

**2007-2008 GRADUATE
OUTCOMES SURVEY
OF
2005-2006 GRADUATES**

METHODOLOGY

**FOR POPULATING DATA INTO
GRADUATE SATISFACTION & EMPLOYMENT
KPIRS REPORTS**

For

**Alberta Post-Secondary
Institutions**

Prepared by

Alberta Advanced Education

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The current version of this document is available on the Alberta Advanced Education website at www.AdvancedEducation.gov.ab.ca/software. It will be updated as necessary and institutions' contacts for each reporting system (PRS, LERS, FIRS, and KPIRS) will be advised when a new version has been posted.

Logic for 2005-2006 Graduate Outcomes Survey

KPIRS counts or calculates averages for each PRS Program. Below is the logic used.

Survey Responses:

- a. Count number of respondents for each program.

- 1) Q. 1: Highest grade level achieved in K-12
 - a. Grade 12: Count for Question 1 = 12
 - b. Grade 11: Count for Question 1 = 11
 - c. Grade 10: Count for Question 1 = 10
 - d. Grade 9: Count for Question 1 = 9
 - e. Other: Count for (Question 1 < 9 or Question 1 > 12) and Question 1 is not 88 or 99
 - f. No response: Count for Question 1 is 88 or 99
- 2) Q. 2: Last attended K-12 in which city
 - a. Edmonton: Count for Question 2 = 1
 - b. Calgary: Count for Question 2 = 2
 - c. Elsewhere in Alberta: Count for Question 2 = 3 or 4 or 5 or 6 or 7 or 8
 - d. Elsewhere in Canada: Count for Question 2 = 9
 - e. Outside Canada: Count for Question 2 = 10
 - f. No response: Count for Question 2 is 88 or 99
- 3) Q. 3 & 5: Period between K-12 and post-secondary
 - a. Zero years: Count for Question 5 minus Question 3 = 0 and Question 5 is between 1900 and 2005 and Question 3 is between 1900 and 2005
 - b. One year: Count for Question 5 minus Question 3 = 1 and Question 5 is between 1900 and 2005 and Question 3 is between 1900 and 2005
 - c. Two years: Count for Question 5 minus Question 3 = 2 and Question 5 is between 1900 and 2005 and Question 3 is between 1900 and 2005
 - d. Three years: Count for Question 5 minus Question 3 = 3 and Question 5 is between 1900 and 2005 and Question 3 is between 1900 and 2005
 - e. More than three years: Count for Question 5 minus Question 3 \geq 4 and Question 5 is between 1900 and 2005 and Question 3 is between 1900 and 2005
 - f. No response: Count for (Question 3 is 8888 or 9999) or (Question 5 is 8888 or 9999) or (Question 3 > Question 5)
- 4) Q. 4: Applied for post-secondary from which city
 - a. Edmonton: Count for Question 4 = 1
 - b. Calgary: Count for Question 4 = 2
 - c. Elsewhere in Alberta: Count for Question 4 = 3 or 4 or 5 or 6 or 7 or 8
 - d. Elsewhere in Canada: Count for Question 4 = 9
 - e. Outside Canada: Count for Question 4 = 10
 - f. No response: Count for Question 4 is 88 or 99
- 5) Q. 6 & 6a: Have permanently relocated since graduation
 - a. Yes: Count for Question 6a = 2 (Answer No to 6a)
 - b. No: Count for Question 6a = 1 (Answer Yes to 6a)

- c. No response: Count for (Question 6 is 88 or 99) or Question 6a is 88 or 99)
- 6) Q. 7: Primary reason for moving
 - a. Employment: Count for Question 7 = 1 or 2 and Question 6a = 2
 - b. Family Obligations: Count for Question 7 = 3 or 4 or 7 and Question 6a = 2
 - c. Education: Count for Question 7 = 8 and Question 6a = 2
 - d. Social: Count for Question 7 = 5 or 6 or 9 and Question 6a = 2
 - e. Other: Count for Question 7 = 10 and Question 6a = 2
 - f. No response: Count for Question 7 is 88 or 99 and Question 6a = 2
- 7) Q. 8: Relocated to where
 - a. Edmonton: Count for Question 8 = 1 and Question 6a = 2
 - b. Calgary: Count for Question 8 = 2 and Question 6a = 2
 - c. Elsewhere in Alberta: Count for Question 8 = 3 or 4 or 5 or 6 or 7 or 8 and Question 6a = 2
 - d. Elsewhere in Canada: Count for Question 8 = 9 and Question 6a = 2
 - e. Outside Canada: Count for Question 8 = 10 and Question 6a = 2
 - f. No response: Count for Question 8 is 88 or 99 and Question 6a = 2
- 8) Q. 9: Relocated to hometown
 - a. Yes: Count for Question 9 = 1 and Question 6a = 2
 - b. No: Count for Question 9 = 2 and Question 6a = 2
 - c. No response: Count for Question 9 is 88 or 99 and Question 6a = 2
- 9) Q. 10a: How useful were institutional calendars
 - a. Very Useful: Count for Question 10a = 5
 - b. Count for Question 10a = 4
 - c. Count for Question 10a = 3
 - d. Count for Question 10a = 2
 - e. Not useful: Count for Question 10a = 1
 - f. No response: Count for Question 10a is 77 or 88 or 99
- 10) Q. 10b: How useful was ALIS website
 - a. Very Useful: Count for Question 10b = 5
 - b. Count for Question 10b = 4
 - c. Count for Question 10b = 3
 - d. Count for Question 10b = 2
 - e. Not useful: Count for Question 10b = 1
 - f. No response: Count for Question 10b is 77 or 88 or 99
- 11) Q. 10c: How useful were school guidance counselors
 - a. Very Useful: Count for Question 10c = 5
 - b. Count for Question 10c = 4
 - c. Count for Question 10c = 3
 - d. Count for Question 10c = 2
 - e. Not useful: Count for Question 10c = 1
 - f. No response: Count for Question 10c is 77 or 88 or 99
- 12) Q. 10d: How useful were teachers
 - a. Very Useful: Count for Question 10d = 5
 - b. Count for Question 10d = 4

- c. Count for Question 10d = 3
 - d. Count for Question 10d = 2
 - e. Not useful: Count for Question 10d = 1
 - f. No response: Count for Question 10d is 77 or 88 or 99
- 13) Q. 10e: How useful were career counselors
- a. Very Useful: Count for Question 10e = 5
 - b. Count for Question 10e = 4
 - c. Count for Question 10e = 3
 - d. Count for Question 10e = 2
 - e. Not useful: Count for Question 10e = 1
 - f. No response: Count for Question 10e is 77 or 88 or 99
- 14) Q. 10f: How useful were parents or other relatives
- a. Very Useful: Count for Question 10f = 5
 - b. Count for Question 10f = 4
 - c. Count for Question 10f = 3
 - d. Count for Question 10f = 2
 - e. Not useful: Count for Question 10f = 1
 - f. No response: Count for Question 10f is 77 or 88 or 99
- 15) Q. 10g: How useful were friends
- a. Very Useful: Count for Question 10g = 5
 - b. Count for Question 10g = 4
 - c. Count for Question 10g = 3
 - d. Count for Question 10g = 2
 - e. Not useful: Count for Question 10g = 1
 - f. No response: Count for Question 10g is 77 or 88 or 99
- 16) Q. 10i: How useful was the institution's website
- a. Very Useful: Count for Question 10i = 5
 - b. Count for Question 10i = 4
 - c. Count for Question 10i = 3
 - d. Count for Question 10i = 2
 - e. Not useful: Count for Question 10i = 1
 - f. No response: Count for Question 10i is 77 or 88 or 99
- 17) Q. 10j: How useful was career fair/open house
- a. Very Useful: Count for Question 10j = 5
 - b. Count for Question 10j = 4
 - c. Count for Question 10j = 3
 - d. Count for Question 10j = 2
 - e. Not useful: Count for Question 10j = 1
 - f. No response: Count for Question 10j is 77 or 88 or 99
- 18) Q. 10k: How useful were coworkers
- a. Very Useful: Count for Question 10k = 5
 - b. Count for Question 10k = 4
 - c. Count for Question 10k = 3
 - d. Count for Question 10k = 2
 - e. Not useful: Count for Question 10k = 1
 - f. No response: Count for Question 10k is 77 or 88 or 99

- 19) Q. 10l: How useful were student recruiters
- Very Useful: Count for Question 10l = 5
 - Count for Question 10l = 4
 - Count for Question 10l = 3
 - Count for Question 10l = 2
 - Not useful: Count for Question 10l = 1
 - No response: Count for Question 10l is 77 or 88 or 99
- 20) Q. 10h: How useful: other
- Very Useful: Count for Question 10h = 5
 - Count for Question 10h = 4
 - Count for Question 10h = 3
 - Count for Question 10h = 2
 - Not useful: Count for Question 10h = 1
 - No response: Count for Question 10h is 77 or 88 or 99
- 21) Q. 11: Primary goal entering institution
- Specific degree or diploma: Count for Question 11 = 1 or 2
 - Expanded knowledge: Count for Question 11 = 3 or 4
 - Employment: Count for Question 11 = 5 or 6 or 7
 - No goal set: Count for Question 11 = 10
 - Other: Count for Question 11 = 8 or 9
 - No response: Count for Question 11 is 88 or 99
- 22) Q. 12: Did achieve primary goal
- Yes: Count for Question 12 = 1 and Question 11 = 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9
 - No: Count for Question 12 = 2 and Question 11 = 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9
 - No response: Count for Question 12 is 8 or 9 and Question 11 = 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9
- 23) Q. 13: Reason primary goal not achieved
- Illness/family: Count for Question 13 = 2 or 3 and Question 11 = 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 and Question 12 = 2
 - Moved: Count for Question 13 = 4 and Question 11 = 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 and Question 12 = 2
 - Financial: Count for Question 13 = 5 or 6 and Question 11 = 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 and Question 12 = 2
 - Still in school: Count for Question 13 = 1 or 7 and Question 11 = 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 and Question 12 = 2
 - Other: Count for Question 13 = 8 and Question 11 = 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 and Question 12 = 2
 - No response: Count for Question 13 is 88 or 99 and Question 11 = 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 and Question 12 = 2
- 24) Q. 14a: Skills needed for a particular job
- Great extent: Count for Question 14a = 5
 - Count for Question 14a = 4
 - Count for Question 14a = 3
 - Count for Question 14a = 2

- e. Not at all: Count for Question 14a = 1
 - f. No response: Count for Question 14a is 77, 88 or 99
- 25) Q. 14b: In-depth knowledge of a particular field of study
- a. Great extent: Count for Question 14b = 5
 - b. Count for Question 14b = 4
 - c. Count for Question 14b = 3
 - d. Count for Question 14b = 2
 - e. Not at all: Count for Question 14b = 1
 - f. No response: Count for Question 14b is 77, 88 or 99
- 26) Q. 14c: Opportunity to improve yourself generally
- a. Great extent: Count for Question 14c = 5
 - b. Count for Question 14c = 4
 - c. Count for Question 14c = 3
 - d. Count for Question 14c = 2
 - e. Not at all: Count for Question 14c = 1
 - f. No response: Count for Question 14c is 77, 88 or 99
- 27) Q. 14d: Improved chances of a good income
- a. Great extent: Count for Question 14d = 5
 - b. Count for Question 14d = 4
 - c. Count for Question 14d = 3
 - d. Count for Question 14d = 2
 - e. Not at all: Count for Question 14d = 1
 - f. No response: Count for Question 14d is 77, 88 or 99
- 28) Q. 14e: Opportunity to continue your education
- a. Great extent: Count for Question 14e = 5
 - b. Count for Question 14e = 4
 - c. Count for Question 14e = 3
 - d. Count for Question 14e = 2
 - e. Not at all: Count for Question 14e = 1
 - f. No response: Count for Question 14e is 77, 88 or 99
- 29) Q. 14f: Improves chances of getting good job
- a. Great extent: Count for Question 14f = 5
 - b. Count for Question 14f = 4
 - c. Count for Question 14f = 3
 - d. Count for Question 14f = 2
 - e. Not at all: Count for Question 14f = 1
 - f. No response: Count for Question 14f is 77, 88 or 99
- 30) Q. 15a: Added to your ability to solve problems
- a. Great extent: Count for Question 15a = 5
 - b. Count for Question 15a = 4
 - c. Count for Question 15a = 3
 - d. Count for Question 15a = 2
 - e. Not at all: Count for Question 15a = 1
 - f. No response: Count for Question 15a is 77, 88 or 99
- 31) Q. 15b: Added to your ability to speak in public
- a. Great extent: Count for Question 15b = 5

- b. Count for Question 15b = 4
 - c. Count for Question 15b = 3
 - d. Count for Question 15b = 2
 - e. Not at all: Count for Question 15b = 1
 - f. No response: Count for Question 15b is 77, 88 or 99
- 32) Q. 15c: Added to your ability to write effectively
- a. Great extent: Count for Question 15c = 5
 - b. Count for Question 15c = 4
 - c. Count for Question 15c = 3
 - d. Count for Question 15c = 2
 - e. Not at all: Count for Question 15c = 1
 - f. No response: Count for Question 15c is 77, 88 or 99
- 33) Q. 15d: Added to your ability resolve conflicts
- a. Great extent: Count for Question 15d = 5
 - b. Count for Question 15d = 4
 - c. Count for Question 15d = 3
 - d. Count for Question 15d = 2
 - e. Not at all: Count for Question 15d = 1
 - f. No response: Count for Question 15d is 77, 88 or 99
- 34) Q. 15e: Added to your ability to learn independently
- a. Great extent: Count for Question 15e = 5
 - b. Count for Question 15e = 4
 - c. Count for Question 15e = 3
 - d. Count for Question 15e = 2
 - e. Not at all: Count for Question 15e = 1
 - f. No response: Count for Question 15e is 77, 88 or 99
- 35) Q. 15f: Added to your ability to become self-confident
- a. Great extent: Count for Question 15f = 5
 - b. Count for Question 15f = 4
 - c. Count for Question 15f = 3
 - d. Count for Question 15f = 2
 - e. Not at all: Count for Question 15f = 1
 - f. No response: Count for Question 15f is 77, 88 or 99
- 36) Q. 15g: Added to your ability to develop leadership skills
- a. Great extent: Count for Question 15g = 5
 - b. Count for Question 15g = 4
 - c. Count for Question 15g = 3
 - d. Count for Question 15g = 2
 - e. Not at all: Count for Question 15g = 1
 - f. No response: Count for Question 15g is 77, 88 or 99
- 37) Q. 15h: Added to your ability to think creatively
- a. Great extent: Count for Question 15h = 5
 - b. Count for Question 15h = 4
 - c. Count for Question 15h = 3
 - d. Count for Question 15h = 2
 - e. Not at all: Count for Question 15h = 1

- f. No response: Count for Question 15h is 77, 88 or 99
- 38) Q. 15i: Added to your awareness of ethical issues
 - a. Great extent: Count for Question 15i = 5
 - b. Count for Question 15i = 4
 - c. Count for Question 15i = 3
 - d. Count for Question 15i = 2
 - e. Not at all: Count for Question 15i = 1
 - f. No response: Count for Question 15i is 77, 88 or 99
- 39) Q. 15j: Added to your awareness of political & social issues
 - a. Great extent: Count for Question 15j = 5
 - b. Count for Question 15j = 4
 - c. Count for Question 15j = 3
 - d. Count for Question 15j = 2
 - e. Not at all: Count for Question 15j = 1
 - f. No response: Count for Question 15j is 77, 88 or 99
- 40) Q. 15k: Added to your appreciation of other cultures
 - a. Great extent: Count for Question 15k = 5
 - b. Count for Question 15k = 4
 - c. Count for Question 15k = 3
 - d. Count for Question 15k = 2
 - e. Not at all: Count for Question 15k = 1
 - f. No response: Count for Question 15k is 77, 88 or 99
- 41) Q. 15l: Added to your computer skills
 - a. Great extent: Count for Question 15l = 5
 - b. Count for Question 15l = 4
 - c. Count for Question 15l = 3
 - d. Count for Question 15l = 2
 - e. Not at all: Count for Question 15l = 1
 - f. No response: Count for Question 15l is 77, 88 or 99
- 42) Q. 15m: Added to your research skills
 - a. Great extent: Count for Question 15m = 5
 - b. Count for Question 15m = 4
 - c. Count for Question 15m = 3
 - d. Count for Question 15m = 2
 - e. Not at all: Count for Question 15m = 1
 - f. No response: Count for Question 15m is 77, 88 or 99
- 43) Q. 15n: Added to your mathematical skills
 - a. Great extent: Count for Question 15n = 5
 - b. Count for Question 15n = 4
 - c. Count for Question 15n = 3
 - d. Count for Question 15n = 2
 - e. Not at all: Count for Question 15n = 1
 - f. No response: Count for Question 15n is 77, 88 or 99
- 44) Q. 15o: Added to your interpersonal skills
 - a. Great extent: Count for Question 15o = 5
 - b. Count for Question 15o = 4

- c. Count for Question 15o = 3
 - d. Count for Question 15o = 2
 - e. Not at all: Count for Question 15o = 1
 - f. No response: Count for Question 15o is 77, 88 or 99
- 45) Q. 15p: Added to your ability to work independently
- a. Great extent: Count for Question 15p = 5
 - b. Count for Question 15p = 4
 - c. Count for Question 15p = 3
 - d. Count for Question 15p = 2
 - e. Not at all: Count for Question 15p = 1
 - f. No response: Count for Question 15p is 77, 88 or 99
- 46) Q. 15q: Added to your ability to work well with others
- a. Great extent: Count for Question 15q = 5
 - b. Count for Question 15q = 4
 - c. Count for Question 15q = 3
 - d. Count for Question 15q = 2
 - e. Not at all: Count for Question 15q = 1
 - f. No response: Count for Question 15q is 77, 88 or 99
- 47) Q. 15r: Added to your ability to manage information
- a. Great extent: Count for Question 15r = 5
 - b. Count for Question 15r = 4
 - c. Count for Question 15r = 3
 - d. Count for Question 15r = 2
 - e. Not at all: Count for Question 15r = 1
 - f. No response: Count for Question 15r is 77, 88 or 99
- 48) Q. 16a: Quality of teaching in program
- a. Very satisfied: Count for Question 16a = 4
 - b. Satisfied: Count for Question 16a = 3
 - c. Dissatisfied: Count for Question 16a = 2
 - d. Very Dissatisfied: Count for Question 16a = 1
 - e. No response: Count for Question 16a is 88 or 99
- 49) Q. 16b: How satisfied with program (new question in 2006)
- f. Very satisfied: Count for Question 16b = 4
 - g. Satisfied: Count for Question 16b = 3
 - h. Dissatisfied: Count for Question 16b = 2
 - i. Very Dissatisfied: Count for Question 16b = 1
 - a. No response: Count for Question 16b is 88 or 99
- 50) Q. 16c: Quality of overall educational experience
- a. Very satisfied: Count for Question 16c = 4
 - b. Satisfied: Count for Question 16c = 3
 - c. Dissatisfied: Count for Question 16c = 2
 - d. Very Dissatisfied: Count for Question 16c = 1
 - e. No response: Count for Question 16c is 88 or 99
- 51) Q. 17: Would recommend same program of study
- a. Yes: Count for Question 17 = 1
 - b. No: Count for Question 17 = 2

- c. No response: Count for Question 17 is 88 or 99
- 52) Q. 18: Would recommend institution to others
 - a. Yes: Count for Question 18 = 1
 - b. No: Count for Question 18 = 2
 - c. No response: Count for Question 18 is 88 or 99
- 53) Q. 19: Did complete post-secondary courses prior to enrolling
 - a. Yes: Count for Question 19 = 1
 - b. No: Count for Question 19 = 2
 - c. No response: Count for Question 19 is 88 or 99
- 54) Q. 20: Did receive transfer credit or advanced standing
 - a. Yes: Count for Question 20 = 1 and Question 19 = 1
 - b. No: Count for Question 20 = 2 and Question 19 = 1
 - c. No response: Count for Question 20 is 88 or 99 and Question 19 = 1
- 55) Q. 22: Did receive full or partial credit
 - a. Full: Count for Question 22 = 1 (for any institution) and Question 20 = 1 and Question 19 = 1
 - b. Partial: Count for Question 22 = 2 (for any institution) and Question 22 <> 1 (for any institution) and Question 20 = 1 and Question 19 = 1
 - c. No response: Count for Question 22 is 0 or 88 or 99 and Question 22 is not 1 or 2 (for any institution) and Question 20 = 1 and Question 19 = 1
- 56) Q. 23: Did receive the transfer credit expected
 - a. Yes: Count for Question 23 = 1 (for any institution) and Question 20 = 1 and Question 19 = 1
 - b. No: Count for Question 23 = 2 (for any institution) and Question 23 <> 1 (for any institution) and Question 20 = 1 and Question 19 = 1
 - c. No response: Count for Question 23 is 0 or 88 or 99 and Question 23 is not 1 or 2 (for any institution) and Question 20 = 1 and Question 19 = 1
- 57) Q. 25: Consider the program worth the financial cost
 - a. Strongly agree: Count for Question 25 = 4
 - b. Agree: Count for Question 25 = 3
 - c. Disagree: Count for Question 25 = 2
 - d. Strongly disagree: Count for Question 25 = 1
 - e. No response: Count for Question 25 is 88 or 99
- 58) Q. 26: Portion of course load taken through distance education
 - a. All of it: Count for Question 26 = 5
 - b. More than half: Count for Question 26 = 4
 - c. About half: Count for Question 26 = 3
 - d. Less than half: Count for Question 26 = 2
 - e. None: Count for Question 26 = 1
 - f. No response: Count for Question 26 is 88 or 99
- 59) Q. 27: Worked while taking classes
 - a. Yes: Count for Question 27 = 1
 - b. No: Count for Question 27 = 2
 - c. No response: Count for Question 27 is 88 or 99
- 60) Q. 28: Currently have one or more paying jobs
 - a. One job: Count for Question 28 = 1 and Question 29 is 1, 88 or 99

- b. More than one: Count for Question 28 = 1 and Question 29 is between 2 and 87
 - c. No: Count for Question 28 = 2
 - d. No response: Count for Question 28 is 88 or 99
- 61) Q. 30: Self-employed in main job
- a. Yes: Count for Question 30 = 1 and Question 28 = 1
 - b. No: Count for Question 30 = 2 and Question 28 = 1
 - c. No response: Count for Question 30 is 88 or 99 and Question 28 = 1
- 62) Q. 31: Currently looking for a job
- a. Yes, not a FT student: Count for Question 31 = 1 and Question 28 is 2 or 88 or 99 and Question 52 is not 1
 - b. Yes, FT student: Count for Question 31 = 1 and Question 28 is 2 or 88 or 99 and Question 52 = 1
 - c. No: Count for Question 31 = 2 and Question 28 is 2 or 88 or 99
 - d. No response: Count for Question 31 is 88 or 99 and Question 28 is 2 or 88 or 99
- 63) Q. 33: Main job permanent, temporary or seasonal
- a. Seasonal: Count for Question 33 = 1 and Question 28 = 1
 - b. Temporary: Count for Question 33 = 2 and Question 28 = 1
 - c. Permanent: Count for Question 33 = 3 and Question 28 = 1
 - d. No response: Count for Question 33 is 88 or 99 and Question 28 = 1
- 64) Q. 37: Average hours worked in main job
- a. Number employed full-time: Count for Question 37 \geq 30 and Question 28 = 1 and Question 37 is not 8888 or 9999
 - b. Number employed part-time: Count for Question 37 is between 1 and 29 and Question 28 = 1 and Question 37 is not 8888 or 9999
 - c. No response: Count for Question 28 = 1 and Question 37 = 0 or 8888 or 9999
 - d. Average # of hours: Average the values in Question 37 for Question 37 > 0 and Question 28 = 1 and Question 37 is not 8888 or 9999. Round to 0 decimals.
- 65) Q. 38-41: Number of respondents with an income and their average gross monthly salary or earnings in main job
- a. Number of Responses where Income is Available: Count for Question 28 = 1 and
 - i. If Question 40 = 1 and
Question 40 calculation (q40calc) is not 0, 8888888 or 9999999
PLUS
 - ii. If Question 40 is 2 or 88 or 99 and
Question 41 is not 0, 8888888 or 9999999 PLUS
 - iii. If Question 40 is 88 or 99 and Question 41 is 0, 8888888 or 9999999,
then look at Questions 37, 38 and 39. Include the response if
(Question 39 is not 0, 8, 88 or 99 and Question 38 is not 0, 8888888
or 9999999 and not (Question 39 is 2 or 3 and Question 37 is 8888 or
9999))

- b. Number of Responses where Income is Not Available (A ‘No’ response):
Count for Question 28 = 1 and
 - i. If Question 40 = 1 and
Question 40 calculation (q40calc) is 0, 8888888 or 9999999 PLUS
 - ii. If Question 40 = 2 and
Question 41 is 0, 888888 or 999999 PLUS
 - iii. If Question 40 is 88 or 99 and
Question 41 is 0, 888888 or 999999 and (Question 39 is 0, 8, 88 or 99 or Question 38 is 0, 888888 or 999999) or (Question 39 is 2 or 3 and Question 37 is 888 or 999)
 - c. Average monthly salary for those with an income: For each respondent counted in 59(a), calculate the monthly salary (as per the methodology outlined in Appendix A). Then add all the monthly salaries for those respondents and divide that sum by that number of respondents.
- 66) Q. 37 + 43: Average hours worked in all jobs combined
- a. Responses: Count for (Question 28 = 1 and Question 37 is not 0 or 8888 or 9999) or (Question 28 = 1 and Question 43 is not 0 or 8888 or 9999)
 - b. No response: Count for Question 28 = 1 and Question 37 is 0 or 8888 or 9999 and Question 43 is 0 or 8888 or 9999
 - c. Value: Average of Question 37 (as long as Question 37 is not 8888 or 9999) combined with Question 43 (as long as Question 43 is not 8888 or 9999) for (Question 28 = 1 and Question 37 is not 0 or 8888 or 9999) or (Question 28 = 1 and Question 43 is not 0 or 8888 or 9999) Round to 0 decimals.
- 67) Q. 42a: How is main job related – general skills & abilities
- a. Very Related: Count for Question 42a = 3 and Question 28 = 1
 - b. Somewhat Related: Count for Question 42a = 2 and Question 28 = 1
 - c. Not Related: Count for Question 42a = 1 and Question 28 = 1
 - d. No response -- Count for Question 42a is 88 or 99 and Question 28 = 1
- 68) Q. 42b: How is main job related – subject area knowledge
- a. Very Related: Count for Question 42b = 3 and Question 28 = 1
 - b. Somewhat Related: Count for Question 42b = 2 and Question 28 = 1
 - c. Not Related: Count for Question 42b = 1 and Question 28 = 1
 - d. No response: Count for Question 42b is 88 or 99 and Question 28 = 1
- 69) Q. 42c: To what extent is the work related to the program
- a. Very Related: Count for Question 42c = 3 and Question 28 = 1
 - b. Somewhat Related: Count for Question 42c = 2 and Question 28 = 1
 - c. Not Related: Count for Question 42c = 1 and Question 28 = 1
 - d. No response: Count for Question 42c is 88 or 99 and Question 28 = 1
- 70) Q. 44: Average monthly gross salary or earnings in other jobs
- a. Responses: Count for Question 28 = 1 and Question 29 is between 2 and 87 and Question 43 > 0 and Question 44 is not 888888 or 999999 and Question 45 is not 8, 88 or 99 and not (Question 45 is 2 or 3 and Question 43 is 8888 or 9999).

- b. No response: Count for Question 28 = 1 and Question 29 is between 2 and 87 and Question 44 is 888888 or 999999 or Question 45 is 8, 88 or 99 or (Question 45 is 2 or 3 and Question 43 is 8888 or 9999).
 - c. Value: Calculate average monthly salary (See Monthly Salary Calculation below) for Question 28 = 1 and Question 43 > 0 and Question 44 > 0 and Question 29 is between 2 and 98 and Question 44 is not 888888 or 999999 and Question 45 is not 8, 88 or 99 and not (Question 45 is 2 or 3 and Question 43 is 8888 or 9999). Round to 2 decimals.
- 71) Q. 46a: How are other jobs related – general skills and abilities
- a. Very: Count for Question 46a = 3 and Question 28 = 1 and Question 29 is between 2 and 87
 - b. Somewhat: Count for Question 46a = 2 and Question 28 = 1 and Question 29 is between 2 and 87
 - c. Not: Count for Question 46a = 1 and Question 28 = 1 and Question 29 is between 2 and 87
 - d. No response: Count for Question 46a is 88 or 99 and Question 28 = 1 and Question 29 is between 2 and 87
- 72) Q. 46b: How are other jobs related – subject area knowledge
- a. Very: Count for Question 46b = 3 and Question 28 = 1 and Question 29 is between 2 and 87
 - b. Somewhat: Count for Question 46b = 2 and Question 28 = 1 and Question 29 is between 2 and 87
 - c. Not: Count for Question 46b = 1 and Question 28 = 1 and Question 29 is between 2 and 87
 - d. No response: Count for Question 46b is 88 or 99 and Question 28 = 1 and Question 29 is between 2 and 87
- 73) Q. 46c: How are other jobs related to your program
- a. Very: Count for Question 46c = 3 and Question 28 = 1 and Question 29 is between 2 and 87
 - b. Somewhat: Count for Question 46c = 2 and Question 28 = 1 and Question 29 is between 2 and 87
 - c. Not: Count for Question 46c = 1 and Question 28 = 1 and Question 29 is between 2 and 87
 - d. No response: Count for Question 46c is 88 or 99 and Question 28 = 1 and Question 29 is between 2 and 87
- 74) Q. 48: How qualified for main job
- a. Very overqualified: Count for Question 48 = 5 and Question 28 = 1
 - b. Somewhat overqualified: Count for Question 48 = 4 and Question 28 = 1
 - c. Qualified: Count for Question 48 = 3 and Question 28 = 1
 - d. Somewhat under-qualified: Count for Question 48 = 2 and Question 28 = 1
 - e. Very under-qualified: Count for Question 48 = 1 and Question 28 = 1
 - f. No response: Count for Question 48 is 88 or 99 and Question 28 = 1
- 75) Q. 49: How satisfied with main job
- a. Very satisfied: Count for Question 49 = 4 and Question 28 = 1
 - b. Satisfied: Count for Question 49 = 3 and Question 28 = 1

- c. Dissatisfied: Count for Question 49 = 2 and Question 28 = 1
 - d. Very Dissatisfied: Count for Question 49 = 1 and Question 28 = 1
 - e. No response: Count for Question 49 is 88 or 99 and Question 28 = 1
- 76) Q. 50: Currently in a post-secondary program, do not have a job and are not looking for a job
- a. Yes: Count for Question 50 = 1 and Question 28 = 2 or 88 or 99 and Question 31 = 2
 - b. No: Count for Question 50 = 2 and Question 28 = 2 or 88 or 99 and Question 31 = 2
 - c. No response: Count for Question 50 is 88 or 99 and Question 28 = 2 or 88 or 99 and Question 31 = 2
- 77) Q. 52: Enrolled primarily as a student and do not have a job and are not looking for a job
- a. Number of full-time students: Count for Question 52 = 1 and Question 28 = 2 or 88 or 99 and Question 50 = 1 and Question 31 = 2
 - b. Number of part-time students: Count for Question 52 = 2 and Question 28 = 2 or 88 or 99 and Question 50 = 1 and Question 31 = 2
 - c. No response: Count for Question 52 is 88 or 99 and Question 28 = 2 or 88 or 99 and Question 50 = 1 and Question 31 = 2
- 78) Q. 54: Have received government-sponsored student loans
- a. Yes: Count for Question 54 = 1
 - b. No: Count for Question 54 = 2
 - c. No response: Count for Question 54 is 88 or 99
- 79) Q. 55: Average accumulated student loans
- a. Responses: Count for Question 55 > 0 and Question 55 is not 888888 or 999999 and Question 54 = 1
 - b. No response: Count for Question 55 is 0, 888888 or 999999 and Question 54 = 1
 - c. Value: Average Question 55 for Question 55 > 0 and Question 55 is not 888888 or 999999 and Question 54 = 1. Round to 2 decimals.
- 80) Q. 56: Have received scholarships, grants or bursaries
- a. Yes: Count for Question 56 = 1
 - b. No: Count for Question 56 = 2
 - c. No response: Count for Question 56 is 88 or 99
- 81) Q. 57: Average accumulated scholarships, grants or bursaries
- a. Responses: Count for Question 57 > 0 and Question 57 is not 888888 or 999999 and Question 56 = 1
 - b. No response: Count for Question 57 is 0, 888888 or 999999 and Question 56 = 1
 - c. Value: Average Question 57 for Question 57 > 0 and Question 57 is not 888888 or 999999 and Question 56 = 1. Round to 2 decimals.
- 82) Q. 58: Have received non-government financing
- a. Yes: Count for Question 58 = 1
 - b. No: Count for Question 58 = 2
 - c. No response: Count for Question 58 is 88 or 99
- 83) Q. 59: Average accumulated non-governmental borrowing

- a. Responses: Count for Question 59 > 0 and Question 59 is not 888888 or 999999 and Question 58 = 1
 - b. No response: Count for Question 59 is 0, 888888 or 999999 and Question 58 = 1
 - c. Value: Average Question 59 for Question 59 > 0 and Question 59 is not 888888 or 999999 and Question 58 = 1
- 84) Q. 61: Average age
- a. Responses: Count for Question 61 > 0 and Question 61 is not 88 or 99
 - b. No Response: Count for Question 61 = 0 or Question 61 is 88 or 99
 - c. Value: Average Question 61 for Question 61 > 0 and Question 61 is not 88 or 99. Round to 2 decimals.
- 85) Q. 62: Marital status when starting program
- a. Single: Count for Question 62 = 1
 - b. Married/Common Law: Count for Question 62 = 2
 - c. Divorced/Widowed: Count for Question 62 = 3
 - d. No response: Count for Question 62 is 88 or 99
- 86) Q. 63: Number of dependents when starting program
- a. None: Count for Question 63 = 0
 - b. One: Count for Question 63 = 1
 - c. Two: Count for Question 63 = 2
 - d. Three: Count for Question 63 = 3
 - e. More than three: Count for Question 63 is between 4 and 87
 - f. No response: Count for Question 63 is 88 or 99
- 87) Q. 64: Is an aboriginal person
- a. Yes: Count for Question 64 = 1
 - b. No: Count for Question 64 = 2
 - c. No response: Count for Question 64 is 88 or 99
- 88) Q. 65: Aboriginal status
- a. Status Indian: Count for Question 65 = 1 and Question 64 = 1
 - b. Non-status Indian: Count for Question 65 = 2 and Question 64 = 1
 - c. Inuit: Count for Question 65 = 3 and Question 64 = 1
 - d. Metis: Count for Question 65 = 4 and Question 64 = 1
 - e. Other: Count for Question 65 = 5 and Question 64 = 1
 - f. No response: Count for Question 65 is 88 or 99 and Question 64 = 1
- 89) Q. 66: Is a member of a visible minority
- a. Yes: Count for Question 66 = 1 and Question 64 = 2 or 88 or 99
 - b. No: Count for Question 66 = 2 and Question 64 = 2 or 88 or 99
 - c. No response: Count for Question 66 is 88 or 99 and Question 64 = 2 or 88 or 99
- 90) Q. 67: Is a person with a disability
- a. Yes: Count for Question 67 = 1
 - b. No: Count for Question 67 = 2
 - c. No response: Count for Question 67 is 88 or 99
- 91) Q. 69: Highest education level attained by parents/guardians
- a. University Degree: Count for Question 69 = 6 or 7
 - b. College/Tech. Credential: Count for Question 69 = 5

- c. Some post-secondary: Count for Question 69 = 4
 - d. Complete High School: Count for Question 69 = 3
 - e. Other: Count for Question 69 is 1 or 2 or 7 and Question 69 is not 88 or 99
 - f. No response: Count for Question 69 is 88 or 99
-

APPENDIX A

Monthly Salary Calculation

For the main salary only:

- If Question 40 = 1 and Question 40 calculation (q40calc) is not 0, 888888 or 999999
 - Question 40 calculation
- If Question 40 is 2 or 88 or 99 and Question 41 is not 0, 888888 or 999999
 - Question 41
- If Question 40 is 88 or 99 and Question 41 is 0, 888888 or 999999 (Calculate Yearly)
 - If Question 39 is 1 (Yearly)
 - Question 38
 - If Question 39 is 2 (Monthly)
 - Question 38 * 12
 - If Question 39 is 3 (Hourly) and Question 37 is not 8888 or 9999
 - Question 37 * Question 38 * 52
 - If Question 39 is 4 (Daily) and Question 37 is not 8888 or 9999
 - If Question 37 >= 37.5 hours
 - Question 38 * 250 Working Days
 - If Question 37 < 37.5 hours
 - (Question 37 * 52 weeks) / 7.5 hours = Working Days
 - RoundUp(Working Days) * Question 38
 - If Question 39 is 5 (Weekly)
 - Question 38 * 52
 - If Question 39 is 6 (Bi-weekly)
 - Question 38 * 26
 - If Question 39 is 7 (Semi-Monthly)
 - Question 38 * 24
 - If Question 39 is 8 (Other)
 - nothing returned
 - Otherwise
 - nothing returned

(Value from list above) / 12, rounded to 2 decimal places.

For the other salary only:

- If Question 45 is 1 (Yearly)
 - Question 44
- If Question 45 is 2 (Monthly)
 - Question 44 * 12
- If Question 45 is 3 (Hourly) and Question 43 is not 8888 or 9999
 - Question 43 * Question 44 * 52

- If Question 45 is 4 (Daily) and Question 43 is not 8888 or 9999
 - If Question 43 \geq 37.5 hours
 - Question 44 * 250 Working Days
 - If Question 43 < 37.5 hours
 - $(\text{Question 43} * 52 \text{ weeks}) / 7.5 \text{ hours} = \text{Working Days}$
 - $\text{RoundUp}(\text{Working Days}) * \text{Question 44}$
- If Question 45 is 5 (Weekly)
 - Question 44 * 52
- If Question 45 is 6 (Bi-weekly)
 - Question 44 * 26
- If Question 45 is 7 (Semi-Monthly)
 - Question 44 * 24
- If Question 45 is 8 (Other)
 - nothing returned
- Otherwise
 - nothing returned

(Value from list above) / 12, rounded to 2 decimal places.

* Note on Daily salary calculation: The calculation needs to determine how many days per year the respondent works. For example, if a respondent earns \$100 per day and reported working 24 hours per week, then it is assumed that they work 166.4 days per year; $(24 * 52 / 7.5)$ rounded up. Therefore, the monthly salary is calculated to be 167 days per year times \$100 per day divided by 12 equals \$1,391.67 per month.

Another example, if a respondent earns \$100 per day and reported working 40 hours per week, then it is assumed they worked the maximum of 250 days that year. Therefore, the monthly salary is calculated to be 250 days per year times \$100 per day divided by 12 equals \$2,083.33 per month.

APPENDIX B

Labor Force, Employment Rate and Labor Rate Calculations For KPIRS Graduate Employment Reports

Labor Force

The sum of three figures (a + b + c):

- a) Currently have one job
 - e. Count for Question 28 = 1 and Question 29 is 1, 88 or 99
- b) PLUS currently have more than one job
 - a. Count for Question 28 = 1 and Question 29 is between 2 and 87
- c) PLUS currently looking for a job but not a full-time student
 - a. Count for Question 31 = 1 and Question 28 is 2 or 88 or 99 and Question 52 is not 1

Employment Rate

Employed students divided by the labor force ((a + b) / c)

- a) Currently have one job
 - a. Count for Question 28 = 1 and Question 29 is 1, 88 or 99
- b) PLUS currently have more than one job
 - a. Count for Question 28 = 1 and Question 29 is between 2 and 87
- c) DIVIDED BY the total Labor Force

Labor Rate

Total employed students plus unemployed students divided by the total responses to Question 28 ((a + b + c) / d)

- a) Currently have one job
 - f. Count for Question 28 = 1 and Question 29 is 1, 88 or 99
- b) PLUS currently have more than one job
 - a. Count for Question 28 = 1 and Question 29 is between 2 and 87
- c) PLUS currently looking for a job but not a full-time student
 - a. Count for Question 31 = 1 and Question 28 is 2 or 88 or 99 and Question 52 is not 1
- d) DIVIDED BY total responses to Question 28
 - a. Count for Question 28 is 1 or 2

APPENDIX C

Source Data Corrections

Source data corrections are made because during the course of an interview, the surveyor does not follow the path of the survey but potentially corrects midway through. The corrections are used to ensure consistent results for KPIRS reporting.

Corrections were made to Medicine Hat program ids and specialization codes to match values within KPIRS and PRS. In these cases the zero in front of the program number was missing; e.g. ### should have been 0###.

Several corrections were made to ID specific records in consultation with Inshtrix to ensure the accuracy of the data. Each record which did not conform to the validation process was evaluated for its flow through the survey instrument. These records were supplied back to Inshtrix for their correction.

All corrections are in place prior to any calculations, such as Monthly Salary and others.