

APPENDIX C

OTS DERIVED VARIABLE SPECIFICATIONS

F1 and F2 Surveys (C1 to C6)

SMOKING STATUS

dvsmksr_X **Self report smoking status at present time**
Equivalent to SB1

| dvsmksr | DESCRIPTION | CONDITION |
|---------|---------------------|-----------|
| 1 | Every day | SB1=1 |
| 2 | Almost every day | SB1=2 |
| 3 | Occasionally | SB1=3 |
| 4 | Not at all | SB1=4 |
| 5 | I have never smoked | SB1=5 |

Coverage: All respondents

dvTSsmk5_X **Smoking status – Mills, Stephens, Wilkins Workshop Report**
Based on SB1, SB2, SB3

| dvTSsmk5 | DESCRIPTION | CONDITION |
|----------|--------------------------------|--|
| 1 | Never smoked (never 100 cig) | SB1=5 OR SB2=2 |
| 2 | Formerly smoked (>= 1yr) | (SB1=4 & SB3>=5) & SB2=1 |
| 3 | Recently quit (30 days to 1yr) | (SB1=4 & (SB3=3,4)) & SB2=1 OR (SB1=3 & (SB3=3,4)) & SB2=1 |
| 4 | Non-daily smoking | (SB1=2 OR SB3=1,2) & SB2=1 |
| 5 | Daily smoking | SB1=1 & SB2=1 |
| 6 | Don't know | |
| 9 | Refusal | |

Coverage: All respondents

dvTSsmk3_X **Smoking status – Mills, Stephens, Wilkins Workshop Report**
Based on dvTSsmk5

| dvTSsmk3 | DESCRIPTION | CONDITION |
|----------|------------------------------|--------------|
| 1 | Never smoked (never 100 cig) | dvTSsmk5=1 |
| 2 | Formerly smoked | dvTSsmk5=2,3 |
| 3 | Current smoking | dvTSsmk5=4,5 |
| 6 | Don't know | |
| 9 | Refusal | |

Coverage: All respondents

dvTSsmk2_X**Smoking status – Mills, Stephens, Wilkins Workshop Report**
Based on dvTSsmk3

| dvTSsmk2 | DESCRIPTION | CONDITION |
|----------|-----------------------------------|--------------|
| 1 | Non-current (not in past 30 days) | dvTSsmk3=1,2 |
| 2 | Current smoking | dvTSsmk3=3 |
| 6 | Don't know | |
| 9 | Refusal | |

Coverage: All respondents

dvHCsmk5_X**Smoking status – Health Canada definition**
Based on SB1, SB2, SB3

| dvHCsmk5 | DESCRIPTION | CONDITION |
|----------|--------------------|------------------------------|
| 1 | Never smoker | SB1=5 OR SB1=4 & SB2=2 |
| 2 | Long-term quitter | SB1=4 & SB2=1 & SB3>=5 |
| 3 | Short-term quitter | SB1=4 & SB2=1 & SB3<5 |
| 4 | Non-daily smoker | SB1=3 |
| 5 | Daily smoker | SB1=1,2 |
| 6 | Don't know | |
| 9 | Refusal | |

Coverage: All respondents

dvHCsmk3_X**Smoking status – Health Canada definition**
Based on dvHCsmk5

| dvHCsmk3 | DESCRIPTION | CONDITION |
|----------|----------------|--------------|
| 1 | Never smoker | dvHCsmk5=1 |
| 2 | Former smoker | dvHCsmk5=2,3 |
| 3 | Current smoker | dvHCsmk5=4,5 |
| 6 | Don't know | |
| 9 | Refusal | |

Coverage: All respondents

dvHCsmk2_X**Smoking status – Health Canada definition**

Based on dvHCsmk3

| dvHCsmk2 | DESCRIPTION | CONDITION |
|----------|----------------|--------------|
| 1 | Non-smoker | dvHCsmk3=1,2 |
| 2 | Current smoker | dvHCsmk3=3 |
| 6 | Don't know | |
| 9 | Refusal | |

Coverage: All respondents

dvCDCsmk3_X**Smoking status – Centre for Disease Control definition**

Based on SB1, SB2

| dvCDCsmk3 | DESCRIPTION | CONDITION |
|-----------|----------------|----------------------|
| 1 | Never smoker | SB1=5 OR SB2=2 |
| 2 | Former smoker | SB1=4 & SB2=1 |
| 3 | Current smoker | SB1=1,2,3 & SB2=1 |
| 6 | Don't know | |
| 9 | Refusal | |

Coverage: All respondents

dvCDCsmk2_X**Smoking status – Centre for Disease Control definition**

Based on dvCDCsmk3

| dvCDCsmk2 | DESCRIPTION | CONDITION |
|-----------|----------------|---------------|
| 1 | Non-smoker | dvCDCsmk3=1,2 |
| 2 | Current smoker | dvCDCsmk3=3 |
| 6 | Don't know | |
| 9 | Refusal | |

Coverage: All respondents

dvCAMHsmk3_X Smoking status – CAMH Monitor/OTRU definition
Based on SB1, SB2, SB3

| dvCAMHsmk3 | DESCRIPTION | CONDITION |
|------------|----------------|---|
| 1 | Never smoker | SB1=5 OR SB2=2 |
| 2 | Former smoker | SB1=4 & SB2=1 & SB3>=3 OR SB1=3 & SB2=1 & SB3>=3 |
| 3 | Current smoker | SB1=1,2 & SB2=1 OR SB1=3 & SB3=1,2 & SB2=1 OR SB1=4 & SB2=1 & SB3=1,2 |
| 6 | Don't know | |
| 9 | Refusal | |

Coverage: All respondents

dvCAMHsmk5_X Smoking status – CAMH Monitor/OTRU definition
Based on dvCAMHsmk3, SB1, SB3

| dvCAMHsmk5 | DESCRIPTION | CONDITION |
|------------|-------------------|------------------------|
| 1 | Never smoker | dvCAMHsmk3=1 |
| 2 | Former 1yr+ | dvCAMHsmk3=2 & SB3>=5 |
| 3 | Former 30d – 1yr | dvCAMHsmk3=2 & SB3<5 |
| 4 | Occasional smoker | dvCAMHsmk3=3 & SB1=3,4 |
| 5 | Daily smoker | dvCAMHsmk3=3 & SB1=1,2 |
| 6 | Don't know | |
| 9 | Refusal | |

Coverage: All respondents

dvCAMHsmk2_X Smoking status – CAMH Monitor/OTRU definition
Based on dvCAMHsmk5

| dvCAMHsmk2 | DESCRIPTION | CONDITION |
|------------|----------------|------------------|
| 1 | Non-smoker | dvCAMHsmk5=1,2,3 |
| 2 | Current smoker | dvCAMHsmk5=4,5 |
| 6 | Don't know | |
| 9 | Refusal | |

Coverage: All respondents

SMOKING BEHAVIOURS

dv100cig_X **Smoked 100+ cigarettes in lifetime**
Equivalent to SB2

| dv100cig | DESCRIPTION | CONDITION |
|----------|-------------|-----------|
| 1 | Yes | SB2=1 |
| 2 | No | SB2=2 |
| 6 | Don't know | |
| 9 | Refusal | |

Coverage: All respondents, excluding "I have never smoked a cigarette"

dvlastcig_X **Time since last cigarette**
Based on SB3

| dvlastcig | DESCRIPTION | CONDITION |
|-----------|----------------------------|-----------|
| 1 | 1 week or less | SB3=1 |
| 2 | > one week but < one month | SB3=2 |
| 3 | 1 – 6 months | SB3=3 |
| 4 | 7 – 12 months | SB3=4 |
| 5 | 13 to 18 months | SB3=5 |
| 6 | 18 – 24 months | SB3=6 |
| 6 | More than 5 years | SB3=7 |
| 66 | Don't know | |
| 77 | Valid skip | |
| 99 | Refusal | |

Coverage: Recent smokers presently smoking occasionally or 'not at all', and all non-smokers (did not smoke a cigarette in the past 6months) who have smoked 100+ cigarettes in their lifetime

dvdayssmk_X **Total number of weekdays/weekend days smoked per month**
Based on SB5, SB5num, SB6, SB6num

| Dvdayssmk | DESCRIPTION | CONDITION |
|---------------------------|-----------------------|-----------------------------|
| Value (range: 0 to 34) | Number of days smoked | dvdayssmk = SB5num + SB6num |
| 6666 | Don't know | |
| 7777 | Valid skip | |
| 9999 | Refusal | |

Coverage: Current smokers (Note: where SB4=30, assigned SB5num=8 and SB6num=22)

dvavgcons_X

Average number of cigarettes consumed daily

Based on SB5num, SB6num, SB7, SB7num, SB8, SB8num

| Dvavgcons | DESCRIPTION | CONDITION |
|----------------------------|--------------------------|---|
| Value (range: 0 to 100) | Avg # cig consumed daily | $dvavgcons = ((SB7num * SB5num) + (SB8num * SB6num)) / (SB5num + SB6num)$ |
| 6666 | Don't know | |
| 7777 | Valid skip | |
| 9999 | Refusal | |

Coverage: Current smokers

ADDICTION QUESTIONS

dvad2_X

Time to first cigarette (minutes)

Based on AD2, AD2min, AD2hr (recoded to minutes)

| dvad2 | DESCRIPTION | CONDITION |
|-------|------------------------------------|---|
| Value | Time to first cigarette in minutes | $dvavgcons = (SB7num * SB5num) + (SB8num * SB6num)$ |
| 6666 | DK | |
| 7777 | Valid skip | |
| 9999 | R | |

Coverage: Daily or almost every day smokers (100+ cig)

dvhsi_X**Heaviness of Smoking Index**
Based on dvavgcons and dvad2

| dvHSI | DESCRIPTION | CONDITION |
|-------|-------------|--|
| 0 | HSI=0 | dvad2 > 60 & dvavgcons < 11 |
| 1 | HSI=1 | dvad2 = 31 thru 60 & dvavgcons < 11 OR dvad2 > 60 & dvavgcons = 11 thru 20 |
| 2 | HSI=2 | dvad2 = 6 thru 30 & dvavgcons < 11 OR dvad2 > 60 & dvavgcons = 21 thru 30 OR dvad2 = 31 thru 60 & dvavgcons = 11 thru 20 |
| 3 | HSI=3 | dvad2 < 6 & dvavgcons < 11 OR dvad2 > 60 & dvavgcons > 30 OR dvad2 = 31 thru 60 & dvavgcons = 21 thru 30 OR dvad2 = 6 thru 30 & dvavgcons = 11 thru 20 |
| 4 | HSI=4 | dvad2 < 6 & dvavgcons = 11 thru 20 OR dvad2 = 31 thru 60 & dvavgcons > 30 OR dvad2 = 6 thru 30 & dvavgcons = 21 thru 30 |
| 5 | HSI=5 | dvad2 < 6 & dvavgcons = 21 thru 30 OR dvad2 = 6 thru 30 & dvavgcons > 30 |
| 6 | HSI=6 | dvad2 < 6 & dvavgcons > 30 |
| 66 | Don't know | |
| 77 | Valid skip | |
| 99 | Refusal | |

Coverage: Daily or almost every day smokers (100+ cig)

dvhsi3_X**Heaviness of Smoking Index**
Based on dvavgcons and dvad2

| dvHSI3 | DESCRIPTION | CONDITION |
|--------|-------------|------------------|
| 0 | HSI = 0,1,2 | dvhsi = 0 thru 2 |
| 1 | HSI = 3,4 | dvhsi = 3 or 4 |
| 2 | HSI = 5,6 | dvhsi = 5 or 6 |
| 6 | Don't know | |
| 7 | Valid skip | |
| 9 | Refusal | |

Coverage: Daily or almost every day smokers (100+ cig)

POINT OF PURCHASE

dvbrandg_X **Brand of cigarettes usually smoked (grouped)**
Based on PP1

| dvbrandg | DESCRIPTION | CONDITION |
|----------|------------------------------|--------------------------------------|
| 1 | Provided brand | PP1=brand |
| 222 | Native or reserve cigarettes | PP1=04 [C6 only] |
| 333 | Other brand | PP1=101 [C1 – C3] |
| 444 | Roll your own | PP1=100 [C1 – C3] / PP1=03 [C4 – C6] |
| 555 | No regular brand | PP1=99 [C1 – C3] / PP1=02 [C4 – C6] |
| 666 | Don't know | |
| 777 | Valid skip | |
| 999 | Refusal | |

Coverage: Self report smokers

DEMOGRAPHS

dvsex_0 **Sex of respondent**
Based on Q6 in recruitment

| dvsex | DESCRIPTION | CONDITION |
|-------|-------------|-----------|
| 1 | Female | Q6=1 |
| 2 | Male | Q6=2 |

Coverage: All respondents

dvageg_0 **Respondent age group**
Based on DE1, DE1a

| dvageg | DESCRIPTION | CONDITION |
|--------|-------------------|----------------------------|
| 1 | 18-24 | DE1a=1 or DE1 = 18 thru 24 |
| 2 | 25-34 | DE1a=2 or DE1 = 25 thru 34 |
| 3 | 35-44 | DE1a=3 or DE1 = 35 thru 44 |
| 4 | 45-54 | DE1a=4 or DE1 = 45 thru 54 |
| 5 | 55-64 | DE1a=5 or DE1 = 55 thru 64 |
| 6 | 65 years and over | DE1a=6 or DE1 >= 65 |

Coverage: All respondents

NOTE: this is the age of respondents at baseline; some respondents may not include their age at BL and are subsequently asked for this again at follow-up. This variable – dvage_0 – at follow-up includes newly reported age of the respondent, adjusted to reflect age at the time of recruitment (i.e., age at baseline).

dvhealth_X**Perceived health of respondent**

Based on QB5, DE3

| dvhealth | DESCRIPTION | CONDITION |
|----------|---|----------------|
| 1 | Excellent | QB5=1 OR DE3=1 |
| 2 | Very good | QB5=2 OR DE3=2 |
| 3 | Good | QB5=3 OR DE3=3 |
| 4 | Fair | QB5=4 OR DE3=4 |
| 5 | Poor | QB5=5 OR DE3=5 |
| 6 | Don't know | QB5=6 OR DE3=6 |
| 9 | Refusal | QB5=9 OR DE3=9 |
| 99999 | Question not asked at time of interview | |

Coverage: All respondents

dvfollowup_1

Participants who responded to the follow-up 1 interview

| dvfollowup_1 | DESCRIPTION | CONDITION |
|--------------|------------------------------------|------------------------------|
| 0 | Participants not interviewed at F1 | dvsmskr_1 = 99999 |
| 1 | Participants interviewed at F1 | dvsmskr_1 not equal to 99999 |

Coverage: All respondents

dvfollowup_2

Participants who responded to the follow-up 1 interview

| dvfollowup_2 | DESCRIPTION | CONDITION |
|--------------|------------------------------------|------------------------------|
| 0 | Participants not interviewed at F2 | dvsmskr_2 = 99999 |
| 1 | Participants interviewed at F2 | Dvsmskr_2 not equal to 99999 |

Coverage: All respondents