomes. The Forum provides guidance on all aspects of the program, including issue and change management, survey instrument content, cohort definitions, data collection processes, and analysis and reporting. The Forum comprises representatives from each of B.C.'s public post-secondary institutions, AVED, and various system agencies and associations. AVED is the primary funder of BC Student Outcomes; additional funding and resources are provided by the Industry Training Authority (ITA), and the participating institutions.

BC Stats has been commissioned by AVED, the Forum, and participating institutions to manage the province-wide surveys of students who have left degree, diploma, associate degree, certificate, or apprenticeship programs. BC Stats is responsible for all deliverables as well as day-to-day operations.

In the DACSO Survey, outcomes data are collected from former diploma, associate degree, and certificate students approximately 9 to 20 months after they leave their programs of study. Nineteen B.C. public post-secondary institutions are participating in the 2015 DACSO survey, and approximately 28,000 former students are eligible.

The Baccalaureate Graduates Survey targets former students who have been graduates for two years; they participate in the survey anywhere from 21 to 33 months after leaving their studies. Approximately 22,000 former students from the majority of B.C.'s public post-secondary institutions will be eligible for the 2015 survey of 2013 graduates.

The 2015 APPSO Survey includes all former students (approximately 6,000) who completed the final year of their apprenticeship training at a B.C. post-secondary institution (14 public institutions and 31 private institutions).

The final survey data are distributed in several different formats to meet the information needs of AVED, the Forum, the participating institutions, ITA, system agencies, such as the BC Council on Admissions and Transfer (BCCAT), and other outcomes data users, such as instructors, students, counsellors, and parents.

3.0 Scope

3.1 Inclusions

Over 55,000 former B.C. post-secondary students will be eligible for a 2015 Student Outcomes Survey; it is anticipated that close to 30,000 will be surveyed between January 2015 and January 2016.

The scope of the DACSO Survey includes collecting the 2015 data, and the production and distribution of related reports and tools outlined in the "Deliverables and Services" section. The 2015 DACSO survey cycle starts in September 2014 and runs until August 2016. The survey is conducted by mixed-mode data collection (telephone and online).

The 2015 BGS Survey cycle runs from February 2015 to January 2017. Data collection, via telephone and online, will start in September and continue to the following January. It will involve the graduates from B.C. public post-secondary institutions that award bachelor degrees. Survey results will be distributed as outlined in "Deliverables and Services."

The scope of the APPSO Survey includes collecting the 2015 data for public and private B.C. post-secondary institutions and the production and distribution of data releases as outlined in the “Deliverables and Services” section. The 2015 Apprenticeship Survey cycle starts in September 2014 and runs until June 2016. This survey is mixed-mode: telephone and online.

3.2 Deliverables and Services

Deliverable or Service	Deliverable/Service Description
Program Management	Planning, implementation, and management of all surveys. Develop the annual plan and prepare budget. Monitor survey lifecycle and track deliverables. Liaise and communicate with AVED, the Student Outcomes Research Forum, post-secondary institutions, and other stakeholders. Prepare data sharing agreements, privacy impact assessments, MOUs, etc., as required. Prepare and manage contracts, as required.
Data Collection Contract Negotiation	Prepare the data collection contract for the 2015 survey cycles. Hire a data collection contractor. Manage the data collection contract/process in accordance with government policies and procedures related to procurement, including the Request For Proposals process, when required. Monitor annual data collection and track results.
Questionnaire Development	Update the questionnaires for all 2015 surveys. Prepare electronic and print versions. Update questionnaire matrices, develop special questions, and obtain committee approval. Liaise with Forum subcommittees for surveys. Check the programming of the telephone and online versions of the survey. Ensure consistency of questions and response categories across surveys (where appropriate).
Cohort Data Management	Prepare 2015 cohort submission requirements for APPSO, BGS, and DACSO cohorts (the instructions for submitting student contact information) and distribute to institutions and ITA. Receive and validate cohort contact information. Provide detailed audit cohort reports to institutions. Prepare cohort files to be used by data collection firm to track former students. Forward cohort data to the data collection contractor. Conduct annual Program Review (to ensure correct program coding). Liaise with Forum Technical Team.
Data Management and Validation	Receive survey data from the data collection contractor. Load survey data (unverified, raw data) and store in Oracle database. Clean and validate the survey data. Create derived indicators. Code open-ended responses (other specify) and review NOC. Harmonize data for inter-year comparability.
Data Dissemination	Release current data for AVED, participating post-secondary institutions, and the public through a variety of tools. Prepare performance measure data for AVED. Maintain and update the query tool (Dashboard) for reporting of outcomes information. Maintain and improve functionality of reporting tools (pivot tables, flat files) for authorized users. Prepare help documentation, College Program Code (CPC)/Classification of Instructional Program (CIP) crosswalk, and Questionnaire Summaries. Prepare and distribute datasets to authorized users.

Reporting and Analysis: Student Outcomes Publications	Conduct analyses and prepare publications. Produce The 2015 Highlights, an annual high-level summary of survey results from all annual outcomes surveys. Produce copies in appropriate formats. Establish distribution list for the Highlights. Prepare one or two Student Outcomes Fact Sheets or Infographics for stakeholders (topics to be determined by the Forum). Liaise with Forum Communications Team.
Reporting and Analysis: Survey Publications	Prepare publications as follows or as directed by the Forum. Liaise with Communications Team and Survey Committees. APPSO Publication: Prepare 2015 report of findings for stakeholders. BGS Publications: Prepare 2015 template reports of findings by discipline and program group by institution. Prepare results at the system level by CIP Cluster, 2-digit CIP and 4-digit CIP in a spreadsheet with data suppression. Prepare annual report of findings. DACSO Publications: Prepare information papers as directed by the Forum.
Data Requests	Provide a number of special tabulations of student outcomes data to meet specific requests of the participating institutions or AVED. Respond to queries from post-secondary institutions, AVED, other stakeholders, and the public. Respond, as time permits, to requests for information from stakeholders and the public, prepare aggregated survey data in appropriate formats. Provide aggregated data to other organizations that offer information for prospective students (such as Education Planner).
Forum and Stakeholder Support	Act as secretariat to the BC Student Outcomes Research Forum. Prepare agendas and handouts for meetings, take and produce minutes and action plans. Maintain member lists for Forum teams and committees. Provide support to Forum members. Develop and maintain a Forum SharePoint site for use by members. Plan and facilitate an annual conference/meeting for Forum members and guests.
Website and SharePoint Support	Maintain the Student Outcomes website (http://outcomes.bcstats.gov.bc.ca) and redevelop as needed. Develop and maintain the Student Outcomes and Forum SharePoint sites for stakeholders. Maintain and monitor authorized accesses to the Student Outcomes SharePoint. Maintain listservs and distribution lists.

4.0 Schedule

The BC Student Outcomes schedule is deliverables-based and was designed in consultation with BC Stats Student Outcomes Team members and the Forum.

4.1 DACSO 2015 Milestones

Task	Date
Survey Cycle Start	September 4, 2014
Questionnaire developed and approved	Sep – October 2014
Cohort submission requirements developed and approved	Sep – October 2014
Contract with data collection company	October 2014
Questionnaire sent for programming	November 2014
Cohort submission request sent to institutions	November 2014
Receive cohorts from participating institutions	Dec 2014 – February 2015
Cohorts sent to data collection company	Dec 2014 – February 2015
Questionnaire pre-test review	January 2015
Receipt of pre-test data extract	January 2015
Receipt of data extract (4,000 interviews)	March 2015
Data validation testing	March 2015
Data collection complete and data delivered to BC Stats	July 13, 2015
Data validation complete	September 2015
Data release through Dashboard, pivot tables, and flat files	Nov – December 2015
Performance measures delivered to AVED and institutions	January 2016
The 2015 Highlights	June 2016
Information Paper	Summer 2016
Close Out	August 29, 2016

4.2 BGS 2015 Milestones

Task	Date
Survey Cycle Start	February 4, 2015
Contract with data collection company	October 2014
Cohort submission requirements developed and approved	April 2015
Cohort submission request sent to participating institutions	April 2015
Questionnaire developed and approved	May 2015
Receive cohorts from participating institutions	By July 30, 2015
Questionnaire sent to data collection company	August 2015
Cohorts sent to data collection company	August 2015
Receipt of data extract from pre-test	September 2015
Questionnaire and pre-test review	September 2015
Data collection complete and data delivered to BC Stats	January 25, 2016
Data validation and coding complete	March 2016
Performance measures delivered to AVED and institutions	March 2016
Tabular reports by CIP and institutions released	April 2016
Data release through Dashboard, pivot tables, and flat files	June – July 2016
The 2015 Highlights	June 2016
2015 Analytical Report	October 2016
Close Out	December 2016

4.3 APPSO 2015 Milestones

Task	Date
Survey Cycle Start	September 4, 2014
Questionnaire developed and approved	Sep – October 2014
Cohort submission requirements developed and approved	Sep – October 2014
Contract with data collection company	October 2014
Cohort submission request sent to participating institutions	November 2014
2015 Questionnaire sent for programming	November 2014
Receive cohorts from participating institutions	Dec 2014 – January 2015
Cohorts sent to data collection company	Dec 2014– February 2015
Questionnaire and pre-test review	January 2015
Receipt of data extract from pre-test	January 2015
Data collection complete and data delivered to BC Stats	May 15, 2015
Data cleaning and coding complete	June 2015
Data release through Dashboard, pivot tables, and flat files	June – July 2015
Data release to stakeholders	June 24, 2015
Performance measures delivered to AVED and institutions	January 2016
2015 APPSO Report of Findings	June 2016
The 2015 Highlights	June 2016
Close Out	June 2016

5.0 Resources

BC Student Outcomes is staffed with a mix of internal human resources and external resources.

Resource	Role - Responsibility
Primary Resources	
Director	Program Sponsor.
Manager	Program Manager and Lead for contract negotiations, planning and budgeting, publications, reporting and analysis, data requests, and Forum support. Principal manager for DACSO and APPSO.
Manager	Program Manager and Lead for data requests, Forum support, and the Dashboard; principal team member for contract negotiations and for reporting and analysis. Principal manager for BGS.
Senior Analyst(s)	Senior Analyst and Lead for cohort management, questionnaire, data coding, data validation, and for updating the reporting tools.
	Senior Analyst and Lead for survey annual reports, Forum SharePoint, Outcomes SharePoint and listserv, principal team member for Forum support, assists with maintaining reporting tools.

Intermediate Analyst	Research Analyst and Lead for Website and pivot table development, principal team member for Forum support, cohort management, SharePoint, and listserv maintenance.
Business Analyst(s) and/or contractor (technical)	Business Analyst and consultant for online tool development (Dashboard); technical support for website and online reporting tools.

Additional Resources within government	
Internal Systems Group (Service BC)	BC Stats' servers, specialized software, custom applications (e.g., Dashboard), and backup support
Shared Services BC	Ongoing workstation, server, and backup support
AVED DBA	Senior Data Manager will provide support for database operations, including backup, and recovery

External Resources	
Advanis Inc.	The contractor will collect all outcomes data for the 2015 cycle.

6.0 Budget

2015/2016 Student Outcomes Budget

Revenue	2015/2016 Budget
Province for Student Outcomes	\$1,097,700
ITA Contribution	\$19,000
Institutional fees	
APPSO public institutions, 2,400 @ \$10.00	\$24,000
DACSO respondents 14,800 @ \$5.50	\$81,400

TOTAL REVENUE	\$1,222,100
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Expenditure	2015/2016 Budget
BC Student Outcomes Project Co-ordination	
Project Management	\$112,000
BC Student Outcomes Research Forum support	\$81,000
Possible RFP for data collection*	\$15,000
Expenses, external services	\$8,500
Project Co-ordination	\$216,500
Data Collection	
DACSO	\$276,000
BGS	\$200,000
APPSO	\$95,000
Data Collection	\$571,000
Reporting and Publications	
Data requests and stakeholder support	\$65,000
New tool enhancements and data dissemination	\$128,000
Student Outcomes publications: Highlights, Fact Sheets, etc.	\$46,800
Reporting and Publications	\$239,800
DACSO	
Questionnaire, Cohort, & Validation	\$51,000
DACSO publication	\$12,500
DACSO Total	\$63,500
BGS	
Questionnaire, Cohort, & Validation	\$28,000
Reporting Templates & Annual Report	\$48,000
BGS Total	\$76,000
APPSO	
Questionnaire, Cohort, & Validation	\$25,300
Apprenticeship Report	\$30,000
APPSO Total	\$55,300

TOTAL EXPENSES	\$1,222,100
Net Surplus/Deficit	\$0

*this amount will be used where needed if we do not go to RFP

Appendix

The BC Student Outcomes Research Forum consists of representatives from:

Institutions
British Columbia Institute of Technology
Camosun College
Capilano University
College of New Caledonia
College of the Rockies
Douglas College
Emily Carr University of Art & Design
Justice Institute of BC
Kwantlen Polytechnic University
Langara College
Nicola Valley Institute of Technology
North Island College
Northern Lights College
Northwest Community College
Okanagan College
Royal Roads University
Selkirk College
Simon Fraser University
Thompson Rivers University
University of British Columbia
University of Northern British Columbia
University of the Fraser Valley
University of Victoria
Vancouver Community College
Vancouver Island University

Organizations
BC Council on Admissions & Transfer
BC Council of Senior Student Affairs Leaders
BC Registrars' Association
Industry Training Authority
Ministry of Advanced Education

Plan for the 2016 Survey Cycle

For BC Student Outcomes:

Diploma, Associate Degree, and Certificate Student Outcomes Survey
Baccalaureate Graduates Survey
Apprenticeship Student Outcomes Survey

Prepared for:

The Ministry of Advanced Education
and the
BC Student Outcomes Research Forum

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1.0 Background

BC Student Outcomes is a partnership among public post-secondary institutions, the ministry responsible for post-secondary education, and associated system agencies. Representatives from these organizations constitute the BC Student Outcomes Research Forum (Forum).¹ The BC Student Outcomes program collects information from former students through annual surveys. Information collected includes evaluation of their education, experiences with further studies, and labour market outcomes.

The 2016 Student Outcomes program consists of three student outcomes surveys:

- The BC Diploma, Associate Degree, and Certificate Student Outcomes (DACSO) Survey
- The Baccalaureate Graduates Survey (BGS)
- The BC Apprenticeship Student Outcomes (APPSO) Survey

Since 1988, the BC Diploma, Associate Degree, and Certificate Student Outcomes (DACSO) Survey² has been used to collect information about former students' post-secondary experiences and their labour market and educational transitions.

Since 1995, the Baccalaureate Graduates Survey (BGS) has collected information from degree graduates of B.C.'s public universities. In 2006, the survey expanded to include baccalaureate graduates from all public degree-granting institutions: research universities, special purpose and teaching universities, colleges, and institutes. Former students are asked about their experiences post-graduation and to evaluate their programs of study.

Since 2005, the BC Apprenticeship Student Outcomes (APPSO) Survey has collected outcomes and evaluative information from former apprenticeship students, who trained with public or private apprenticeship training providers. To provide insight into the apprenticeship experience, former students are asked to rate aspects of their in-school and workplace training, evaluate the usefulness of the knowledge and skills they gained, indicate their level of satisfaction with their training, and describe their post-training employment.

The findings from the Student Outcomes surveys are used to:

- ensure sound and reliable data for post-secondary policy development and accountability;
- provide timely and relevant information for program evaluations and educational planning; and
- provide information for new, continuing, and prospective students to help them make informed decisions about their personal and economic futures.

¹ See the Appendix for a list of the institutions and organizations represented on the Forum.

² Formerly the BC College and Institute Student Outcomes Survey.

2.0 Summary

The Ministry of Advanced Education (AVED), the BC Student Outcomes Research Forum (Forum), and the Research Universities' Council of BC all contribute to BC Student Outcomes. The Forum provides guidance on all aspects of the program, including issue and change management, survey instrument content, cohort definitions, data collection processes, and analysis and reporting. The Forum comprises representatives from each of B.C.'s public post-secondary institutions, AVED, and various system agencies and associations. AVED is the primary funder of BC Student Outcomes; additional funding and resources are provided by the Industry Training Authority (ITA), and the participating institutions.

BC Stats has been commissioned by AVED, the Forum, and participating institutions to manage the province-wide surveys of students who have left degree, diploma, associate degree, certificate, or apprenticeship programs. BC Stats is responsible for all deliverables as well as day-to-day operations.

In the DACSO Survey, outcomes data are collected from former diploma, associate degree, and certificate students approximately 9 to 20 months after they leave their programs of study. Nineteen B.C. public post-secondary institutions are participating in the 2016 DACSO survey, and over 28,000 former students are eligible.

The Baccalaureate Graduates Survey targets former students who have been graduates for two years; they participate in the survey anywhere from 21 to 33 months after leaving their studies. Approximately 23,000 former students from the majority of B.C.'s public post-secondary institutions will be eligible for the 2016 survey of 2014 graduates.

The 2016 APPSO Survey includes all former students (almost 5,000) who completed the final year of their apprenticeship training at a B.C. post-secondary institution (14 public institutions and over 30 private institutions).

The final survey data are distributed in several different formats to meet the information needs of AVED, the Forum, the participating institutions, ITA, system agencies, such as the BC Council on Admissions and Transfer (BCCAT), and other outcomes data users, such as instructors, students, counsellors, and parents.

3.0 Scope

3.1 Inclusions

Over 55,000 former B.C. post-secondary students will be eligible for a 2016 Student Outcomes Survey; it is anticipated that close to 30,000 will be surveyed between January 2016 and January 2017.

The scope of the DACSO Survey includes collecting the 2016 data, and the production and distribution of related reports and tools outlined in the "Deliverables and Services" section. The 2016 DACSO survey cycle starts in September 2015 and runs until August 2017. The survey is conducted by mixed-mode data collection (telephone and online).

The 2016 BGS Survey cycle runs from February 2016 to January 2018. Data collection, via telephone and online, will start in September and continue to the following January. It will involve the graduates from B.C. public post-secondary institutions that award bachelor degrees. Survey results will be distributed as outlined in "Deliverables and Services."

The scope of the APPSO Survey includes collecting the 2016 data for public and private B.C. post-secondary institutions and the production and distribution of data releases as outlined in the “Deliverables and Services” section. The 2016 Apprenticeship Survey cycle starts in September 2015 and runs until June 2017. This survey is mixed-mode: telephone and online.

3.2 Deliverables and Services

Deliverable or Service	Deliverable/Service Description
Program Management	Planning, implementation, and management of all surveys. Develop the annual plan and prepare budget. Monitor survey lifecycle and track deliverables. Liaise and communicate with AVED, the Student Outcomes Research Forum, post-secondary institutions, and other stakeholders. Prepare data sharing agreements, privacy impact assessments, MOUs, etc., as required. Prepare and manage contracts, as required.
Data Collection Contract Negotiation	Prepare the data collection contract for the 2016 survey cycles. Manage the data collection contract/process in accordance with government policies and procedures related to procurement, including the Request For Proposals process, when required. Monitor annual data collection and track results.
Questionnaire Development	Update the questionnaires for all 2016 surveys. Prepare electronic and print versions. Update questionnaire matrices, develop special questions, and obtain committee approval. Liaise with Forum Survey Team. Check the programming of the telephone and online versions of the survey. Ensure consistency of questions and response categories across surveys (where appropriate).
Cohort Data Management	Prepare 2016 cohort submission requirements for APPSO, BGS, and DACSO cohorts (the instructions for submitting student contact information) and distribute to institutions and ITA. Receive and validate cohort contact information. Provide detailed audit cohort reports to institutions. Prepare cohort files to be used by data collection firm to track former students. Forward cohort data to the data collection contractor. Conduct annual Program Review (to ensure correct program coding). Liaise with Forum Technical Team.
Data Management and Validation	Receive survey data from the data collection contractor. Load survey data (unverified, raw data) and store in Oracle database. Clean and validate the survey data. Create derived indicators. Code open-ended responses (other specify) and review NOC. Harmonize data for inter-year comparability.
Data Dissemination	Release current data for AVED, participating post-secondary institutions, and the public through a variety of tools. Prepare performance measure data for AVED. Maintain and update the query tool (Dashboard) for reporting of outcomes information. Maintain and improve functionality of reporting tools (pivot tables, flat files) for authorized users. Prepare help documentation, College Program Code (CPC)/Classification of Instructional Program (CIP) crosswalk, and Questionnaire Summaries. Prepare and distribute datasets to authorized users.

Reporting and Analysis: Student Outcomes Publications	Conduct analyses and prepare publications. Produce <i>The 2016 Highlights</i> , an annual high-level summary of survey results from all annual outcomes surveys. Produce copies in appropriate formats. Prepare one or two Student Outcomes Fact Sheets and selected Infographics for stakeholders (topics to be determined by the Forum). Liaise with Forum Communications Team.
Reporting and Analysis: Survey Publications	Prepare publications as follows or as directed by the Forum. Liaise with Communications Team. APPSO Publication: Prepare 2016 report of findings for stakeholders. BGS Publications: Prepare 2016 template reports of findings by discipline and program group by institution. Prepare results at the system level by CIP Cluster, 2-digit CIP and 4-digit CIP in a spreadsheet with data suppression. Prepare annual report of findings. DACSO Publications: Prepare information papers as directed by the Forum.
Data Requests	Provide a number of special tabulations of student outcomes data to meet specific requests of the participating institutions or AVED. Respond to queries from post-secondary institutions, AVED, other stakeholders, and the public. Respond, as time permits, to requests for information from stakeholders and the public, prepare aggregated survey data in appropriate formats. Provide aggregated data to other organizations that offer information for prospective students (such as Education Planner).
Forum and Stakeholder Support	Act as secretariat to the BC Student Outcomes Research Forum. Prepare agendas and handouts for meetings, take and produce minutes and action plans. Maintain member lists for Forum teams and committees. Provide support to Forum members. Develop and maintain a Forum SharePoint site for use by members. Plan and facilitate an annual conference/meeting for Forum members and guests.
Website and SharePoint Support	Maintain the Student Outcomes website (http://outcomes.bcstats.gov.bc.ca) and redevelop as needed. Develop and maintain the Student Outcomes and Forum SharePoint sites for stakeholders. Maintain and monitor authorized accesses to the Student Outcomes SharePoint. Maintain listservs and distribution lists.

4.0 Schedule

The BC Student Outcomes schedule is deliverables-based and was designed in consultation with BC Stats Student Outcomes Team members and the Forum.

4.1 DACSO 2016 Milestones

Task	Date
Survey Cycle Start	September 1, 2015
Questionnaire developed and approved	Sep – October 2015
Cohort submission requirements developed and approved	Sep – October 2015
Contract with data collection company	October 2015
Questionnaire sent for programming	November 2015
Cohort submission request sent to institutions	November 2015
Receive cohorts from participating institutions	Dec 2015 – February 2016
Cohorts sent to data collection company	Dec 2015 – February 2016
Questionnaire pre-test review	January 2016
Receipt of pre-test data extract	January 2016
Receipt of data extract (4,000 interviews)	March 2016
Data validation testing	March 2016
Data collection complete and data delivered to BC Stats	July 11, 2016
Data validation complete	September 2016
Data release through Dashboard, pivot tables, and flat files	Oct – November 2016
Performance measures delivered to AVED and institutions	March 2017
The 2016 Highlights	June 2017
Information Paper	Summer 2017
Close Out	August 31, 2017

4.2 BGS 2016 Milestones

Task	Date
Survey Cycle Start	February 1, 2016
Contract with data collection company	October 2015
Cohort submission requirements developed and approved	April 2016
Cohort submission request sent to participating institutions	April 2016
Questionnaire developed and approved	July 2016
Receive cohorts from participating institutions	By July 30, 2016
Questionnaire sent to data collection company	August 2016
Cohorts sent to data collection company	August 2016
Receipt of data extract from pre-test	September 2016
Questionnaire and pre-test review	September 2016
Data collection complete and data delivered to BC Stats	January 30, 2017
Data validation and coding complete	March 2017
Performance measures delivered to AVED and institutions	March 2017
Tabular reports by CIP and institutions released	April 2017
Data release through Dashboard, pivot tables, and flat files	June – July 2017
The 2016 Highlights	June 2017
2016 Analytical Report	October 2017
Close Out	January 31, 2018

4.3 APPSO 2016 Milestones

Task	Date
Survey Cycle Start	September 1, 2015
Questionnaire developed and approved	Sep – October 2015
Cohort submission requirements developed and approved	Sep – October 2015
Contract with data collection company	October 2015
Cohort submission request sent to participating institutions	November 2015
2016 Questionnaire sent for programming	November 2015
Receive cohorts from participating institutions	Dec 2015 – January 2016
Cohorts sent to data collection company	Dec 2015 – February 2016
Questionnaire and pre-test review	January 2016
Receipt of data extract from pre-test	January 2016
Data collection complete and data delivered to BC Stats	May 15, 2016
Data cleaning and coding complete	June 2016
Data release through Dashboard, pivot tables, and flat files	June – July 2016
Performance measures delivered to AVED and institutions	March 2017
2016 APPSO Report of Findings	June 2017
The 2016 Highlights	June 2017
Close Out	June 30, 2017

5.0 Resources

BC Student Outcomes is staffed with a mix of internal human resources and external resources.

Resource	Role - Responsibility
Primary Resources	
Director	Program Sponsor.
Manager	Program Manager and Lead for contract negotiations, planning and budgeting, publications, reporting and analysis, data requests, and Forum support. Principal manager for DACSO and APPSO.
Manager	Program Manager and Lead for data requests, Forum support, and the Dashboard; principal team member for contract negotiations and for reporting and analysis. Principal manager for BGS.
Senior Analyst(s)	Senior Analyst and Lead for cohort management, questionnaire, data coding, data validation, and for updating the reporting tools.
	Senior Analyst and Lead for survey annual reports, Forum SharePoint, Outcomes SharePoint and listserv, principal team member for Forum support, assists with maintaining reporting tools.

Intermediate Analyst	Research Analyst and Lead for Website and pivot table development, principal team member for Forum support, cohort management, SharePoint, and listserv maintenance.
Business Analyst(s) and/or contractor (technical)	Business Analyst and consultant for online tool development (Dashboard); technical support for website and online reporting tools.

Additional Resources within government	
Internal Systems Group (Service BC)	BC Stats' servers, specialized software, custom applications (e.g., Dashboard), and backup support
Shared Services BC	Ongoing workstation, server, and backup support
AVED DBA	Senior Data Manager will provide support for database operations, including backup, and recovery

External Resources	
Advanis Inc.	The contractor will collect all outcomes data for the 2016 cycle.

6.0 Budget

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STUDENT OUTCOMES BUDGET 2016/2017 SUMMARY

Revenue	2016/2017 Budget
-	
Province for Student Outcomes	\$1,098,000
ITA Contribution	\$19,000
Institutional fees	
APPSO (public institutions @ \$10.00)	\$20,000
DACSO (respondents @ \$5.50)	\$82,500
TOTAL REVENUE	\$1,219,500
Expenditure	2016/2017 Budget
-	
BC Student Outcomes Project Co-ordination	
Project Management	\$100,000
BC Student Outcomes Research Forum support	\$86,000
Expenses, external services	\$6,500
Project Co-ordination	\$192,500
Data Collection	
DACSO	\$284,000
BGS	\$207,000
APPSO	\$83,000
Data Collection	\$574,000
Reporting and Publications	
Data requests and stakeholder support	\$64,500
Tool enhancements and data dissemination	\$175,000
Student Outcomes publications: Highlights, Fact Sheets, etc.	\$115,000
DACSO, BGS, APPSO publications	\$72,500
Reporting and Publications	\$354,500
Survey Development	
DACSO, BGS, APPSO Questionnaire, Cohort, & Validation	\$98,500
TOTAL EXPENSES	\$1,219,500
Net Surplus/Deficit	\$0

Appendix

The BC Student Outcomes Research Forum consists of representatives from:

Institutions
British Columbia Institute of Technology
Camosun College
Capilano University
College of New Caledonia
College of the Rockies
Douglas College
Emily Carr University of Art & Design
Justice Institute of BC
Kwantlen Polytechnic University
Langara College
Nicola Valley Institute of Technology
North Island College
Northern Lights College
Northwest Community College
Okanagan College
Royal Roads University
Selkirk College
Simon Fraser University
Thompson Rivers University
University of British Columbia
University of Northern British Columbia
University of the Fraser Valley
University of Victoria
Vancouver Community College
Vancouver Island University

Organizations
BC Council on Admissions & Transfer
BC Council of Senior Student Affairs Leaders
BC Registrars' Association
Industry Training Authority
Ministry of Advanced Education