

EMIS-2017 & LAMIS Variable Manual

Version of 29th of March 2021, including information on the combined EMIS-2010–17 dataset, and the variant used in Latin America (LAMIS)

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1. Introduction

EMIS-2017 was a multi-language, internet based, self-completion survey for men-who-have-sex-with-men living in a specified list of European countries or one of a limited number of countries outside Europe. The survey was designed to indicate the levels and distributions of sexual health outcomes, risk and precaution behaviours, health promotion needs and the coverage (or uptake) of interventions.

Data collection occurred from 18 October 2017 (in Sweden, 19 October elsewhere) to 31 January 2018.

EMIS could be completed in any of 33 languages. The questions were identical in each language. The 33 language versions can be downloaded here:

<http://sigmaresearch.org.uk/questionnaires/tags/tag/EMIS-2017>

Partially completed surveys (moving away from the web page before pressing 'submit' at the end of the survey) were not captured.

The datasets available are national datasets (all men living in the same country, whatever language they completed the survey in) and multi-country datasets (men living in more than one country). Requests for access to data sets can be made to coordinator@emis-project.eu

This document describes the variables in the EMIS-2017 datasets. The datasets are supplied in IBM SPSS Statistics 24 and annotated with the survey questions (variable labels) and responses (value labels). Should these labels become detached from the data, this document can be used to reconstruct them. The survey questions have been numbered sequentially and that number is the name of the variable (preceded by the letter Q).

The Latin American Men-who-have-sex-with-men Internet Survey (LAMIS) was a self-completed, tri-lingual (Spanish, Portuguese, and Dutch), online survey of gay, bisexual, and other MSM living in 18 Latin American countries.

Data was collected from January 14 to May 13, 2018 (110 days).

LAMIS could be completed in any of the three languages, which were adapted from the EMIS version to meet regional needs. Few questions were slightly different which is highlighted in this manual. To access the questionnaires, permission must be sought from the [Ibero-American Network of Studies on Gay Men, Other Men-Having-Men and Trans People](#) (RIGHT). Partially completed survey data were not captured (someone who left the survey website before reaching the end of the survey and pressing the "submit" button)

Available databases are national databases (all men living in the same country, regardless of the language in which they completed the survey) and multi-country databases (men living in more than one country). Applications for access to the databases can be made by writing to:

acelly@ceeiscat.cat.

2. Cases Submitted and Non-Qualifiers

This section describes the number of cases submitted, the number excluded from the dataset because they did not meet the qualification criteria for the study and the number of qualifying submissions in each country. There were 144,305 cases in consolidated file at the close of fieldwork. 46 were online tests (carried out during the final stages of piloting), leaving 144,259 user submissions.

In LAMIS total of 68,800 cases were recorded in the consolidated file that was downloaded from the Demographix platform at the close of the study's dissemination and recruitment phase.

2.1 NON-QUALIFIERS

Respondents had to indicate they wished to take part in the survey by confirming that: they had read and understood the nature and purpose of the study; and they were at or over the age of homosexual consent in the country they live in (EMIS) *or being at least 18 years of age (LAMIS)*. People who did not indicate both of these conditions were taken to the end of the survey where they could submit their (blank) responses.

Non-qualifiers are cases from respondents who do not meet the criteria for inclusion in the study, which were: living in one of 57 specified countries and territories (see Table 1a) for EMIS-2017, *or living in one of the 18 Latin American countries (see Table 1b)*; identifying as a man or trans man; sexually attracted to men and/or having had sex with men. People who did not qualify for the study were offered the option of continuing to read, complete and submit the survey but were told their data would not be used. The following non-qualifying cases have been removed from the datasets.

Not providing consent to the research

EMIS-2017: 4289 cases did not indicate they had read and understood the purpose of the study (Q001). 1347 did not indicate they were old enough to have sex with men in the country they lived in (Q002 & Q003).

550 cases indicated neither condition.

Remaining were 139,173 cases who consented to take part in the study.

LAMIS: 2,749 cases indicated that they had not read and understood the purpose of the study (Q001). 984 cases indicated that they were under 18 years of age (Q002). 728 cases did not indicate either condition.

The remaining 65,794 cases agreed to participate in the study.

Not living in a qualifying country

EMIS-2017: 97 cases were missing country of residence (Q008).

817 cases gave a country of residence (Q008) outside the specified list (see Table 1).

Remaining were 138,259 consenting cases living in qualifying countries.

LAMIS: 62 cases did not complete the country of residence question (Q008).

187 cases indicated residence in a country (Q008) not included in the list of participating countries (see Table 1). There were 65,545 consenting cases left in one of the 18 participating countries

Not men

EMIS-2017: 410 cases indicated a gender identity (Q004) other than man (108 women, 94 trans women and 208 non-binary gender). Remaining were 137,849 men.

LAMIS: 373 cases indicated a gender identity (Q004) different from that of men (53 women, 40 trans women and 280 non-binary gender). There were 65,172 men left.

No evidence of homosexual desire or behaviour

EMIS-2017: 380 men gave neither evidence of homosexual desire (Q025) nor of ever having had sex with a man (Q172). Remaining were 137,469 men-who-have-sex-with-men (MSM, although some have not done so yet and some will never again).

LAMIS: 152 men provided no evidence of homosexual desire (Q025) or of having had sex with a man (Q172). There were 65,020 gay, bisexual and other men who have sex with men (MSM, although some have not yet had sex and others will never do so).

Missing age or age below age of consent

EMIS-2017: 2 cases were missing age (Q007).

109 cases gave an age below the age of sexual consent in the country they lived in (Q008).

Remaining were 137,358 qualifying cases.

LAMIS: 1 case did not answer the age question (Q007).

362 cases indicated an age below the age of majority (under 18) in the country of residence (Q008). 2 cases indicated an age of more than 100 years. There were 64,655 valid cases left.

2.2 QUALIFYING CASES

EMIS-2017: A total of 137,358 cases (95.3% of those submitted) met the qualifying criteria. The number of cases submitted, the number of non-qualifiers and the number of qualifying cases in each qualifying country is given in Table 1a.

LAMIS: A total of 64,655 cases (93.9% of those sent) met the inclusion criteria. The number of cases sent, the number of cases not included and the number of valid cases in each country are shown in Table 1b.

Table 1a: Cases Submitted and Non-Qualifiers in EMIS-2017

	SUBMITTED	Not men	No evidence of homosexual desire or behaviour	Below age of consent or missing age	QUALIFIERS
Albania	56	1	0	0	55
Andorra	22	2	1	1	18
Austria	2715	4	5	1	2705
Belarus	448	3	5	0	440
Belgium	3061	6	14	3	3038
Bosnia & Herzegovina	232	0	0	0	232
Bulgaria	1188	8	3	0	1177
Canada	6096	14	13	10	6059
Croatia	1020	1	4	0	1015
Cyprus	313	3	3	0	307
Czechia	1906	4	4	1	1897
Denmark	1708	4	4	3	1697
Estonia	214	1	1	0	212
Finland	1427	11	4	3	1409
France	10920	8	7	1	10904
France overseas	84	0	0	0	84

(...continued)

Table 1 (continued): Cases Submitted and Non-Qualifiers in EMIS-2017

	SUBMITTED	Not men	No evidence of homosexual desire or behaviour	Below age of consent or missing age	QUALIFIERS
Germany	23206	44	50	5	23107
Greece	2943	24	8	2	2909
Greenland	1	0	0	0	1
Hungary	2190	7	6	0	2177
Iceland	112	1	0	0	111
Ireland	2106	2	13	8	2083
Israel	1280	2	3	1	1274
Italy	11053	20	15	0	11018
Kosovo*	40	0	1	0	39
Latvia	253	1	0	0	252
Lebanon	264	1	4	2	257
Liechtenstein	5	0	0	0	5
Lithuania	371	1	0	0	370
Luxembourg	169	0	0	0	169
Malta	305	1	4	1	299
Moldova	500	0	2	0	498
Monaco	8	0	0	0	8
Montenegro	77	0	0	0	77
Netherlands	3863	4	6	2	3851
North Macedonia	177	1	1	0	175
Norway	2982	7	16	2	2957
Philippines	3638	92	35	4	3507
Poland	4035	6	3	1	4025
Portugal	2563	3	4	1	2555
Romania	2032	10	17	3	2002
Russia	6311	24	29	11	6247
San Marino	5	0	1	0	4
Serbia	1050	5	4	0	1041
Slovakia	1012	4	5	0	1003
Slovenia	689	2	2	0	685
Spain	10685	22	11	18	10634
Sweden	4484	10	30	1	4443
Switzerland	3394	9	5	2	3378
Turkey	1907	22	16	14	1855
Ukraine	1213	6	5	1	1201
UK, England	10159	9	13	9	10128
UK, Northern Ireland	242	0	0	0	242
UK, Scotland	1006	0	2	0	1004
UK, Wales	466	0	1	0	465
UK, Overseas	50	0	0	0	50
Vatican	3	0	0	0	3
Total	138259	410	380	111	137358

* This designation is without prejudice to positions on status and is in line with UNSCR 1244/1999 and the International Court of Justice Opinion on the Kosovo declaration of independence.

Table 1b: Cases Submitted and Non-Qualifiers in LAMIS

	SUBMITTED	Not men			No evidence of homosexual desire or behavior	Below age of consent or missing age	QUALIFIERS
		Women	Trans Women	Non-binary gender			
<i>Argentina</i>	5577	5	1	24	11	32	5504
<i>Bolivia</i>	783	1	0	5	13	16	748
<i>Brazil</i>	18331	17	12	59	29	75	18139
<i>Chile</i>	5022	2	4	22	14	35	4945
<i>Colombia</i>	8302	4	2	30	11	47	8208
<i>Costa Rica</i>	1024	0	0	2	4	6	1012
<i>Ecuador</i>	1475	1	3	10	13	8	1440
<i>El Salvador</i>	588	0	1	6	4	5	572
<i>Guatemala</i>	1178	2	3	7	4	5	1157
<i>Honduras</i>	665	0	1	4	6	8	646
<i>Mexico</i>	15148	4	9	75	17	86	14957
<i>Nicaragua</i>	551	3	0	7	3	4	534
<i>Panama</i>	778	1	0	4	6	8	759
<i>Paraguay</i>	604	6	1	1	2	3	591
<i>Peru</i>	2066	2	1	16	7	15	2025
<i>Suriname</i>	218	0	0	0	2	0	216
<i>Uruguay</i>	780	2	1	2	1	3	771
<i>Venezuela</i>	2455	3	1	6	5	9	2431
Total	65545	53	40	280	152	365	64655

2.3 NATIONAL DATASETS

EMIS-2017: National datasets are available for the following 43 countries (those with 100 or more qualifying cases):

Austria	Greece	Norway
Belarus	Hungary	Philippines
Belgium	Iceland	Poland
Bosnia and Herzegovina	Ireland (Republic)	Portugal
Bulgaria	Israel	Romania
Canada	Italy	Russia
Croatia	Latvia	Serbia
Cyprus	Lebanon	Slovakia
Czechia	Lithuania	Slovenia
Denmark	Luxembourg	Spain
Estonia	Malta	Sweden
Finland	Moldova	Switzerland
France	Netherlands	Turkey
Germany	North Macedonia	Ukraine
		United Kingdom

The United Kingdom includes England, Scotland, Wales, Northern Ireland and British Overseas Territories and Crown Dependencies.

France includes French Overseas Departments, Territories and Collectivities.

Denmark, Finland, Italy, Norway, Portugal, Spain include outmost regions of the European Union, islands, or city states such as Faroe Islands, Greenland, Åland, Vatican City, Svalbard, Azores, Madeira, Canary Islands.

Caribbean Netherlands, Aruba, Curaçao, and Sint Maarten are **not** included in the Netherlands dataset.

LAMIS: National databases are available for the 18 countries participating in the LAMIS: Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Suriname, Uruguay, and Venezuela.

2.4 COUNTRIES NOT REACHING THE 100 CASES THRESHOLD

EMIS-2017: The following 7 countries did not reach 100 qualifying cases.

For the four smallest countries, cases are included in the data sets of adjoining or surrounding countries:

- Andorra (18 cases) – included in the Spain dataset.
- Liechtenstein (5 cases) – included in the Switzerland dataset.
- Monaco (8 cases) – included in the France dataset.
- San Marino (4 cases) – included in the Italy dataset

The three other countries are not included in any national dataset.

- Albania (55 cases)
- Montenegro (77 cases)
- Kosovo* (39 cases)

* This designation is without prejudice to positions on status and is in line with UNSCR 1244/1999 and the International Court of Justice Opinion on the Kosovo declaration of independence.

3. Questionnaire Content: Conceptual Overview

The overall aim of EMIS is to generate data useful for the planning of HIV and STI prevention and care programmes and the monitoring of national progress in this area, by describing the level and distribution of HIV transmission risk and precautionary behaviours, related HIV prevention needs, and by assessing the coverage of interventions. It is important to note that:

EMIS-2017 is focused on sexually transmitted infections (including HIV) among MSM – it is not a generic health and well-being survey.

EMIS-2017 is intended to describe the level and distributions of already known health outcomes, risk and precaution behaviours, prevention needs and prevention interventions among MSM. It is not attempting to test theories about the validity of or relationship between these variables.

The following provides a conceptual overview of the content of the survey. Questions are arranged in five groups (there were also a very small number of items related to survey administration):

- A. Demographics: descriptive things about people we are not trying to change
- B. Morbidities: health outcomes we are trying to change
- C. Behaviours: things that people do that cause (risks) or detract from (precautions) morbidities
- D. Needs: opportunities, capabilities and motivations for risk and precaution behaviours
- E. 'Interventions': actions of others than meet or undermine needs

Highlighted in yellow and asterisked are items that are new for EMIS-2017 (and thus not included in the combined EMIS-2010–17 dataset). Other items were identical or modified from EMIS-2010.

Questions formatted in italics and purple were asked differently asked in LAMIS or omitted.

A. DEMOGRAPHICS: DESCRIPTIVE THINGS ABOUT PEOPLE WE ARE NOT TRYING TO CHANGE

- gender identity (Q004)
- sex at birth (Q006)*
- age (Q007)
- county living in (Q008)
- region living in (Q010)
- settlement size (Q011)

- born in country living in (Q012)
- country of birth (Q013)
- length of residence (Q014)
- reasons for migration (Q015–Q024)*

- *education (Q400)*
- employment (Q401)
- financial coping (Q402)*

- *ethnic minority (Q403)**
- name of ethnic group (Q404+ Q405)*

- sexual attraction (Q025–Q028)
- sexual identity (Q029)
- outness (Q030)

- current partnerships status (Q034)
- relationship break-up recency (Q035)*
- number and genders of current steady partners (Q036–Q041)
- male relationship duration (Q042)
- male relationship HIV seroconcordancy (Q043)
- female relationship duration (Q044)
- female relationship HIV seroconcordancy (Q045)
- non-binary relationship duration (Q046)*
- non-binary relationship HIV seroconcordancy (Q047)*

- bought male sex recency (Q299)*
- times bought male sex year (Q300)
- sold male sex recency (Q301)*
- times sold male sex year (Q302)

- *CHW (community health worker) (Q406)**
- *CHW organisation (Q407)**
- *CHW work type (Q408)**

B. MORBIDITIES: HEALTH OUTCOMES WE ARE TRYING TO CHANGE

Mental Health

- PHQ4: anxiety/ depression () (Q327–Q330)*
- suicidal ideation (Q331)*
- sexual (un)happiness (Q033)
- CAGE4: alcohol dependency (Q376–Q379)*

Infections

- ever diagnosed with HIV (Q057)
- year diagnosed HIV positive (Q060)
- diagnosed positive last 12mth (Q061)
- last viral load test result (Q088)
- syphilis last diagnosis recency (Q162+Q163)
- gonorrhoea last diagnosis recency (Q165+Q166)
- chlamydia last diagnosis recency (Q168+Q169)
- warts first diagnosis recency (Q170+Q171)
- hepatitis C first diagnosis recency (Q145+Q146)
- times hepatitis C diagnosed (Q147)*
- current hepatitis C status (Q148)
- current hepatitis B status (Q143)

C. BEHAVIOURS: THINGS THAT PEOPLE DO THAT CAUSE (RISKS) OR DETRACT FROM (PRECAUTIONS) MORBIDITIES

First and Most Recent Sex with Men

- homosex ever (Q172)
- age first homosex (Q173)
- homosex recency (Q174)
- ever male intercourse (Q175)
- age first male intercourse (Q176)
- male intercourse recency (Q177)

Steady & Non-Steady Male Sex Partners, previous Year

- any steady male year (Q178)
- number steady males year (Q179)
- number steady males intercourse year (Q180)
- number steady male intercourse condomless year (Q181)
- any non-steady male year (Q182)
- number non-steady males year (Q183)
- number non-steady males intercourse year (Q184)
- number non-steady males intercourse condomless year (Q185)

Condom Use with Non-Steady Male Partners

- frequency of condom for non-steady intercourse (Q186)
- condomless intercourse with HIV positive non-steady (Q187)
- HIV detectability of HIV positive non-steady condomless intercourse partners (Q188)*
- condomless intercourse with HIV negative non-steady (Q189)
- PrEP of HIV negative non-steady condomless intercourse partners (Q190)*
- condomless intercourse with HIV unknown non-steady (Q191)

Sex with Women

- female sex recency (Q303)
- number female intercourse year (Q304)
- frequency condom female (Q305)

Last Session with Non-Steady Male Partner

- last non-steady # (Q192)*
- where sex (Q193+Q241+Q242)*
- where met (Q195+Q243-253)
- sex before (Q196+Q254)
- HIV disclosure (Q197+Q255)
- PrEP disclosure (Q198+Q256)*
- viral load disclosure (Q199+Q257)*
- *knowledge of partner HIV status (Q200+Q258)*
- partner viral load disclosure (Q201+Q259)*
- partner PrEP disclosure (Q202+Q260)*

Drug Use

- alcohol recency (Q332)
- tobacco recency (Q333)
- poppers recency (Q334)
- Viagra recency (Q335)
- sedatives recency (Q336)
- Illicit drug ever (Q337)
- cannabis recency (Q338)
- synthetic cannabinoids (Q339)*
- ecstasy pills recency (Q340)
- ecstasy powder recency (Q341)*
- speed recency (Q342)
- crystal meth recency (Q343)
- heroin recency (Q344)
- mephedrone recency (Q345)
- other synthetic stimulant recency (Q346)*
- GHB/GBL recency (Q347)
- ketamine recency (Q348)
- LSD recency (Q349)
- cocaine recency (Q350)
- crack recency (Q351)

PEP (Post-Exposure Prophylaxis)

- tried to get PEP / before positive (Q096+Q098)
- ever taken PEP / before positive (Q097+Q099)
- # days taken PEP (Q100)*

PrEP (Pre-Exposure Prophylaxis)

- tried to get PrEP (Q113)*
- ever taken PrEP (Q114)*

- intercourse (Q203+Q261)
- condom if receptive (Q204+Q262)
- take ejaculate in rectum (Q205+Q263)
- condom if insertive (Q206+Q264)
- give ejaculate in his rectum (Q207+Q265)
- sex acts (Q208-Q218+Q266-Q276)*
- drugs used (Q219-Q238+Q277-Q296)*
- injecting (Q239+Q297)*
- session rating (Q240+Q298)

Injecting drugs

- inject steroids ever/12mth (Q352)
- inject non-steroids ever/12mth (Q353)
- times injected non-steroids year (Q354)*
- what injected year (Q355-Q364)*
- injected used works recency (Q365)*

Combining Sex and Drugs

- sober sex recency (Q366)*
- proportion sex non-sober (Q367)*
- chemsex recency (Q368)*
- multi-chemsex recency (Q369)*
- last multi-chemsex where (Q370+Q371)*
- years multi-chemsex (Q372)*

HIV Testing & Treatment

- ever received HIV test result (Q056)
- ever ART (Q065)
- treatment delay (Q066)*
- current ART (Q078)

Viral Hepatitis

- hepatitis A vaccination uptake (Q141)*
- hepatitis B vaccination uptake (Q143)

D. NEEDS: OPPORTUNITIES, CAPABILITIES AND MOTIVATIONS
FOR RISK AND PRECAUTION BEHAVIOURS

Safer Sex

- safe as I want (Q031)
- easy to say no (Q032)
- condomless intercourse because no condom (Q313)
- HIV transmission knowledge (Q306–Q308)

Drug Use

- drug use concern (Q373)

PEP (Post-Exposure Prophylaxis)

- heard of PEP (Q092)*
- PEP knowledge (Q093–Q095)
- PEP access efficacy (Q101)

PrEP (Pre-Exposure Prophylaxis)

- heard of PrEP (Q102)*
- PrEP knowledge (Q103–Q105)*
- PrEP use intention (Q134)*

All Health Related Behaviours

- social support (Q382–Q389)*
- internalised homonegativity (Q390–Q396)

HIV Testing & Treatment

- HIV test/treat knowledge (Q049–Q055)
- HIV status certainty (Q309)
- know where to get HIV test (Q059)*
- why never taken ART (Q067–Q077)
- why stopped taking ART (Q079–Q087)

Viral Hepatitis

- hepatitis A & B knowledge (Q135–Q139)*
- know where to get Hep A vac (Q142)*
- know where to get Hep B vac (Q144)*

Bacterial STIs

- STI transmission knowledge (Q310–Q312)

E. 'INTERVENTIONS': ACTIONS OF OTHERS THAN MEET OR UNDERMINE NEEDS

Homophobic Abuse

- abuse intimidated recency (Q397)
- abuse insults recency (Q398)
- abuse violence recency (Q399)

Condom Distribution

- sources of condoms last year (Q314–324)*
- source of most condoms last year (Q325)*

Drug Services

- drug professional recency (Q374)*
- drug self-help recency (Q375)*
- alcohol professional recency (Q380)*

PrEP (Pre-Exposure Prophylaxis) Services

- ever spoken to by health service about PrEP (Q106)*
- who spoken to about PrEP (Q107–Q112)*
- spoke to healthcare professional before PrEP (Q115)*
- ever had prescription for PrEP (Q116)*
- who prescribed PrEP (Q117–Q122)*
- where PrEP pills from (Q123–Q133)*

HIV/STI Education Services

- info about HIV/STI recency (Q048)

HIV Testing Services

- ever been offered HIV test (Q058)*

- where diagnosed positive (Q062)
- positive test support (Q063)
- positive monitoring recency (Q064)
- negative test recency (Q089)
- where last neg test (Q090)
- negative test support (Q091)

Viral Hepatitis Vaccination Offer

- ever offered any Hep vaccine (Q140)*

STI Testing Services

- any STI test recency (Q149+Q150)
- symptomatic at last STI test (Q151)
- homosexual disclosure at last STI test (Q152)*
- syphilis diagnosis partner notification (Q164)*
- gonorrhoea diagnosis partner notification (Q167)*
- penis/vagina (Q153)*
- blood sample 12 mths (Q154)
- urine sample 12 mths (Q155)
- urethral swab 12 mths (Q156)
- penis examine 12 mths (Q157)
- vaginal swab 12 mths (Q158)*
- vagina examined 12 mths (Q159)*
- anal swab 12 mths (Q160)
- anus examine 12 mths (Q161)

SURVEY ADMINISTRATION ITEMS

- consent understood (Q001)
- consent old enough (Q002–Q003)

- Exit pages (Q005, Q009)
- *sexiest man* (Q409)

4. Corrections, Question Denominators & Missing Data

An answer may not be present in the dataset because a respondent did not supply an answer. In addition, some questions are missing answers in specific language versions of the survey.

4.1 HUNGARIAN LANGUAGE VERSION – Region or residence (Q010r)

The Hungarian language version had 'Budapest (város)' as response 5 rather than response 14 as in all other language versions. Consequently, the responses 5 to 14 were incorrect in the consolidated file for cases using the Hungarian language version. The data has been corrected.

4.2 ITALIAN LANGUAGE VERSION – Settlement size (Q011)

In error, the Italian language version repeated the question as first response option in Q011 (Settlement size). The data has been corrected.

4.3 ENGLISH LANGUAGE VERSION – Country of Birth (Q012)

In EMIS-2010 in the response list for country living in and country of birth (see Section 10), "Turkish Republic of Northern Cyprus" appeared at code 184. This entry was deleted in the 2017 list, but in error it still appeared in the response set for Q012 in the English language version. This data has been corrected and men who ticked "Turkish Republic of Northern Cyprus" are recoded to Turkey.

4.4 DUTCH LANGUAGE VERSION – Antiretroviral treatment (Q065 and Q078)

The wording was identical in 2010, but the problem did not become apparent. After discussion with national stakeholders and running a sensitivity analysis, we believe that a sub-optimal translation of "antiretroviral treatment" in the Dutch questionnaire resulted in some classification bias, underestimating ART coverage among Dutch speakers – i.e. affecting the measures for Belgium (48% using the Dutch version) as well as the Netherlands (85% using the Dutch version). Other countries are not affected.

4.5 FRENCH LANGUAGE VERSION – Diagnosed STIs (Q162 to Q171)

The wording for the French translation for STI diagnoses was slightly changed for 2017. After discussion with the multi-national translation team for French, we believe that the new wording, while technically correct, may have been misunderstood by some French-speaking respondents in Europe, but not in Canada. We fear the questions on diagnosed syphilis, gonorrhoea, and chlamydia [but not HPV or HCV] may have been understood by some men as having had a test rather than a positive test result. This possible problem affects all three countries with large sub-samples of men using the French version, notably France, Belgium, and Switzerland, in descending order for descending proportions of French speakers. The estimates for these three STIs in these three countries must thus be interpreted with caution. Luxembourg and Lebanon [the two other EMIS countries with a large French-speaking minority] have a too small a proportion using the French questionnaire to be affected).

4.6 RUSSIAN LANGUAGE VERSION – Location of meeting most recent non-steady sexual partner/s (Q195 and Q252)

Two of the answer options in the question on the location where their most recent non-steady sexual partner/s were met, were "mobile phone (or other GPS enabled device)", followed by "elsewhere on the Internet". In error, the Russian language version omitted the "elsewhere". This resulted in higher proportions reporting meeting partners "on the Internet" and lower proportions reporting meeting partners on their "mobile phone (or other GPS enabled device)", when answering in Russian.

4.7 SPANISH LANGUAGE VERSION – MISSING Q390 PRIOR TO CASE 136024

EMIS-2017 (*does not apply to LAMIS*): In error, the Spanish language version served Q387 at Q382 (as well as at Q387). This was noticed and corrected at 18:21 GMT on 19 January 2018. Responses for Q390 are present only from case (A_Serial) 136024 onwards. Note: Q382–Q389 form a block of questions that were rotated.

4.8 MULTIPLE RESPONSE QUESTIONS

The survey contained 15 questions with multiple responses (ie. Tick as many as apply). Each response options generates a No/Yes variable. The denominator is the men who were asked the question

Q015–Q023. Why did you come to <country living in>?

Denominator is men not born in the country they live in (see notes at Q12).

Q025–Q029. Who are you sexually attracted to?

Denominator is all respondents.

Q036–Q041. Are you currently in a steady relationship with...[gender and number]?

Denominator is those with a current steady partner.

Q067–Q076. Why have you never taken antiretroviral treatment for your HIV infection?

Denominator is men with diagnosed HIV who have never taken antiretroviral drugs.

Q079–Q086. Why have you stopped taking antiretroviral treatment?

Denominator is men with diagnosed HIV who have ever taken antiretroviral drugs but are not currently doing so.

Q107–Q111. Which health services has spoken to you about PrEP?

Denominator is all (because all men are targets for conversations about PrEP).

Q117–Q121. Where have you had a prescription for PrEP from?

Denominator is men who have had a PrEP prescription in the country they live in.

Q123–Q132. Where have you got your PrEP pills from?

Denominator is men who have ever used PrEP.

Q208–Q217. During that [1 non-steady] session, did you engage in [sex acts]?

Denominator is men who had a non-steady sexual partner in last 12 months AND whose last non-steady sexual session was with one non-steady partner.

Q219–Q237. Which of these substances had you taken shortly before or during this [one non-steady session?] Denominator is men who had a non-steady sexual partner in last 12 months AND whose last non-steady sexual session was with one non-steady partner.

Q243–Q253. Where did you first meet them [multi-non-steady]?

Denominator is men who had a non-steady sexual partner in last 12 months AND whose last non-steady sexual session was with 2+ non-steady partners.

Q266–Q275. During that [multi-non-steady] session, with any partner did you engage in...[sex acts]?

Denominator is men who had a non-steady sexual partner in last 12 months AND whose last non-steady sexual session was with 2+ non-steady partners.

Q277–Q296. Which of these substances had you taken shortly before or during this [multi-non-steady] session?

Denominator is men who had a non-steady sexual partner in last 12 months AND whose last non-steady sexual session was with 2+ non-steady partners.

Q314–Q323. Where have you got condoms from in the last 12 months?

Denominator is all.

Q355–Q364. Which drugs have you injected or had injected into you in the last 12 months?

Denominator is all.

5. Inconsistent Data

To exclude cases with inconsistent data on one or more of the conditions described below, select 'anydiscrepant=1'

There may still be some logically discrepant data in the dataset.

Following the Case variables, there are 4 variables (with the prefix "D_") which distinguish those cases that contain inconsistent data. [Note: In EMIS-2010 respondents could give discrepant data about HIV testing history by moving backwards and forwards in the survey and changing responses. Changes to the survey application meant this was not possible in 2017. Therefore, there are no discrepancy indicators in 2017 for HIV testing, STI testing or sexual behavior, as there had been in EMIS-2010.]

Highlighted in cyan are items included in the combined EMIS-2010–17 dataset.

Name	Description
D_agediscrepant	Does case contain age discrepant data 1=No 2=Yes
D_steadydiscrepant	Does case contain steady partner discrepant data 1=No 2=Yes
D_nonsteadydiscrepant	Does case contain non-steady partner discrepant data 1=No 2=Yes
D_anydiscrepant	Does case contain discrepant data in any of the 3 above. 1=No 2=Yes

Logically inconsistent data are answers to two questions that cannot both be valid.

Cases with inconsistent data on key variables can be excluded from the dataset to increase the quality of the data. Cases with inconsistent data will be excluded from multi-country analyses and it is recommend to do with National data sets wherever possible.

The following sections describe the number of cases with specific inconsistencies. In EMIS-2017 overall, 14833 cases (10.8% of cases) had discrepant data in one or more of the conditions below.

In LAMIS overall, 9,585 cases (14.8% of cases) had discrepant data in one or more of the conditions described above.

To exclude cases with inconsistent data on one or more of the conditions described below, select 'anydiscrepant=1'

5.1a AGE DISCREPANCIES (EMIS-2017)

16 cases gave an age now (Q007) smaller than the number of years they had been living in their country of residence (Q014).

6 cases gave an age now (Q007) smaller than the number of years since an HIV diagnosis (Q060).

122 cases gave an age now (Q007) smaller than their age at first sex with a man (Q173).

85 cases gave an age now (Q007) smaller than their age at first intercourse (Q176).

24 cases gave an age now (Q007) smaller than the number of years in a steady relationship with a man (Q042).

2 cases gave an age now (Q007) smaller than the number of years in a steady relationship with a woman (Q044).

1302 cases gave an age at first intercourse with a man (Q176) smaller than their age at first sex of any kind with a man (Q173).

A total of 1445 cases (1.1% of cases) had age discrepant data in one or more of the above conditions. To exclude cases with inconsistent age data, select 'agediscrepant=1' (due to an error, data released before 14.1.2020 have 33 cases less in this category, or 30 cases less in "D_anydiscrepant").

5.1b AGE DISCREPANCIES (LAMIS)

1 case gave an age now (Q007) smaller than the number of years they had been living in their country of residence (Q014).

4 cases gave an age now (Q007) smaller than the number of years since he was diagnosed with HIV (Q060).

126 cases gave an age now (Q007) smaller than the age at which she first had sex with a man (Q173).

65 cases gave an age now (Q007) smaller than the age of first penetration with a man (Q176).

100 cases gave an age now (Q007) smaller than the number of years in a stable relationship with a man (Q042).

1089 cases gave the age of first intercourse with a man (Q176) smaller than their age at first sex of any kind with a man (Q173).

A total of 1263 cases (2% of cases) had discrepant age data in one or more of the above conditions. To exclude cases with inconsistent age data, select 'agediscrepant=1'.

5.2a STEADY MALE PARTNER DISCREPANCIES (EMIS-2017)

922 cases indicated never having had intercourse with a man (Q175) and having 1+ steady intercourse partners in the last 12 months (Q180).

309 cases indicated never having had intercourse with a man (Q175) and having 1+ steady condomless intercourse partners in the last 12 months (Q181).

3714 cases indicated fewer steady partners (Q179) than steady intercourse partners (Q180).

1919 cases indicated fewer steady partners (Q179) than steady condomless intercourse partners (Q181).

907 cases indicated fewer steady intercourse partners (Q180) than steady condomless intercourse partners (Q181).

A total of 5403 cases (3.9% of cases) had steady partner discrepant data in one or more of the above conditions.

To exclude cases with inconsistent steady partner data, select 'steadidiscrepant=1'

5.2b STEADY MALE PARTNER DISCREPANCIES (LAMIS)

563 cases indicated never having had penetration with a man (Q175) and having 1+ steady intercourse partners in the last 12 months (Q180).

151 cases indicated never having had intercourse with a man (Q175) and having 1+ steady partners condomless intercourse partners in the last 12 months (Q181).

2205 cases indicated fewer steady partners (Q179) than steady intercourse partners (Q180).

1142 cases indicated fewer steady partners (Q179) than steady condomless intercourse partners (Q181).

654 cases indicated fewer steady intercourse partners (Q180) than steady condomless intercourse partners (Q181).

A total of 3312 cases (5.1% of the cases) had discrepant data related to the stable couple in one or more of the above conditions.

To exclude cases with inconsistent steady partner data, select 'steadydiscrepant=1'

5.3a NON-STEADY MALE PARTNER DISCREPANCIES (EMIS-2017)

3415 cases indicated fewer non-steady partners (Q183) than non-steady intercourse partners (Q184).

999 cases indicated fewer non-steady partners (Q183) than non-steady condomless intercourse partners (Q185).

801 cases indicated fewer non-steady intercourse partners (Q184) than non-steady condomless intercourse partners (Q185).

1615 cases indicated never having had intercourse with a man (Q175) and having 1+ non-steady intercourse partners in the last 12 months (Q184).

335 cases indicated never having had intercourse with a man (Q175) and having 1+ non-steady condomless intercourse partners in the last 12 months (Q185).

4123 cases indicated they had 1+ non-steady condomless intercourse partners in the last 12 months (Q184) and that they always used condoms with non-steady intercourse partners (Q186).

A total of 9332 cases (6.8% of cases) had non-steady partner discrepant data in one or more of the above conditions.

To exclude cases with inconsistent non-steady partner data, select 'nonsteadydiscrepant=1'

5.3b NON-STEADY MALE PARTNER DISCREPANCIES (LAMIS)

2,224 cases indicated fewer non-steady partners (Q183) than non-steady intercourse partners (Q184).

617 cases indicated fewer non-steady partners (Q183) than non-steady condomless intercourse partners (Q185).

532 cases indicated fewer non-steady intercourse partners (Q184) than non-steady condomless intercourse partners (Q185).

972 cases indicated never having had intercourse with a man (Q175) and having 1+ non-steady intercourse partners in the last 12 months (Q184).

175 cases indicated never having had intercourse with a man (Q175) and having 1+ non-steady condomless intercourse partners in the last 12 months (Q185).

2647 cases indicated they had 1+ non-steady condomless intercourse partners in the last 12 months (Q184) and that they always used condoms with non-steady intercourse partners (Q186).

A total of 6011 cases (9.3% of the cases) had discrepant data related to casual partners in one or more of the above conditions.

To exclude cases with inconsistent non-steady partner data, select 'nonsteadydiscrepant=1'

6. Standard & Modified Response Sets

Unless labelled otherwise:

0 (numeric zero) means question was asked but not answered.

-1 (minus one) means the question was not asked (because it was not applicable).

6.1 STANDARD RESPONSE SETS

Many questions share the same set of response options. The five most common response sets are given below. In Section 7 they are indicated under the relevant questions by their name (eg. 'knowledge response set').

'No-Yes' response set

- 1=No
- 2=Yes

'5 point Disagree-agree' response set

- 1=Strongly disagree
- 2=Disagree
- 3=Neither / not sure
- 4=Agree
- 5=Strongly agree

'4 point Disagree-Agree' response set

- 1=Strongly disagree
- 2=Disagree
- 3=Agree
- 4=Strongly agree

'7 point disagree-agree with does-not-apply' response set

- 1=1 Strongly disagree
- 2=2
- 3=3
- 4=4 Undecided
- 5=5
- 6=6
- 7=7 Strongly agree
- 8=Does not apply to me

'Recency¹ scale' response set

Note: The Recency scale was served on-screen with 'Never' as the first option.

Note: When respondents had already indicated they done something, the recency scale was served without the 'Never' option.

- 1=Within the last 24 hours
- 2=Within the last 7 days
- 3=Within the last 4 weeks
- 4=Within the last 6 months
- 5=Within the last 12 months
- 6=Within the last 5 years
- 7=More than 5 years ago
- 8=Never

'Knowledge' response set

- 1=I knew this already
- 2=I wasn't sure about this
- 3=I didn't know this already
- 4=I don't understand this
- 5=I do not believe this

¹ Measure of the time elapsed (with respect to the temporal moment that interests us) since a behavior/event/action/event was last performed.

6.2 MODIFIED RESPONSE SETS

Some questions repeated from EMIS-2010 have had their response sets modified to account for changes since the first survey

Settings for HIV testing (Q062 and Q090)

The EMIS-2010 response set was:

- 1=General Practitioner / family doctor
- 2=A doctor in private practice
- 3=At a hospital or clinic as an out-patient
- 4=At a hospital as an in-patient
- 5=At an HIV testing service (that is not in a hospital or clinic)
- 6=At a blood bank, while donating blood
- 7=I used a home testing kit
- 8=In a bar/pub, club or sauna
- 9=Mobile medical unit
- 10=Elsewhere

- The phrase ", or an Institute" has been added to response 3.
- In response 5 the words "At an HIV testing service" have been replaced with "At a community health service or drop-in".
- Response 7 ("I used a home testing kit") has been split into two responses:
 - 7=I used a self-sampling kit (I took my own sample then sent it away to be analysed)
 - 8=I used a self-testing kit (I found out the result on the spot)

Consequently, the EMIS-2010 responses 8, 9 and 10 become responses 9, 10 and 11.

In the combined EMIS-2010–17 dataset, "I used a home testing kit" has the code 7.5; including both 2017 self-testing and self-sampling.

Hepatitis B vaccination status (Q143)

The EMIS-2010 response set was:

- 1=No, I am naturally immune to hepatitis B (because I had it in the past)
- 2=No, and I don't know if I'm immune
- 3=Yes, and I completed the course of 3 shots of vaccine
- 4=Yes, but I did not complete the course of 3 shots of vaccine
- 5=Yes, but I did not respond to the vaccinations
- 6=I don't know

- Response 1 has been changed to "No, because I've had hepatitis B (and am now naturally immune)".
 - The words "of 3 shots of vaccine" have been removed from responses 3 and 4.
 - A new 'No' response has been added ("No, I have chronic hepatitis B infection") as response 3.
- Consequently EMIS-2010 responses 3 to 6 become responses 4-7.

Location of meeting most recent non-steady sexual partner/s (Q195 and Q243–Q253)

In EMIS-2010 the response set for meeting sexual partners was:

- 1=A gay community centre, gay organisation or gay social group
- 2=A gay café or gay bar
- 3=A gay disco or nightclub
- 4=A backroom of a bar, gay sex club, a public gay sex party
- 5=A gay sex party in a private home
- 6=A gay sauna
- 7=A porn cinema
- 8=A cruising location (street, roadside service area, park, beach, baths, lavatory)
- 9=A website for gay or bisexual men
- 10=Elsewhere

In EMIS-2017 response 9 has been split into:

- 9=On my mobile phone (or other GPS enabled device)
- 10=Elsewhere on the internet

Consequently EMIS-2010 response 10 becomes 11.

6.3 MODIFIED DEFINITIONS

Intercourse

In EMIS-2010 respondents were served the paragraph:

In this survey we use the term "anal intercourse" (fucking, screwing) to mean sex where one partner puts his penis into the other partner's anus, whether or not this occurs to ejaculation.

In order to use the same definition of 'intercourse' for both penile-anal and penile-vaginal sex, the definition served in EMIS-2017 was:

In this survey we use the term "intercourse" (fucking, screwing) to mean sex where one partner puts their penis into the other partner's anus or vagina, whether or not this occurs to ejaculation. "Intercourse" does not include oral sex or the use of dildos.

7. Case Variables

At the top of the dataset there are a number of variables (prefixed "A_") about recruitment and survey completion. **Highlighted in cyan are items included in the combined EMIS-2010-17 dataset. The combined EMIS-2010-17 dataset uses the 2017 coding / question numbers.**

7.1 RECRUITMENT (SOURCE CODE) VARIABLES

EMIS-2017 was advertised across the internet with banners on websites and messages delivered by apps to their users (called Instant Messages, or IMs).

The Source Code (in the format "where-who-how") indicates how the respondent arrived at the survey. Ideally, source codes specified the country (where-), the agency placing the advert (-who-) and the setting the advert was placed in or method of promotion used (-how).

Source codes were specified by the large number of people across the EMIS Network who created banners and messages to promote the survey. Some did not specify all three parts of the code. Some copied a source code from another website (in which case the source code will be incorrect in one or more regard). Some banners/adverts may not have recruited any qualifying cases. The list of source codes below therefore represents the minimum number of websites recruiting to EMIS-2017.

Partners sometimes omitted the country code and have been added based on the country where the majority of respondents lived. XX- indicates the country was not known.

Centrally, we collaborated with a number of gay internet services and websites.

PlanetRomeo provided EMIS-2017 advertising across multiple countries with no charge. Belgium, Denmark, Finland, Israel, Netherlands and Norway also used Scruff's Benevolads for free (these are included as local recruitment).

Paid advertisers included: Grindr, Hornet, Quiser, RECON, Scruff, Gaydar, Manhunt/Jack'd, GROWLr and Bluesystem. Canada and Denmark purchased additional Grindr Instant Messages.

EMIS partners placed banners on their websites and used Facebook, Twitter, Instagram, and Email lists to promote the survey. These are included as local recruitment, and coded "-fb", "-tw", "-ins", and "-email" (-how).

The gay dating app Hornet used "broken" source codes which resulted in the cases they recruited not having a source code when submitted. Cases with unknown source codes submitted when Hornet advertising occurred have been allocated to Hornet.

In error, Health Initiative for Men (the Canadian NGO partner) used their website source code for the Canadian Grindr boosts. Knowing the dates of the Grindr boosts and looking at response peaks over time, we could re-assign cases living in Canada with a HIM source code to the more likely recruiter, Grindr.

7.2 SURVEY COMPLETION AND SUBMISSION VARIABLES

Name	Description																																		
A_Serial	A unique number for each case, allocated as the data entered the merged dataset. In the combined EMIS-2010–17 dataset, the number 200,000 was added to EMIS-2017 serial numbers to distinguish them from 2010 serial numbers.																																		
A_Saved	Date and time (Greenwich Mean Time) of data submission (Date format).																																		
A_GMT	The number of minutes to add or subtract from the GMT to give the local time the data was submitted.																																		
A_Date	The date (in the UK) on which the data was submitted (String format).																																		
A_Language	<p>The language the respondent chose to participate in.</p> <table border="0"> <tbody> <tr> <td>0.5=Arabic</td> <td>13.0=Latvian</td> </tr> <tr> <td>0.7=Albanian</td> <td>14.0=Lithuanian</td> </tr> <tr> <td>1.0=Bulgarian</td> <td>14.5=Macedonian</td> </tr> <tr> <td>2.0=Czech</td> <td>14.7=Maltese</td> </tr> <tr> <td>3.0=Danish</td> <td>15.0=Norwegian</td> </tr> <tr> <td>4.0=Dutch</td> <td>16.0=Polish</td> </tr> <tr> <td>5.0=English</td> <td>17.0=Portuguese</td> </tr> <tr> <td>6.0=Estonian</td> <td>18.0=Romanian</td> </tr> <tr> <td>7.0=Finnish</td> <td>19.0=Russian</td> </tr> <tr> <td>7.5=Filipino-Cebuano</td> <td>20.0=Serbian/Croatian</td> </tr> <tr> <td>7.6=Filipino-Tagalog</td> <td>20.5=Slovak</td> </tr> <tr> <td>8.0=French</td> <td>21.0=Slovene</td> </tr> <tr> <td>9.0=German</td> <td>22.0=Spanish</td> </tr> <tr> <td>10.0=Greek</td> <td>23.0=Swedish</td> </tr> <tr> <td>10.5=Hebrew</td> <td>24.0=Turkish</td> </tr> <tr> <td>11.0=Hungarian</td> <td>25.0=Ukrainian</td> </tr> <tr> <td>12.0=Italian</td> <td></td> </tr> </tbody> </table> <p>Note: EMIS-2017 was available in the same 25 languages as used in EMIS-2010, plus 8 further languages. The same variable values have been used as in EMIS-2010 with the additional 8 languages inserted alphabetically between them.</p>	0.5=Arabic	13.0=Latvian	0.7=Albanian	14.0=Lithuanian	1.0=Bulgarian	14.5=Macedonian	2.0=Czech	14.7=Maltese	3.0=Danish	15.0=Norwegian	4.0=Dutch	16.0=Polish	5.0=English	17.0=Portuguese	6.0=Estonian	18.0=Romanian	7.0=Finnish	19.0=Russian	7.5=Filipino-Cebuano	20.0=Serbian/Croatian	7.6=Filipino-Tagalog	20.5=Slovak	8.0=French	21.0=Slovene	9.0=German	22.0=Spanish	10.0=Greek	23.0=Swedish	10.5=Hebrew	24.0=Turkish	11.0=Hungarian	25.0=Ukrainian	12.0=Italian	
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A_Language_minority	DERIVED VAR. National minority based on survey language / country of residence																																		
A_Duration	The number of minutes the respondent had the survey open.																																		

A_Device	String variable giving the device used for submitting the data.																		
A_Device_short	RECODED VARIABLE. Numeric version A_Device, merging devices used by <10 respondents.																		
	<table> <tr> <td>0=Unknown</td> <td>9=Samsung unspecified tablet</td> </tr> <tr> <td>1=Android phone</td> <td>10=Samsung Galaxy Tab A tablet</td> </tr> <tr> <td>2=iOS phone</td> <td>11=Samsung Galaxy Tab S tablet</td> </tr> <tr> <td>3=Windows desktop</td> <td>12=Samsung Galaxy Tab 2 tablet</td> </tr> <tr> <td>4=Mac OSX desktop</td> <td>13=Samsung Galaxy Note tablet</td> </tr> <tr> <td>5=iOS tablet</td> <td>14=Unknown or other (<10) phone</td> </tr> <tr> <td>6=UNIX desktop</td> <td>15=Unknown or other (<10) tablet</td> </tr> <tr> <td>7=Nexus 7 tablet</td> <td>16=Unknown or other (<10) desktop</td> </tr> <tr> <td>8=Kindle Fire tablet</td> <td></td> </tr> </table>	0=Unknown	9=Samsung unspecified tablet	1=Android phone	10=Samsung Galaxy Tab A tablet	2=iOS phone	11=Samsung Galaxy Tab S tablet	3=Windows desktop	12=Samsung Galaxy Tab 2 tablet	4=Mac OSX desktop	13=Samsung Galaxy Note tablet	5=iOS tablet	14=Unknown or other (<10) phone	6=UNIX desktop	15=Unknown or other (<10) tablet	7=Nexus 7 tablet	16=Unknown or other (<10) desktop	8=Kindle Fire tablet	
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	<table> <tr> <td>0=Unknown/Other</td> </tr> <tr> <td>1=Android OS</td> </tr> <tr> <td>2=iOS</td> </tr> <tr> <td>3=Windows desktop</td> </tr> <tr> <td>4=Mac OSX desktop</td> </tr> <tr> <td>5=UNIX desktop</td> </tr> </table>	0=Unknown/Other	1=Android OS	2=iOS	3=Windows desktop	4=Mac OSX desktop	5=UNIX desktop												
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3=Windows desktop																			
4=Mac OSX desktop																			
5=UNIX desktop																			
A_Device_bin	RECODED VARIABLE. A_Device_short2 collapsed to smartphones vs. others.																		
	<table> <tr> <td>0=Unknown</td> </tr> <tr> <td>1=Phone</td> </tr> <tr> <td>2=Tablet or Desktop</td> </tr> </table>	0=Unknown	1=Phone	2=Tablet or Desktop															
0=Unknown																			
1=Phone																			
2=Tablet or Desktop																			

8. The Questionnaire

This section contains the complete text of the English language version of the EMIS-2017 questionnaire, including the introductory text, exit texts and page headings (the latter in **BOLD CAPTIALS**).

Questions have been numbered sequentially (preceded by 'Q') and did not appear on the screen.

A condition before a question (eg. If Q005=1) specifies if a question was served and relates only to that question. A condition before a page heading specifies whether the entire page was served or not and relates to all questions on that page (ie. until the next page heading).

Conditions and notes in square brackets [] did not appear on-screen.

Words in chevrons < > refer to the answer to a previous question.

Commonly used response sets appear in square brackets and are given in Section 6

[INTRODUCTORY TEXT]

EMIS: European Men-who-have-sex-with-men Internet Survey 2017

Welcome to the largest ever survey of gay men, bisexual men and other men (including trans men) who are attracted to men.

Please take part if you are...

- a man who has sex with men
- a man who is attracted to other men
- a man who thinks he might have sex with men in the future

You must be old enough to legally have sex in the country where you live.

What's it about?

It asks about relationships, sex life, risks and precautions, and use of health services.

How long will it take?

Most men take between 15 and 25 minutes to complete it. Please make sure you have enough time and battery power, because you cannot come back to complete it if you log off. However, the survey is voluntary, and you can stop and withdraw at any time. None of the data you supplied will be collected if you do this. Please complete this survey **ONLY ONCE** this year.

Why should I take part?

Because we all want better sex with less harm. By taking part you might find out something new. Although there will be no direct benefit to you from the information you provide, it will help health and social services to better meet the community's needs. It could also mean that services for gay and bisexual men are funded. Our first version of this survey (in 2010) recruited 181,000 men.

Who is running it?

The survey is being run by Sigma Research in the UK and has been approved by the ethics committee of the London School of Hygiene & Tropical Medicine (University of London).

It has been developed with an international group of researchers and health workers in public health institutes, universities and non-governmental organisations working in HIV, gay health and human rights, from over 40 European countries.

The survey is funded by the European Commission Health Programme 2014-2020 to deliver evidence about the sexual health of gay men, bisexual men and other MSM across Europe. It is supported by the European Centre for Disease Prevention and Control, and many national and international gay organisations and websites.

You can get more information about the survey at www.esticom.eu

What about data protection?

We will not collect the TC/IP-address of your device or try to install any cookies on it. We will not collect any information about you that would allow anybody to identify you. This means you need to complete the survey in one session and you cannot log out and return later. Participation is voluntary and you can withdraw at any time.

Where will the data go?

The anonymous data will be shared with EMIS academic and community collaborators in participating countries as soon as it is ready. Eventually it will be placed in the European Union open data portal for the use of other researchers after a period of embargo.

When can I see the results?

Results will be available after mid 2018 in different formats and languages. They can be accessed at the project's website at www.esticom.eu

LAMIS: Encuesta Latinoamericana por Internet para Hombres que tienen Sexo con Hombres 2018

¡Bienvenido a esta encuesta dirigida a hombres gais, bisexuales y otros hombres que se sienten atraídos por hombres en América Latina! (LAMIS2018)

Por favor, participa del estudio SOLAMENTE si eres hombre u hombre transgénero, si tienes por lo menos 18 años de edad, y si:

- tienes sexo con hombres, ó
- te sientes atraído por otros hombres, ó
- piensas que podrías tener relaciones sexuales con otros hombres en el futuro.

¿Qué es LAMIS 2018?

Es una encuesta anónima y online, dirigida a hombres gais, bisexuales y otros hombres que tienen sexo con hombres en América Latina. Busca proporcionar evidencia sobre su salud sexual y acceso a información y servicios, que pueda ser utilizada para mejorar las políticas públicas y las acciones de las organizaciones enfocadas en esta comunidad. La encuesta recolecta información sobre las relaciones, la vida sexual, los riesgos y precauciones, y el uso de los servicios de salud.

¿Cuánto tiempo te tomará hacer la encuesta?

La mayoría de participantes toman entre 15 y 25 minutos para completarla. La encuesta es voluntaria, por lo que la puedes empezar y retirarte en cualquier momento. Si te retiras antes de terminarla, la información que habías proporcionado se borrará. Como no se colectan datos identificatorios (por ejemplo, dirección IP), no se puede comenzar la encuesta y terminarla después. Si deseas participar en este momento, asegúrate de tener suficiente tiempo y, si participas desde tu celular o tablet, tener suficiente energía de la batería. Si deseas participar, pero no tienes tiempo en este momento, conserva el enlace para completarla cuando tengas tiempo.

¿Por qué es importante que participes?

Todos queremos que nuestras relaciones sexuales sean más seguras y placenteras; y si participas, puedes adquirir nuevas perspectivas sobre tu sexualidad y salud. Asimismo, la información que proporcionas, contribuirá a tener una visión más amplia y actualizada sobre la situación de tu comunidad, lo que servirá para generar mejoras en los servicios sociales y de salud. No existen riesgos significativos asociados a tu participación, aunque algunas preguntas puedan ser sentidas como sensibles y/o privadas.

¿Quién organiza y dirige el estudio?

LAMIS 2018 es una adaptación de la encuesta EMIS-2017 (European Men who have sex with men Internet Survey), realizada en Europa por un grupo internacional de investigadores y trabajadores de salud de más de 40 países europeos, de institutos de salud pública, universidades y ONGs que trabajan en el ámbito del VIH, la salud de hombres gais y los derechos humanos.

LAMIS 2018 es implementada en América Latina por el Grupo de Trabajo Iberoamericano para el estudio LAMIS, conformada por organizaciones e investigadores de 4 países latinoamericanos (Brasil, Chile, Guatemala y Perú) y de entidades europeas: Centre d'Estudis Epidemiològics sobre les Infeccions de Transmissió Sexual i Sida de Catalunya (España), Robert Koch Institute (Alemania) e Instituto de Saúde Pública da Universidade do Porto (Portugal). Este estudio cuenta con aprobaciones éticas de Brasil, Chile, Guatemala, Perú y Surinam para que sea realizado a nivel continental. Si tienes preguntas y/o comentarios, puedes contactar por vía electrónica a las siguientes direcciones: en Perú, Dr. Carlos Cáceres, Universidad Peruana Cayetano Heredia (...); en Chile, Dra. Valeria Stuardo, Escuela de Salud Pública, Universidad de Chile (...); en Brasil, Dra. Maria Amelia Veras, Facultad de Ciencias Médicas de la Santa Casa de Sao Paulo (...); y en Guatemala, Elsy Camey de la Fundación Sida y Sociedad (...).

¿Hay alguna forma de identificarme en la información que se me pide?

No se pregunta por datos personales que permitan identificar a los participantes. Tampoco se recoge la dirección de TC/IP de tu computador o dispositivo, ni se instalan cookies en él (justamente por ello, no hay forma de regresar a la encuesta si se deja sin terminar; se tiene que completar la encuesta en una sesión no se puede cerrar la sesión y volver más tarde, porque el contenido se perderá).

¿Cómo se almacenará la información? ¿cómo se analizará?

La información se almacenará de forma segura en un servidor especializado, en Inglaterra. Luego de terminado el periodo de promoción de la encuesta, los datos serán analizados por el equipo de investigadores, con miras a generar: (a) un análisis de información a nivel de América Latina; y (b) un análisis de información a nivel de país.

¿Cuándo puedo ver los resultados?

Los resultados estarán disponibles a partir de diciembre de 2018. Se podrá acceder a ellos en la página web de la encuesta: www.lamis.org

**Please complete this survey ONCE ONLY this year.
Please answer the following two questions if wish to take part.**

Q001. Have read and understood the above information.
[No-Yes response set]

[If Q001=1, Exit Page] You must confirm you have read and understood the information on the preceding page to take part in this survey. Please return to the previous page to do this. Otherwise, thank you for your interest in EMIS, the results will be available across Europe in 2018. You can get more information at www.esticom.eu / *Otherwise, thank you for your interest in LAMIS, the first results will be available at the end of 2018. More information is available at www.lamis.org.*

Q002. EMIS-2017: Are you old enough to legally have sex with men in the country you live in?
LAMIS: Are you 18 years old or older?
1=No
2=Yes
3=I don't know

[If Q002=3]

The list below shows how old a male must be to legally have sex with another male in each country of Europe.

Country – Minimum age

Albania – 14 years	Lithuania – 16 years
Andorra – 16 years	Luxembourg – 16 years
Austria – 14 years	Macedonia (Former Yugoslav Republic) – 14 years
Belarus – 16 years	Malta – 18 years
Belgium – 16 years	Moldova – 16 years
Bosnia & Herzegovina – 14 years	Monaco – 15 years
Bulgaria – 14 years	Montenegro – 14 years
Canada – 16 years	Netherlands – 16 years
Croatia – 15 years	Norway – 16 years
Cyprus (Republic) – 17 years	Philippines – 15 years
Czechia – 15 years	Poland – 15 years
Denmark – 15 years	Portugal – 14 years
Estonia – 14 years	Romania – 15 years
Finland – 16 years	Russia – 16 years
France – 15 years	San Marino – 14 years
Germany – 14 years	Serbia – 14 years
Greece – 15 years	Slovakia – 15 years
Greenland – 15 years	Slovenia – 15 years
Hungary – 14 years	Spain – 16 years
Iceland – 15 years	Sweden – 15 years
Ireland (Republic) – 17 years	Switzerland – 16 years
Israel – 16 years	Turkey – 18 years
Italy – 14 years	Ukraine – 16 years
Kosovo (UNSC1244) – 16 years	United Kingdom – 16 years
Latvia – 16 years	Vatican City – 18 years
Lebanon – 18 years	
Liechtenstein – 14 years	

Q003. Are you old enough to legally have sex with men in the country you live in? [repeat]
[No-Yes] (the combined EMIS-2010–17 dataset includes this response in Q002)

[If Q002=1 or Q003=1, Exit Page]

Unfortunately, you must be old enough to legally have sex with men in the country you live in to take part in this survey. Thank you for your interest in EMIS, first results will be available in mid 2018. You can get more information at www.esticom.eu / *Thank you for your interest in LAMIS, the first results will be available in late 2018. You can get more information at www.lamis.org.*

FIRSTLY...

Q004. What is your current gender identity? [compulsory question; comparable to EMIS-2010 Q1]

- 1=Man
- 2=Trans man
- 3=Woman
- 4=Trans woman
- 5=Non-binary gender

[Indicating 1 or 2 was a qualifier so there is no missing data in this variable]

[If Q004=3, 4 or 5]

Q005. This survey is for people who identify as men (cis and trans). You are very welcome to read and complete the rest of the survey however we will be unable to use your data. What would you like to do?

- 1=Exit the survey
- 2=Continue reading the survey

[If Q005=1, Exit page]

Thank you for your interest in EMIS, the results will be available across Europe in 2018. You can get more information at www.esticom.eu / *Thank you for your interest in LAMIS, the first results will be available in late 2018. You can get more information at www.lamis.org.*

Q006. What sex were you assigned at birth? [New question]

- 1=Male
- 2=Female
- 3=Decline to state

Q007 / **age**. How old are you? [Compulsory; RECODED; [drop down in years]. Comparable to EMIS-2010 Q2 which used a write-in]. Due to its centrality / for convenience re-labeled to "age" in some datasets.

age_5 (1= less than 20; 2=20-24;...; 10=60-65; 11=65+);

age_esc (1= underage; 2=18-19; 3=20-24; 4=25-29; 5=30-39; 6=40+)

age_low (1= underage; 2=18-19; 3=20-29; 3=30-39; ...; 8=70+)

age_quar (1= less than 25; 2=25-39; 3=40+)

Q007in5s. RECODED VARIABLE. Age in 5-year age bands. Cases indicating 90 years or more are treated as outliers and have this variable missing (ie. are coded -1).

Q007in10s. RECODED VARIABLE. Age in 10-year age bands. Cases indicating 90 years or more are treated as outliers and have this variable missing (ie. are coded -1).

ABOUT WHERE YOU LIVE

Q008. Which country do you currently live in? [Compulsory qualifying questions so there is no missing data in this variable; identical to EMIS-2010 Q4 with one response option removed]
[see Section 10 for Country Response Set]

Q008_43. RECODED VARIABLE. Name of country of residence, with values reordered to group countries as in Q008_group1 (see below).

Q008_61. RECODED VARIABLE. Name of country of residence, with values reordered to group countries as in Q008_group1 (see below).

[Note: In Q008_43 and Q008_61: cases living in microstates have been coded as the country the microstate is within or adjacent to; England, Scotland, Wales and Northern Ireland have been grouped as United Kingdom; and the 3 countries that did not reach 100 respondents (Albania, Montenegro and Kosovo) have been grouped together. A circle (°) indicates that the country has joined the EU Health Programme, a star (*) indicates the inclusion of a microstate and/or overseas territory]

1=Austria°	32=Bosnia & Herzegovina°
2=Belgium°	33=North Macedonia
3=Bulgaria°	34=Serbia°
4=Croatia°	35=Turkey
5=Cyprus°	35.5=(Albania / Montenegro / Kosovo)
6=Czechia°	36=Belarus
7=Denmark°*	37=Lebanon
8=Estonia°	38=Israel
9=Finland°*	39=Moldova°
10=France°*	40=Ukraine
11=Germany°	41=Russia
12=Greece°	
13=Hungary°	42=Canada
14=Ireland°	43=Philippines
15=Italy°*	
16=Latvia°	44=Argentina
17=Lithuania°	45=Bolivia
18=Luxembourg°	46=Brazil
19=Malta°	47=Chile
20=Netherlands°	48=Colombia
21=Poland°	49=Costa Rica
22=Portugal°*	50=Ecuador
23=Romania°	51=El Salvador
24=Slovakia°	52=Guatemala
25=Slovenia°	53=Honduras
26=Spain°*	54=Mexico
27=Sweden°	55=Nicaragua
28=United Kingdom°*	56=Panama
	57=Paraguay
29=Iceland°	58=Peru
30=Norway°*	59=Suriname
31=Switzerland*	60=Uruguay
	61=Venezuela

Q008_TLD50. RECODED STRING VARIABLE, using the top-level domain (TDL) country code for all 50 countries included in EMIS-2017.

Q008_TLD43 RECODED STRING VARIABLES, using the top-level domain (TDL) country code for all 43 countries with more than 100 respondents in EMIS-2017.

Q008_TLD18 RECODED STRING VARIABLE, using the top-level domain (TDL) country code for all 18 countries included in LAMIS

AD [Andorra]	LI [Liechtenstein]
AL [Albania]	LT [Lithuania]
<i>AR [Argentina]</i>	LU [Luxembourg]
AT [Austria]	LV [Latvia]
BA [Bosnia & Herzegovina]	MC [Monaco]
BE [Belgium]	MD [Moldova]
BG [Bulgaria]	ME [Montenegro]
<i>BO [Bolivia]</i>	MK [North Macedonia]
<i>BR [Brazil]</i>	MT [Malta]
BY [Belarus]	<i>MX [Mexico]</i>
CA [Canada]	<i>NI [Nicaragua]</i>
CH [Switzerland, for _TLD43/61 including LI]	NL [Netherlands]
<i>CL [Chile]</i>	NO [Norway]
<i>CO [Colombia]</i>	<i>PA [Panama]</i>
<i>CR [Costa Rica]</i>	<i>PE [Peru]</i>
CY [Cyprus]	PH [Philippines]
CZ [Czechia]	PL [Poland]
DE [Germany]	PT [Portugal]
DK [Denmark]	<i>PY [Paraguay]</i>
<i>EC [Ecuador]</i>	RO [Romania]
EE [Estonia]	RS [Serbia]
ES [Spain, for _TLD43/61 including AD]	RU [Russia]
FI [Finland]	SE [Sweden]
FR [France, for _TLD43/61 including MC]	SI [Slovenia]
GR [Greece]	SK [Slovakia]
<i>GT [Guatemala]</i>	SM [San Marino]
<i>HN [Honduras]</i>	<i>SR [Suriname]</i>
HR [Croatia]	<i>SV [El Salvador]</i>
HU [Hungary]	TR [Turkey]
IE [Ireland]	UA [Ukraine]
IL [Israel]	UK [United Kingdom]
IS [Iceland]	<i>UY [Uruguay]</i>
IT [Italy, for _TLD43/61 including SM]	<i>VE [Venezuela]</i>
LB [Lebanon]	XK [Kosovo]

Q008_group0. RECODED VARIABLE.

1=EMIS-2017

2=LAMIS

Q008_group1. RECODED VARIABLE. Political/economic groupings of countries.

1=EU (European Union, as of 2017)

2=EFTA (European Free Trade Association)

3=EU Enlargement Area (https://en.wikipedia.org/wiki/European_Neighbourhood_Policy).

4=ENP (European Neighbourhood Policy)

5=Russia

6=Canada

7=Philippines

8=Mexico and Central America

9=Mercosur (as of 2017)

10=Other South American countries

Q008_group2. RECODED VARIABLE. Sub-regions of Europe as used in EMIS-2010 but **switched Malta and Greece** (<http://www.emis-project.eu/sub-regions.html>).

Includes regional grouping defined by the LAMIS editorial board

- 0=Canada
- 1=West Europe (BE, FR, IE, MC, NL, UK)
- 2=Northwest Europe (DK, FI, IS, NO, SE)
- 3=Central-West Europe (AT, CH, DE, LI, LU)
- 4=Southwest Europe (AN, ES, IT, **MT**, PT, SM)
- 5=Northeast Europe (EE, LT, LV)
- 6=Central-East Europe (CZ, HU, PL, SI, SK)
- 7=Southeast Europe (AL, BA, BG, CY, **GR**, HR, ME, MK, RO, RS, TK, XK)
- 8=East Europe (BY, MD, RU, UA)
- 9=Middle East (IL, LB)
- 10=Philippines
- 11=Mexico*
- 12=Central America (CR, GT, HN, NI, PA, SV)*
- 13=Andean region (BO, EC, CO, PE, and including VE and SR)*
- 14=Southern Cone (AR, CL, UY, and including PY)*
- 15=Brazil*

Q008_group3. RECODED VARIABLE. Sub-regions of Europe according to EuroVoc (<https://en.wikipedia.org/wiki/Eurovoc>) and UN geographical subregions.

- 0=Canada
- 1=North Europe
- 2=West Europe
- 3=South Europe
- 4=East Europe
- 5=Western Asia
- 6=Philippines
- 7=Mexico and Central America*
- 8=South America*

Q008_expat. DERIVED VARIABLE. **Multinational datasets only**.

Living in one of the 50 EMIS countries but not in the EMIS country of birth.

Living in one of the 68 EMIS/LAMIS countries but not in the EMIS/LAMIS country of birth.

[If Q008 is not a qualifying country]

Q009. Unfortunately this survey is not collecting data from the country you live in. You are very welcome to read and complete the rest of the survey, however we will be unable to use your data.

What would you like to do?

- 1=Exit the survey
- 2=Continue reading the survey

[If Q009=1, Exit page] Thank you for your interest in EMIS, first results will be available in mid 2018. You can get more information at www.esticom.eu

Q010. Which [region etc.] do you live in? [Identical/comparable to EMIS-2010 Q5 depending on country] [see Section 11, Region Response Sets]

Q011. How would you describe the place you live in? [Identical to EMIS-2010 Q3]

- 1=A very big city or town (a million or more people)
- 2=A big city or town (500,000-999,999 people)
- 3=A medium-sized city or town (100,000-499,999 people)
- 4=A small city or town (10,000-99,999 people)
- 5=A village / the countryside (less than 10,000 people)

Q011_city. DERIVED VARIABLE. City of residence. Combines responses from Q010 and Q011. Codes 1–60 are cities with populations of 500,000 or more with over 300 respondents, and country capitals and settlements thought to have a high gay relevance with over 100 respondents. Codes 61–105 are other European (or Canadian) cities with populations of 500,000 or more with over 100 respondents.

Codes 111–174 are Latin American cities.

-2=Other settlements (population under 500,000)

-1=Other settlements (populations over 500,000)

0=Region (Q010) and/or settlement size (Q011) not answered

1=Amsterdam	44=Rome	86=Nantes	133=Rio de Janeiro
2=Athens	45=Sofia	87=Naples	134=San Jose
3=Barcelona	46=St.Petersburg	88=Nice	135=Santa Cruz de la Sierra
4=Beirut	47=Stockholm	89=Nuremberg	136=Salvador da Bahia
5=Belgrade	48=Tallinn	90=Novosibirsk	137=San Salvador
6=Berlin	49=Tel Aviv	91=Ottawa–Gatineau	138=Santiago
7=Bologna	50=Thessaloniki	92=Palermo	139=São Paulo
8=Bordeaux	51=Toronto	93=Porto	140=Tegucigalpa
9=Bratislava	52=Turin	94=Poznań	141=Valparaiso
10=Brighton	53=Valencia	95=Rotterdam	
11=Brussels	54=Valetta	96=Ruhr Region	142=Mendoza
12=Bucharest	55=Vancouver	97=Sevilla & Málaga	143=San Miguel (AR)
13=Budapest	56=Vienna	98=Samara	144=Santa Fé (AR)
14=Chisinau	57=Vilnius	99=Strasbourg	145 Belém
15=Cologne	58=Warsaw	100=Stuttgart	146 Curitiba
16=Copenhagen	59=Zagreb	101=Toulouse	147 Florianopolis
17=Dublin	60=Zurich	102=Winnipeg	148 Fortaleza
18=Frankfurt		103=Wrocław	149 Goiania
19=Geneva-Lausanne	61=Ankara	104=Yekaterinburg	150 Joao Pessoa
20=Gothenburg	62=Antwerp	105=Zaragoza	151 Maceió
21=Hamburg	63=Birmingham		152 Manaus
22=Helsinki	64=Bremen	111=Asuncion	153 Natal (BR)
23=Istanbul	65=Bristol	112=Belo Horizonte	154 Porto Alegre
24=Kiev	66=Calgary	113=Bogota	155 Recife
25=Kraków	67=Cardiff	114=Brasilia	156 Teresina
26=Leipzig	68=Den Haag	115=Buenos Aires	157 Los Angeles (CL)
27=Lisbon	69=Dresden	116=Cali	158 Barranquilla
28=Ljubljana	70=Düsseldorf	117=Caracas	159 Bucaramanga
29=London	71=Edinburgh	118=Cordoba	160 Pereira (CO)
30=Lyon	72=Edmonton	119=Guadalajara	161 San Pedro Sula
31=Madrid	73=Florence	120=Guatemala City	162 Cancun
32=Manchester	74=Gdańsk	121=Guayaquil	163 Chihuahua/Juarez
33=Manila	75=Genoa	122=La Paz / El Alto	164 Hermosillo
34=Milan	76=Glasgow	123=Lima Metropolitana & Callao	165 Leon (MX)
35=Minsk	77=Hanover	124=Managua	166 Mérida
36=Montreal	78=Izmir	125=Medellin	167 Querétaro
37=Moscow	79=Krasnodar	126=Greater Mexico City	168 Torreón/Salttillo
38=Munich	80=Leeds	127=Monterrey	169 San Luis Potosi
39=Nicosia	81=Lille	128=Montevideo	170 Tijuana
40=Oslo	82=Liverpool	129=Panama City	171 Veracruz/Xalapa
41=Paris	83=Łódź	130=Quito	172 Arequipa
42=Prague	84=Marseille	131=Paramaribo	173 Maracaibo
43=Riga	85=Montpellier	132=Puebla de Zaragoza	174 Valencia (VE)

YOUR COUNTRY OF BIRTH

Q012. Were you born in <Q008>? [Identical to EMIS-2010 Q6]
[No-Yes]

Q012_modified. DERIVED VARIABLE. Respondents born in countries that have ceased to exist (eg. Soviet Union, German Democratic Republic, Yugoslavia) who indicated 'No' at Q012 and at Q013 indicated the same country as they were currently living in, have this modified variable set to Yes. Men born in one of the four parts of the UK (Scotland, Wales, Northern Ireland, England) and now living in another also have Q12_modified set to Yes.

[If Q012=1]

Q013. Which country were you born in? (If it does not exist anymore, please select the country that best applies.) [Identical to EMIS-2010 Q7]
[see Section 10 for Country Response Set]

Q013_continent. DERIVED VARIABLE. Country of birth grouped by continent.

Q013_RegionOrigin. DERIVED VARIABLE. Country of birth grouped by WHO region.

[If Q012=1]

Q014. How many years have you been living in <Q008>? [Identical to EMIS-2010 Q8]
1=Less than 1 year
2=1
3=2
[...]
110=109
111=110

[If Q012=1]

Q015–Q023. Why did you come to <Q008>? (Tick as many as apply) [New question]

[Note: Some of the men who answered these questions had never changed country of residence. Using Q12_modified will exclude these men.]

Q015. I was brought as a child
[No-Yes]

Q019. To live more openly as gay/bisexual/trans
[No-Yes]

Q016. To study
[No-Yes]

Q020. To seek asylum
[No-Yes]

Q017. To work
[No-Yes]

Q021. I came as a refugee
[No-Yes]

Q018. To be with a partner
[No-Yes]

Q022. I was brought against my will
[No-Yes]

Q023. Other answer

[If Q023=2]

Q024. Please describe your other answer. [write-in answer]

YOUR SEXUALITY

Q025–Q029. Who are you sexually attracted to? (Tick as many as apply) [Comparable to EMIS-2010 Q9. Note: Replaces single sexual attraction measure (quasi-Kinsy scale) that (a) assumes increased homosexual attraction means decreased heterosexual attraction, and (b) excludes non-binary attraction.]

Q025. Men

[No-Yes]

Q026. Women

[No-Yes]

Q027. Non-binary people (who identify as neither men nor women, or as both)

[No-Yes]

Q028. I'm not attracted to anyone

[No-Yes]

Q025-Q028. DERIVED VARIABLE. Who are you sexually attracted to (composite). Combines responses to Q025 to Q028 into 8 categories.

1=Men only

2=Women only

3=Non-binary people only

4=Men & women only

5=Men & non-binary people only

6=Women & non-binary people only

7=Men, women & non-binary people

8=No one

Q029. Which of the following options best describes how you think of yourself? [Identical to EMIS-2010 Q

1=Gay or homosexual

2=Bisexual

3=Straight or heterosexual

4=Any other term

5=I don't usually use a term

[If Q025=2]

Q030. Thinking about all the people who know you (including family, friends and work or study colleagues), what proportion know that you are attracted to men? [Identical to EMIS-2010 Q11]

1=All or almost all

2=More than half

3=Less than half

4=Few

5=None

HOW YOU FEEL ABOUT YOUR SEX LIFE

Q031-032. Do you disagree or agree with the following statements?

Q031. The sex I have is always as safe as I want it to be. [Identical to EMIS-2010 Q12]
[5 point disagree-agree]

Q032. I find it easy to say 'no' to sex I don't want. [Identical to EMIS-2010 Q13]
[5 point disagree-agree]

Q033. On a scale of 1 to 10 (where 1 is the most unhappy and 10 is the most happy), how happy are you with your sex life? [EMIS Q15 asked this with a binary option]

1=1 (most unhappy)

[...]

10=10 (most happy)

RELATIONSHIPS

Q034. Do you currently have a 'steady partner', that is a lover or spouse that means you are not 'single'? [Combined with Q036-041 below, comparable to EMIS-2010 Q40-45 with the addition of non-binary partner responses]

1=No, I am single

2=Yes, I have a steady partner

3=I'm not sure / it's complicated

[If Q034=1]

Q035. When did your most recent steady relationship break-up? [New question]

1=I've never had a steady relationship

2=Within the last 24 hours

3=Within the last 7 days

4=Within the last 4 weeks

5=Within the last 6 months

6=Within the last 12 months

7=Within the last 5 years

8=More than 5 years ago

[If Q034=2]

Q036-Q041. Are you currently in a steady relationship with...? (Tick as many as apply) [Combined with Q034 above, comparable to EMIS-2010 Q40-45 with the addition of non-binary partner responses]

Q036. One man
[No-Yes]

Q038. One non-binary person
[No-Yes]

Q040. One woman
[No-Yes]

Q037. More than one man
[No-Yes]

Q039. More than one non-binary person
[No-Yes]

Q041. More than one woman
[No-Yes]

Q036_Q041. DERIVED VARIABLE. In a steady relationship with... (composite). Combines responses to Q036 to Q041 into 4 groups.

1=One man only

2=More than one man (no women/non-binary)

3=One woman only

4=All other steady relationships

[If Q036=2 or Q037=2]

Q042. How many years have you been in a steady relationship with this **man**? (If you have more than one steady relationship with a man, please tell us about the longest) [Identical to EMIS-2010 Q46]

1=Less than a year

2=1

[...]

26=25

27=More than 25 year

[If Q036=2 or Q037=2]

Q043. Does your steady male partner have HIV? (If you have more than one steady relationship with a man, please tell us about the longest) [Comparable to EMIS-2010 Q47 in combination with EMIS-2010 Q71]

- 1=No, he is HIV negative
- 2=Yes, and he has an undetectable viral load (viral load differentiation only in 2017)
- 3=Yes, and his viral load is detectable (viral load differentiation only in 2017)
- 4=Yes, and I do not know what his viral load is
- 5=I don't know whether he has HIV or not

[If Q040=2 or Q041=2]

YOUR RELATIONSHIP WITH A WOMAN / WOMEN

Q044. How many years have you been in a steady relationship with this **woman**? (If you have more than one steady relationship with a woman, please tell us about the longest) [Identical to EMIS-2010 Q48]

- 1=Less than a year
- 2=1
- 3=2
- [...]
- 25=24
- 26=25
- 27=More than 25 year

Q045. Does your steady female partner have HIV? (If you have more than one steady relationship with a woman, please tell us about the longest) [Comparable to EMIS-2010 Q49 in combination with EMIS-2010 Q71]

- 1=No, she is HIV negative
- 2=Yes, and she has an undetectable viral load
- 3=Yes, and her viral load is detectable
- 4=Yes, and I do not know what her viral load is
- 5=I don't know whether she has HIV or not

[If Q038=2 or Q039=2]

YOUR RELATIONSHIP WITH A NON-BINARY PERSON / PEOPLE

Q046. How many years have you been in a steady relationship with this **non-binary** person? (If you have more than one steady relationship with a non-binary person, please tell us about the longest) [New question]

- 1=Less than a year
- 2=1
- 3=2
- [...]
- 25=24
- 26=25
- 27=More than 25 year

Q047. Does your steady non-binary partner have HIV? (If you have more than one steady relationship with a non-binary person, please tell us about the longest) [New question]

- 1=No, they are HIV negative
- 2=Yes, and they have an undetectable viral load
- 3=Yes, and their viral load is detectable
- 4=Yes, and I do not know what their viral load is
- 5=I don't know whether they have HIV or not

DID YOU KNOW THIS ABOUT HIV AND HIV TESTING

Q048. When was the last time you saw or heard any information about HIV or STIs specifically for men who have sex with men? [Identical to EMIS-2010 Q144]

[Recency scale with never]

Q049–Q052. The following four statements are all TRUE. **Did you know this already?**

Q049. AIDS is caused by a virus called HIV. [Identical to EMIS-2010 Q61]
[knowledge response set]

Q050. You cannot be confident about whether someone has HIV or not from their appearance. [Identical to EMIS-2010 Q62]
[knowledge response set]

Q051. There is a medical test that can show whether or not you have HIV. [Identical to EMIS-2010 Q63]
[knowledge response set]

Q052. If someone becomes infected with HIV it may take several weeks before it can be detected in a test. [Identical to EMIS-2010 Q65]
[knowledge response set]

DID YOU KNOW THIS ABOUT HIV TREATMENT

Q053–Q055. The following three statements are all TRUE. **Did you know this already?**

Q053. There is currently no cure for HIV infection. [Identical to EMIS-2010 Q66]
[knowledge response set]

Q054. HIV infection can be controlled with medicines so that its impact on health is much less. [Identical to EMIS-2010 Q67]
[knowledge response set]

Q055. A person with HIV who is on effective treatment (called 'undetectable viral load') cannot pass their virus to someone else during sex. [New question replacing EMIS-2010 Q68: "Effective treatment of HIV infection reduces the risk of HIV being transmitted"]
[knowledge response set]

TESTING FOR HIV

Q056. Have you ever received an HIV test result?
[No-Yes]

[If Q056=2]

Q057. Have you ever been diagnosed with HIV?
[No-Yes] "No" includes men who were never tested for HIV.

Q057testhist. DERIVED VARIABLE. HIV-testing history. [Combines Q056 and Q057 above, comparable to EMIS-2010 Q71]

[If Q056=1]

Q058. Have you ever been offered an HIV test by a health service? [New question]
1=No
2=Yes
3=I don't know

[If Q056=1]

Q059. Do you know where you could get an HIV test? [New question]
1=No
2=Yes
3=Not sure

[If Q057=2]

BEING DIAGNOSED WITH HIV

Q060. In which year were you initially diagnosed HIV positive? [Identical to EMIS Q72, extended responses]

- | | |
|-------------------------------------|-------------|
| 1=1984 | 1 1984–1990 |
| 2=1985 | 2 1991–1995 |
| [...] | 3 1996–2000 |
| 33=2016 | 4 2001–2005 |
| 34=2017 | 5 2006–2010 |
| | 6 2011–2015 |
| Q060grouped. [options on the right] | 7 2016–2017 |

Q060years. RECODED VARIABLE. Number of years diagnosed HIV positive.

[If Q060=33]

Q061. RECODED VARIABLE. Were you diagnosed with HIV within the last 12 months? [Denominator is people with diagnosed HIV. Identical to EMIS-2010 Q73]

[No-Yes] "Yes" includes all men diagnosed in 2017/2010.

Q061new. RECODED VARIABLE. Were you diagnosed with HIV within the last 12 months? [Denominator is everyone but people who had HIV diagnosed longer than 12 months ago]

- 1=Diagnosed HIV positive over 12 months ago
- 1=NOT diagnosed HIV positive
- 2=Diagnosed HIV positive in the last 12 months

Q062. Where were you initially diagnosed with HIV? [Identical to EMIS-2010 Q75 with modified response set, see 6.2]

- 1=General Practitioner / family doctor
- 2=A doctor in private practice
- 3=At a hospital or clinic as an out-patient, or an Institute
- 4=At a hospital as an in-patient
- 5=At a community health service or drop-in (not in a hospital or clinic)
- 6=At a blood bank, while donating blood
- 7=I used a self-sampling kit (I took my own sample then sent it away to be analysed)
- 7.5=I used a home testing kit (combined EMIS-2010–17 dataset only)**
- 8=I used a self-testing kit (I found out the result on the spot)
- 9=In a bar/pub, club or sauna
- 10=Mobile testing unit
- 11=Elsewhere

Q063. When you were diagnosed HIV positive, how satisfied were you with the **support and information you received**? [New question replacing EMIS-2010 Q79–Q81]

- 1=I did not receive support or information
- 2=Very satisfied
- 3=Satisfied
- 4=Dissatisfied
- 5=Very dissatisfied
- 6=I don't remember / I did not think about it

[If Q057=2]

MONITORING YOUR HIV INFECTION

Q064. When did you last see a health professional for monitoring your HIV infection? (Please say when you last did this, even if it was not typical for you) [Identical to EMIS-2010 Q82]

[recency scale with never]

Q065. Have you ever taken antiretroviral treatment (sometimes known as ART or HAART) for your HIV infection? [Identical to EMIS-2010 Q83 with the addition of response 3]

- 1=No
- 2=Yes
- 3=I don't know

[If Q065=2]

Q066. How much time was there between your HIV diagnosis and you starting treatment? [New question]

[Q066a] [write in] years [Q066b] [write in] months

Q066months. RECODED VARIABLE. Total number of months from Q066a and Q066b. [Note: Cases where the number of years given was greater than 33 years were coded as -3 'Out of range'.]

[If Q065=1]

Q067–Q076. Why have you never taken antiretroviral treatment for your HIV infection? (Tick as many as apply) [responses rotated]

Q067. I was diagnosed very recently [New question]

[No-Yes]

Q068. My doctor says I don't need antiretroviral treatment at the moment [Identical to EMIS-2010 Q84]

[No-Yes]

Q069. To avoid the side-effects [Identical to EMIS-2010 Q85]

[No-Yes]

Q070. I feel it is not necessary [Identical to EMIS-2010 Q86]

[No-Yes]

Q071. I'm afraid people will notice [Identical to EMIS-2010 Q87]

[No-Yes]

Q072. I don't want to be reminded about HIV every day [Identical to EMIS-2010 Q88]

[No-Yes]

Q073. I don't have health insurance cover [New question]

[No-Yes]

Q074. I can't afford the treatment [Identical to EMIS-2010 Q90]

[No-Yes]

Q075. I don't know where to get the treatment [New question]

[No-Yes]

Q076. Other reason. [Identical to EMIS-2010 Q91; in the combined EMIS-2010–17 dataset this includes Q067, Q073, Q075 as well as "treatment not available in country I live in" (2010)]

[No-Yes]

[If Q076=2]

Q077. For what other reason have you never taken antiretroviral treatment? [Identical to EMIS-2010 Q92]
[write in answer]

[If Q065=2]

Q078. Are you currently taking antiretroviral treatment? [Identical to EMIS-2010 Q93]

[No-Yes]

[If Q078=1]

Q079–Q086. Why have you stopped taking antiretroviral treatment? (Tick as many as apply) [responses rotated]

Q079. My doctor says I don't need antiretroviral treatment at the moment [Identical to EMIS-2010 Q94]

[No-Yes]

Q080. To avoid the side-effects [Identical to EMIS-2010 Q95]

[No-Yes]

Q081. I feel it is not necessary [Identical to EMIS-2010 Q96]

[No-Yes]

Q082. I'm afraid people will notice [Identical to EMIS-2010 Q97]

[No-Yes]

Q083. I don't want to be reminded about HIV every day [Identical to EMIS-2010 Q98]

[No-Yes]

Q084. I no longer have health insurance cover [New question]

[No-Yes]

Q085. I can no longer afford the treatment [Identical to EMIS-2010 Q100]

[No-Yes]

Q086. Other reason [Identical to EMIS-2010 Q101; in the combined EMIS-2010–17 dataset this includes Q084 as well as “treatment not available in country I live in” (2010)]

[No-Yes]

[If Q064=2]

Q087. For what other reason have you stopped taking antiretroviral treatment? [Identical to EMIS-2010 Q102]

[write in answer]

[If Q064<8, ie. ever had HIV infection medically monitored]

Q088. What was the result of your viral load test the last time you had your HIV infection monitored?

[Identical to EMIS-2010 Q103 with the addition of response 7]

1=Undetectable

2=Detectable

3=I was told but I don't remember the result

4=It was measured but I was not told the result

5=It was not measured

6=I don't remember

7=I don't understand the question

Q088bin RECODED VARIABLE. Detectable at last viral load test.

1=Undetectable

2=Detectable

[If Q057=1]

ABOUT YOUR LAST HIV TEST

Q089. When did you **last** have an HIV test? [Identical to EMIS-2010 Q104]

[recency scale without never]

Q090. Where did you go for your **last** HIV test? [Identical to EMIS-2010 Q105 with modified response set, see 6.2]

1=General Practitioner / family doctor

2=A doctor in private practice

3=At a hospital or clinic as an out-patient, or an Institute

4=At a hospital as an in-patient

5=At a community health service or drop-in (not in a hospital or clinic)

6=At a blood bank, while donating blood

7=I used a self-sampling kit (I took my own sample then sent it away to be analysed)

7.5=I used a home testing kit (combined EMIS-2010–17 dataset only)

8=I used a self-testing kit (I found out the result on the spot)

9=In a bar/pub, club or sauna

10=Mobile testing unit

11=Elsewhere

Q091. The last time you tested for HIV, how satisfied were you with the **support and information you received**? [New question replacing EMIS-2010 Q109–Q111]

1=I did not receive any support or information

2=Very satisfied

3=Satisfied

4=Dissatisfied

5=Very dissatisfied

6=I don't remember / I did not think about it

ABOUT PEP (POST-EXPOSURE PROPHYLAXIS) FOR HIV

Q092. Have you heard of **PEP**? [New question]

- 1=No
- 2=Yes
- 3=Not sure

Q093–Q095. The following three statements are all TRUE. **Did you know this already?**

Q093. Post-exposure prophylaxis (PEP) attempts to stop HIV infection taking place after a person is exposed to the virus (for example by having intercourse without a condom). [Identical to EMIS-2010 Q247 with addition of "for example by having intercourse without a condom"]
[knowledge response set]

Q094. PEP is a one month course of anti-HIV drugs. [Identical to EMIS-2010 Q248]
[knowledge response set]

Q095. PEP should be started as soon as possible after exposure, preferably within hours. [Identical to EMIS-2010 Q249]
[knowledge response set]

[If Q056=1 or Q057=1]

Q096. Have you ever tried to get PEP (even if you did not take it)? [New question]
[No-Yes response set]

[If Q096=2]

Q097. Have you ever taken PEP? [Comparable to EMIS-2010 Q250]

- 1=No, I could not get it
- 2=No, I had the opportunity but decided not to take it
- 3=Yes, I've taken one course of pills
- 4=Yes, I've taken more than one course of pills
- 5=I don't know

The combined EMIS-2010–17 data has fewer options (1=No, 2=Yes, 3= IDK) & includes Q096.

[If Q057=2]

Q098. Before you were diagnosed with HIV, had you ever tried to get PEP (even if you did not take it)? [New question]
[No-Yes]

[If Q098=2]

Q099. Before you were diagnosed with HIV, had you ever taken PEP? [Comparable to EMIS-2010 Q251]

- 1=No, I could not get it
- 2=No, I had the opportunity but decided not to take it
- 3=Yes, I've taken one course of pills
- 4=Yes, I've taken more than one course of pills
- 5=I don't know

The combined EMIS-2010–17 data has fewer options (1=No, 2=Yes, 3= IDK) & includes Q098.

[If Q097=3 or 4, or Q099=3 or 4]

Q100. For how many days did you take PEP? (If you've taken more than one course of pills, think about the most recent course) [New question]
[write in] days

[If Q056=1 or Q057=1]

Q101. How confident are you that you could get PEP if you thought you needed it? [Identical to EMIS-2010 Q252]

- 1=Very confident
- 2=Quite confident
- 3=A little confident
- 4=Not at all confident
- 5=I don't know

ABOUT PREP (PRE-EXPOSURE PROPHYLAXIS) FOR HIV

Q102. Have you heard of **PrEP**? [New question]
[No-Yes]

Q103–Q105. The following three statements are all TRUE. **Did you know this already?**

Q103. **Pre**-Exposure prophylaxis (PrEP) involves someone who does not have HIV taking pills **before** as well as after sex to prevent them getting HIV. [New question]
[knowledge response set]

Q104. PrEP can be taken as a single daily pill if someone does not know in advance when they will have sex. [New question]
[knowledge response set]

Q105. If someone knows in advance when they will have sex, PrEP needs to be taken as a double dose approximately 24 hours before sex **and** then at both 24 and 48 hours after the double dose. [New question]
[knowledge response set]

Please note: Taking PrEP just before and after sex has been shown to be protective in anal but not vaginal intercourse.

Q106. Has anyone at a health service in <Q008> ever spoken to you personally about PrEP? [New question]
1=No
2=Yes
3=I don't know

Q107–Q111. Which health service has spoken to you about PrEP? (Tick as many as apply)

Q107. General Practitioner / family doctor [New question]
[No-Yes]

Q108. A doctor in private practice [New question]
[No-Yes]

Q109. At a hospital or clinic as an out-patient, or an Institute [New question]
[No-Yes]

Q110. At a community service or drop-in (that is not in a hospital or clinic) [New question]
[No-Yes]

Q111. Other answer [New question]
[No-Yes]

[If Q111=2]

Q112. Please describe your other answer. [New question]
[write in answer]

[Page break with no heading]

Q113. Have you ever tried to get PrEP? [New question]
[No-Yes]

Q114. Have you ever taken PrEP? [New question]
1=No
2=Yes, on a daily basis and I'm still taking it
3=Yes, on a daily basis but I'm no longer taking it
4=Yes, when I have needed it but not daily
5=I don't know

Q114_modified. Have you ever taken PrEP? [answers modified March 2020 on the basis of write-in answers (Q133)]

- 1=No
- 2=Yes, on a daily basis and I'm still taking it
- 3=Yes, on a daily basis but I'm no longer taking it
- 4=Yes, when I have needed it but not daily
- 5=I don't know

Q114_Q057hivprep. RECODED VARIABLE combining Q057 and Q114_modified. HIV/PrEP status

- 1=Neither
- 2=Taking PrEP
- 3=Diagnosed HIV

[If Q114=2 or 3 or 4]

Q115. Have you ever spoken to a health care professional about PrEP before using it? [New question]
[No-Yes]

Q116. Have you ever received a medical prescription in <Q008> for PrEP? [New question]
[No-Yes]

[If Q116=2]

Q117-Q121. Where have you had a prescription for PrEP from? (Tick as many as apply)

Q117. General Practitioner / family doctor [New question]
[No-Yes]

Q118. A doctor in private practice [New question]
[No-Yes]

Q119. At a hospital or clinic as an out-patient, or an Institute [New question]
[No-Yes]

Q120. At a community health service or drop-in (not in a hospital or clinic) [New question]
[No-Yes]

Q121. Other answer [New question]
[No-Yes]

[If Q121=2]: Q122. Please describe your other answer [New question, write in answer]

[If Q114=2 or 3 or 4]

Q123-Q132. Where have you got your PrEP pills from? (Tick as many as apply)?

Q123. As a participant in a research study [New question]
[No-Yes]

Q124. General Practitioner / family doctor [New question]
[No-Yes]

Q125. A doctor in private practice [New question]
[No-Yes]

Q126. At a hospital, clinic or Institute [New question]
[No-Yes]

Q127. At a community health service or drop-in (not in a hospital or clinic) [New question]
[No-Yes]

Q128. From an online pharmacy [New question]
[No-Yes]

Q129. From a physical pharmacy (not online) [New question]
[No-Yes]

Q130. I used PEP pills as PrEP [New question]
[No-Yes]

Q131. I used someone else's anti-retroviral therapy (ART) pills as PrEP [New question]
[No-Yes]

Q132. Other answer [New question]
[No-Yes]

[If Q132=2]: Q133. Please describe your other answer [New question, write in answer]
Q123r, Q124r, Q125r, Q126r, Q127r, Q128r, Q129r, Q130r, Q131r Q132r RECODED VARIABLES [Added as recodes of the above variables with the respective Q-number, based on the free text to Q133]

Q133_1 (Bought abroad: not online or unspecified) [New answer, based on the free text to Q133]
[No-Yes]

Q133_2 (Given by friend or partner) [New answer, based on the free text to Q133]
[No-Yes]

[If Q056=1 or Q057=1]

Q134. If PrEP was available and affordable to you, how likely would you be to use it? [New question]

- 1=Very unlikely
- 2=Quite unlikely
- 3=Not sure
- 4=Quite likely
- 5=Very likely

ABOUT VIRAL HEPATITIS

Q135–Q139. The following statements are all TRUE. **Did you know this already?**

Q135. 'Hepatitis' is an inflammation of the liver. [New question]

[Knowledge response set]

Q136. Most hepatitis is caused by viruses. [New question]

[Knowledge response set]

Q137. There are several types of hepatitis viruses, named after the letters of the alphabet. [New question]

[Knowledge response set]

Q138. Vaccines exist for both hepatitis A and hepatitis B. [New question]

[Knowledge response set]

Q139. Doctors recommend men-who-have-sex-with-men are vaccinated against both hepatitis A and hepatitis B viruses. [New question]

[Knowledge response set]

ABOUT VIRAL HEPATITIS VACCINATION

Q140. Have you ever been offered any hepatitis vaccination by a health service? [New question]

- 1=No
- 2=Yes
- 3=I don't know

Q141. Have you been vaccinated against hepatitis A? [New question]

- 1=No, because I've had hepatitis A (and am now naturally immune)
- 2=No, and I don't know if I'm immune
- 3=Yes, and I completed the course
- 4=Yes, but I did not complete the course
- 5=I don't know

[If Q141=2 or 4 or 5]

Q142. Do you know where you could get vaccinated against hepatitis A? [New question]

- 1=No
- 2=Yes
- 3=Not sure

Q143. Have you been vaccinated against hepatitis B? [Identical to EMIS-2010 Q119 with modified response set, see 6.2]

- 1=No, because I've had hepatitis B (and am now naturally immune)
- 2=No, and I don't know if I'm immune
- 3=No, I have chronic hepatitis B infection
- 4=Yes, and I completed the course
- 5=Yes, but I did not complete the course
- 6=Yes, but I did not respond to the vaccinations
- 7=I don't know

[If Q143=2 or 5 or 6 or 7]

Q144. Do you know where you could get vaccinated against hepatitis B? [New question]

- 1=No
- 2=Yes
- 3=Not sure

ABOUT HEPATITIS C

There is no vaccine against hepatitis C

Q145. Have you ever been diagnosed with hepatitis C? [Identical to EMIS-2010 Q141]

- 1=No
- 2=Yes
- 3=I don't know

[If Q145=2]

Q146. When were you FIRST diagnosed with hepatitis C? [Identical to EMIS-2010 Q142]
[recency scale without never]

[If Q145=2]

Q147. How many times have you picked up hepatitis C infection? [New question]

- 1=Once
- 2=Twice
- 3=Three or more times

[If Q145=2]

Q148. What is your current hepatitis C status? [Identical to EMIS-2010 Q143]

- 1=I've cleared it spontaneously without treatment
- 2=I've cleared it with treatment
- 3=I still have it
- 4=I don't know

TESTING FOR OTHER SEXUALLY TRANSMITTED INFECTIONS

Q149. Have you ever had a test for sexually transmitted infections (STIs) other than HIV? [Identical to EMIS-2010 Q122]

- 1=No
- 2=Yes
- 3=I don't know

[If Q149=2]

Q150. When did you **last** have a test for STIs other than HIV? [Identical to EMIS-2010 Q123]
[recency scale without never]

[If Q150<6, ie. within last year]

Q151. Did you have any symptoms on that occasion? [Identical to EMIS-2010 Q124]

- 1=No
- 2=Yes
- 3=I don't remember

[If Q150<6, ie. within last year]

Q152. On that occasion, did your health care provider know you have sex with men? [New question replacing EMIS-2010 Q76–Q78 and Q106-108]

- 1=Yes, they definitely knew
- 2=Yes, they probably knew
- 3=No, they did not know I have sex with men
- 4=I don't know whether they knew or not

[If Q150<6, ie. within last year]

WHAT HAPPENED DURING STI TESTS IN THE LAST 12 MONTHS

Q153. So we can ask appropriate questions about STI tests, and because people's bodies differ, do you have... [New question]

- 1=A penis (cock)
- 2=A vagina (pussy, front-bottom)
- 3=Both of these
- 4=Neither of these

Q154. Have you provided a **blood sample** as part of any STI test in the last 12 months? [Identical to EMIS-2010 Q125]

- 1=No
- 2=Yes
- 3=I don't remember

Q155. Have you provided a **urine sample** as part of any STI test in the last 12 months? [Identical to EMIS-2010 Q126]

- 1=No
- 2=Yes
- 3=I don't remember

[If Q153=1 or 3]

Q156. Was something inserted into the opening of your penis (**urethral swab**) as part of any STI test in the last 12 months? [Identical to EMIS-2010 Q128]

- 1=No
- 2=Yes
- 3=I don't remember

[If Q153=1 or 3]

Q157. Has your **penis been examined** as part of any STI test in the last 12 months? [Identical to EMIS-2010 Q127]

- 1=No
- 2=Yes
- 3=I don't remember

[If Q153=2 or 3]

Q158. Was something inserted into your vagina (**vaginal swab**) as part of any STI test in the last 12 months? [New question]

- 1=No
- 2=Yes
- 3=I don't remember

[If Q153=2 or 3]

Q159. Has your **vagina** been examined as part of any STI test in the last 12 months? [New question]

- 1=No
- 2=Yes
- 3=I don't remember

Q160. Was something inserted into your anus (**anal swab**) as part of any STI test in the last 12 months? [Identical to EMIS-2010 Q130]

- 1=No
- 2=Yes
- 3=I don't remember

Q161. Has your **anus been examined** as part of any STI test in the last 12 months? [Identical to EMIS-2010 Q129]

- 1=No
- 2=Yes
- 3=I don't remember

BEING DIAGNOSED WITH SEXUALLY TRANSMITTED INFECTIONS

Q162. Have you ever been diagnosed with **syphilis**? [Identical to EMIS-2010 Q131]

- 1=No
- 2=Yes
- 3=I don't know

[If Q162=2]

Q163. When were you last diagnosed with **syphilis**? [Identical to EMIS-2010 Q132]
[recency scale without never]

[If Q163<6, ie. within last 12 months]

Q164. The last time you were diagnosed with **syphilis**, did you (or your healthcare provider) inform your recent sexual partners that they also needed a test/treatment? [New question]

- 1=No, none of them
- 2=Yes, some of them
- 3=Yes, all of them
- 4=I don't remember

Q165. Have you ever been diagnosed with **gonorrhoea**? [Identical to EMIS-2010 Q133]

- 1=No
- 2=Yes
- 3=I don't know

[If Q165=2]

Q166. When were you last diagnosed with **gonorrhoea**? [Identical to EMIS-2010 Q134]
[recency scale without never]

[If Q166<6, ie. within last 12 months]

Q167. The last time you were diagnosed with **gonorrhoea**, did you (or your healthcare provider) inform your recent sexual partners that they also needed a test/treatment? [New question]

- 1=No, none of them
- 2=Yes, some of them
- 3=Yes, all of them
- 4=I don't remember

Q168. Have you ever been diagnosed with **Chlamydia or LGV**? [Identical to EMIS-2010 Q135 with the addition of "or LGV"]

- 1=No
- 2=Yes
- 3=I don't know

[If Q168=2]

Q169. When were you last diagnosed with **Chlamydia or LGV**? [Identical to EMIS-2010 Q136 with the addition of "or LGV"]
[recency scale without never]

Q170. Have you ever been diagnosed with **anal or genital warts**? [Identical to EMIS-2010 Q137]

- 1=No
- 2=Yes
- 3=I don't know

[If Q170=2]

Q171. When were you FIRST diagnosed with **anal or genital warts**? [Identical to EMIS-2010 Q138]
[recency scale without never]

ABOUT SEX WITH MEN

In this survey, we use "sex" to mean physical contact to orgasm (or close to orgasm) for one or both partners. [Identical to EMIS-2010]

Q172. Have you ever had any kind of sex with a man (please include any sexual contact, not just intercourse)? [New question comparable to EMIS-2010 Q148, response 8]

[No-Yes]

[If Q172=2]

Q173. How old were you the **very first** time you had any kind of sex with another male, or another male had any kind of sex with you? [Comparable to EMIS-2010 Q149]

1=I don't remember

2=Younger than 13 years

3=13

4=14

[...]

19=29

20=30

21=Older than 30 years

[If Q172=2]

Q174. When did you last have any kind of sex with a man (please include any sexual contact, not just intercourse)? [Identical to EMIS-2010 Q148]

[recency scale with never. Note: this response set should have been served 'without never'.

Respondents were therefore able to indicate 'Yes' at Q172 and 'Never' at Q174.]

[If Q172=2]

ABOUT SEX WITH MEN [2]

In this survey we use the term "intercourse" (fucking, screwing) to mean sex where one partner puts their penis into the other partner's anus or vagina, whether or not this occurs to ejaculation.

"Intercourse" does not include oral sex or the use of dildos. [Modified definition, see 6.3]

Q175. Have you **ever** had intercourse with a man (either "passive" or "active" fucking), either with or without a condom? [Comparable to EMIS-2010 Q150]

[No-Yes]

[If Q175=2]

Q176. How old were you the **very first** time you had intercourse with another male? [Comparable to EMIS-2010 Q151]

1=I don't remember

2=Younger than 13 years

3=13

4=14

[...]

19=29

20=30

21=Older than 30 years

[If Q175=2]

Q177. When did you **last** have intercourse with a man (either with or without a condom)? [Comparable to EMIS-2010 Q152]

[recency scale without never]

[If Q174<6, ie. sex with a man in the last 12 months]

ABOUT SEX WITH STEADY MALE PARTNERS

In this survey we use the term '**steady partners**' to refer to boyfriends or husbands that mean you are not 'single', but not to partners who are simply sex buddies. [Identical to EMIS-2010]

Q178. In the last 12 months have you had **any kind** of sex with a **steady male partner**? [Identical to EMIS-2010 Q155]

[No-Yes]

[Note: In the following three variables (Q179–Q181), -1=Not answered, 0=None]

[If Q178=2]

Q179. How many different **steady male partners** have you had sex with in the last 12 months? [Note: The 'None' option was not presented on-screen as the question was served only to those who indicated they had a steady partner in the last 12 months. Identical to EMIS-2010 Q156]

0=None

1=1

2=2

[...]

9=9

10=10 or more

→ see RECODED VARIABLE "**partnerN**" for the OVERALL number of partners below.

Reminder: The term "intercourse" (fucking, screwing) means sex where one partner puts their penis into the other partner's anus or vagina. "Intercourse" does not include oral sex or the use of dildos. [New text]

[If Q178=2]

Q180. How many steady male partners have you had **intercourse** with in the last 12 months?

[Comparable to EMIS-2010 Q157]

0=None

1=1

2=2

[...]

9=9

10=10 or more

[If Q180>0]

Q181. How many steady male partners have you had **intercourse without a condom** with in the last 12 months? [Comparable to EMIS-2010 Q158]

0=None

1=1

2=2

[...]

9=9

10=10 or more

[If Q174<6, ie. sex with a man in the last 12 months]

ABOUT SEX WITH NON-STEADY MALE PARTNERS

In this survey we use the term '**non-steady partners**' to mean men you have had sex with once only, and men you have sex with more than once but who you don't think of as a steady partner (including one night stands, anonymous and casual partners, regular sex buddies). [Identical to EMIS-2010]

Q182. In the last 12 months, have you had **any kind** of sex with a **non-steady male** partner? [Identical to EMIS-2010 Q163]

[No-Yes]

[Note: In the following three variables (Q183-Q185), -1=Not answered, 0=None]

[If Q182=2]

Q183. How many different **non-steady male partners** have you had sex with in the last 12 months?

[Note: The 'None' option was not presented on-screen as the question was served only to those who indicated they had a non-steady partner in the last 12 months. Identical to EMIS-2010 Q164]

0=None

1=1

2=2

[...]

10=10

11=11-20

12=21-30

13=31-40

14=41-50

15=More than 50

→ see RECODED VARIABLE "**partnerN**" for the OVERALL number of partners below.

Reminder: The term "intercourse" (fucking, screwing) means sex where one partner puts their penis into the other partner's anus or vagina. "Intercourse" does not include oral sex or the use of dildos. [New text]

[If Q182=2]

Q184. How many non-steady partners did you have **intercourse** with in the last 12 months?

[Comparable to EMIS-2010 Q165]

0=None

1=1

2=2

[...]

10=10

11=11-20

12=21-30

13=31-40

14=41-50

15=More than 50

[If Q184>0]

Q185. How many non-steady male partners have you had **intercourse without a condom** with in the last 12 months? [Comparable to EMIS-2010 Q166]

- 0=None
- 1=1
- 2=2
- [...]
- 10=10
- 11=11-20
- 12=21-30
- 13=31-40
- 14=41-50
- 15=More than 50

[If Q184>0]

ABOUT INTERCOURSE WITH NON-STEADY MALE PARTNERS

Q186. In the last 12 months, how often were **condoms** used when you had intercourse with non-steady male partners? [Identical to EMIS-2010 Q178]

- 1=Never
- 2=Seldom
- 3=Sometimes
- 4=Mostly
- 5=Always

[If Q186<5]

Q187. In the last 12 months, have you had intercourse without a condom with a non-steady partner who you **knew at the time was HIV positive**? [Comparable to EMIS-2010 Q179]

[No-Yes]

[If Q187=2]

Q188. Did that HIV-positive man / those HIV-positive men have undetectable viral load? [New question]

- 1=Yes, I knew he did / they all did
- 2=Yes, I knew some of them did
- 3=No, he did not / none of them did
- 4=I don't know
- 5=I don't understand the question

[If Q186<5]

Q189. In the last 12 months, have you had intercourse without a condom with a non-steady partner who you **knew at the time was HIV negative**? [Comparable to EMIS-2010 Q180]

[No-Yes]

[If Q189=2]

Q190. Was that HIV-negative man / were those HIV-negative men **taking PrEP**? [New question]

- 1=Yes, I know he was / they all were
- 2=Yes, I know some of them were
- 3=No, he was not / none of them were
- 4=I don't know
- 5=I don't understand the question

[If Q186<5]

Q191. In the last 12 months have you had intercourse without a condom with a non-steady partner whose **HIV status you did not know or think about at the time**? [Comparable to EMIS-2010 Q181]

[No-Yes]

[If Q182=2]

ABOUT THE LAST TIME YOU HAD ANY SEX WITH A NON-STEADY MALE PARTNER

Please think about the **most recent occasion** you had sex with a **non-steady** male sex partner (whether or not you had intercourse). [Comparable to EMIS-2010]

Q192. Were you having sex with one man or more than one man? [New question]

- 1=It was just me and him
- 2=It was me, my steady partner and a non-steady partner (a threesome)
- 3=It was me and two non-steady partners (a threesome)
- 4=It was me and three or more other people

[Note: In EMIS-2010 the following block of questions were not split for one non-steady versus more than one non-steady. In the combined EMIS-2010–17 dataset, answers to questions Q196–Q250, where applicable, include answers to questions from the 2nd block Q254–Q298.]

[If Q192=1 or 2]

[IF LAST NON-STEADY SESSION WAS WITH ONE PARTNER OR THREESOME WITH STEADY PARTNER (1)] [Note: this page heading was not seen on-screen]

Q193. Where did you have sex? [New question]

- 1=My home
- 2=His home
- 3=Someone else's home
- 4=A hotel room
- 5=In a club or backroom of a bar
- 6=A sauna
- 7=A porn cinema
- 8=A cruising location (street, roadside service area, park, beach, baths, lavatory)
- 9=Other answer

[If Q193=9]

Q194. Please describe your other answer [New question] [write in answer]

[If Q192=2]

Please answer the following question with regard to the non-steady partner. [New text]

Q195. Where did you **first** meet him? [With Q243–Q253 below, comparable to EMIS-2010 Q182 with modified response set, see Section 6.2]

In the combined EMIS-2010–17 dataset, this question is included in the multiple-choice answers Q243–Q253.

- 1=A gay community centre, gay organisation or gay social group
- 2=A gay café or gay bar
- 3=A gay disco or nightclub
- 4=A backroom of a bar, gay sex club, a public gay sex party
- 5=A gay sex party in a private home
- 6=A gay sauna
- 7=A porn cinema
- 8=A cruising location (street, roadside service area, park, beach, baths, lavatory)
- 9=On my mobile phone (or other GPS enabled device)
- 10=Elsewhere on the internet
- 11=Elsewhere

Q196. Have you had sex with him before (on a different occasion)? [With Q254 below, comparable to EMIS-2010 Q183]

- 1=No
- 2=Yes, one time
- 3=Yes, more than one time

Q197. What did you tell him about your HIV status before or during sex? [with Q255 below, comparable to EMIS-2010 Q184]

- 1=I told him I didn't know my HIV status
- 2=I told him I was HIV negative
- 3=I told him I was HIV positive
- 4=I said nothing about my HIV status
- 5=I don't remember

[If Q197=2]

Q198. What did you tell him about your PrEP use? [New question]

- 1=I told him I was on PrEP
- 2=I told him I was not on PrEP
- 3=I did not tell him whether I was on PrEP or not

[If Q197=3]

Q199. What did you tell him about your viral load? [New question]

- 1=I told him I was undetectable
- 2=I told him I was detectable
- 3=I told him nothing about my viral load

Q200. What did you know or think about his HIV status before having sex? [With Q258 below, comparable to EMIS-2010 Q185]

- 1=I knew or thought he was HIV negative
- 2=I knew or thought he was HIV positive
- 3=I don't remember
- 4=I didn't have any thoughts about his HIV status

Q200LAMIS. What did you know or think about his HIV status before having sex?

- 1=I thought he was HIV negative*
- 2=I knew he was HIV negative*
- 3=I thought he was HIV positive*
- 4=I knew he was HIV positive*
- 5=I don't remember*
- 6=I didn't have any thoughts about his HIV status*

[If Q200=2] *[If Q200LAMIS=3 or 4]*

Q201. What did he tell you about his viral load? [New question]

- 1=He told me he was undetectable
- 2=He told me he was detectable
- 3=He told me nothing about his viral load

[If Q200=1] *[If Q200LAMIS=1 or 2]*

Q202. What did he tell you about his PrEP use? [New question]

- 1=He told me he was on PrEP
- 2=He told me he was not on PrEP
- 3=He did not tell me whether he was on PrEP or not

[If Q192=1 or 2]

[IF LAST NON-STEADY SESSION WAS WITH ONE PARTNER OR THREESOME WITH STEADY PARTNER (2)]. Note: this page heading was not seen on-screen]

Still thinking about the last time you had sex with a non-steady male partner...

Q203. Did you have intercourse (fuck) on that occasion? [With Q261 below, comparable to EMIS-2010 Q187]

- 1=No
- 2=Yes, he fucked me (I was 'passive')
- 3=Yes, I fucked him (I was 'active')
- 4=Yes, we fucked each other (I was both 'passive' and 'active')

[If Q203= 2 or 4]

Q204. Did **he use a condom** when he was active in intercourse (when he fucked you)? [With Q262 below, comparable to EMIS-2010 Q188 with modified response set]

- 1=No
- 2=Yes, all the time he was fucking
- 3=Yes, but not all the time
- 4=I don't remember/I don't know

[If Q204=1 or 3]

Q205. Did **he** ejaculate (cum) into your rectum (arse)? [With Q263 below, comparable to EMIS-2010 Q189]

- 1=No
- 2=Yes
- 3=I don't remember/I don't know

[If Q203=3 or 4]

Q206. Did **you** use a condom when you were "active" in intercourse? [With Q264 below, comparable to EMIS-2010 Q190 with modified response set]

- 1=No
- 2=Yes, all the time I was fucking
- 3=Yes, but not all the time
- 4=I don't remember/I don't know

[If Q206=1 or 3]

Q207. Did **you** ejaculate (cum) into his rectum (arse)? [With Q265 below, comparable to EMIS-2010 Q191]

- 1=No
- 2=Yes
- 3=I don't remember/I don't know

Q208–Q217. During that session, did you engage in... (tick as many as apply) [With Q266–Q275 below, compare EMIS-2010 Q167–Q175]

Q208. Mutual masturbation (wanking)?
[No-Yes]

his rectum (you fist-fucked him)?
[No-Yes]

Q209. You sucking his penis (cock)?
[No-Yes]

Q214. He put his hand past the knuckle into your rectum (he fist-fucked you)?
[No-Yes]

Q210. Him sucking your penis (cock)?
[No-Yes]

Q215. Using sex toys for penetration
[No-Yes]

Q211. You licking his anus (rimming him)?
[No-Yes]

Q216. Sharing sex toys for penetration
[No-Yes]

Q212. Him licking your anus (him rimming you)?
[No-Yes]

Q217. Other sex acts
[No-Yes]

Q213. You put your hand past the knuckle into

[If Q217=2]

Q218. What other sex acts did you engage in?
[write in answer]

Q219–Q237. Which of these substances had you taken shortly before or during this session? (Tick as many as apply) [New questions.]

Q219. Alcohol
[No-Yes]

Q229. Heroin or related drugs (poppy straw, kompot, fentanyl)
[No-Yes]

Q220. Poppers (nitrite inhalants)
[No-Yes]

Q230. Mephedrone (4-MMC, meow, methylone, bubbles)
[No-Yes]

Q221. Viagra®, Cialis®, Levitra® or other substances that help to get or keep an erection
[No-Yes]

Q231. Synthetic stimulants other than mephedrone (eg. MXE, bathsalts, 3-MMC, 4-MEC, 4_FA, XTC-light)
[No-Yes]

Q222. Sedatives or tranquilizers (Valium®, Rivotril®, Rohypnol®, Xanax®, Seduxen®, Phenazepam)
[No-Yes]

Q232. GHB/GBL (liquid ecstasy)
[No-Yes]

Q223. Cannabis (hashish, marijuana)
[No-Yes]

Q233. Ketamine (special K)
[No-Yes]

Q224. Synthetic cannabinoids (eg. Spice, K2, herbal incense)
[No-Yes]

Q234. LSD (acid)
[No-Yes]

Q225. Ecstasy (E, XTC, MDMA) in the form of a pill
[No-Yes]

Q235. Cocaine
[No-Yes]

Q226. Ecstasy (E, XTC, MDMA) in the form of a crystal or powder
[No-Yes]

Q236. Crack cocaine
[No-Yes]

Q227. Amphetamine (speed)
[No-Yes]

Q237. I took drugs but I don't know which drugs
[No-Yes]

Q228. Crystal methamphetamine (crystal, meth, Tina, Pervitin)
[No-Yes]

Q238. I had not taken any drugs or alcohol
[No-Yes]

[If Q221=2 or Q225=2 or Q226=2 or Q227=2 or Q228=2 or Q229=2 or Q230=2 or Q231=2 or Q232=2 or Q234=2 or Q235=2]

[Note: In error, the condition for the injecting question omitted indicating 'ketamine', 'crack cocaine' and 'I took drugs but I don't know which drugs'. Respondents who indicated these responses (and/or alcohol, poppers, sedatives, cannabis, synthetic cannabinoids) but none of the other drugs were not asked Q239.]

Q239. Did you inject drugs (or have someone inject you) on this occasion? [New question]
[No-Yes]

Q240. On a scale of 1 (worst) to 10 (best), how would you rate this sexual session? [With Q298 below, comparable to EMIS-2010 Q196]

1=1 (worst)

2=2

[...]

9=9

10=10 (best)

[If Q192=3 or 4]

[IF LAST NON-STEADY SESSION WAS WITH MULTIPLE PARTNERS (1). Note: this page heading was not seen on-screen]

Q241. Where did you have sex? [New question]

1=Your home

2=Someone else's home

3=A hotel room

4=In a club or backroom of a bar

5=A sauna

6=A porn cinema

7=A cruising location (street, roadside service area, park, beach, baths, lavatory)

8=Other answer

[If Q241=8]

Q242. Please describe your other answer [New question]

[write in answer]

Q243–Q253. Where did you **first** meet them? (tick as many as apply) [With Q195 above, comparable to EMIS-2010 Q182 with modified response set, see Section 6.2. **In the combined EMIS-2010–17 dataset, Q195 is included in the multiple-choice answers Q243–Q253.**]

Q243. A gay community centre, gay organisation or gay social group

[No-Yes]

Q244. A gay café or gay bar

[No-Yes]

Q245. A gay disco or nightclub

[No-Yes]

Q246. A backroom of a bar, gay sex club, a public gay sex party

[No-Yes]

Q247. A gay sex party in a private home

[No-Yes]

Q248. A gay sauna

[No-Yes]

Q249. A porn cinema

[No-Yes]

Q250. A cruising location (street, roadside service area, park, beach, baths, lavatory)

[No-Yes]

Q251. On my mobile phone (or other GPS enabled device)

[No-Yes]

Q252. Elsewhere on the internet [**combined EMIS-2010–17 dataset: "On the internet (2010/2017)/ my mobile phone (2017)"**]

[No-Yes]

Q253. Elsewhere

[No-Yes]

[Note: In the combined EMIS-2010–17 dataset, Q254–Q298 are, where applicable, included in the 1st block Q196–Q240]

Q254. Have you had sex with any of them before (on a different occasion)? [With Q196 above, comparable to EMIS-2010 Q183]

- 1=No, they were all new to me
- 2=Yes, one time with one or more of them
- 3=Yes, more than one time with one or more of them

Q255. What did you tell them about your HIV status before or during sex? [With Q197 above, comparable to EMIS-2010 Q184]

- 1=I told them I didn't know my HIV status
- 2=I told them I was HIV negative
- 3=I told them I was HIV positive
- 4=I said nothing about my HIV status
- 5=I don't remember

[If Q255=2]

Q256. What did you tell them about your PrEP use? [New question]

- 1=I told them I was on PrEP
- 2=I told them I was **not** on PrEP
- 3=I did not tell them whether I was on PrEP or not

[If Q255=3]

Q257. What did you tell them about your viral load? [New question]

- 1=I told them I was undetectable
- 2=I told them I was detectable
- 3=I told them nothing about my viral load

Q258. What did you know or think about their HIV statuses before having sex? [With Q200 above, comparable to EMIS-2010 Q185]

- 1=I knew or thought they were all HIV negative
- 2=I knew or thought they were all HIV positive
- 3=I knew or thought they had different HIV statuses
- 4=I don't remember
- 5=I didn't have any thoughts about their HIV statuses

Q258LAMIS. What did you know or think about their HIV statuses before having sex? [With Q200 above, comparable to EMIS-2010 Q185]

- 1=I thought they were all HIV negative*
- 2=I knew they were all HIV negative*
- 3=I thought they were all HIV positive*
- 4=I knew they were all HIV positive*
- 5=I thought they had different HIV statuses*
- 6=I knew they had different HIV statuses*
- 7=I don't remember*
- 8=I didn't have any thoughts about their HIV statuses*

[If Q258=1 or 3] [*If Q258LAMIS=1,2,5 or 6*]

Q259. Did any of them tell you they were on PrEP? [New question]

- 1=No
- 2=Yes
- 3=I don't know / I don't remember

[If Q258=2 or 3] [*If Q258LAMIS=3,4,5 or 6*]

Q260. Did any of them tell you they had undetectable viral load? [New question]

- 1=No
- 2=Yes
- 3=I don't know / I don't remember

[If Q192=3 or 4]

[IF LAST NON-STEADY SESSION WAS WITH MULTIPLE PARTNERS (2)]. Note: this page heading was not seen on-screen]

Still thinking about the last time you had sex with non-steady male partners...

Q261. Did you have intercourse (fuck) on that occasion? [With Q203 above, comparable to EMIS-2010 Q185]

- 1=No
- 2=Yes, someone fucked me (I was 'passive')
- 3=Yes, I fucked someone (I was 'active')
- 4=Yes, I both fucked and got fucked (I was both 'active' and 'passive')

[If Q261=2 or 4]

Q262. Did the men fucking you **use condoms**? [With Q204 above, comparable to EMIS-2010 Q188 with modified response set]

- 1=No
- 2=Yes, all the time they were fucking me
- 3=Yes, but not all the time they were fucking me
- 4=I don't remember/I don't know

[If Q261=2 or 4]

Q263. Did **any men** ejaculate (cum) into your rectum (arse)? [With Q205 above, comparable to EMIS-2010 Q189]

- 1=No
- 2=Yes
- 3=I don't know / I don't remember

[If Q261=3 or 4]

Q264. Did **you** use condoms when were active in intercourse (you fucking them)? [With Q206 above, comparable to EMIS-2010 Q190 with modified response set]

- 1=No
- 2=Yes, all the time I was fucking
- 3=Yes, but not all the time I was fucking
- 4=I don't remember/I don't know

[If Q261=3 or 4]

Q265. Did **you** ejaculate (cum) into anyone's rectum (arse)? [With Q207 below, comparable to EMIS-2010 Q191]

- 1=No
- 2=Yes
- 3=I don't know / I don't remember

Q266–Q275. During that session, with any partner did you engage in...(tick as many as apply) [With Q208–Q218 above, compare EMIS-2010 Q167–Q175]

Q266. Mutual masturbation (wanking)?
[No-Yes]

fist-fucked him)?
[No-Yes]

Q267. You sucking his penis (cock)?
[No-Yes]

Q272. He put his hand into your rectum (he fist-fucked you)?
[No-Yes]

Q268. Him sucking your penis (cock)?
[No-Yes]

Q273. Using sex toys for penetration
[No-Yes]

Q269. You licking his anus (rimming him)?
[No-Yes]

Q274. Sharing sex toys for penetration
[No-Yes]

Q270. Him licking your anus (him rimming you)?
[No-Yes]

Q275. Other sex acts
[No-Yes]

Q271. You put your hand into his rectum (you

[If Q275=2]

Q276. What other sex acts did you engage in?
[write in answer]

Q277–Q296. Which of these substances had you taken shortly before or during this session? (tick as many as apply) [New question]

Q277. Alcohol
[No-Yes]

Q278. Poppers (nitrite inhalants)
[No-Yes]

Q279. Viagra®, Cialis®, Levitra® or other substances that help to get or keep an erection
[No-Yes]

Q280. Sedatives or tranquilizers (Valium®, Rivotril®, Rohypnol®, Xanax®, Seduxen®, Phenazepam)
[No-Yes]

Q281. Cannabis (hashish, marijuana)
[No-Yes]

Q282. Synthetic cannabinoids (eg. Spice, K2, herbal incense)
[No-Yes]

Q283. Ecstasy (E, XTC, MDMA) in the form of a pill
[No-Yes]

Q284. Ecstasy (E, XTC, MDMA) in the form of a crystal or powder
[No-Yes]

Q285. Amphetamine (speed)
[No-Yes]

Q286. Crystal methamphetamine (crystal, meth, Tina, Pervitin)
[No-Yes]

Q287. Heroin or related drugs (poppy straw, kompot, fentanyl)
[No-Yes]

Q288. Mephedrone (4-MMC, meow, methylone, bubbles)
[No-Yes]

Q289. Synthetic stimulants other than mephedrone (eg. MXE, bathsalts, 3-MMC, 4-MEC, 4_FA, XTC-light)
[No-Yes]

Q290. GHB/GBL (liquid ecstasy)
[No-Yes]

Q291. Ketamine (special K)
[No-Yes]

Q292. LSD (acid)
[No-Yes]

Q293. Cocaine
[No-Yes]

Q294. Crack cocaine
[No-Yes]

Q295. I took drugs but I don't know which drugs
[No-Yes]

Q296. I had not taken any drugs or alcohol
[No-Yes]

[If Q280=2 or Q284=2 or Q285=2 or Q286=2 or Q287=2 or Q288=2 or Q289=2 or Q291=2 or Q293=2 or Q294=2]

[Note: In error, the condition for the injecting question omitted indicating 'Viagra etc', and 'I took drugs but I don't know which drugs'. Respondents who indicated these responses (and/or alcohol, poppers, cannabis, synthetic cannabinoids, ecstasy in the form of a pill, GHB/GBL, LSD) but none of the other drugs were not asked Q297.]

Q297. Did you inject drugs (or have someone inject you) on this occasion? [New question]
[No-Yes]

Q298. On a scale of 1 (worst) to 10 (best), how would you rate this sexual session? [With Q240 above, comparable to EMIS-2010 Q196]

1=1 (worst)

2=2

[...]

9=9

10=10 (best)

PAYING AND BEING PAID FOR SEX WITH MEN

Q299. When was the last time **you paid a man** to have sex with you. By paid we mean you gave him money, gifts or favours in return for sex. [New question]
[Recency scale with never]

[If Q299<6, ie. within last 12 months]

Q300. In the last 12 months, how often have **you paid a man** to have sex with you? [With Q299 above, comparable to EMIS-2010 Q197]

0=Not at all (combined EMIS-2010–17 dataset only)

1=1-2 times

2=3-10 times

3=11-50 times

4=More than 50 times

Q301. When was the last time **you were paid** by a man to have sex with him. By paid we mean he gave you money, gifts or favours in return for sex? [New question]
[Recency scale with never]

[If Q301<6, ie. within last 12 months]

Q302. In the last 12 months how often have **you been paid by a man** to have sex with him? [With Q301 above, comparable to EMIS-2010 Q198]

0=Not at all (combined EMIS-2010–17 dataset only)

1=1-2 times

2=3-10 times

3=11-50 times

4=More than 50 times

ABOUT SEX WITH WOMEN

In this survey, we use "sex" to mean physical contact to orgasm (or close to orgasm) for one or both partners. [Identical to EMIS-2010]

Q303. When did you last have any kind of sex with a woman? [Identical to EMIS-2010 Q208]
[Recency scale with never]

[If Q303<6, ie. within last 12 months]

In this survey we use the term "intercourse" to mean sex where one partner puts their penis into the other partner's vagina or anus, whether or not this occurs to ejaculation. "Intercourse" does not include oral sex or the use of dildos. [Modified definition, see 6.3]

[Note: In the following variable (Q304), -1=Not answered, 0=None]

[If Q303<6, ie. within last 12 months]

Q304. How many different women, have you had intercourse with in the last 12 months? [Comparable to EMIS-2010 Q209]

0=None

1=1

2=2

[...]

9=9

10=10 or more

[If Q304>0]

Q305. In the last 12 months, how often have you used condoms when you had intercourse with women?

[Comparable to EMIS-2010 Q210]

- 1=Never
- 2=Seldom
- 3=Sometimes
- 4=Mostly
- 5=Always

The following variables combine then number of steady male, non-steady male, and female partners.

partnerN. DERIVED VARIABLE. Overall number of sexual partners in the last 12 months.

- 0=None
- 1=1
- 2=2
- [...]
- 10=10
- 11=11-20
- 12=21-30
- 13=31-40
- 14=41-50
- 15=More than 50

partnerNcut. DERIVED VARIABLE. Overall number of sexual partners in the last 12 months, cut at 10+.

- 0=None
- 1=1
- 2=2
- [...]
- 10=10
- 11=More than 10

partnerNgroup. DERIVED VARIABLE. Overall number of sexual partners in the last 12 months, grouped

- 0=None
- 1=1
- 2=2-5
- 3=6-10
- 4=More than 10

partnerNgroup2. DERIVED VARIABLE. Overall number of sexual partners in the last 12 months, grouped

- 1=1 (or No sex partners, or missing answer)
- 2=2-4
- 3=5-7
- 4=8-10
- 5=11-20
- 6=21-30
- 7=31-40
- 8=41-50
- 9=More than 50

Partner10. DERIVED VARIABLE. Dichotomised Number of sex partners in the last 12 months

- 1=Up to 10 sex partners
- 2=More than 10 sex partners

DID YOU KNOW THIS ABOUT HIV TRANSMISSION

Q306–Q308. The following three statements are all TRUE. **Did you know this already?**

Q306. HIV **cannot** be passed during kissing, including deep kissing, because saliva does not transmit HIV. [Identical to EMIS-2010 Q241]
[knowledge response set]

Q307. You **can** pick up HIV through your penis while being 'active' in anal or vaginal sex (fucking) without a condom, even if you don't ejaculate. [Comparable to EMIS-2010 Q242]
[knowledge response set]

Q308. You **can** pick up HIV through your rectum or vagina while being 'passive' during sex (being fucked). [Comparable to EMIS-2010 Q243]
[knowledge response set]

Q309. What do you think your current HIV status is (whether or not you've ever tested for HIV)?
[Identical to EMIS-2010 Q69]

- 1=Definitely negative (I don't have HIV)
- 2=Probably negative
- 3=Not sure / I don't know
- 4=Probably positive
- 5=Definitely positive (I do have HIV)

DID YOU KNOW THIS ABOUT STI TRANSMISSION

Q310–Q312. The following three statements are all TRUE. **Did you know this already?**

Q310. Most sexually transmitted infections can be passed on more easily than HIV. [Identical to EMIS-2010 Q246]
[knowledge response set]

Q311. Because they sometimes have no symptoms, people can have sexually transmitted infections without knowing it. [New question]
[knowledge response set]

Q312. The correct use of condoms throughout intercourse reduces the likelihood of picking up and passing on STIs (including HIV). [New question]
[knowledge response set]

ABOUT YOUR ACCESS TO CONDOMS

Q313. When was the last time you had intercourse without a condom solely because you did not have a condom? [Comparable to EMIS-2010 Q207]
[recency scale with never]

Q314–Q323. Where have you got condoms from in the last 12 months? (Tick all that apply) [New question]

Q314. Bought online [New question]
[No-Yes]

Q315. Bought at a physical shop (not online)
[New question]
[No-Yes]

Q316. Bought from a vending machine [New q.]
[No-Yes]

Q317. Free from clinics [New question]
[No-Yes]

Q318. Free from gay bars/clubs [New question]
[No-Yes]

Q319. Free from saunas [New question]
[No-Yes]

Q320. Free from gay or HIV community organisations [New question]
[No-Yes]

Q321. From friends/sex partners [New question]
[No-Yes]

Q322. Other answer [New question]
[No-Yes]

Q323. I have not got condoms in the last 12 months [New question]
[No-Yes]

[If Q322=2]

Q324. Please describe your other answer. [New question]

[If any of Q314 to Q322 = 2]

Q325. Where have you **most commonly** got condoms from in the last 12 months? [New question]

1=Bought online

2=Bought at a physical shop (not online)

3=Bought from a vending machine

4=Free from clinics

5=Free from gay bars/clubs

6=Free from saunas

7=Free from gay or HIV community organisations

8=From friends/sex partners

9=Other answer

[If Q325=9]

Q326. Please describe your other answer. [New question]
[write in answer]

HOW YOU'VE BEEN FEELING RECENTLY

Q327–Q331. Over the last 2 weeks, how often have you been bothered by the following problems?

Q327. Feeling nervous, anxious or on edge [New question]

- 1=not at all
- 2=some days
- 3=more than half the days
- 4=nearly every day

Q328. Not being able to stop or control worrying [New question]

- 1=not at all
- 2=some days
- 3=more than half the days
- 4=nearly every day

Q329. Little interest or pleasure in doing things [New question]

- 1=not at all
- 2=some days
- 3=more than half the days
- 4=nearly every day

Q330. Feeling down, depressed, or hopeless [New question]

- 1=not at all
- 2=some days
- 3=more than half the days
- 4=nearly every day

Q330_PHQ4. RECODED VARIABLE. Patient Health Questionnaire-4. [Items Q327 to Q330 form a combined measure of anxiety and depression, the PHQ-4 (Kroenke K, Spitzer RL, Williams JBW, Löwe B (2009) An ultra-brief screening scale for anxiety and depression: the PHQ-4 Psychosomatics, 50, 613-621). All 4 items must have an answer. Scoring: not at all=0; several days=1; more than half the days=2; nearly every day=3. Sum the 4 scores: 0-2 Normal; 3-5 Mild; 6-8 Moderate; 9-12 Severe.

- 1=Normal
- 2=Mild
- 3=Moderate
- 4=Severe

Q331. Thoughts that you would be better off dead, or of hurting yourself in some way? [New question. This scale is a version of the Primary Care Evaluation of Mental Disorders (PRIME-MD). The PHQ-9 is a diagnostic tool specifically for depression. This scale scores each of the 9 criteria in the Diagnostic and Statistical Manual of Mental Disorders (DSM-IV) according to the mood module of the PRIME- MD. In EMIS2017, suicidal ideation was measured from one item on the scale.]

- 1=not at all
- 2=some days
- 3=more than half the days
- 4=nearly every day

ABOUT USING VARIOUS SUBSTANCES

How long has it been since you last consumed the following substances in any context. Please say when you last did something, even if this was not typical for you.

Q332. When was the last time you consumed **alcohol**? [Identical to EMIS-2010 Q224]
[recency scale with never]

Q333. When was the last time you consumed **tobacco products**? [Identical to EMIS-2010 Q225]
[recency scale with never]

Q334. When was the last time you consumed **poppers** (nitrite inhalants)? [Identical to EMIS-2010 Q226]
[recency scale with never]

ABOUT USING VARIOUS SUBSTANCES [2]

Q335. When was the last time you consumed **Viagra®, Cialis®, Levitra® or other substances** that help to get or keep an erection? [Comparable to EMIS-2010 Q227]
[recency scale with never]

Q336. When was the last time you consumed sedatives or tranquilizers (**Valium®, Rivotril®, Rohypnol®, Xanax®, Seduxen®, Phenazepam®**)? {Comparable to EMIS-2010 Q228]
[recency scale with never]

Q337. Have you EVER taken any other recreational or illicit drugs? [Identical to EMIS-2010 Q229]
[No-Yes]

[If Q337=2]

ABOUT OTHER SUBSTANCES YOU MAY HAVE CONSUMED

How long has it been since you last consumed the following substances in any context. Please say when you last did something, even if this was not typical for you.

Q338. When was the last time you consumed **cannabis (hashish, marijuana)**? [Identical to EMIS-2010 Q230]
[recency scale with never]

Q339. When was the last time you consumed **synthetic cannabinoids (eg. Spice, K2, herbal incense)**? [New question]
[recency scale with never]

Q340. When was the last time you consumed **ecstasy (E, XTC, MDMA) in the form of a pill?** [With Q341 below, comparable to EMIS-2010 Q231]
[recency scale with never]

Q341. When was the last time you consumed **ecstasy (E, XTC, MDMA) in the form of a crystal or powder?** [With Q340 above, comparable to EMIS-2010 Q231, **included in Q340 in the combined EMIS-2010-17 dataset**]
[recency scale with never]

[If Q337=2]

ABOUT OTHER SUBSTANCES YOU MAY HAVE CONSUMED [2]

Q342. When was the last time you consumed **amphetamine (speed)**? [Identical to EMIS-2010 Q232]
[recency scale with never]

Q343. When was the last time you consumed **crystal methamphetamine (crystal, meth, Tina, Pervitin)**? [Comparable to EMIS-2010 Q233] → See Dublin Declaration Monitoring.
[recency scale with never]

Q344. When was the last time you consumed **heroin or related drugs** (poppy straw, kompot,

fentanyl)? [Identical to EMIS-2010 Q234]
[recency scale with never]

Q345. When was the last time you consumed **mephedrone (4-MMC, meow, methylene, bubbles)**?
[Identical to EMIS-2010 Q235] → See Dublin Declaration Monitoring.
[recency scale with never]

Q346. When was the last time you consumed **synthetic stimulants other than mephedrone (eg. MXE, bathsalts, 3-MMC, 4-MEC, 4_FA, XTC-light)**? [New question]
[recency scale with never]

[If Q337=2]

ABOUT OTHER SUBSTANCES YOU MAY HAVE CONSUMED [3]

Q347. When was the last time you consumed **GHB/GBL (liquid ecstasy)**? [Identical to EMIS-2010 Q236] → See Dublin Declaration Monitoring.
[recency scale with never]

Q348. When was the last time you consumed **ketamine (special K)**? [Identical to EMIS-2010 Q237]
[recency scale with never] → See Dublin Declaration Monitoring.

Q349. When was the last time you consumed **LSD (acid)**? [Identical to EMIS-2010 Q238]
[recency scale with never]

Q350. When was the last time you consumed **cocaine**? [Identical to EMIS-2010 Q239]
[recency scale with never]

Q351. When was the last time you consumed **crack cocaine**? [Identical to EMIS-2010 Q240]
[recency scale with never]

ABOUT INJECTING

Q352. Have you ever injected anabolic steroids (testosterone), or had someone else inject into you?
[Comparable to EMIS-2010 Q220]

- 1=No, never
- 2=Yes, within the last 12 months
- 3=Yes, more than 12 months ago

Q353. Have you ever injected any drug to get high (other than anabolic steroids or prescribed medicines), or had someone else inject into you? [Comparable to EMIS-2010 Q221]

- 1=No, never
- 2=Yes, within the last 12 months
- 3=Yes, more than 12 months ago

[If Q353=2]

Q354. In the last 12 months how many times have you injected any drug other than anabolic steroids or medicines, or had someone else inject into you? [New question]

- 1=1
- 2=2
- [...]
- 9=9
- 10=10 or more

Q355–Q364. Which drugs have you injected or had injected into you in the last 12 months? (Tick all that apply) [New question]

Q355. Ecstasy (E, XTC, MDMA)
[No-Yes]

Q356. Amphetamine (speed)
[No-Yes]

Q357. Crystal methamphetamine (crystal, meth, Tina, Pervitin)
[No-Yes]

Q358. Heroin or related drugs (poppy straw, kompot, fentanyl)
[No-Yes]

Q359. Mephedrone (4-MMC, meow, methylone, bubbles)
[No-Yes]

Q360. Synthetic stimulants other than mephedrone (eg. MXE, bathsalts, 3-MMC, 4-MEC, 4_FA, XTC-light)
[No-Yes]

Q361. Ketamine (special K)
[No-Yes]

Q362. Cocaine
[No-Yes]

Q363. Crack cocaine
[No-Yes]

Q364. I've injected drugs but I don't know which drugs
[No-Yes]

[If Q352>1 or Q353>1]

Q365. When was the last time you injected with a used needle or syringe given, lent, rented or sold to you by someone else? [New question]
[recency scale with never]

ABOUT COMBINING SEX AND SUBSTANCES

Q366. When was the last time you had sober sex (that is, NOT under the influence of alcohol or any other drug)? [New question]
[recency scale with never]

[If Q174<6, ie. sex with a man in last 12 months]

Q367. In the last 12 months, how much of the sex you've had with men has been under the influence of alcohol or any other drug? [New question]

- 1=None of it
- 2=Almost none of it
- 3=Less than half
- 4=About half
- 5=More than half
- 6=Almost all of it
- 7=All of it

[If Q337=2, ie. ever used an illicit recreational drug]

Q368. When was the last time you used **stimulant drugs** to make sex more intense or last longer? (Note: The stimulant drugs include ecstasy/MDMA, cocaine, amphetamine (speed), crystal methamphetamine (Tina, Pervitin), mephedrone and ketamine.) [New question] → See Dublin Declaration Monitoring.

[Note: In LAMIS, the word #stimulant# and the subsequent list of drugs was deleted. The question is thus not comparable across EMIS-2017/LAMIS].

[recency scale with never]

chems4. Alternatively, for analyses of trends 2010–17, as the recency of using the 4-chems (GHB/GBL, Mephedrone, Ketamin, or Crystal Methamphetamine) is very similar to the recency of using stimulant drugs, using the 4-chems in the past four weeks can serve as a proxy.

This is also a valid alternative for comparing EMIS and LAMIS data.

[If Q368<8, ie. ever chemsex]

Q369. When was the last time you combined stimulant drugs and sex with more than one man at the same time? [New question] [recency scale with never]

[If Q369<6, ie. multi-partner chemsex in last 12 months] *[Note: In LAMIS, the word #stimulant was deleted. The question is thus not comparable across EMIS-2017/LAMIS]*

Q370. Where did that most recent sex with stimulants and multiple partners take place? [New question]

- 1=Your home
- 2=Someone else's home
- 3=A hotel room
- 4=In a club or backroom of a bar
- 5=A sauna
- 6=A porn cinema
- 7=A cruising location (street, roadside service area, park, beach, baths, lavatory)
- 8=Other answer

[If Q370=8]

Q371. Please describe your other answer [New question]

[write in answer]

[If Q369<6, ie. in last 12 months]

Q372. For how many years have you been combining stimulant drugs and multiple sexual partners? [New question] *[Note: In LAMIS, the word #stimulant# was deleted. The question is thus not comparable across EMIS-2017/LAMIS]*

- 1=Less than one year
- 2=Less than 2 years
- [...]
- 9=Less than 9 years
- 10=About 10 years
- 11=More than 10 years

CONCERN ABOUT DRUGS

[If Q334<6 or Q336<6 or Q338<6 or Q339<6 or Q340<6 or Q341<6 or Q342<6 or Q343<6 or Q344<6 or Q345<6 or Q346<6 or Q347<6 or Q348<6 or Q349<6 or Q350<6 or Q351<6. ie. Any of the following drugs in last 12 months: poppers, sedatives, cannabis, synthetic cannabinoids, ecstasy pills, ecstasy powder, amphetamine, crystal methamphetamine, heroin, mephedrone, synthetic stimulants other than mephedrone, GHB/GBL, ketamine, LSD, cocaine, crack.]

Q373. Do you disagree or agree with the following statement: I worry about my recreational drug use.

[Identical to EMIS-2010 Q223]

- 1=Strongly disagree
- 2=Disagree
- 3=Neither / not sure
- 4=Agree
- 5=Strongly agree
- 6=I don't take drugs

Q374. Have you **ever** consulted a health professional for your drug use concerns (apart from tobacco use)? [New question. Note: On-screen the option 'No, never' was presented first.]

- 1=No, never
- 2=Yes, within the last 24 hours
- 3=Yes, within the last 7 days
- 4=Yes, within the last 4 weeks
- 5=Yes, within the last 6 months
- 6=Yes, within the last 12 months
- 7=Yes, within the last 5 years
- 8=Yes, more than 5 years ago

Q375. Have you **ever** attended a self-help group, harm reduction programme or counsellor about your drug use (apart from tobacco use)? [New question. Note: On-screen the option 'No, never' was presented first.]

- 1=No, never
- 2=Yes, within the last 24 hours
- 3=Yes, within the last 7 days
- 4=Yes, within the last 4 weeks
- 5=Yes, within the last 6 months
- 6=Yes, within the last 12 months
- 7=Yes, within the last 5 years
- 8=Yes, more than 5 years ago

CONCERN ABOUT ALCOHOL

[If Q332<6, ie. alcohol in last 12 months]

Q376–Q379. Thinking about drinking alcohol in the past 12 months...

Q376. Have you tried to cut down on your drinking? [New question]

[No-Yes]

Q377. Have people annoyed you by criticising your drinking? [New question]

[No-Yes]

Q378. Have you felt bad or guilty about your drinking? [New question]

[No-Yes]

Q379. Have you taken a drink first thing in the morning to steady your nerves or get rid of a hangover?

[New question]

[No-Yes]

Q379_CAGE4. RECODED VARIABLE. CAGE-4 Indicator of alcohol dependency. [The four items above form the CAGE 4-item measure by Shields and Caruso (2004). Two or more 'Yes' responses indicate possible alcohol dependency. This recoded variable combines the 4 responses to give a binary indicator of alcohol dependency. Those who drank no alcohol in the last 12 months are coded as 'Not alcohol dependent'. CAGE4 is an acronym that refers to the initials of the four topics of the questions asked in English: *Cut down, Annoyed, Guilt and Eye-opener*). This questionnaire is widely used in both clinical and non-clinical settings. The CAGE4 is highly reliable in identifying lifetime alcohol abuse and dependence (drinking disorders) in different populations.]

0=Missing CAGE-4 measure

1=Not alcohol dependent

2=Alcohol dependent

Q380. Have you **ever** consulted a health professional for your alcohol use concerns? [New question]

- 1=No, never
- 2=Yes, within the last 24 hours
- 3=Yes, within the last 7 days
- 4=Yes, within the last 4 weeks
- 5=Yes, within the last 6 months
- 6=Yes, within the last 12 months
- 7=Yes, within the last 5 years
- 8=Yes, more than 5 years ago

[Q381. Note: In EMIS-2017, the answer to Q381 was randomly generated to determine whether the respondent was served a social support scale or an internalised homonegativity scale:

1=How do you feel about your social support

2=How comfortable are you with homosexuality]

[The variable does not exist in LAMIS – everybody was served both scales.]

[If Q381=1]

HOW YOU FEEL ABOUT YOUR SOCIAL SUPPORT

Q382–Q389. Do you disagree or agree with the following 8 statements? (Tick one answer in each row)
[New question; items were randomly rotated in on-screen presentation.]

Q382. There are people I can count on in an emergency
[4 point Disagree-Agree response set]

Q383. There is no one who shares my interests and concerns
[4 point Disagree-Agree response set]

Q384. There are people who enjoy the same social activities as I do
[4 point Disagree-Agree response set]

Q385. There is no one I can depend on for aid if I really need it
[4 point Disagree-Agree response set]

Q386. There is no one who likes to do the things I do
[4 point Disagree-Agree response set]

Q387. There are people I can depend on to help me if I really need it
[4 point Disagree-Agree response set]

Q388. I feel part of a group of people who share my attitudes and beliefs
[4 point Disagree-Agree response set]

Q389. If something went wrong no one would help me
[4 point Disagree-Agree response set]

[Note: Q382 to Q389 form two 4-item subscales of the **Social Provisions Scale** (Cutrona & Russel, 1987), used here as indicators of social support. The SPS assesses the degree to which a person perceives their social relationships based on various dimensions of social support, including opportunities for the person to provide support. Only two SPS subscales (Reliable partnership and Social Integration) were included so as not to overload the questionnaire. Two new variables have been computed from these 8 items.]

Q389_alliance. RECODED VARIABLE. This variable sums Q382, Q385 (reversed), Q387 and Q389 (reversed) into a Reliable Alliance subscale ranging from 4 to 16. A higher score indicates greater alliance.

Q389_integration. RECODED VARIABLE. This variable sums Q383 (reversed), Q384, Q386 (reversed) and Q388 into a Social Integration subscale ranging from 4 to 16. A higher score indicates greater alliance.

Q389_lacksocsup. RECODED VARIABLE. This variable summarises lack of social support (defined as scoring <10 in Reliable Alliance OR Social Integration sub-scale).

[If Q381=2]

HOW COMFORTABLE ARE YOU WITH HOMOSEXUALITY

Do you disagree or agree with the following statements on a scale of 1 Strongly disagree to 7 Strongly agree? Please do not spend too much time thinking about any one statement. (Tick one answer in each row) [Identical to EMIS-2010 Q268–Q274. Items were randomly rotated in on-screen presentation.]

Q390. I feel comfortable in gay bars.

[7 point disagree-agree with does-not-apply]

Q391. Social situations with gay men make me feel uncomfortable.

[7 point disagree-agree with does-not-apply]

Q392. I feel comfortable being seen in public with an obviously gay person.

[7 point disagree-agree with does-not-apply]

Q393. I feel comfortable discussing homosexuality in a public situation.

[7 point disagree-agree with does-not-apply]

Q394. I feel comfortable being a homosexual man.

[7 point disagree-agree with does-not-apply]

Q395. Homosexuality is morally acceptable to me.

[7 point disagree-agree with does-not-apply]

Q396. Even if I could change my sexual orientation, I wouldn't.

[7 point disagree-agree with does-not-apply]

Q396_SIHS. RECODED VARIABLE: Internalised Homonegativity Scale. Taken together the seven items Q390–Q396 form a single scale measuring 'internalised homonegativity'. The score has been computed by: rescaling the items from 1-7 to 0-6; reversing the scores for items Q390, Q392, Q393, Q394, Q395 and Q396; and taking the mean score for the 7 items. The scale therefore ranges from 0 to 6. Scores can only be computed if all 7 items were rated. Cases responding 'Does not apply to me' or with missing data for any of the 7 items do not have an internalised homonegativity score. For this variable only, missing answers are indicated by -1.

The **SIHS should be treated strictly as a continuous variable**. Therefore, it is not appropriate to report results for individual items (except when describing the psychometric properties of the scale) or to create categories, such as low, medium, or high. In the analysis, the mean HI score can be presented (although a more conservative criterion may be to report medians when the HI score has non-normal distribution). Also, since the scale range is 0 to 6, differences between groups of individuals or countries are more visible at the decimal level and not by whole number comparisons. In other words, decimals are important when examining differences in HI scores.

ABOUT HOMOPHOBIC INTIMIDATION AND ASSAULT

Please say when something last happened, even if this was not typical for you.

Q397. When was the last time you were **stared at or intimidated** because someone knew or presumed you are attracted to men? [Identical to EMIS-2010 Q264]

[recency scale with never]

Q398. When was the last time you had **verbal insults** directed at you, because someone knew or presumed you are attracted to men? [Identical to EMIS-2010 Q265]

[recency scale with never]

Q399. When was the last time you were **punched, hit, kicked, or beaten** because someone knew or presumed you are attracted to men? [Identical to EMIS-2010 Q266]

[recency scale with never]

A FINAL FEW THINGS ABOUT YOU

Q400. How many years have you spent in full-time education since the age of 16? [Comparable to EMIS-2010 Q275. In the combined EMIS-2010–17 dataset, Q400 is split into Q400_2010 and Q400_2017]

- 1=None
- 2=1
- 3=2
- [...]
- 10=9
- 11=10
- 12=More than 10

Q400LAMIS. What is the highest educational level you have reached?

- 1=No education or incomplete basic (primary) education*
- 2=Basic education or primary education*
- 3=Secondary education*
- 4=High school studies, tertiary/technological studies
or technical-vocational training (e.g. short careers in institutes)*
- 5=University studies (bachelor's degree)*
- 6=Postgraduate, specialization, master, doctorate*

Q400_ISCED97. DERIVED VARIABLE. If you wish to translate post-aged-16 education into the 1997 levels of the International Standard Classification of Education (ISCED-1997) which we used in EMIS-2010, you can consult a manual published by the Organisation for Economic Co-development and Development. It strongly differs by country. However very broadly speaking, 2-5 years of education beyond 16 years correspond to an ISCED-97 level three (upper secondary education); 6 years or more correspond to an ISCED-97 level five (first stage of tertiary education), and more than 10 years correspond to an ISCED-97 level 6 (second stage of tertiary education). Organisation for Economic Co-operation and Development: Classifying Educational Programmes. [Manual for ISCED-97 Implementation in OECD Countries](#). Paris, 1999.

Q400LAMIS was also recoded into this variable:

- Low: 1 Sin estudios o educación básica (primaria) incompleta,*
- 2 Educación básica o estudios primarios*
- Mid: 3 Estudios secundarios,*
- 4 Estudios de bachillerato, estudios terciarios or tecnológicos o formación técnica-profesional*
- High: 5 Estudios universitarios (licenciatura),*
- 6 Postgrado, especialización, máster, doctorado*

Q401. Which of the following best describes your current occupation? [Identical to EMIS-2010 Q276]

- 1=Employed full-time
- 2=Employed part-time
- 3=Self-employed
- 4=Unemployed
- 5=Student
- 6=Retired
- 7=Long-term sick leave / medically retired
- 8=Other

Q402. Which of these phrases would you say comes closest to your feelings about your income these days? [New question]

- 1=Living really comfortably on present income
- 2=Living comfortably on present income
- 3=Neither comfortable nor struggling on present income
- 4=Struggling on present income
- 5=Really struggling on present income

Q403. Do you consider yourself a member of an ethnic or racial minority in <Q008>? [New question]
LAMIS: Do you consider yourself belonging to an indigenous, afro-descendant or native people in <Q008>?
[No-Yes]

Note: National parnters who looked at the following to write-in fields have suggested to recode Q403 based on the actual given answers. When acknowledging that gay men / LGBTI are not an ethnic or racial minority and when ignoring mentioning the dominant autochtonic ethnic group as an ethnic or racial minority, the proportion of respondents considered an ethnic or racisal minority is drastically reduced.

[If Q403=1]

Q404. What **majority** are you a member of? [New question]
[Note: question does not exist in LAMIS]
[write in answer]

[If Q403=2]

Q405. What **minority** are you a member of? [New question]
LAMIS: To what ethnic group, descent or people do you consider yourself to belong?
[write in answer]

THE FOLLOWING THREE QUESTIONS WERE ASKED TO INFORM '**ECHOES**', ANOTHER PART OF THE ESTICOM PROJECT. *THEY WERE NOT PART OF LAMIS.*

Q406. Do you work as a community health worker to gay/bisexual and other MSM (that is, provide sexual health services outside of a clinical setting)? [New question]

- 1=Yes, as a paid worker
- 2=Yes, as a volunteer
- 3=No

[If Q406=1 or 2]

Q407. Which of the following best describes the type of organisation you work for/with when working as a community health worker? [New question]

- 1=Private not-for-profit (non-governmental organisation, charity, civil society, grassroots organisation)
- 2=Private for-profit/commercial organisation
- 3=Government/local authority/public organisation
- 4=None – I do not work for an organisation

[If Q406=1 or 2]

Q408. What is the main purpose of the organisation you work for/with when working as a community health worker? [New question]

- 1=Sexual health
- 2=General health (e.g. hospital, clinic, community health, GP)
- 3=Religion
- 4=Education (school, college or university)
- 5=Housing/homelessness
- 6=Advocacy
- 7=Transport
- 8=Prison/probation
- 9=Other answer

AND FINALLY... (*EMIS-2017 ONLY*)

Q409. Who is the sexiest man on the planet? [Identical to EMIS-2010 Q278]

[Write in answer]

Thanks for taking part. Now Please press 'submit answers'.

9. Dublin Declaration and Global AIDS Monitoring

European countries report (as do other countries) a variety of progress indicators on their HIV response to UNAIDS, mostly via ECDC. The following DERIVED VARIABLES will facilitate reporting of comparable indicators on MSM.

The variable names start DDM ([Dublin Declaration Monitoring](#)) or GAM ([Global AIDS Monitoring](#)) and are numbered according to the online forms used to submit data to ECDC (for example variable "ddm2_50" is DDM 2.50) or UNAIDS. All DDM indicators also have a GAM number which is not reported here.

They are all binary indicators; respondents not eligible for these indicators are marked as missing (-1).

EMIS was not primarily designed to measure these indicators – the following are best approximations. In particular, the GAM indicator 3.12 (active syphilis) cannot be constructed from self-reported survey data. Given that syphilis testing among MSM is common with widespread availability of rapid tests, recently diagnosed syphilis gets as close to this indicator as possible with EMIS data.

ddm2_50. Dublin Declaration Monitoring indicator 2.50, MSM sexualised drug use: prevalence [Derived from Q337, Q368]

1=Not

2=Using stimulant drugs for sex in the last 4 weeks

[Note: LAMIS: Using drugs for sex in the last 4 weeks – question should not be compared across the two surveys]

chems4. Alternatively, for analyses of trends 2010–17, as the recency of using the 4-chems (GHB/GBL, Mephedrone, Ketamin, or Crystal Methamphetamin) is very similar to ddm2_50, using the 4-chems in the past four weeks can serve as a proxy. *This is also a valid alternative for comparing EMIS and LAMIS data.*

ddm3_1a. Dublin Declaration Monitoring indicator 3.1a, MSM Condom promotion and distribution coverage [Derived from Q317, Q318, Q319, Q320]

1=Not

2=Got FREE condoms from NGOs, clinics, bars, or saunas

ddm3_3a. Dublin Declaration Monitoring indicator 3.3a, STI testing and treatment services coverage [Derived from Q057, Q060, Q061, Q089, Q154, Q155, Q156, Q158, Q160]

-1=Long-standing HIV infection (i.e. diagnosed more than 12 months ago)

1=Not

2=Full STI screen last 12 m: HIV, blood test, anal swab + urethral swab (or vaginal, or urine)

ddm3_5a. Dublin Declaration Monitoring indicator 3.5a, MSM Health promotion or behaviour change programme coverage [Derived from Q048]

1=Not

2=Saw or heard any information about HIV or STIs specifically for MSM in the last 12 m

ddm3_10a. Dublin Declaration Monitoring indicator 3.10a, MSM coverage of HAV vaccination programmes [Derived from Q141]

-1=History of hepatitis A

1=Not

2=Report of full course of HAV vaccination

ddm3_10b. Dublin Declaration Monitoring indicator 3.10b, MSM coverage of HBV vaccination programmes [Derived from Q143]

-1=History of hepatitis B

1=Not

2=Report of full course of HBV vaccination

ddm3_27. Dublin Declaration Monitoring indicator 3.27, Condomless sex [Derived from Q182, Q191]
1=Not
2=Report of condomless anal sex with a non-steady partner of unknown HIV status, last 12 m

ddm3_29. Dublin Declaration Monitoring indicator 3.29, MSM PrEP use [Derived from Q057, Q114]
-1=Diagnosed HIV
1=Not
2=Currently taking PrEP daily or on demand

Dublin Declaration Monitoring indicator 3.64–68, MSM access to PrEP [Can be generated as a multiple-answer set consisting of: Q124_125_126_129, Q128 Q123 Q127 Q131 Q130 Q132]
[Note: This is not a variable in the database but the output of a set of multiple-choice answers. To generate this indicator, output a 'multiple response' using the variables in rectangular brackets above. Collapsing any of Q124, Q125, Q126, Q129 into one variable called Q124_125_126_129 will group those services that are part of a health service.]

ddm4_53. Dublin Declaration Monitoring indicator 4.53, MSM HIV testing in last 12m [Derived from Q057, Q060, Q061, Q089]
-1=Long-standing HIV-infection (i.e. diagnosed more than 12 months ago)
1=Not
2=Tested for HIV in the last 12 m

ddm4_13a. Dublin Declaration Monitoring indicator 4.13a MSM testing modalities coverage: community-based HIV-testing [Derived from Q057, Q060, Q061, Q062, Q090]
-1=Long-standing HIV-infection (i.e. diagnosed more than 12 months ago)
1=Not
2=Used community-based HIV-testing, last test

ddm4_13b. Dublin Declaration Monitoring indicator 4.13b MSM testing modalities coverage: self-sampling for HIV-testing [Derived from Q057, Q060, Q061, Q062, Q090]
-1=Long-standing HIV-infection (i.e. diagnosed more than 12 months ago)
1=Not
2=Used self-sampling for HIV-testing, last test (in the combined EMIS-2010–17 dataset, self-testing is included in self-sampling, as the question was only split in 2017)

ddm4_13c. Dublin Declaration Monitoring indicator 4.13c MSM testing modalities coverage: self-HIV-testing [Derived from Q057, Q060, Q061, Q062, Q090]
-1=Long-standing HIV-infection (i.e. diagnosed more than 12 months ago)
1=Not
2=Used self-HIV-testing, last test

Q057: We suggest reporting Q057 for Dublin Declaration Monitoring indicator 4.79 (ie. GAM 4.20: prevalence of HIV).

ddm6_278. Dublin Declaration Monitoring indicator 6.278 MSM HIV care cascade stage 3 (linked to care) [Derived from Q057, Q064]
-1=No HIV diagnosis
1=Not
2=Ever had HIV infection monitored (linked to care)

ddm6_282. Dublin Declaration Monitoring indicator # 6.244 (# 6.243): MSM HIV care cascade stage 4 (retained in care) [Derived from Q057, Q064]
-1=No HIV diagnosis
1=Not
2=Had HIV infection monitored in the last 6 month (retained in care)

ddm6_84. Dublin Declaration Monitoring indicator 6.84 MSM HIV care cascade stage 5 (Taking ART)
[Derived from Q057, Q078]
-1=No HIV diagnosis
1=Not
2=Receiving ART

ddm6_91. Dublin Declaration Monitoring indicator 6.91 MSM HIV care cascade stage 6 (undetectable)
[Derived from Q057, Q064, Q078, Q088]
-1=No HIV diagnosis
1=Not
2=Reporting to be undetectable

gam3_12. Global AIDS Monitoring indicator 3.12 Active syphilis [Derived from Q163]
1=Not
2=Diagnosed with syphilis, last 12m (cave: possible flaw in French translation of 2017)

gam3_14. Global AIDS Monitoring indicator 3.14 Prevalence of hepatitis and coinfection with HIV among key populations (HBV+HCV) [Derived from Q057, Q143, Q145]
1=Not
2=Co-diagnosed with HIV and either HBV or HCV (in the combined EMIS-2010–17 dataset, this indicator is only about HIV/HCV coinfection, as chronic HBV infection was not asked in 2010)

9. Combined EMIS-2010–2017 dataset

Three additional variables were created when combining EMIS-2010 and EMIS-2017 data.

A_year. 0=2010; 7=2017 (INTERVAL SCALE variable, not NOMINAL or ORDINAL)

filter_2010. DERIVED VARIABLE. For comparisons with published 2010 articles using the 2010 multidiscrepant filter. For 2017 data the multidiscrepant filter could not be built in exactly the same way as in 2010.

-1 "Countries not included in 2010 dataset"

0 "Multidiscrepant" (2010: any of 6 discrepancy flags; 2017 any agediscrepant or both steady & nonsteady partner discrecancies)

1 "Data shared (N=174,209)"

2 "EMIS-2017, excluding multidiscrepant".

filter2017. DERIVED VARIABLE. **Filter for trend analyses.** EMIS-2010 included trans women and left the exclusion of adolescents between aged 14-17 to country-level analyses

-2 "Trans-woman"

-1 "Below age of consent in country of residence"

0 "CA, IL, LB, PH"

1 "Eligible in 2017".

TREND ANALYSES ON NATIONAL OR INTERNATIONAL LEVEL SHOULD EITHER FILTER FOR "filter2017=1"; i.e. exclude 2010 transwomen, 2010 below country-specific age of consent, and exclude 2017 countries not included in 2010; OR FILTER for "filter2010>0", ie. when wishing to exclude multidiscrepant data, particularly when comparing to published 2010 analyses; OR BOTH.

10. Country Response Set

Q008 and **Q012** use the following country response set.

Countries in bold are those which had a regional question and response set (Q010 – see Section 11). Countries underlined are those whose residents were invited to continue the survey but for which no regional question was asked. Men living in countries neither bolded nor underlined were served the exit text at Q009. *Countries in italics are LAMIS countries.*

[Note: In EMIS-2010 “Turkish Republic of Northern Cyprus” appeared at code 184. This entry was deleted in the 2017 list. The 2017 codes for countries from Turkmenistan to the end of the list are therefore one digit less than in the single 2010 dataset, not in the combined one.]

1=Afghanistan	48=Dominica
2=Albania	49=Dominican Republic
3=Algeria	50=Ecuador
<u>4=Andorra</u>	51=Egypt
5=Angola	52=El Salvador
6=Antigua and Barbuda	53=Equatorial Guinea
7=Argentina	54=Eritrea
8=Armenia	55=Estonia
9=Australia	56=Ethiopia
10=Austria	57=Fiji
11=Azerbaijan	58=Finland
12=Bahamas	59=France
13=Bahrain	60=France, Overseas Departm., Territories, Collectivities
14=Bangladesh	61=Gabon
15=Barbados	62=Gambia
16=Belarus	63=Georgia
17=Belgium	64=Germany
18=Belize	65=Ghana
19=Benin	66=Greece
20=Bhutan	<u>67=Greenland</u>
21=Bolivia	68=Grenada
22=Bosnia and Herzegovina	69=Guatemala
23=Botswana	70=Guinea
24=Brazil	71=Guinea-Bissau
25=Brunei	72=Guyana
26=Bulgaria	73=Haiti
27=Burkina Faso	74=Honduras
28=Burundi	75=Hungary
29=Cambodia	<u>76=Iceland</u>
30=Cameroon	77=India
31=Canada	78=Indonesia
32=Cape Verde	79=Iran
33=Central African Republic	80=Iraq
34=Chad	81=Ireland (Republic)
35=Chile	82=Israel
36=China	83=Italy
37=Colombia	84=Ivory Coast
38=Comoros	85=Jamaica
39=Congo - Kinshasa	86=Japan
40=Congo - Brazzaville	87=Jordan
41=Costa Rica	88=Kazakhstan
42=Croatia	89=Kenya
43=Cuba	90=Kiribati
44=Cyprus	91=Korea, North
45=Czech Republic	92=Korea, South
46=Denmark	<u>93=Kosovo (UNSCR 1244)</u>
47=Djibouti	94=Kuwait

95=Kyrgyzstan
 96=Laos
97=Latvia
98=Lebanon
 99=Lesotho
 100=Liberia
 101=Libya
102=Liechtenstein
103=Lithuania
104=Luxembourg
105=Macedonia (Former Yugoslav Republic)
 106=Madagascar
 107=Malawi
 108=Malaysia
 109=Maldives
 110=Mali
111=Malta
 112=Marshall Islands
 113=Mauritania
 114=Mauritius
115=Mexico
 116=Micronesia
117=Moldova
118=Monaco
 119=Mongolia
120=Montenegro
 121=Morocco
 122=Mozambique
 123=Myanmar
 124=Namibia
 125=Nauru
 126=Nepal
127=Netherlands
 128=New Zealand
129=Nicaragua
 130=Niger
 131=Nigeria
132=Norway
 133=Oman
 134=Pakistan
 135=Palau
 136=Palestine
137=Panama
 138=Papua New Guinea
139=Paraguay
140=Peru
141=Philippines
142=Poland
143=Portugal
 144=Puerto Rico
 145=Qatar
146=Romania
147=Russia (Russian Federation)
 148=Rwanda
 149=Saint Kitts and Nevis
 150=Saint Lucia
 151=Saint Vincent and the Grenadines
 152=Samoa
153=San Marino
 154=Sao Tome and Principe
 155=Saudi Arabia
 156=Senegal
157=Serbia
 158=Seychelles
 159=Sierra Leone
 160=Singapore
161=Slovakia
162=Slovenia
 163=Solomon Islands
 164=Somalia
 165=South Africa
166=Spain
 167=Sri Lanka
 168=Sudan
169=Suriname
 170=Swaziland
171=Sweden
172=Switzerland
 173=Syria
 174=Taiwan
 175=Tajikistan
 176=Tanzania
 177=Thailand
 178=Timor-Leste
 179=Togo
 180=Tonga
 181=Trinidad and Tobago
 182=Tunisia
183=Turkey
 184=Turkmenistan
 185=Tuvalu
 186=Uganda
187=Ukraine
 188=United Arab Emirates
189=UK, England
190=UK, Northern Ireland
191=UK, Scotland
192=UK, Wales
193=UK, British Overseas Territories, Crown Dependencies
 194=United States of America
195=Uruguay
 196=Uzbekistan
 197=Vanuatu
198=Vatican City
199=Venezuela
 200=Vietnam
 201=Western Sahara
 202=Yemen
 203=Zambia
 204=Zimbabwe

11. Region Response Sets

The regional question and response set (Q010) varied by country of residence. The response sets for Q010 were the only part of the survey not translated in the different language versions. This section therefore gives the region response sets as they appeared in all language versions.

In all Q010 response sets, -1 means the question was not asked (case did not live in that country) and 0 (numeric zero) means the question was not answered.

If Q008=2 [ALBANIA]

Q010a. Which county do you live in?

- | | |
|---------------|------------|
| 1=Berat | 7=Korçë |
| 2=Dibër | 8=Kukës |
| 3=Durrës | 9=Lezhë |
| 4=Elbasan | 10=Shkodër |
| 5=Fier | 11=Tirana |
| 6=Gjirokastrë | 12=Vlorë |

If Q008=10 [AUSTRIA]

Q010b. What are the first two digits of your home post-code?

- | | | | |
|---------|---------|---------|---------|
| 1=10XX | 21=34XX | 41=54XX | 61=80XX |
| 2=11XX | 22=35XX | 42=55XX | 62=81XX |
| 3=12XX | 23=36XX | 43=56XX | 63=82XX |
| 4=13XX | 24=37XX | 44=57XX | 64=83XX |
| 5=14XX | 25=38XX | 45=60XX | 65=84XX |
| 6=15XX | 26=39XX | 46=61XX | 66=85XX |
| 7=20XX | 27=40XX | 47=62XX | 67=86XX |
| 8=21XX | 28=41XX | 48=63XX | 68=87XX |
| 9=22XX | 29=42XX | 49=64XX | 69=88XX |
| 10=23XX | 30=43XX | 50=65XX | 70=89XX |
| 11=24XX | 31=44XX | 51=66XX | 71=90XX |
| 12=25XX | 32=45XX | 52=67XX | 72=91XX |
| 13=26XX | 33=46XX | 53=68XX | 73=92XX |
| 14=27XX | 34=47XX | 54=69XX | 74=93XX |
| 15=28XX | 35=48XX | 55=70XX | 75=94XX |
| 16=29XX | 36=49XX | 56=71XX | 76=95XX |
| 17=30XX | 37=50XX | 57=72XX | 77=96XX |
| 18=31XX | 38=51XX | 58=73XX | 78=97XX |
| 19=32XX | 39=52XX | 59=74XX | 79=98XX |
| 20=33XX | 40=53XX | 60=75XX | 80=99XX |

If Q008=16 [BELARUS]

Q010c. Which province do you live in?

- 1=Brest Voblast / Брэ́сцкая во́бласць
- 2=Gomel/Homiel Voblast / Го́мельская во́бласць
- 3=Grodno/Hrodna Voblast / Гродзенская вобласць
- 4=Mogilev/Mahilyow Voblast / Магілёўская во́бласць
- 5=Minsk Voblast / Мінская во́бласць
- 6=Minsk city / Мінск
- 7=Vitebsk Voblast / Віцебская во́бласць

If Q008=17 [BELGIUM]

Q010d. What are the first two digits of your home post-code?

1=10XX	21=31XX	41=51XX	61=79XX
2=11XX	22=32XX	42=53XX	62=80XX
3=12XX	23=33XX	43=55XX	63=82XX
4=13XX	24=34XX	44=56XX	64=83XX
5=14XX	25=35XX	45=60XX	65=84XX
6=15XX	26=36XX	46=61XX	66=85XX
7=16XX	27=37XX	47=62XX	67=86XX
8=17XX	28=38XX	48=64XX	68=87XX
9=18XX	29=39XX	49=65XX	69=88XX
10=19XX	30=40XX	50=66XX	70=89XX
11=20XX	31=41XX	51=67XX	71=90XX
12=21XX	32=42XX	52=68XX	72=91XX
13=22XX	33=43XX	53=69XX	73=92XX
14=23XX	34=44XX	54=70XX	74=93XX
15=24XX	35=45XX	55=71XX	75=94XX
16=25XX	36=46XX	56=73XX	76=95XX
17=26XX	37=47XX	57=75XX	77=96XX
18=28XX	38=48XX	58=76XX	78=97XX
19=29XX	39=49XX	59=77XX	79=98XX
20=30XX	40=50XX	60=78XX	80=99XX

If Q008=22 [BOSNIA AND HERZEGOVINA]

Q010e. Which part of the country do you live in?

- 1=Federation of Bosna and Herzegovina (F BiH)
- 2=Republic of Srpska (RS)
- 3=Brčko District

If Q008=26 [BULGARIA]

Q010f. Which district do you live in?

1=Благоевград / Blagoevgrad	15=Плевен / Pleven
2=Бургас / Burgas	16=Пловдив / Plovdiv
3=Варна / Varna	17=Разград / Razgrad
4=Велико Търново / Veliko Tarnovo	18=Русе / Ruse
5=Видин / Vidin	19=Силистра / Silistra
6=Враца / Vratsa	20=Сливен / Sliven
7=Габрово / Gabrovo	21=Смолян / Smolyan
8=Добрич / Dobrich	22=София област / Sofia (province)
9=Кърджали / Kardzhali	23=София (столица) / Sofia (city)
10=Кюстендил / Kyustendil	24=Стара Загора / Stara Zagora
11=Ловеч / Lovech	25=Търговище / Targovishte
12=Монтана / Montana	26=Хасково / Haskovo
13=Пазарджик / Pazardzhik	27=Шумен / Shumen
14=Перник / Pernik	28=Ямбол / Yambol

If Q008=31 [CANADA]

Q010g. What are the first three characters of your home post-code?

[write-in answer]

Q010g_GAUL1 [CANADA] RECODED VARIABLE for Canadian provinces and territories. (GAUL = Global Administrative Unit Layers)

1=Alberta	7=Ontario
2=British Columbia	8=Prince Edward Island
3=Manitoba	9=Quebec
4=New Brunswick	10=Saskatchewan
5=Newfoundland/Labrador	11=NW Territories / Nunavut
6=Nova Scotia	12=Yukon

If Q008=42 [CROATIA]

Q010h. Which county do you live in?

- 1=City of Zagreb
- 2=Bjelovar-Bilogora
- 3-Brod-Posavina
- 4=Dubrovnik-Neretva
- 5=Istria
- 6=Karlovac
- 7=Koprivnica-Križevci
- 8=Krapina-Zagorje
- 9=Lika-Senj
- 10=Međimurje
- 11=Osijek-Baranja

- 12=Požega-Slavonia
- 13=Primorje-Gorski Kotar
- 14=Sisak-Moslavina
- 15=Split-Dalmatia
- 16=Šibenik-Knin
- 17=Varaždin
- 18=Virovitica-Podravina
- 19=Vukovar-Srijem
- 20=Zadar
- 21=Zagreb County

If Q008=44 [CYPRUS]

Q010i. Which district do you live in?

- 1=Famagusta / Αμμόχωστος / Gazimağusa
- 2=Kyrenia / Κερύνεια / Girne
- 3=Larnaca / Λάρνακα / Larnaka/İskele
- 4=Limassol / Λεμεσός / Limasol/Leymosun
- 5=Nicosia / Λευκωσία / Lefkoşa
- 6=Paphos / Πάφος / Baf/Gazibaf
- 7=Akrotiri / Ακρωτήριο / Agrotur
- 8=Dhekelia / Δεκέλεια / Dikelya

If Q008=45 [CZECH REPUBLIC]

Q010j. Which region do you live in?

- 1=Hlavní město Praha / Prague
- 2=Středočeský kraj / Central Bohemian Region
- 3=Jihočeský kraj / South Bohemian Region
- 4=Plzeňský kraj / Plzeň Region
- 5=Karlovarský kraj / Karlovy Vary Region
- 6=Ústecký kraj / Ústí nad Labem Region
- 7=Liberecký kraj / Liberec Region
- 8=Královéhradecký kraj / Hradec Králové Region
- 9=Pardubický kraj / Pardubice Region
- 10=Olomoucký kraj / Olomouc Region
- 11=Moravskoslezský kraj / Moravian-Silesian Region
- 12=Jihomoravský kraj / South Moravian Region
- 13=Zlínský kraj / Zlín Region
- 14=Vysočina / Vysočina Region

If Q008=46 [DENMARK]

Q010k. Which municipality do you live in?

- | | | |
|------------------|--------------------|------------------|
| 1=Albertslund | 19=Frederikssund | 37=Holbæk |
| 2=Allerød | 20=Furesø | 38=Holstebro |
| 3=Assens | 21=Færøerne | 39=Horsens |
| 4=Ballerup | 22=Faaborg-Midtfyn | 40=Hvidovre |
| 5=Billund | 23=Gentofte | 41=Høje-Taastrup |
| 6=Bornholm | 24=Gladsaxe | 42=Hørsholm |
| 7=Brøndby | 25=Glostrup | 43=Ikast-Brande |
| 8=Brønderslev | 26=Greve | 44=Ishøj |
| 9=Dragør | 27=Gribskov | 45=Jammerbugt |
| 10=Egedal | 28=Guldborgsund | 46=Kalundborg |
| 11=Esbjerg | 29=Haderslev | 47=Kerteminde |
| 12=Fanø | 30=Halsnæs | 48=Kolding |
| 13=Favrskov | 31=Hedensted | 49=København |
| 14=Faxe | 32=Helsingør | 50=Køge |
| 15=Fredensborg | 33=Herlev | 51=Langeland |
| 16=Fredericia | 34=Herning | 52=Lejre |
| 17=Frederiksberg | 35=Hillerød | 53=Lemvig |
| 18=Frederikshavn | 36=Hjørring | 54=Lolland |

55=Lyngby-Taarbæk
56=Læsø
57=Mariagerfjord
58=Middelfart
59=Morsø
60=Norddjurs
61=Nordfyn
62=Nyborg
63=Næstved
64=Odder
65=Odense
66=Odsherred
67=Randers
68=Rebild
69=Ringkøbing-Skjern

70=Ringsted
71=Roskilde
72=Rudersdal
73=Rødovre
74=Samsø
75=Silkeborg
76=Skanderborg
77=Skive
78=Slagelse
79=Solrød
80=Sorø
81=Stevns
82=Struer
83=Svendborg
84=Syddjurs

85=Sønderborg
86=Thisted
87=Tønder
88=Tårnby
89=Vallensbæk
90=Varde
91=Vejen
92=Vejle
93=Vesthimmerland
94=Viborg
95=Vordingborg
96=Ærø
97=Aabenraa
98=Aalborg
99=Århus

If Q008=55 [ESTONIA]

Q010l. Which county do you live in?

1=Harjumaa
2=Hiiumaa
3=Ida-Virumaa
4=Jõgevamaa
5=Järvamaa

6=Läänemaa
7=Lääne-Virumaa
8=Põlvamaa
9=Pärnumaa
10=Raplamaa

11=Saaremaa
12=Tartumaa
13=Valgamaa
14=Viljandimaa
15>Võrumaa

If Q008=58 [FINLAND]

Q010m. Which region do you live in?

1=Ahvenanmaa / Åland
2=Etelä-Karjala / Södra Karelen
3=Etelä-Savo / Södra Savolax
4=Etelä-Pohjanmaa / Södra Österbotten
5=Itä-Uusimaa / Östra Nyland
6=Kainuu / Kajanaland
7=Kanta-Häme / Egentliga Tavastland
8=Keski-Pohjanmaa / Mellersta Österbotten
9=Keski-Suomi / Mellersta Finland
10=Kymenlaakso / Kymmenedalen

11=Lappi / Lappland
12=Päijät-Häme / Päijänne Tavastland
13=Pirkanmaa / Birkaland
14=Pohjanmaa / Österbotten
15=Pohjois-Karjala / Norra Karelen
16=Pohjois-Pohjanmaa / Norra Österbotten
17=Pohjois-Savo / Norra Savolax
18=Satakunta / Satakunda
19=Uusimaa / Nyland
20=Varsinais-Suomi / Egentliga Finland

If Q008=59 [FRANCE]

Q010n. Which département do you live in?

1=01 Ain
2=02 Aisne
3=03 Allier
4=04 Alpes-de-Haute-Provence
5=05 Hautes-Alpes
6=06 Alpes-Maritimes
7=07 Ardèche
8=08 Ardennes
9=09 Ariège
10=10 Aube
11=11 Aude
12=12 Aveyron
13=13 Bouches-du-Rhône
14=14 Calvados
15=15 Cantal
16=16 Charente
17=17 Charente-Maritime
18=18 Cher
19=19 Corrèze
20=20 Corse
21=21 Côte-d'Or
22=22 Côtes-d'Armor
23=23 Creuse
24=24 Dordogne
25=25 Doubs
26=26 Drôme

27=27 Eure
28=28 Eure-et-Loir
29=29 Finistère
30=30 Gard
31=31 Haute-Garonne
32=32 Gers
33=33 Gironde
34=34 Hérault
35=35 Ille-et-Vilaine
36=36 Indre
37=37 Indre-et-Loire
38=38 Isère
39=39 Jura
40=40 Landes
41=41 Loir-et-Cher
42=42 Loire
43=43 Haute-Loire
44=44 Loire-Atlantique
45=45 Loiret
46=46 Lot
47=47 Lot-et-Garonne
48=48 Lozère
49=49 Maine-et-Loire
50=50 Manche
51=51 Marne
52=52 Haute-Marne

53=53 Mayenne
54=54 Meurthe-et-Moselle
55=55 Meuse
56=56 Morbihan
57=57 Moselle
58=58 Nièvre
59=59 Nord
60=60 Oise
61=61 Orne
62=62 Pas-de-Calais
63=63 Puy-de-Dôme
64=64 Pyrénées-Atlantiques
65=65 Hautes-Pyrénées
66=66 Pyrénées-Orientales
67=67 Bas-Rhin
68=68 Haut-Rhin
69=69 Rhône
70=70 Haute-Saône
71=71 Saône-et-Loire
72=72 Sarthe
73=73 Savoie
74=74 Haute-Savoie
75=75 Paris
76=76 Seine-Maritime
77=77 Seine-et-Marne
78=78 Yvelines

79=79 Deux-Sèvres
80=80 Somme
81=81 Tarn
82=82 Tarn-et-Garonne
83=83 Var
84=84 Vaucluse
85=85 Vendée

86=86 Vienne
87=87 Haute-Vienne
88=88 Vosges
89=89 Yonne
90=90 Territoire de Belfort
91=91 Essonne
92=92 Hauts-de-Seine

93=93 Seine-Saint-Denis
94=94 Val-de-Marne
95=95 Val-d'Oise
96=971 Guadeloupe
97=972 Martinique
98=973 Guyane
99=974 La Réunion

If Q008=60 [FRANCE, OVERSEAS DEPARTMENTS, TERRITORIES AND COLLECTIVITIES]

Q010o. Which département, territory or collectivity do you live in?

1=Guadeloupe
2=Guyane
3=Martinique
4=Mayotte
5=Nouvelle-Calédonie
6=Polynésie française
7=Réunion
8=Saint-Barthélemy
9=Saint-Martin
10=Saint-Pierre-et-Miquelon
11=Wallis-et-Futuna

If Q008=64 [GERMANY. Note: Unlike in EMIS-2010, the German response set for the postal code areas in 2017 included a description of the cities/area]

Q010p_PCA. What are the first two digits of your home post-code? RECODED VARIABLE using the postal code areas of Germany (PCAs) as numbers.

Q010p_NUTS1. RECODED VARIABLE into German Federal States (NUTS = Nomenclature of Territorial Units for Statistics)

1=Baden-Württemberg	9=Niedersachsen
2=Bayern	10=Nordrhein-Westfalen
3=Berlin	11=Rheinland-Pfalz
4=Brandenburg	12=Saarland
5=Bremen	13=Sachsen
6=Hamburg	14=Sachsen-Anhalt
7=Hessen	15=Schleswig-Holstein
8=Mecklenburg-Vorpommern	16=Thüringen

If Q008=66 [GREECE]

Q010q. Which region do you live in?

1=Θράκη / Thrace	6=Αττική / Attica
2=Μακεδονία / Macedonia	7=Πελοπόννησος / Peloponnese
3=Θεσσαλία / Thessaly	8=Νησιά Αιγαίου Πελάγους / Aegean Islands
4=Ήπειρος / Epirus	9=Νησιά Ιονίου Πελάγους / Ionian Islands
5=Στερεά Ελλάδα / Central Greece	10=Κρήτη / Crete

If Q008=75 [HUNGARY]

Q010r. Which county do you live in?

1=Bács-Kiskun	11=Komárom-Esztergom
2=Baranya	12=Nógrád
3=Békés	13=Pest (megye)
4=Borsod-Abaúj-Zemplén	14=Budapest (város)
5=Csongrád	15=Somogy
6=Fejér	16=Szabolcs-Szatmár-Bereg
7=Győr-Moson-Sopron	17=Tolna
8=Hajdú-Bihar	18=Vas
9=Heves	19=Veszprém
10=Jász-Nagykun-Szolnok	20=Zala

If Q008=81 [IRELAND (REPUBLIC)]

Q010s. Which county do you live in?

1=Carlow	10=Kildare	19=Monaghan
2=Cavan	11=Kilkenny	20=Offaly
3=Clare	12=Laois	21=Roscommon
4=Cork	13=Leitrim	22=Sligo
5=Donegal	14=Limerick	23=Tipperary
6=Dublin City	15=Longford	24=Waterford
7=Dublin County	16=Louth	25=Westmeath
8=Galway	17=Mayo	26=Wexford
9=Kerry	18=Meath	27=Wicklow

If Q008=82 [ISRAEL]

Q010t. Which region do you live in?

1=Tel Aviv & Central Israel
2=Haifa & Northern Israel
3=Jerusalem & West bank
4=Beer Sheva & Southern Israel

If Q008=83 [ITALY]

Q010u. Which province do you live in?

1=Agrigento	38=Frosinone	75=Pisa
2=Alessandria	39=Genova	76=Pistoia
3=Ancona	40=Gorizia	77=Pordenone
4=Aosta	41=Grosseto	78=Potenza
5=Arezzo	42=Imperia	79=Prato
6=Ascoli Piceno	43=Isernia	80=Ragusa
7=Asti	44=La Spezia	81=Ravenna
8=Avellino	45=L'Aquila	82=Reggio Calabria
9=Bari	46=Latina	83=Reggio Emilia
10=Barletta-Andria-Trani	47=Lecce	84=Rieti
11=Belluno	48=Lecco	85=Rimini
12=Benevento	49=Livorno	86=Roma
13=Bergamo	50=Lodi	87=Rovigo
14=Biella	51=Lucca	88=Salerno
15=Bologna	52=Macerata	89=Sassari
16=Bolzano	53=Mantova	90=Savona
17=Brescia	54=Massa-Carrara	91=Siena
18=Brindisi	55=Matera	92=Siracusa
19=Cagliari	56=Medio Campidano	93=Sondrio
20=Caltanissetta	57=Messina	94=Taranto
21=Campobasso	58=Milano	95=Teramo
22=Carbonia-Iglesias	59=Modena	96=Terni
23=Caserta	60=Monza e della Brianza	97=Torino
24=Catania	61=Napoli	98=Trapani
25=Catanzaro	62=Novara	99=Trento
26=Chieti	63=Nuoro	100=Treviso
27=Como	64=Ogliastra	101=Trieste
28=Cosenza	65=Olbia-Tempio	102=Udine
29=Cremona	66=Oristano	103=Varese
30=Crotone	67=Padova	104=Venezia
31=Cuneo	68=Palermo	105=Verbano-Cusio-Ossola
32=Enna	69=Parma	106=Vercelli
33=Fermo	70=Pavia	107=Verona
34=Ferrara	71=Perugia	108=Vibo Valentia
35=Firenze	72=Pesaro e Urbino	109=Vicenza
36=Foggia	73=Pescara	110=Viterbo
37=Forli-Cesena	74=Piacenza	

If Q008=97 [LATVIA]

Q010v. Which region do you live in?

- 1=Riga
- 2=Kurzeme
- 3=Zemgale
- 4=Latgale
- 5=Vidzeme

If Q008=98 [LEBANON]

Q010w. Which governorate do you live in?

- 1=Akkar / عكار
- 2=Baalbek-Hermel / بعلبك - الهرمل
- 3=Beirut / بيروت
- 4=Beqaa / البقاع
- 5=Mount Lebanon / جبل لبنان
- 6=Nabatieh / النبطية
- 7=North / الشمال
- 8=South / الجنوب

If Q008=103 [LITHUANIA]

Q010x. Which county do you live in?

- 1=Alytus
- 2=Kaunas
- 3=Klaipėda
- 4=Marjampolė
- 5=Panevėžys
- 6=Šiauliai
- 7=Tauragė
- 8=Telšiai
- 9=Utena
- 10=Vilnius

If Q008=104 [LUXEMBOURG]

Q010y. Which district do you live in?

- 1=Diekirch
- 2=Grevenmacher
- 3=Luxembourg

If Q008=105 [NORTH MACEDONIA]

Q010z. Which region do you live in?

- 1=Источен регион (Eastern)
- 2=Североисточен регион (Northeastern)
- 3=Пелагониски регион (Pelagonia)
- 4=Полошки регион (Polog)
- 5=Скопски регион (Skopje)
- 6=Југоисточен регион (Southeastern)
- 7=Југозападен регион (Southwestern)
- 8=Вардарски регион (Vardar)

If Q008=111 [MALTA. Note: the EMIS-2010 response set used 3 regions]

Q010aa. Which region do you live in?

- 1=Southern harbour
- 1.5=Valetta (2010)**
- 2=Northern harbour
- 3=South Eastern
- 4=Western
- 5=Northern
- 5.5=Malta (2010)**
- 6=Gozo (2010 and 2017)

If Q008=117 [MOLDOVA]

Q010bb. Which district, municipality or region do you live in?

1=Anenii Noi	14=Donduşeni	27=Orhei
2=Bălţi	15=Drochia	28=Rezina
3=Basarabasca	16=Dubăsari	29=Rîşcani
4=Bender/Tighina	17=Edineţ	30=Sîngerei
5=Briceni	18=Făleşti	31=Soroca
6=Cahul	19=Floreşti	32=Străşeni
7=Cantemir	20=Gagauzia	33=Şoldăneşti
8=Călăraşi	21=Glodeni	34=Ştefan Vodă
9=Căuşeni	22=Hînceşti	35=Taraclia
10=Chişinău	23=Ialoveni	36=Teleneşti
11=Cimişlia	24=Leova	37=Tiraspol
12=Comrat	25=Nisporeni	38=Transnistria
13=Criuleni	26=Ocniţa	39=Ungheni

If Q008= [MONTENEGRO]

Q010cc. Which region do you live in?

- 1=Централни регион/Centralni region
- 2=Приморски регион/Primorski region
- 3=Сјеверни регион/Sjeverni region

If Q008=127 [NETHERLANDS. Note: The EMIS-2010 response set combined the final three areas below (St Maarten; Curaçao; BES Islands (Bonaire, Sint Eustatius, Saba)) in a single area called 'Netherlands Antilles']

Q010dd. What are the first two digits of your home post-code?

1=10XX	25=34XX	49=58XX	73=82XX
2=11XX	26=35XX	50=59XX	74=83XX
3=12XX	27=36XX	51=60XX	75=84XX
4=13XX	28=37XX	52=61XX	76=85XX
5=14XX	29=38XX	53=62XX	77=86XX
6=15XX	30=39XX	54=63XX	78=87XX
7=16XX	31=40XX	55=64XX	79=88XX
8=17XX	32=41XX	56=65XX	80=89XX
9=18XX	33=42XX	57=66XX	81=90XX
10=19XX	34=43XX	58=67XX	82=91XX
11=20XX	35=44XX	59=68XX	83=92XX
12=21XX	36=45XX	60=69XX	84=93XX
13=22XX	37=46XX	61=70XX	85=94XX
14=23XX	38=47XX	62=71XX	86=95XX
15=24XX	39=48XX	63=72XX	87=96XX
16=25XX	40=49XX	64=73XX	88=97XX
17=26XX	41=50XX	65=74XX	89=98XX
18=27XX	42=51XX	66=75XX	90=99XX
19=28XX	43=52XX	67=76XX	91=Aruba
20=29XX	44=53XX	68=77XX	92=St Maarten
21=30XX	45=54XX	69=78XX	93=Curaçao
22=31XX	46=55XX	70=79XX	94=BES Islands
23=32XX	47=56XX	71=80XX	(Bonaire, Sint
24=33XX	48=57XX	72=81XX	Eustatius, Saba)

If Q008=132 [NORWAY]

Q010ee. Which county do you live in?

1=Akershus	11=Oslo
2=Aust-Agder	12=Rogaland
3=Buskerud	13=Sogn og Fjordane
4=Finnmark	14=Sør-Trøndelag
5=Hedmark	15=Svalbard
6=Hordaland	16=Telemark
7=Møre og Romsdal	17=Troms
8=Nord-Trøndelag	18=Vest-Agder
9=Nordland	19=Vestfold
10=Oppland	20=Østfold

If Q008=141 [PHILIPPINES]

Q010ff. Which region do you live in?

- 1=National Capital Region (NCR)
- 2=Ilocos Region
- 3=Cordillera Administrative Region (CAR)
- 4=Cagayan Valley
- 5=Central Luzon
- 6=Southern Tagalog (CALABARZON)
- 7=Southwestern Tagalog (MIMAROPA)
- 8=Bicol Region
- 9=Western Visayas

- 10=Central Visayas
- 11=Eastern Visayas
- 12=Zamboanga Peninsula
- 13=Northern Mindanao
- 14=Davao Region
- 15=SOCCSKSARGEN
- 16=Caraga Region
- 17=Autonomous Region in Muslim Mindanao (ARMM)

If Q008=142 [POLAND]

Q010gg. Which province do you live in?

- 1=Dolnośląskie
- 2=Kujawsko-Pomorskie
- 3=Lubelskie
- 4=Lubuskie
- 5=Łódzkie
- 6=Małopolskie
- 7=Mazowieckie
- 8=Opolskie

- 9=Podkarpackie
- 10=Podlaskie
- 11=Pomorskie
- 12=Śląskie
- 13=Świętokrzyskie
- 14=Warmińsko-mazurskie
- 15=Wielkopolskie
- 16>Zachodniopomorskie

If Q008=143 [PORTUGAL]

Q010hh. Which region or district do you live in?

- 1=Aveiro
- 2=Açores RA
- 3=Beja
- 4=Braga
- 5=Bragança
- 6=Castelo Branco
- 7=Coimbra
- 8=Évora
- 9=Faro
- 10=Guarda

- 11=Leiria
- 12=Lisboa
- 13=Madeira RA
- 14=Portalegre
- 15=Porto
- 16=Santarém
- 17=Setúbal
- 18=Viana do Castelo
- 19=Vila Real
- 20=Viseu

If Q008=146 [ROMANIA]

Q010ii. Which county do you live in?

- 1=Alba
- 2=Arad
- 3=Argeş
- 4=Bacău
- 5=Bihor
- 6=Bistriţa-Năsăud
- 7=Botoşani
- 8=Braşov
- 9=Brăila
- 10=Bucharest
- 11=Buzău
- 12=Caraş-Severin
- 13=Călăraşi
- 14=Cluj
- 15=Constanţa
- 16=Covasna
- 17=Dâmboviţa
- 18=Dolj
- 19=Galaţi
- 20=Giurgiu
- 21=Gorj
- 22=Harghita
- 23=Hunedoara
- 24=Ialomiţa
- 25=Iaşi
- 26=Ilfov
- 27=Maramureş
- 28=Mehedinţi
- 29=Mureş
- 30=Târgu Mureş

- 31=Neamţ
- 32=Olt
- 33=Prahova
- 34=Satu Mare
- 35=Sălaj
- 36=Sibiu
- 37=Suceava
- 38=Teleorman
- 39=Timiş
- 40=Tulcea
- 41=Vaslui
- 42=Vâlcea
- 43=Vrancea

If Q008=147 [RUSSIA (RUSSIAN FEDERATION). Note: the EMIS-2017 response set added two areas not in the EMIS-2010 response set, at codes 53 (Республика Крым) and 68 (Севастóполь). Therefore data in 2010 survey needs modifying before merging with 2017 data: codes 1 to 52 remain the same; codes 53 to 66 need 1 adding; codes 67 to 83 need 2 adding]

Q010j. Which area do you live in?

- | | |
|---|---|
| 1=Алтайский край | 43=Псковская область |
| 2=Амурская область | 44=Республика Адыгея (Адыгея) |
| 3=Архангельская область | 45=Республика Алтай |
| 4=Астраханская область | 46=Республика Башкортостан |
| 5=Белгородская область | 47=Республика Бурятия |
| 6=Брянская область | 48=Республика Дагестан |
| 7=Владимирская область | 49=Республика Ингушетия |
| 8=Волгоградская область | 50=Республика Калмыкия |
| 9=Вологодская область | 51=Республика Карелия |
| 10=Воронежская область | 52=Республика Коми |
| 11=Еврейская автономная область | 53= Республика Крым |
| 12=Забайкальский край | 54=Республика Марий Эл |
| 13=Ивановская область | 55=Республика Мордовия |
| 14=Иркутская область | 56=Республика Саха (Якутия) |
| 15=Кабардино-Балкарская Республика | 57=Республика Северная Осетия - Алания |
| 16=Калининградская область | 58=Республика Татарстан (Татарстан) |
| 17=Калужская область | 59=Республика Тыва |
| 18=Камчатский край | 60=Республика Хакасия |
| 19=Карачаево-Черкесская Республика (Республика Карачаево-Черкессия) | 61=Ростовская область |
| 20=Кемеровская область | 62=Рязанская область |
| 21=Кировская область | 63=Самарская область |
| 22=Костромская область | 64=Санкт-Петербург |
| 23=Краснодарский край | 65=Саратовская область |
| 24=Красноярский край | 66=Сахалинская область |
| 25=Курганская область | 67=Свердловская область |
| 26=Курская область | 68= Севастóполь |
| 27=Ленинградская область | 69=Смоленская область |
| 28=Липецкая область | 70=Ставропольский край |
| 29=Магаданская область | 71=Тамбовская область |
| 30=Москва | 72=Тверская область |
| 31=Московская область | 73=Томская область |
| 32=Мурманская область | 74=Тульская область |
| 33=Ненецкий автономный округ | 75=Тюменская область |
| 34=Нижегородская область | 76=Удмуртская Республика |
| 35=Новгородская область | 77=Ульяновская область |
| 36=Новосибирская область | 78=Хабаровский край |
| 37=Омская область | 79=Ханты-Мансийский автономный округ - Югра |
| 38=Оренбургская область | 80=Челябинская область |
| 39=Орловская область | 81=Чеченская Республика |
| 40=Пензенская область | 82=Чувашская Республика - Чувашия |
| 41=Пермский край | 83=Чукотский автономный округ |
| 42=Приморский край | 84=Ямало-Ненецкий автономный округ |
| | 85=Ярославская область |

If Q008=157 [SERBIA. Note: the EMIS-2010 response set used 4 areas]

Q010kk. Which area do you live in?

- 1=Region Vojvodina / Регион Војводина
- 2=Region Kosovo i Metohija / Регион Косово и Метохија [recoded "Kosovo" (country)]
- 3=Region Beograd / Регион Београд
- 4=Region Šumadije i Zapadne Srbije / Регион Шумадије и Западне Србије
- 5=Region Južne i Istočne Srbije / Регион Јужне и Источне Србије
- 6= Централна Србија or Centralna Srbija (2010)

If Q008=161 [SLOVAKIA]

Q010ll. Which county do you live in?

- 1=Bratislavský kraj
- 2=Trnavský kraj
- 3=Trenčiansky kraj
- 4=Nitriansky kraj
- 5=Žilinský kraj
- 6=Banskobystrický kraj
- 7=Prešovský kraj
- 8=Košícký kraj

If Q008=162 [SLOVENIA]

Q010mm. Which region do you live in?

- 1=Gorenjska
- 2=Goriška
- 3=Jugovzhodna Slovenija
- 4=Koroška
- 5=Notranjsko-kraška
- 6=Obalno-kraška
- 7=Osrednjeslovenska
- 8=Podravska
- 9=Pomurska
- 10=Savinjska
- 11=Spodnjeposavska
- 12=Zasavska

If Q008=166 [SPAIN]

Q010nn. Which region do you live in?

- 1=Andalucía
- 2=Aragón
- 3=Baleares
- 4=Canarias
- 5=Cantabria
- 6=Castilla-La Mancha
- 7=Castilla y León
- 8=Cataluña
- 9=Ceuta
- 10=Comunidad de Madrid
- 11=Comunidad Valenciana
- 12=Extremadura
- 13=Galicia
- 14=La Rioja
- 15=Melilla
- 16=Navarra
- 17=País Vasco
- 18=Principado de Asturias
- 19=Región de Murcia

If Q008=171 [SWEDEN]

Q010oo. Which county do you live in?

- 1=Blekinge
- 2=Dalarnas
- 3=Gotlands
- 4=Gävleborgs
- 5=Hallands
- 6=Jämtlands
- 7=Jönköpings
- 8=Kalmar
- 9=Kronobergs
- 10=Norrbottnens
- 11=Skåne
- 12=Stockholms
- 13=Södermanlands
- 14=Uppsala
- 15=Värmlands
- 16=Västerbottens
- 17=Västernorrlands
- 18=Västmanlands
- 19=Västra Götalands
- 20=Örebro
- 21=Östergötlands

If Q008=172 [SWITZERLAND]

Q010pp_PCA. RECODED VARIABLE using the actual postal code areas (PCAs) of Switzerland as numbers

Q010pp_NUTS2. RECODED VARIABLE into Swiss NUTS2 regions (NUTS = Nomenclature of Territorial Units for Statistics)

- 1=Région lémanique: GE, VD, VS
- 2=Espace Mittelland: BE, FR, JU, NE, SO
- 3=Suisse du Nord-Ouest: AG, BS, BL
- 4=Zürich: ZH
- 5=Suisse orientale: SG, AR, AI, GL, GR, SH, TG
- 6=Suisse centrale: LU, NW, OW, SZ, UR, ZG
- 7=Ticino: TI

Q010pp_NUTS3. RECODED VARIABLE into Swiss NUTS3 regions, i.e. Cantons (NUTS = Nomenclature of Territorial Units for Statistics)

- 1=Zürich [+ Schaffhausen (14), parts of Uri (4), Glarus (8), Thurgau]
- 2=Bern
- 3=Luzern [+ parts of Uri (4), Schwyz (5), Obwalden (6), Nidwalden (7), Zug (9)]
- 10=Fribourg
- 11=Solothurn
- 12=Basel Stadt
- 13=Basel Land
- 17=St.Gallen [+Appenz Ausser (15), Appenz Inner (15), parts of Schwyz (5), Glarus (8), Thurgau (20)]
- 18=Graubünden
- 19=Argau
- 21=Ticino
- 22=Vaud
- 23=Vallais
- 24=Neuchâtel
- 25=Genève
- 26=Jura

If Q008=183 [TURKEY]

Q010qq. Which region do you live in?

- 1=Marmara Bölgesi
- 2=Ege Bölgesi
- 3=Karadeniz Bölgesi
- 4=Akdeniz Bölgesi
- 5=Iç Anadolu Bölgesi
- 6=Doğu Anadolu Bölgesi
- 7=Güneydoğu Anadolu Bölgesi

If Q008=188 [UKRAINE. Note: the EMIS-2010 response set combined oblasts into 6 groups]

Q010rr. Which oblast do you live in?

- | | |
|---|--|
| 1=м. Севастополь / Sevastopol city | 14=Луганська область / Luhansk Oblast |
| 2=м. Київ / Kyiv city | 15=Львівська область / Lviv Oblast |
| 3=Автономна Республіка Крим / Autonomous Republic of Crimea | 16=Миколаївська область / Mykolaiv Oblast |
| 4=Вінницька область / Vinnytsia Oblast | 17=Одеська область / Odesa Oblast |
| 5=Волинська область / Volyn Oblast | 18=Полтавська область / Poltava Oblast |
| 6=Дніпропетровська область / Dnipropetrovsk Oblast | 19=Рівненська область / Rivne Oblast |
| 7=Донецька область / Donetsk Oblast | 20=Сумська область / Sumy Oblast |
| 8=Житомирська область / Zhytomyr Oblast | 21=Тернопільська область / Ternopil Oblast |
| 9=Закарпатська область / Zakarpattia Oblast | 22=Харківська область / Kharkiv Oblast |
| 10=Запорізька область / Zaporizhzhia Oblast | 23=Херсонська область / Kherson Oblast |
| 11=Івано-Франківська область / Ivano-Frankivsk Oblast | 24=Хмельницька область / Khmelnytskyi Oblast |
| 12=Київська область / Kyiv Oblast | 25=Черкаська область / Cherkasy Oblast |
| 13=Кіровоградська область / Kirovohrad Oblast | 26=Чернівецька область / Chernivtsi Oblast |
| | 27=Чернігівська область / Chernihiv Oblast |
| | 28=Outside Kiev oblast (2010) |

If Q008=190 [UK, ENGLAND]

Q010ss. Which council/local authority area do you live in?

1=Adur	65=Copeland	130=Harrogate
2=Allerdale	66=Corby	131=Harrow
3=Amber Valley	67=Cornwall	132=Hart
4=Arun	68=Cotswold	133=Hartlepool
5=Ashfield	69=County Durham	134=Hastings
6=Ashford	70=Coventry	135=Havant
7=Aylesbury Vale	71=Craven	136=Havering
8=Babergh	72=Crawley	137=Herefordshire, County of
9=Barking and Dagenham	73=Croydon	138=Hertfordshire
10=Barnet	74=Cumbria	139=Hertsmere
11=Barnsley	75=Dacorum	140=High Peak
12=Barrow-in-Furness	76=Darlington	141=Hillingdon
13=Basildon	77=Dartford	142=Hinckley and Bosworth
14=Basingstoke and Deane	78=Daventry	143=Horsham
15=Bassetlaw	79=Derby	144=Hounslow
16=Bath and North East Somerset	80=Derbyshire	145=Huntingdonshire
17=Bedford	81=Derbyshire Dales	146=Hyndburn
18=Bexley	82=Devon	147=Ipswich
19=Birmingham	83=Doncaster	148=Isle of Wight
20=Blaby	84=Dorset	149=Isles of Scilly
21=Blackburn with Darwen	85=Dover	150=Islington
22=Blackpool	86=Dudley	151=Kensington and Chelsea
23=Bolsover	87=Ealing	152=Kent
24=Bolton	88=East Cambridgeshire	153=Kettering
25=Boston	89=East Devon	154=King's Lynn and West Norfolk
26=Bournemouth	90=East Dorset	155=Kingston upon Hull, City of
27=Bracknell Forest	91=East Hampshire	156=Kingston upon Thames
28=Bradford	92=East Hertfordshire	157=Kirklees
29=Braintree	93=East Lindsey	158=Knowsley
30=Breckland	94=East Northamptonshire	159=Lambeth
31=Brent	95=East Riding of Yorkshire	160=Lancashire
32=Brentwood	96=East Staffordshire	161=Lancaster
33=Brighton and Hove	97=East Sussex	162=Leeds
34=Bristol, City of	98=Eastbourne	163=Leicester
35=Broadland	99=Eastleigh	164=Leicestershire
36=Bromley	100=Eden	165=Lewes
37=Bromsgrove	101=Elmbridge	166=Lewisham
38=Broxbourne	102=Enfield	167=Lichfield
39=Broxtowe	103=Epping Forest	168=Lincoln
40=Buckinghamshire	104=Epsom and Ewell	169=Lincolnshire
41=Burnley	105=Erewash	170=Liverpool
42=Bury	106=Essex	171=Luton
43=Calderdale	107=Exeter	172=Maidstone
44=Cambridge	108=Fareham	173=Maldon
45=Cambridgeshire	109=Fenland	174=Malvern Hills
46=Camden	110=Forest Heath	175=Manchester
47=Cannock Chase	111=Forest of Dean	176=Mansfield
48=Canterbury	112=Fylde	177=Medway
49=Carlisle	113=Gateshead	178=Melton
50=Castle Point	114=Gedling	179=Mendip
51=Central Bedfordshire	115=Gloucester	180=Merton
52=Charnwood	116=Gloucestershire	181=Mid Devon
53=Chelmsford	117=Gosport	182=Mid Suffolk
54=Cheltenham	118=Gravesham	183=Mid Sussex
55=Cherwell	119=Great Yarmouth	184=Middlesbrough
56=Cheshire East	120=Greenwich	185=Milton Keynes
57=Cheshire West and Chester	121=Guildford	186=Mole Valley
58=Chesterfield	122=Hackney	187=New Forest
59=Chichester	123=Halton	188=Newark and Sherwood
60=Chiltern	124=Hambleton	189=Newcastle upon Tyne
61=Chorley	125=Hammersmith and Fulham	190=Newcastle-under-Lyme
62=Christchurch	126=Hampshire	191=Newham
63=City of London	127=Harborough	192=Norfolk
64=Colchester	128=Haringey	193=Northamptonshire
	129=Harlow	

194=North Devon	248=Selby	302=Test Valley
195=North Dorset	249=Sevenoaks	303=Tewkesbury
196=North East Derbyshire	250=Sheffield	304=Thanet
197=North East Lincolnshire	251=Shepway	305=Three Rivers
198=North Hertfordshire	252=Shropshire	306=Thurrock
199=North Kesteven	253=Slough	307=Tonbridge and Malling
200=North Lincolnshire	254=Solihull	308=Torbay
201=North Norfolk	255=Somerset	309=Torridge
202=North Somerset	256=South Bucks	310=Tower Hamlets
203=North Tyneside	257=South Cambridgeshire	311=Trafford
204=North Warwickshire	258=South Derbyshire	312=Tunbridge Wells
205=North West Leicestershire	259=South Gloucestershire	313=Uttlesford
206=North Yorkshire	260=South Hams	314=Vale of White Horse
207=Northampton	261=South Holland	315=Wakefield
208=Northumberland	262=South Kesteven	316=Walsall
209=Norwich	263=South Lakeland	317=Waltham Forest
210=Nottingham	264=South Norfolk	318=Wandsworth
211=Nottinghamshire	265=South Northamptonshire	319=Warrington
212=Nuneaton and Bedworth	266=South Oxfordshire	320=Warwick
213=Oadby and Wigston	267=South Ribble	321=Warwickshire
214=Oldham	268=South Somerset	322=Watford
215=Oxford	269=South Staffordshire	323=Waveney
216=Oxfordshire	270=South Tyneside	324=Waverley
217=Pendle	271=Southampton	325>Wealden
218=Peterborough	272=Southend-on-Sea	326=Wellingborough
219=Plymouth	273=Southwark	327=Welwyn Hatfield
220=Poole	274=Spelthorne	328=West Berkshire
221=Portsmouth	275=St Albans	329=West Devon
222=Preston	276=St Edmundsbury	330=West Dorset
223=Purbeck	277=St. Helens	331=West Lancashire
224=Reading	278=Stafford	332=West Lindsey
225=Redbridge	279=Staffordshire	333=West Oxfordshire
226=Redcar and Cleveland	280=Staffordshire Moorlands	334=West Somerset
227=Redditch	281=Stevenage	335=West Sussex
228=Reigate and Banstead	282=Stockport	336=Westminster
229=Ribble Valley	283=Stockton-on-Tees	337=Weymouth and Portland
230=Richmond upon Thames	284=Stoke-on-Trent	338=Wigan
231=Richmondshire	285=Stratford-on-Avon	339=Wiltshire
232=Rochdale	286=Stroud	340=Winchester
233=Rochford	287=Suffolk	341=Windsor and Maidenhead
234=Rossendale	288=Suffolk Coastal	342=Wirral
235=Rother	289=Sunderland	343=Woking
236=Rotherham	290=Surrey	344=Wokingham
237=Rugby	291=Surrey Heath	345=Wolverhampton
238=Runnymede	292=Sutton	346=Worcester
239=Rushcliffe	293=Swale	347=Worcestershire
240=Rushmoor	294=Swindon	348=Worthing
241=Rutland	295=Tameside	349=Wychavon
242=Ryedale	296=Tamworth	350=Wycombe
243=Salford	297=Tandridge	351=Wyre
244=Sandwell	298=Taunton Deane	352=Wyre Forest
245=Scarborough	299=Teignbridge	353=York
246=Sedgemoor	300=Telford and Wrekin	
247=Sefton	301=Tendring	

If Q008=191 [UK, NORTHERN IRELAND. Note: The EMIS-2010 response set consisted of 26 areas]

Q010tt. Which district council / local authority area do you live in?

1=Antrim and Newtownabbey	7=Fermanagh and Omagh
2=Ards and North Down	8=Lisburn and Castlereagh
3=Armagh, Banbridge and Craigavon	9=Mid and East Antrim
4=Belfast	10=Mid-Ulster
5=Causeway Coast and Glens	11=Newry, Mourne and Down
6=Derry and Strabane	

If Q008=192 [UK, SCOTLAND]

Q010uu. Which council / local authority area do you live in?

- | | |
|--------------------------------|------------------------|
| 1=Aberdeen City | 17=Highland |
| 2=Aberdeenshire | 18=Inverclyde |
| 3=Angus | 19=Midlothian |
| 4=Argyll & Bute | 20=Moray |
| 5=Clackmannanshire | 21=North Ayrshire |
| 6=Dumfries & Galloway | 22=North Lanarkshire |
| 7=Dundee City | 23=Orkney Islands |
| 8=East Ayrshire | 24=Perth & Kinross |
| 9=East Dunbartonshire | 25=Renfrewshire |
| 10=East Lothian | 26=Scottish Borders |
| 11=East Renfrewshire | 27=Shetland Islands |
| 12=Edinburgh, City of | 28=South Ayrshire |
| 13=Eilean Siar (Western Isles) | 29=South Lanarkshire |
| 14=Falkirk | 30=Stirling |
| 15=Fife | 31=West Dunbartonshire |
| 16=Glasgow City | 32=West Lothian |

If Q008=193 [UK, WALES]

Q010vv. Which council / local authority area do you live in?

- | | |
|---------------------|--------------------------|
| 1=Blaenau Gwent | 12=Merthyr Tydfil |
| 2=Bridgend | 13=Monmouthshire |
| 3=Caerphilly | 14=Neath Port Talbot |
| 4=Cardiff | 15=Newport |
| 5=Carmarthenshire | 16=Pembrokeshire |
| 6=Ceredigion | 17=Powys |
| 7=Conwy | 18=Rhondda, Cynon, Taff |
| 8=Denbighshire | 19=Swansea |
| 9=Flintshire | 20=The Vale of Glamorgan |
| 10=Gwynedd | 21=Torfaen |
| 11=Isle of Anglesey | 22=Wrexham |

If Q008=194 [UK, BRITISH OVERSEAS TERRITORIES AND CROWN DEPENDENCIES]

Q010ww. Which Territory or Crown Dependency do you live in?

- 1=Anguilla
- 2=Bermuda
- 3=British Indian Ocean Territory
- 4=British Virgin Islands
- 5=Cayman Islands
- 6=Falkland Islands
- 7=Gibraltar
- 8=Guernsey and Sark
- 9=Isle of Man
- 10=Jersey
- 11=Montserrat
- 12=Pitcairn Island
- 13=Saint Helena and Dependencies
- 14=South Georgia and South Sandwich Islands
- 15=Sovereign Base Areas on Cyprus
- 16=Turks and Caicos Islands

If Q008=7 [ARGENTINA]

Q010_01. In which province do you live?

- 1=Ciudad de Buenos Aires (Distrito Federal)*
- 2=Buenos Aires*
- 3=Catamarca*
- 4=Chaco*
- 5=Chubut*
- 6=Córdoba*
- 7=Corrientes*
- 8=Entre Ríos*
- 9=Formosa*
- 10=Jujuy*
- 11=La Pampa*
- 12=La Rioja*

- 13=Mendoza*
- 14=Misiones*
- 15=Neuquén*
- 16=Río Negro*
- 17=Salta*
- 18=San Juan*
- 19=San Luis*
- 20=Santa Cruz*
- 21=Santa Fe*
- 22=Santiago del Estero*
- 23=Tierra del Fuego*
- 24=Tucumán*

If Q008=21 [BOLIVIA]

Q010_02. Which department do you live in?

- 1=Beni*
- 2=Chuquisaca*
- 3=Cochabamba*
- 4=La Paz*
- 5=Oruro*
- 6=Pando*
- 7=Potosí*
- 8=Santa Cruz*
- 9=Tarija*

If Q008=24 [BRAZIL]

Q010_03. Which Federal State do you live in?

- 1=Acre*
- 2=Alagoas*
- 3=Amapá*
- 4=Amazonas*
- 5=Bahía*
- 6=Ceará*
- 7=Distrito Federal*
- 8=Espírito Santo*
- 9=Goiás*
- 10=Maranhão*
- 11=Mato Grosso*
- 12=Mato Grosso do Sul*
- 13=Minas Gerais*
- 14=Pará*

- 15=Paraíba*
- 16=Paraná*
- 17=Pernambuco*
- 18=Piauí*
- 19=Rio de Janeiro*
- 20=Rio Grande do Norte*
- 21=Rio Grande do Sul*
- 22=Rondônia*
- 23=Roraima*
- 24=Santa Catarina*
- 25=São Paulo*
- 26=Sergipe*
- 27=Tocantins*

If Q008=35 [CHILE]

Q010_04. Which region do you live in?

- 1=Aisén del Gral. Carlos Ibáñez Del Campo*
- 2=Antofagasta*
- 3=Arica y Parinacota*
- 4=Atacama*
- 5=Biobío*
- 6=Coquimbo*
- 7=La Araucanía*
- 8=Libertador Gral. Bernardo O'Higgins*

- 9=Los Lagos*
- 10=Los Ríos*
- 11=Magallanes y de La Antártica Chilena*
- 12=Maule*
- 13=Región Metropolitana de Santiago*
- 14=Tarapacá*
- 15=Valparaíso*

If Q008=37 [COLOMBIA]

Q010_05 Which department do you live in?

1=Amazonas

2=Antioquia

3=Arauca

4=Atlántico

5=Bogotá Distrito Capital

6=Bolívar

7=Boyacá

8=Caldas

9=Caquetá

10=Casanare

11=Cauca

12=Cesar

13=Chocó

14=Córdoba

15=Cundinamarca

16=Guainía

17=Guaviare

18=Huila

19=Guajira

20=Magdalena

21=Meta

22=Nariño

23=Norte de Santander

24=Putumayo

25=Quindío

26=Risaralda

27=San Andrés y Providencia

28=Santander

29=Sucre

30=Tolima

31=Valle del Cauca

32=Vaupés

33=Vichada

If Q008=41 [COSTA RICA]

Q010_06. Which province do you live in?

1=Alajuela

2=Cartago

3=Guanacaste

4=Heredia

5=Limón

6=Puntarenas

7=San José

If Q008=50 [ECUADOR]

Q010_07. Which province do you live in?

1=Azuay

2=Bolívar

3=Cañar

4=Carchi

5=Chimborazo

6=Cotopaxi

7=El Oro

8=Esmeraldas

9=Galápagos

10=Guayas

11=Imbabura

12=Loja

13=Los Ríos

14=Manabí

15=Morona-Santiago

16=Napo

17=Orellana

18=Pastaza

19=Pichincha

20=Santa Elena

21=Santo Domingo de los Tsáchilas

22=Sucumbíos

23=Tungurahua

24=Zamora-Chinchipec

If Q008=52 [EL SALVADOR]

Q010_08 Which department do you live in?

1=Ahuachapán

2=Cabañas

3=Chalatenango

4=Cuscatlán

5=La Libertad

6=La Paz

7=La Unión

8=Morazán

9=San Miguel

10=San Salvador

11=San Vicente

12=Santa Ana

13=Sonsonate

14=Usulután

If Q008=69 [GUATEMALA]

Q010_09 Which department do you live in?

1=Alta Verapaz
2=Baja Verapaz
3=Chimaltenango
4=Chiquimula
5=El Progreso
6=Escuintla
7=Guatemala
8=Huehuetenango
9=Izabal
10=Jalapa
11=Jutiapa

12=Petén
13=Quetzaltenango
14=Quiché
15=Retalhuleu
16=Sacatepéquez
17=San Marcos
18=Santa Rosa
19=Sololá
20=Suchitepéquez
21=Totonicapán
22=Zacapa

If Q008=74 [HONDURAS]

Q010_10 Which department do you live in?

1=Atlántida
2=Choluteca
3=Colón
4=Comayagua
5=Copán
6=Cortés
7=El Paraíso
8=Francisco Morazán
9=Gracias a Dios

10=Intibucá
11=Islas de la Bahía
12=La Paz
13=Lempira
14=Ocotepeque
15=Olancho
16=Santa Bárbara
17=Valle

If Q008=115 [MEXICO]

Q010_11. Which Federal State do you live in?

1=Aguascalientes
2=Baja California
3=Baja California Sur
4=Campeche
5=Chiapas
6=Chihuahua
7=Ciudad de México
8=Coahuila
9=Colima
10=Durango
11=Estado de México
12=Guanajuato
13=Guerrero
14=Hidalgo
15=Jalisco
16=Michoacán

17=Morelos
18=Nayarit
19=Nuevo León
20=Oaxaca
21=Puebla
22=Querétaro
23=Quintana Roo
24=San Luis Potosí
25=Sinaloa
26=Sonora
27=Tabasco
28=Tamaulipas
29=Tlaxcala
30=Veracruz
31=Yucatán
32=Zacatecas

If Q008=129 [NICARAGUA]

Q010_12 Which department do you live in?

1=Boaco
2=Carazo
3=Chinandega
4=Chontales
5=Estelí
6=Granada
7=Jinotega
8=León
9=Madriz

10=Managua
11=Masaya
12=Matagalpa
13=Nueva Segovia
14=Región Autónoma de la Costa Caribe Norte
15=Región Autónoma de la Costa Caribe Sur
16=Rio San Juan
17=Rivas

If Q008=137 [PANAMA]

Q010_13. Which province do you live in?

- 1=Bocas del Toro
- 2=Chiriquí
- 3=Coclé
- 4=Colón
- 5=Comarca Emberá-Wounaan
- 6=Darién
- 7=Guna Yala
- 8=Herrera

- 9=Kuna de Madugandí
- 10=Kuna de Wargandí
- 11=Los Santos
- 12=Ngöbe-Buglé Comarca
- 13=Panamá
- 14=Panamá Oeste
- 15=Veraguas

If Q008=139 [PARAGUAY]

Q010_14. Which department do you live in?

- 1=Distrito Capital
- 2=Alto Paraguay
- 3=Alto Paraná
- 4=Amambay
- 5=Boquerón
- 6=Caaguazú
- 7=Caazapá
- 8=Canindeyú
- 9=Central

- 10=Concepción
- 11=Cordillera
- 12=Guairá
- 13=Itapúa
- 14=Misiones
- 15=Ñeembucú
- 16=Paraguarí
- 17=Presidente Hayes
- 18=San Pedro

If Q008=140 [PERU]

Q010_15. Which department do you live in?

- 1=Amazonas
- 2=Ancash
- 3=Apurímac
- 4=Arequipa
- 5=Ayacucho
- 6=Cajamarca
- 7=Callao
- 8=Cusco
- 9=Huancavelica
- 10=Huánuco
- 11=Ica
- 12=Junín
- 13=La Libertad

- 14=Lambayeque
- 15=Lima
- 16=Loreto
- 17=Madre de Dios
- 18=Moquegua
- 19=Pasco
- 20=Piura
- 21=Puno
- 22=San Martín
- 23=Tacna
- 24=Tumbes
- 25=Ucayali

If Q008=169 [SURINAME]

Q010_16. Which district do you live in?

- 1=Brokopondo
- 2=Commewijne
- 3=Coronie
- 4=Marowijne
- 5=Nickerie
- 6=Para
- 7=Paramaribo
- 8=Saramacca
- 9=Sipaliwini
- 10=Wanica

If Q008=195 [URUGUAY]

Q010_17. Which department do you live in?

*1=Artigas
2=Canelones
3=Cerro Largo
4=Colonia
5=Durazno
6=Flores
7=Florida
8=Lavalleja
9=Maldonado
10=Montevideo*

*11=Paysandú
12=Río Negro
13=Rivera
14=Rocha
15=Salto
16=San José
17=Soriano
18=Tacuarembó
19=Treinta y Tres*

If Q008=199 [VENEZUELA]

Q010_18. Which state do you live in?

*1=Amazonas
2=Anzoátegui
3=Apure
4=Aragua
5=Barinas
6=Bolívar
7=Carabobo
8=Cojedes
9=Delta Amacuro
10=Dependencias Federales
11=Distrito Capital
12=Falcón
13=Guárico*

*14=Lara
15=Mérida
16=Miranda
17=Monagas
18=Nueva Esparta
19=Portuguesa
20=Sucre
21=Táchira
22=Trujillo
23=Vargas
24=Yaracuy
25=Zulia*

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EMIS NETWORK

The following list acknowledges all partners in EMIS by country in all 44 countries where we had partner organisations. Individual names are mentioned if a freelancer was the main contact and/or translator or where input on the questionnaire development came from a person not formally representing an organisation. The order is: main NGO partner, other NGO partners, academic partners, governmental partners, individuals.

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AL: Arian Boci.

AT: Aids Hilfe Wien, Dr Frank M. Amort.

BA: Igbti.ba, Masha Durkalić.

BE: SENSOA, exaequo, Observatoire du SIDA et des sexualités, Sciensano.

BG: HUGE, GLAS Foundation, Dr Emilia Naseva, Petar Tsintsarski.

BY: Vstrecha.

CA: Health Initiative for Men, Rézo, Gay Men's Sexual Health Alliance of Ontario, CATIE, Ontario HIV Treatment Network, Université du Québec & Montréal, University of Toronto, University of Windsor, University of Victoria, Public Health Agency of Canada, Rob Gair.

CH: Swiss AIDS Federation, Cantonal Hospital St. Gallen, Centre Hospitalier Universitaire Vaudois, University Hospital Zurich, Fachhochschule Nordwestschweiz, Swiss Federal Office of Public Health.

CY: AIDS Solidarity Movement, University of Cyprus.

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DE: Deutsche AIDS-Hilfe, Robert Koch Institute, BZgA, Dr Michael Bochow, Dr Richard Lemke.

DK: AIDS-Fondet, Statens Serum Institut, François Pinchon, Jakob Haff.

EE: Eesti LGBT, VEK LGBT, Estonia National Institute for Health Development, Dr Kristi Rüütel.

ES: Stop Sida, CEEISCAT, Ministerio de Sanidad.

FI: Positiiviset, Hivpoint, SeksiPertti, Trasek, National Institute for Health and Welfare.

FR: AIDES, Coalition PLUS, SexoSafe, Santé Publique France, INSERM.

GR: Ath Checkpoint, Thess Checkpoint; Positive Voice.

HR: Iskorak, gay.hr, Zoran Dominković, Vjeko Vacek.

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IL: Israel AIDS Task Force, Israel Ministry of Health, Dr Zohar Mor.

IS: Samtökin '78.
IT: Arcigay, Fondazione LILA Milano ONLUS, University of Verona, Dr Raffaele Lelleri.
LB: SIDC, Dr Ismaël Maatouk.
LT: demetra, LGL, Gayline.
LV: Testpunkts, Baltic HIV Association, Dr Antons Mozalevskis, Indra Linina.
MD: GENDERDOC-M.
ME: Juventas.
MK: Subversive Front, Dr Kristefer Stojanovski.
MT: Malta LGBTIQ Rights Movement, Allied Rainbow Communities, Infectious Disease Prevention and Control Unit, Silvan Agius, Russel Sammut.
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NO: Helseutvalget, Norwegian Directorate of Health, Folkehelseinstituttet, Dr Rigmor C. Berg.
PH: Bisdak Pride-Cebu, Cebu Plus, HASH, Pinoy Plus, UP Babaylanes, YPEER, TLF, Office of the WHO Representative in the Philippines, Natasha Montevirgen, Mikael N. Navarro.
PL: Spoleczny Komitet ds AIDS, Kampania Przeciw Homofobii, Lambda Warszawa, National Institute of Public Health/National Institute of Hygiene, Dr Łukasz Henszel.
PT: GAT Portugal, CheckpointLX, Associação ABRAÇO, rede ex aequo, SexED, dezanove, ILGA Portugal, Trombeta Bath, Instituto de Saúde Pública da Universidade do Porto.
RO: Association "Eu sunt! Tu?", PSI Romania, ARAS Romania, Tudor Kovacs.
RS: Association Duga, Association Red Line, Omladina JAZAS-a Novi Sad, Institute of Public Health of Serbia, Sladjana Baros, Dr Marija Pantelic.
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UA: Alliance for Public Health, alliance.global, msmua.org, Oleksii Shestakovskiy.
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- AIDS Action Europe (Berlin)
- Centre d'Estudis Epidemiològics sobre les ITS i la Sida de Catalunya (Barcelona)
- Deutsche AIDS-Hilfe (Berlin)
- European AIDS Treatment Group (Brussels)
- ResultsinHealth (Leiderdorp)
- Sigma Research, London School of Hygiene & Tropical Medicine (London)
- Terrence Higgins Trust (London)
- University of Brighton Centre for Health Research (Brighton)

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LAMIS, using the same questionnaire and finishing data collection on 12 May 2018, was the first online multinational survey on psycho-socio-sexual health with intersectoral participation in Latin America. It was implemented by researchers from the [Red Iberoamericana de Estudios en Hombres que tienen Sexo con Hombres y Personas Trans](#)^{*}, a coalition of researchers from Latin America, Portugal, Spain and the Netherlands, with support from the EMIS team. Both projects required a great deal of international cooperation and relied on the support of national stakeholders to aid local recruitment. Through this cooperation comparable data are now available for the first time for more than 60 countries across 4 continents.

^{*}The Red Iberoamericana de Estudios en Hombres Gay, otros Hombres que tienen Sexo con Hombres y Personas Trans (RIGHT) is composed of the following institutions: Núcleo de Pesquisa em Direitos Humanos e Saúde LGBT+ (NUDHES) da Faculdade de Ciências Médicas da Santa Casa de São Paulo (Brazil); Escuela de Salud Pública, Universidad de Chile (Chile); CIISSS at Universidad Peruana Cayetano Heredia (Peru); CICS - Facultad de Ciencias Médicas, Universidad de San Carlos de Guatemala (Guatemala); Instituto de Saúde Pública da Universidade do Porto (Portugal); the Centre d'Estudis Epidemiològics sobre les Infeccions de Transmissió Sexual i VIH/Sida de Catalunya (CEEISCAT, Spain).

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CR: Centro de Investigación y Promoción para América Central de Derechos Humanos (CIPAC)[Daria Suárez]
EC: Fundación Ecuatoriana Equidad [Efrain Soria].
GT: Fundación Sida y Sociedad [Elsy Camey]; Centro de Investigaciones de las Ciencias de la Salud, Facultad de Ciencias Médicas, Universidad de San Carlos de Guatemala.
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PE: Center for Research on Sexuality, AIDS and Society at Universidad Peruana Cayetano Heredia [Carlos Cáceres].
SR: Parea [Juan Pigot].
SV: Asociación Entre Amigos [William Hernández].
UY: +VIHdas [Mauricio Sosa]; Colectivo Ovejas Negras [Magdalena Bessonart].
VE: Venezuela Igualitaria [Giovanni Piermattei].