

MOSAiCH COVID-19 survey W1+W2+W3 Beta: technical information

Context

The first wave of the MOSAiCH COVID-19 survey was fielded as part of the MOSAiCH 2020 survey. MOSAiCH is a yearly cross-sectional survey that focuses on the Swiss population's values and attitudes towards a wide range of social issues. At the core of the survey is the latest module of the International Social Survey Programme (ISSP), which focuses on environmental issues.

MOSAiCH 2020

Mode of data collection

The survey was conducted in a sequential mixed mode, where individuals were first asked to respond online. The option of responding on paper was then offered to include those who would not have access to the Internet or lack the necessary computer skills (push-to-web design).

Sampling procedure and target population

The nationally representative simple random sample for the survey comes from the sampling frame of the Federal Statistical Office (FSO) and is composed of individuals residing in Switzerland, living in a private household and aged 18 and over and speaking either German, French or Italian.

Survey design and fieldwork

The MOSAiCH 2020 survey was fielded in two sequential parts. Only respondents having answered to part 1 were invited to part 2. The initial mode of contact was postal mail. Respondents were encouraged to provide a valid email address to facilitate contact for part 2. In both parts, the contact procedure comprised of a prenotification, invitation and three reminders.

MOSAiCH COVID-19 survey waves 1, 2 and 3

Mode and sample inclusion

The COVID-19 questionnaire was administered as a complement to MOSAiCH 2020 part 2, which was on web and paper. However, most questions of wave 1 of the COVID-19 questionnaire were only included in the web version, as future waves would be conducted only on the web. Therefore, the COVID-19 survey data only include respondents having participated to the MOSAiCH survey via web.

Opt-out

At the end of the web questionnaire of the first wave, respondents were asked whether they would be willing to be recontacted for subsequent waves of the survey. Of the 2'498 raw web respondents, 66.5% gave their consent.

Weighting

A simple weight for each wave was calculated to correct for non-response based on the information from the FSO sample. The variables used were age, gender, marital status, nationality, country of birth, urban/rural, NUTS 2 region and household size. See separate documentation on weighting.

Table 1. Main characteristics of the MOSAiCH and COVID-19 surveys:

	MOSAiCH 2020		COVID-19		
	Part 1	Part 2	Wave 1	Wave 2	Wave 3
Field period	21.2. – 22.6.2020	30.4. – 13.7.2020	30.4. – 13.7.2020	2.10. – 1.11.2020	19.3. – 18.4.2021
Gross sample (people invited)	10'152	4'262	3'290	1'659	1'643
Nb of cases raw data	4491	3170	2498	1300	1245
Gross response rate (before cleaning)	43.5%	71.6%	75.9%	78.4%	75.8%
Share of paper questionnaires	23.4%	21.9%	n/a	n/a	n/a
Nb of cases in W1+2+3 Beta data			2440	1288	1232*
Gross response rate (after cleaning)			74.2%	77.6%	75.0%

*Common cases between w2 and w3: 1106

Merging the MOSAiCH 2020 and the MOSAiCH COVID-19 Data sets

The second part of MOSAiCH 2020 includes the first wave of MOSAiCH COVID-19. As the identification variable (IDNO) is the same, the data can be easily merged in order to extend the topics covered. However, there are some differences: (1) N is different because the rules for incomplete responses are applied differently in the two data sets, and because MOSAiCH 2020 includes paper-based respondents. (2) The paper questionnaire includes 15 COVID-19 questions. (3) In the MOSAiCH 2020 data set, variable names have been adapted to the MOSAiCH standard.

In other words, if you merge the two data sets, some questions will be duplicated, with a different name and a different missing data scheme. An excel table in the document [Merging MOSAiCH 2020 and MOSAiCH COVID-19](#) lists these variables and will help you decide which version to keep.