

Derived Variables–Social Participation (SPA) (Tracking and Comprehensive Assessments)

There are two derived variables (DVs) in the Social Participation (SPA) module: a flag for participation in community-related activities, and the frequency of this participation. These DVs are created for participants in both the Tracking and Comprehensive assessments. For simplicity, we describe them here for the Tracking assessment, however, the process of creating the DVs for the Comprehensive assessment is identical. Distinguishing the two are the variable name endings; all variable names in the Tracking assessment end in ‘TRM’ and in the Comprehensive assessment in ‘COM’. For example, the DV named SPA_DFRE_TRM in the Tracking assessment is named SPA_DFRE_COM in the Comprehensive assessment.

1) Flag for Participation in Community-Related Activities

Derived Variable Name: SPA_FPAR_TRM

Description: This is a flag variable which indicates whether a respondent participated in community-related activities. A “participant” is defined as someone who engaged in at least one type of community-related activity in the past year. A “nonparticipant” is defined as someone who has not engaged in any of the eight listed community-related activities at all in the past 12 months.

This DV is similar to the variable “SPAFPAR” in Statistics Canada’s Canadian Community Health Survey (CCHS) – Healthy Aging.

Based on:

SPA_OUTS_TRM	SPA_CHRCH_TRM	SPA_SPORT_TRM	SPA_EDUC_TRM
SPA_CLUB_TRM	SPA_NEIBR_TRM	SPA_VOLUN_TRM	SPA_OTACT_TRM

Derived Variable Specifications:

Value	Condition(s)	Description
1	SPA_OUTS_TRM=(1,2,3,4) or SPA_CHRCH_TRM=(1,2,3,4) or SPA_SPORT_TRM=(1,2,3,4) or SPA_EDUC_TRM=(1,2,3,4) or SPA_CLUB_TRM=(1,2,3,4) or SPA_NEIBR_TRM=(1,2,3,4) or SPA_VOLUN_TRM=(1,2,3,4) or SPA_OTACT_TRM=(1,2,3,4)	Participant in Community-Related Activities
2	SPA_OUTS_TRM=5 and SPA_CHRCH_TRM=5 and SPA_SPORT_TRM=5 and SPA_EDUC_TRM=5 and SPA_CLUB_TRM=5 and SPA_NEIBR_TRM=5 and SPA_VOLUN_TRM=5 and SPA_OTACT_TRM=5	Non-Participant in Community-Related Activities
9	All other combinations of the above variables	Inconclusive classification due to missing values

Note: For participants in the Comprehensive assessment, a further condition involves the variable NPB_STATUS_COM. If NPB_STATUS_COM ≠ 1, SPA_FPAR_COM is set to equal 9, “Inconclusive classification due to missing values”.

2) Frequency of Community-Related Activity Participation

Derived Variable Name: SPA_DFRE_TRM

Description: This variable categorizes respondents by the frequency of their participation in any type of community-related activity during the past 12 months.

This DV is similar to the variable “SPADFRE” in Statistics Canada’s Canadian Community Health Survey (CCHS) – Healthy Aging.

Based on:

SPA_OUTS_TRM	SPA_CHRCH_TRM	SPA_SPORT_TRM	SPA_EDUC_TRM	SPA_CLUB_TRM
SPA_NEIBR_TRM	SPA_VOLUN_TRM	SPA_OTACT_TRM	SPA_FPAR_TRM	

Derived Variable Specifications:

Value	Condition(s)	Description	Notes
9	SPA_FPAR_TRM = 9	At least one required question was not answered	
0	SPA_FPAR_TRM = 2	Did not participate in a community-related activity	
4	SPA_OUTS_TRM=1 or SPA_CHRCH_TRM=1 or SPA_SPORT_TRM=1 or SPA_EDUC_TRM=1 or SPA_CLUB_TRM=1 or SPA_NEIBR_TRM=1 or SPA_VOLUN_TRM=1 or SPA_OTACT_TRM=1	Participated in a community-related activity at least once a day (DAILY)	These participants have already been classified and are excluded from further classification.
3	SPA_OUTS_TRM=2 or SPA_CHRCH_TRM=2 or SPA_SPORT_TRM=2 or SPA_EDUC_TRM=2 or SPA_CLUB_TRM=2 or SPA_NEIBR_TRM=2 or SPA_VOLUN_TRM=2 or SPA_OTACT_TRM=2	Participated in a community-related activity at least once a week (WEEKLY)	These participants have already been classified and are excluded from further classification.
2	SPA_OUTS_TRM=3 or SPA_CHRCH_TRM=3 or SPA_SPORT_TRM=3 or SPA_EDUC_TRM=3 or SPA_CLUB_TRM=3 or SPA_NEIBR_TRM=3 or SPA_VOLUN_TRM=3 or SPA_OTACT_TRM=3	Participated in a community-related activity at least once a month (MONTHLY)	These participants have already been classified and are excluded from further classification.
1	SPA_OUTS_TRM=4 or SPA_CHRCH_TRM=4 or SPA_SPORT_TRM=4 or SPA_EDUC_TRM=4 or SPA_CLUB_TRM=4 or SPA_NEIBR_TRM=4 or SPA_VOLUN_TRM=4 or SPA_OTACT_TRM=4	Participated in a community-related activity at least once a year (YEARLY)	