

# Annex 10. Country profiles

## Austria

**Table A20. Country profile Austria**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
MSM PrEP	Chromy 2023	07/2020	12/2021	convenience	N/A	33.8	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	131	10.00	4.80-15.04	high
<b>NG</b>													
MSM PrEP	Chromy 2023	07/2020	12/2021	convenience	N/A	33.8	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	131	16.00	9.75-22.31	high
<b>TV</b>													
Women, Proxy ANC	Farr 2016	01/2005	01/2015	convenience	ANC	30.4 <sup>2</sup>	clinical	genital	NR	3631	0.74	0.46-1.02	high
<b>TP</b>													
MSM PrEP	Chromy 2023	07/2020	12/2021	convenience	N/A	33.8	STI/GUM clinic	blood	NR	131	8.00	3.09-12.18	high

## Belgium

**Table A21. Country profile Belgium**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women	Fischer 2021_CT1	01/2019	12/2020	probability	representative	40.0	register	urine	NAAT	422	1.32	0.29-2.55	low
Women	Fischer 2021_CT2	01/2019	12/2020	probability	representative	42.0	register	urine	NAAT	412	1.29	0.16-2.27	low
Men	Fischer 2021_CT1	01/2019	12/2020	probability	representative	41.0	register	urine	NAAT	348	1.75	0.36-3.09	low
Men	Fischer 2021_CT2	01/2019	12/2020	probability	representative	44.0	register	urine	NAAT	351	2.25	0.72-3.84	low
MSM PrEP	Reyniers 2018	09/2015	06/2016	convenience	N/A	38.0	unclear	any-site (AR/UR/PH)	NAAT	196	11.70	7.23-16.24	medium
Female sex workers	Coorevits 2018	06/2015	06/2016	convenience	N/A	33.0 <sup>2</sup>	outreach	urine or genital	NAAT	299	9.00	5.78-12.28	high
Female sex workers	Verougstraete 2020	02/2018	07/2019	convenience	N/A	NR	community	any-site (AR/UG/PH)	NAAT	489	5.10	3.16-7.06	high
<b>NG</b>													
MSM PrEP	Reyniers 2018	09/2015	06/2016	convenience	N/A	38.0	unclear	any-site (AR/UR/PH)	NAAT	196	12.20	7.66-16.83	medium
Female sex workers	Coorevits 2018	06/2015	06/2016	convenience	N/A	33.0 <sup>2</sup>	outreach	urine or genital	NAAT	299	3.30	1.31-5.38	medium

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
Female sex workers	Verougstraete 2020	02/2018	07/2019	convenience	N/A	NR	community	any-site (AR/UG/PH)	NAAT	489	2.00	0.79-3.30	high
<b>TV</b>													
Female sex workers	Verougstraete 2020	02/2018	07/2019	convenience	N/A	NR	community	any-site (AR/UG/PH)	NAAT	296	7.40	4.44-10.42	high
<b>TP</b>													
MSM PrEP	Reyniers 2018	09/2015	06/2016	convenience	N/A	38.0	unclear	blood	dual	200	7.50	3.85-11.15	medium

## Bulgaria

**Table A22. Country profile Bulgaria**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
MSM PrEP	Pakov 2022	10/2020	08/2022	convenience	N/A	33.0	STI/GUM clinic	urine or urogenital	NAAT	410	5.60	3.38-7.84	high
<b>NG</b>													
MSM PrEP	Pakov 2022	10/2020	08/2022	convenience	N/A	33.0	STI/GUM clinic	urine or urogenital	NAAT	410	5.30	3.18-7.55	high
<b>TP</b>													
MSM PrEP	Pakov 2022	10/2020	08/2022	convenience	N/A	33.0	STI/GUM clinic	blood	unclear	410	10.3	7.3-13.2	high

## Croatia

**Table A23. Country profile Croatia**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women, proxy ANC	Ljubin-Sternak 2017	03/2014	02/2015	convenience	routine gynaecological check-up and ANC	30.9 <sup>2</sup>	outpatient	genital	NAAT	8 665	1.90	1.62-2.19	high
Young women	Bozicevic 2023	11/2021	01/2022	probability, internet-based	representative	21.7 <sup>2,3</sup>	panel database	urine	NAAT	245	2.90	0.77-4.94	medium
Young men	Bozicevic 2023	11/2021	01/2022	probability, internet-based	representative	21.7 <sup>2,3</sup>	panel database	urine	NAAT	203	1.00	0.00-2.34	medium
<b>TP</b>													
MSM visiting STI clinics	Gasbarrini 2021	05/2018	05/2018	convenience	N/A	NR	STI/GUM clinic	blood	single	144	2.08	0.00-4.42	high

## Czechia

**Table A24. Country profile Czechia**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>TP</b>													
Female sex workers	Sekera 2022	NR/2003	NR/2018	convenience	IV drug use	28.8 <sup>2</sup>	outreach	blood	single	77	7.80	1.81-13.78	high
PWID	Sekera 2022	NR/2003	NR/2018	convenience	N/A	28.8 <sup>2</sup>	outreach	blood	single	384	1.82	0.48-3.16	high

## Denmark

**Table A25. Country profile Denmark**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women, proxy ANC	Skaftø-Holm 2023	01/2015	01/2019	convenience	ANC	30.3	clinical	genital	NAAT	1 203	0.58	0.15-1.01	medium

## Estonia

**Table A26. Country profile Estonia**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Men, proxy other	Tjagur 2021	01/2010	12/2012	convenience	partners of women in ANC	31.8	clinical	urine	NAAT	248	1.60	0.05-3.18	medium
<b>NG</b>													
Men, proxy other	Tjagur 2021	01/2010	12/2012	convenience	partners of women in ANC	31.8	clinical	urine	NAAT	248	0.00	0.00-0.76	medium
<b>TV</b>													
Men, proxy other	Tjagur 2021	01/2010	12/2012	convenience	partners of women in ANC	31.8	clinical	urine	NAAT	248	0.00	0.00-0.76	medium

## Finland

**Table A27. Country profile Finland**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Young women, proxy other	Adhikari 2022	NR/2010	NR/2014	targeted	HPV vaccinated	18.5-22 <sup>2</sup>	trial	genital	NAAT	6 618	3.70	3.25-4.16	medium

## France

**Table A28. Country profile France**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women, proxy ANC	Peuchant 2015	01/2011	06/2011	convenience	ANC	30.0	clinical	genital	NAAT	1 004	2.50	1.53-3.45	medium
Women, proxy other	Berhonde 2015	01/2013	06/2014	convenience	pre-abortion consultation	21.0	clinical	genital	NAAT	2 824	11.00	9.86-12.17	high
Women, proxy other	Duron 2018	NR/2014	NR/2015	probability	military personnel	18-57 <sup>2</sup>	register	genital	NAAT	141	7.10	2.86-11.33	high
Men, proxy other	Duron 2018	NR/2014	NR/2015	probability	military personnel	18-57 <sup>2</sup>	register	urine	NAAT	784	3.00	1.86-4.27	high
Young women, proxy ANC	Peuchant 2015	01/2011	06/2011	convenience	ANC	18-24 <sup>2</sup>	clinical	genital	NAAT	165	7.90	3.77-11.99	high
MSM visiting STI clinics	Rondeau 2019	04/2016	12/2016	convenience	N/A	NR	STI/GUM clinic	ano-rectal	NAAT	111	8.96	5.66-12.21	medium
MSM visiting STI clinics	Rahib 2022	04/2018	06/2018	convenience	N/A	30.0	dating app/social media	any-site (AR/UR/PH)	NAAT	1 930	9.30	7.98-10.57	high
MSM HIV	Farfour 2021	09/2017	12/2017	convenience	N/A	47.0	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	291	17.10	10.11-24.12	high
<b>NG</b>													
Women, proxy ANC	Peuchant 2015	01/2011	06/2011	convenience	ANC	30.0	clinical	genital	NAAT	1 004	0.00	0.00-0.19	medium
Women, proxy other	Berhonde 2015	01/2013	06/2014	convenience	pre-abortion consultation	21.0	clinical	genital	NAAT	2 824	1.30	0.89-1.73	high
Young women, proxy ANC	Peuchant 2015	01/2011	06/2011	convenience	ANC	18-24 <sup>2</sup>	clinical	genital	NAAT	165	0.00	0.00-1.13	medium
MSM visiting STI clinics	Rahib 2022	04/2018	06/2018	convenience	N/A	30.0	dating app/social media	any-site (AR/UR/PH)	NAAT	1 930	9.60	8.27-10.90	high
MSM HIV	Farfour 2021	09/2017	12/2017	convenience	N/A	47.0	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	291	6.89	3.97-9.78	high
Mixed-gender, proxy other	Duron 2018	NR/2014	NR/2015	probability	military personnel	18-57 <sup>2</sup>	register	urine, genital	NAAT	952	0.11	0.00-0.30	high

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>TP</b>													
Mixed-gender, proxy other	Duron 2018	NR/2014	NR/2015	probability	military personnel	18-57 <sup>2</sup>	register	blood	dual	952	0.11	0.00-0.30	high
MSM visiting STI clinics	Rahib 2022	04/2018	06/2018	convenience	N/A	30.0	dating app/social media	blood	single	1 062	12.20	10.27-14.21	high
MSM HIV	Farfour 2021	09/2017	12/2017	convenience	N/A	47.0	STI/GUM clinic	blood	dual	291	1.68	0.23-3.21	high

## Germany

**Table A29. Country profile Germany**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Young women	Skaletz-Rorowski 2021	12/2016	07/2018	convenience	representative	23.0 <sup>3</sup>	community	any-site (AR/UG/PH)	NAAT	133	7.50	3.04-12.00	high
Young men	Skaletz-Rorowski 2021	12/2016	07/2018	convenience	representative	23.0 <sup>3</sup>	community	any-site (AR/UR/PH)	NAAT	133	8.20	3.59-12.95	high
MSM visiting STI clinics	Jansen 2020	02/2018	07/2018	convenience	N/A	39.0	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	2 203	9.90	8.65-11.14	medium
MSM HIV	Spinner 2018	02/2016	08/2016	convenience	N/A	43.2	STI/GUM clinic	pooled (AR/UG/PH)	NAAT	296	8.80	5.56-12.01	high
MSM 'high risk'	Streeck 2022	06/2018	03/2019	convenience	N/A	33.0	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	1 043	12.80	10.82-14.88	medium
MSM 'high risk'	Weidlich 2023	04/2021	07/2022	convenience	N/A	37.0	STI/GUM clinic	any-site (AR/UR/UG/PH)	NAAT	236	12.70	8.46-16.96	high
<b>NG</b>													
Young women	Skaletz-Rorowski 2021	12/2016	07/2018	convenience	representative	23.0 <sup>2,3</sup>	community	any-site (AR/UG/PH)	NAAT	133	1.50	0.00-3.57	high
Young men	Skaletz-Rorowski 2021	12/2016	07/2018	convenience	representative	23.0 <sup>3</sup>	community	any-site (AR/UR/PH)	NAAT	133	9.70	4.73-14.82	high
MSM visiting STI clinics	Jansen 2020	02/2018	07/2018	convenience	N/A	39.0	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	2 203	8.90	7.71-10.09	medium
MSM HIV	Spinner 2018	02/2016	08/2016	convenience	N/A	43.2	STI/GUM clinic	pooled (AR/UG/PH)	NAAT	296	6.80	3.90-9.62	high
MSM 'high risk'	Streeck 2022	06/2018	03/2019	convenience	N/A	33.0	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	1 043	10.10	8.24-11.89	medium
MSM 'high risk'	Weidlich 2023	04/2021	07/2022	convenience	N/A	37.0	STI/GUM clinic	any-site (AR/UR/UG/PH)	NAAT	236	8.50	4.92-12.03	high
<b>TV</b>													
MSM visiting STI clinics	Jansen 2020	02/2018	07/2018	convenience	N/A	39.0	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	2 203	0.10	0.00-0.22	medium
MSM 'high risk'	Streeck 2022	06/2018	03/2019	convenience	N/A	33.0	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	1 043	0.00	0.00-0.18	medium
<b>TP</b>													

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
MSM HIV	Spinner 2018	02/2016	08/2016	convenience	N/A	43.2	STI/GUM clinic	blood	NR	296	5.07	2.57-7.57	high
MSM 'high risk'	Streeck 2022	06/2018	03/2019	convenience	N/A	33.0	STI/GUM clinic	blood	dual	1 043	3.50	2.42-4.67	medium

## Greece

**Table A30. Country profile Greece**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women, proxy other	Parthenis 2018	10/2015	10/2016	convenience	routine cervical screening	33.2 <sup>2</sup>	clinical	genital	NAAT	345	1.45	0.19-2.71	high
<b>TV</b>													
Women, proxy other	Parthenis 2018	10/2015	10/2016	convenience	routine cervical screening	33.2 <sup>2</sup>	clinical	genital	NAAT	345	0.00	0.00-0.54	high
<b>TP</b>													
Women, proxy other	Parthenis 2018	10/2015	10/2016	convenience	routine cancer screening	33.2 <sup>2</sup>	clinical	genital	single	345	0.00	0.00-0.54	high

## Hungary

**Table A31. Country profile Hungary**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>TP</b>													
Women, proxy ANC	Balla 2018	01/2016	12/2016	convenience	ANC	NR	outpatient	blood	dual	17 257	0.31	0.22-0.39	high

## Iceland

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
MSM visiting STI clinics	Hilmarsdottir 2021	10/2018	01/2019	convenience	STI/GUM clinic	N/A	STI/GUM clinic	UR, PH, AR	NAAT	52	11.50	2.85-20.22	high
<b>NG</b>													
MSM visiting STI clinics	Hilmarsdottir 2021	10/2018	01/2019	convenience	STI/GUM clinic	N/A	STI/GUM clinic	UR, PH, AR	NAAT	57	0.00	0.00-3.24	high

## Ireland

**Table A32. Country profile Ireland**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women, proxy other	Hassan 2016	07/2014	01/2015	convenience	cervical cancer screening	33.0	outpatient	genital	NR	236	2.40	0.53-4.55	high
Young women, proxy ANC	O'Higgins 2017	12/2011	12/2013	convenience	ANC	21.8 <sup>2</sup>	clinical	genital	NAAT	2 687	5.60	4.71-6.45	high
<b>NG</b>													
Women, proxy other	Hassan 2016	07/2014	01/2015	convenience	cervical cancer screening	33.0	outpatient	genital	NR	236	0.00	0.00-0.80	high

## Italy

**Table A33. Country profile Italy**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women, proxy ANC	Foschi 2016	01/2011	05/2014	convenience	routine gynaecological consultation and ANC	36.1 <sup>2</sup>	clinical	genital	NAAT	3 072	3.40	2.75-4.02	high
Women, proxy other	Camporiondo 2016	01/2013	12/2013	convenience	breast cancer screening	49.0	clinical	genital	NAAT	309	0.00	0.00-0.61	high
Women, proxy other	Seraceni 2016	01/2009	12/2014	convenience	cervical cancer screening	43.0 <sup>2</sup>	outpatient	genital	NAAT	921	0.00	0.00-0.20	high
Young women, proxy other	Panatto 2015	01/2010	06/2010	convenience	gynaecological routine check-ups	16-26 <sup>3</sup>	outpatient	genital	NAAT	566	5.80	3.90-7.76	high
Young women, proxy other	Matteelli 2016	11/2012	03/2013	convenience	students	18.4 <sup>2</sup>	community	urine	NAAT	1 297	1.90	1.18-2.68	high
Young women, proxy other	Bianchi 2016	12/2008	12/2012	targeted	HPV-vaccinated	18.8	trial	genital	NAAT	591	4.90	3.17-6.65	high
Young men, proxy other	Matteelli 2016	11/2012	03/2013	convenience	students	18.5 <sup>2</sup>	community	urine	NAAT	762	1.40	0.60-2.29	high
MSM PrEP	Nozza 2022	05/2017	05/2022	convenience	N/A	34.5	STI/GUM clinic	pooled (AR/UG/PH)	NAAT	624	10.30	7.88-12.64	medium
MSM "high risk"	Foschi 2018	01/2017	11/2017	convenience	N/A	NR	STI/GUM clinic	ano-rectal	NAAT	165	25.40	18.81-32.10	high
<b>NG</b>													
Women, proxy other	Camporiondo 2016	01/2013	12/2013	convenience	breast cancer screening	49.0	clinical	genital	NAAT	309	0.00	0.00-0.61	high

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
Young women, proxy other	Matteelli 2016	11/2012	03/2013	convenience	students	18.4 <sup>2</sup>	community	urine	NAAT	1 297	0.00	0.00-0.15	high
Young men, proxy other	Matteelli 2016	11/2012	03/2013	convenience	students	18.5 <sup>2</sup>	community	urine	NAAT	762	0.00	0.00-0.25	high
MSM, PrEP	Nozza 2022	05/2017	05/2022	convenience	N/A	34.5	STI/GUM clinic	pooled (AR/UG/PH)	NAAT/culture	624	5.20	3.40-6.86	medium
MSM, "high risk"	Foschi 2018	01/2017	11/2017	convenience	N/A	NR	STI/GUM clinic	ano-rectal	NAAT	165	27.20	20.48-34.07	high
<b>TV</b>													
Women, proxy other	Camporiondo 2016	01/2013	12/2013	convenience	breast cancer screening	49.0	clinical	genital	NAAT	309	1.30	0.03-2.55	high
Women, proxy other	Leli 2016	01/2015	10/2015	convenience	outpatient clinic	32.0	outpatient	genital	NAAT	1 487	1.30	0.71-1.85	high
<b>TP</b>													
Women, proxy ANC	Dalmartello 2019	NR/2007	NR/2014	convenience	ANC	32.0	clinical	blood	single	38 441	0.29	0.24-0.34	high
MSM, PrEP	Nozza 2022	05/2017	05/2022	convenience	N/A	34.5	STI/GUM clinic	blood	NR	624	4.60	3.00-6.30	high
MSM, "high risk"	Foschi 2018	01/2017	11/2017	convenience	N/A	NR	STI/GUM clinic	blood	dual	165	10.30	5.66-14.94	medium
Female sex workers	Marrone 2023	01/2020	12/2020	convenience	N/A	17-52 <sup>3</sup>	community	blood	dual	82	0.00	0.00-2.27	high

## Latvia

**Table A34. Country profile Latvia**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>TP</b>													
MSM other	Fernandez-Lopez 2022_LV	08/2018	11/2019	convenience	30.0	STI/GUM clinic	blood	none	single	150	6.70	2.67-10.66	high



# Netherlands

**Table A35. Country profile Netherlands**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women	Heijne 2019	11/2016	01/2017	probability	representative	18-34 <sup>2</sup>	register	urine or genital	NAAT	410	5.60	3.38-7.84	high
Women, proxy ANC	Op de Coul 2021	NR/2012	NR/2016	convenience	ANC	27.0	clinical	genital	NAAT	548	1.80	0.70-2.95	high
Men	Heijne 2019	11/2016	01/2017	probability	representative	18-34 <sup>2</sup>	register	urine	NAAT	140	1.10	0.00-3.39	high
Men, proxy other	Op de Coul 2021	NR/2012	NR/2016	convenience	partners of women in ANC	29.0	clinical	urine	NAAT	425	2.20	0.75-3.49	high
MSM visiting STI clinics	Druckler 2018	07/2016	12/2016	convenience	N/A	35.0	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	4 925	9.90	9.07-10.74	medium
MSM visiting STI clinics	Evers 2022	NR/2016	NR/2017	convenience	N/A	37.0	STI/GUM clinic	ano-rectal	NAAT	16 1275	8.00	7.87-8.13	medium
MSM visiting STI clinics	Achterbergh 2020	09/2017	12/2017	convenience	N/A	35.0	STI/GUM clinic	any-site (AR/UG/PH)	NAAT	4 460	9.70	8.84-10.58	medium
MSM visiting STI clinics	vanAar 2020	01/2017	12/2017	convenience	N/A	36.0	STI/GUM clinic	ano-rectal	NAAT	43 873	7.10	6.86-7.34	medium
Female sex workers	Druckler 2020_f	01/2014	12/2015	convenience	N/A	28.0	health centre	ano-rectal	NAAT	1 217	6.10	4.74-7.42	medium
Female sex workers	vanDulm 2020	01/2016	09/2016	convenience	N/A	28.0	community	genital	NAAT	1 213	4.10	3.00-5.24	medium
Male sex workers	Druckler 2020_m	01/2014	12/2015	convenience	N/A	28.0	health centre	urine	NAAT	84	6.00	0.89-11.01	medium
Transgender sex workers	Druckler 2020_t	01/2014	12/2015	convenience	N/A	39.0	health centre	ano-rectal	NAAT	15	13.30	0.00-30.54	medium
<b>NG</b>													
Women	Heijne 2019	11/2016	01/2017	probability	representative	18-34 <sup>2</sup>	register	urine or genital	NAAT	410	0.00	0.00-0.46	high
Women, proxy ANC	Op de Coul 2021	NR/2012	NR/2016	convenience	ANC	27.0	clinical	genital	NAAT	548	0.40	0.00-0.87	high
Men	Heijne 2019	11/2016	01/2017	probability	representative	18-34 <sup>2</sup>	register	urine	NAAT	140	0.00	0.00-1.34	high
Men, proxy other	Op de Coul 2021	NR/2012	NR/2016	convenience	partners of women in ANC	29.0	clinical	urine	NAAT	425	2.00	0.59-3.17	high
MSM visiting STI clinics	Druckler 2018	07/2016	12/2016	convenience	N/A	35.0	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	4 925	12.40	11.49-13.33	medium
MSM visiting STI clinics	Evers 2022	NR/2016	NR/2017	convenience	N/A	37.0	STI/GUM clinic	any-site	NAAT	161 275	10.80	10.65-10.95	medium
MSM visiting STI clinics	Achterbergh 2020	09/2017	12/2017	convenience	N/A	35.0	STI/GUM clinic	any-site (AR/UG/PH)	NAAT	4 465	11.90	10.94-12.84	medium
Female sex workers	Druckler 2020_f	01/2014	12/2015	convenience	N/A	28.0	health centre	rectal	NAAT	1 217	1.40	0.74-2.06	medium
Female sex workers	vanDulm 2020	01/2016	09/2016	convenience	N/A	28.0	community	genital	NAAT	1 213	0.30	0.01-0.65	medium
Male sex workers	Druckler 2020_m	01/2014	12/2015	convenience	N/A	28.0	health centre	rectal	NAAT	70	10.00	2.97-17.03	high

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
Transgender sex workers	Druckler 2020_t	01/2014	12/2015	convenience	N/A	39.0	health centre	rectal	NAAT	15	0.00	0.00-11.65	high
<b>TV</b>													
Women, proxy ANC	Op de Coul 2021	NR/2012	NR/2016	convenience	ANC	27.0	clinical	genital	NAAT	548	0.40	0.00-0.87	high
Men, proxy	Op de Coul 2021	NR/2012	NR/2016	convenience	partners of women in ANC	29.0	clinical	urine	NAAT	425	0.00	0.00-0.44	high
<b>TP</b>													
Women	Kayaert 2023	01/2021	12/2021		ANC	NR	NR	blood	NR	176 460	0.01	0.01-0.01	high
MSM visiting STI clinics	Druckler 2018	07/2016	12/2016	convenience	N/A	35.0	STI/GUM clinic	blood	single	4 925	3.00	2.53-3.48	high
MSM visiting STI clinics	Evers 2022	NR/2016	NR/2017	convenience	N/A	37.0	STI/GUM clinic	NR	NR	161 275	2.70	2.62-2.78	high
MSM visiting STI clinics	Achterbergh 2020	09/2017	12/2017	convenience	N/A	35.0	STI/GUM clinic	blood	NR	4 455	3.60	3.05-4.14	high
Female sex workers	Druckler 2020_f	01/2014	12/2015	convenience	N/A	28.0	health centre	blood	single	1 390	4.60	3.50-5.71	high
Female sex workers	vanDulm 2020	01/2016	09/2016	convenience	N/A	28.0	community	blood	dual	1 213	0.00	0.00-0.16	medium
Male sex workers	Druckler 2020_m	01/2014	12/2015	convenience	N/A	28.0	health centre	blood	single	84	15.00	7.74-23.21	high
Transgender sex workers	Druckler 2020_t	01/2014	12/2015	convenience	N/A	39.0	health centre	blood	single	15	53.30	28.09-78.58	high

## Poland

**Table A36. Country profile Poland**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women, proxy other	Frej-Madrzak 2018	NR	NR	convenience	routine gynaecological check-up	25.0	outpatient	genital	NAAT	100	4.00	0.16-7.84	high
Women, proxy other	Frej-Madrzak 2020	01/2016	NR/NR	convenience	routine gynaecological check-up	24.9 <sup>2</sup>	clinical	genital	NAAT	315	3.20	1.24-5.11	high
Women, proxy other	Korzeniewski 2019	10/2016	11/2016	convenience	military personnel	40.5 <sup>2,4</sup> 38.0 <sup>2,5</sup>	community	urine	NAAT	16	0.00	0.00-10.97	high
Men, proxy other	Korzeniewski 2019	10/2016	11/2016	convenience	military personnel	40.5 <sup>2,3,4</sup> 38.0 <sup>2,3,5</sup>	community	urine	NAAT	237	0.84	0.00-2.01	high
Young women	Czerwinski 2018	09/2012	06/2015	probability	representative	18.7 <sup>2,3</sup>	community	urine	NAAT	635	4.10	2.55-5.64	high
Young men	Czerwinski 2018	09/2012	06/2015	probability	representative	18.7 <sup>2,3</sup>	community	urine	NAAT	315	4.10	1.93-6.32	high

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
MSM "high risk"	Szetela 2023_hr	12/2019	12/2020	convenience	N/A	NR	STI/GUM clinic	any-site (AR/UG/PH)	NAAT	103	20.58	12.61-28.17	high
MSM other	Szetela 2023_lr <sup>6</sup>	12/2019	12/2020	convenience	N/A	NR	STI/GUM clinic	any-site (AR/UG/PH)	NAAT	64	7.93	1.24-14.39	high
<b>NG</b>													
MSM "high risk"	Szetela 2023_hr	12/2019	12/2020	convenience	N/A	NR	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	103	18.62	10.96-25.94	high
MSM other	Szetela 2023_lr <sup>6</sup>	12/2019	12/2020	convenience	N/A	NR	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	64	17.46	7.94-26.43	high
<b>TP</b>													
Women, proxy ANC	Radon-Pokracka 2017	12/2015	02/2016	convenience	ANC	NR	clinical	NR	NR	465	0.0	0.0-0.4	high
MSM "high risk"	Szetela 2023_hr	12/2019	12/2020	convenience	N/A	NR	STI/GUM clinic	blood	dual	103	7.8	2.6-12.9	high
MSM other	Szetela 2023_lr <sup>6</sup>	12/2019	12/2020	convenience	N/A	NR	STI/GUM clinic	blood	dual	64	3.1	0.0-7.4	high

## Portugal

**Table A37. Country profile Portugal**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Young women, proxy other	Silva 2013	NR	NR	convenience	students	18.0 <sup>2</sup>	community	genital	NAAT	432	6.90	4.55-9.34	high
MSM visiting STI clinics	Ribeiro 2019	01/2016	05/2018	convenience	N/A	31.0	STI/GUM clinic	any-site (AR/UG/PH)	NR	1 489	7.59	6.24-8.93	high
Female sex workers	Almeida 2020_f	09/2015	09/2016	convenience	N/A	36.2 <sup>2, 4</sup>	outreach	any-site (AR/UR/PH)	NAAT	74	2.70	0.00-6.40	high
Male sex workers	Almeida 2020_m	09/2015	09/2016	convenience	N/A	36.2 <sup>2, 4</sup>	outreach	any-site (AR/UR/PH)	NAAT	12	0.00	0.00-14.30	high
Transgender sex workers	Almeida 2020_t	09/2015	09/2016	convenience	N/A	36.2 <sup>2, 4</sup>	outreach	any-site (AR/UR/PH)	NAAT	14	0.00	0.00-12.42	high
<b>NG</b>													
Women, proxy other	Silva 2021	01/2010	12/2016	convenience	students	22.0 <sup>2</sup>	community	genital	NAAT	680	1.30	0.46-2.18	high
Young women, proxy other	Silva 2021	01/2010	12/2016	convenience	students	15-25 <sup>3</sup>	community	genital	NAAT	536	1.12	0.23-2.01	high
MSM visiting STI clinics	Ribeiro 2019	01/2016	05/2018	convenience	N/A	31.0	STI/GUM clinic	any-site (AR/UG/PH)	NAAT	1 489	10.75	9.17-12.32	high
Female sex workers	Almeida 2020_f	09/2015	09/2016	convenience	N/A	36.2 <sup>2, 4</sup>	outreach	any-site (AR/UR/PH)	NAAT	74	10.80	3.74-17.89	high
Male sex workers	Almeida 2020_m	09/2015	09/2016	convenience	N/A	36.2 <sup>2, 4</sup>	outreach	any-site (AR/UR/PH)	NAAT	12	0.00	0.00-14.30	high

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
Transgender sex workers	Almeida 2020_t	09/2015	09/2016	convenience	N/A	36.2 <sup>2, 4</sup>	outreach	any-site (AR/UR/PH)	NAAT	14	0.00	0.00-12.42	high
<b>TV</b>													
Women, proxy other	Silva 2021	01/2010	12/2016	convenience	students	22.0 <sup>2</sup>	community	genital	NAAT	680	1.00	0.27-1.79	high
Young women, proxy other	Silva 2021	01/2010	12/2016	convenience	students	15-25 <sup>3</sup>	community	genital	NAAT	536	0.19	0.00-0.55	high
<b>TP</b>													
Female sex workers	Almeida 2020_f	09/2015	09/2016	convenience	N/A	36.2 <sup>2, 4</sup>	outreach	blood	dual	74	1.40	0.00-3.98	high
Male sex workers	Almeida 2020_m	09/2015	09/2016	convenience	N/A	36.2 <sup>2, 4</sup>	outreach	blood	dual	12	8.30	0.00-23.97	high
Transgender sex workers	Almeida 2020_t	09/2015	09/2016	convenience	N/A	36.2 <sup>2, 4</sup>	outreach	blood	dual	14	21.40	0.00-42.92	high

## Romania

**Table A38. Country profile Romania**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>TP</b>													
Women, proxy ANC	Manolescu 2019	07/2017	09/2017	convenience	ANC	29.0 <sup>2, 4</sup> , 15-47 <sup>3</sup>	clinical	blood	dual	982	0.92	0.32-1.51	high

## Slovakia

**Table A39. Country profile Slovakia**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women	Babinská 2017	01/2011	12/2011	convenience	GP patients	33.5 <sup>2, 4</sup>	outpatient	urine	NAAT	172	2.90	0.40-5.42	high
Men	Babinská 2017	01/2011	12/2011	convenience	GP patients	33.5 <sup>2, 4</sup>	outpatient	urine	NAAT	167	2.40	0.08-4.71	high

# Slovenia

**Table A40. Country profile Slovenia**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women	Klavs 2022	10/2016	07/2017	probability	representative	18-49 <sup>2</sup>	register	urine	NAAT	635	1.60	0.61-2.54	low
Men	Klavs 2022	10/2016	07/2017	probability	representative	18-49 <sup>2</sup>	register	urine	NAAT	452	0.40	0.00-1.05	low
Young women	Klavs 2022	10/2016	07/2017	probability	representative	18-24 <sup>2</sup>	register	urine	NAAT	112	3.60	0.13-7.01	low
Young men	Klavs 2022	10/2016	07/2017	probability	representative	18-24 <sup>2</sup>	register	urine	NAAT	80	2.50	0.00-5.92	low
<b>NG</b>													
Women	Klavs 2022	10/2016	07/2017	probability	representative	18-49 <sup>2</sup>	register	urine	NAAT	593	0.00	0.00-0.32	low
Men	Klavs 2022	10/2016	07/2017	probability	representative	18-49 <sup>2</sup>	register	urine	NAAT	430	0.00	0.00-0.44	low
Young women	Klavs 2022	10/2016	07/2017	probability	representative	18-24 <sup>2</sup>	register	urine	NAAT	107	0.00	0.00-1.74	low
Young men	Klavs 2022	10/2016	07/2017	probability	representative	18-24 <sup>2</sup>	register	urine	NAAT	76	0.00	0.00-2.44	low
<b>TV</b>													
Women	Klavs 2022	10/2016	07/2017	probability	representative	18-49 <sup>2</sup>	register	urine	NAAT	593	0.20	0.00-0.50	medium
Men	Klavs 2022	10/2016	07/2017	probability	representative	18-49 <sup>2</sup>	register	urine	NAAT	430	0.00	0.00-0.44	medium
Young women	Klavs 2022	10/2016	07/2017	probability	representative	18-24 <sup>2</sup>	register	urine	NAAT	107	0.00	0.00-1.74	medium
Young men	Klavs 2022	10/2016	07/2017	probability	representative	18-24 <sup>2</sup>	register	urine	NAAT	76	0.00	0.00-2.44	high
<b>TP</b>													
MSM visiting STI clinics	Fernandez-Lopez 2022_SI	08/2018	11/2019	convenience	N/A	30.0	STI/GUM clinic	blood	NR	141	2.80	0.10-5.58	high

# Spain

**Table A41. Country profile Spain**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women, proxy ANC	Piñeiro 2016	01/2011	12/2014	convenience	ANC	33.0	clinical	urine	NAAT	11 687	1.00	0.82-1.18	high
Young women	Reyes-Lacalle 2022	01/2018	11/2019	convenience	representative	21.1 <sup>4</sup> 20.1 <sup>2</sup>	community	genital	NAAT	391	5.60	3.34-7.91	high
Young women	Espies 2023	09/2021	05/2022	convenience	representative	20.0 <sup>2,3</sup>	community	urine	NAAT	445	6.90	4.60-9.33	high
Young women, proxy ANC	Dorado Criado 2021	11/2018	06/2019	convenience	ANC	22.0	clinical	urine	NAAT	136	18.40	11.87-24.89	high
Young women, proxy ANC	Muñoz Santa 2022	01/2019	10/2020	convenience	ANC	< 25.0	NR	genital	NAAT	599	7.20	5.11-9.25	high
Young women, proxy ANC	Piñeiro 2016	01/2011	12/2014	convenience	ANC	< 25.0	clinical	urine	NAAT	596	6.40	4.41-8.34	high
Young women, proxy ANC	Lopez-Corbeto 2021	01/2016	06/2016	NR	ANC	< 25.0	clinical	urine	NAAT	81	9.80	3.38-16.37	high
Young women, proxy other	Yuguero 2021	12/2017	12/2018	convenience	emergency room	22.0 <sup>3</sup>	clinical	urine	NAAT	162	8.00	3.84-12.21	high
Young men	Reyes-Lacalle 2022	01/2018	11/2019	convenience	representative	21.1 <sup>3,4</sup> 20.1 <sup>2</sup>	community	urine	NAAT	232	5.20	2.32-8.02	high
Young men	Espies 2023	09/2021	05/2022	convenience	representative	20.0 <sup>2,3</sup>	community	urine	NAAT	166	1.20	0.00-2.86	high
Young men, proxy	Yuguero 2021	12/2017	12/2018	convenience	emergency room	22.0 <sup>4</sup>	clinical	urine	NAAT	136	6.60	2.44-10.80	high
MSM visiting STI clinics	Ayerdi Aguirrebengoa 2020	01/2016	12/2018	convenience	N/A	NR	STI/GUM clinic	any-site (AR/UG/PH)	NAAT	149	10.10	5.24-14.90	medium
MSM visiting STI clinics	Hoyos-Mallecot 2022	11/2016	11/2019	convenience	N/A	34.0	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	6 304	9.00	8.29-9.70	medium
MSM other	DeLaMora 2022 <sup>5</sup>	03/2018	05/2019	convenience	N/A	NR	STI/GUM clinic	any-site or pooled (AR/UR/PH)	NAAT	157	10.00	5.46-14.92	high
Male and transgender sex workers	Ferrer 2022	10/2017	12/2018	convenience	N/A	33.0 <sup>2</sup>	community	any-site (AR/UR/PH)	NAAT	147	10.30	5.31-15.10	high
<b>NG</b>													
Women, proxy ANC	Piñeiro 2016	01/2011	12/2014	convenience	ANC	33.0	clinical	urine	NAAT	11 687	0.00	0.00-0.02	high
Young women	Espies 2023	09/2021	05/2022	convenience	representative	20.0 <sup>2,3</sup>	community	urine	NAAT	445	0.45	0.00-1.07	high

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
Young women, proxy ANC	Lopez-Corbeto 2021	01/2016	06/2016	NR	ANC	< 25.0	clinical	urine	NAAT	81	3.70	0.00-7.82	high
Young women, proxy ANC	Muñoz Santa 2022	01/2019	10/2020	convenience	ANC	< 25.0	NR	genital	NAAT	599	2.80	1.51-4.17	high
Young women, proxy ANC	Piñeiro 2016	01/2011	12/2014	convenience	ANC	< 25.0	clinical	urine	NAAT	596	0.00	0.00-0.32	high
Young men	Espies 2023	09/2021	05/2022	convenience	representative	20.0 <sup>2,3</sup>	community	urine	NAAT	166	0.60	0.00-1.78	high
MSM visiting STI clinics	Ayerdi Aguirrebengoa 2020	01/2016	12/2018	convenience	N/A	NR	STI/GUM clinic	any-site (AR/UR/PH)	unclear	149	30.20	22.83-37.57	high
MSM visiting STI clinics	Hoyos-Mallecot 2022	11/2016	11/2019	convenience	N/A	34.0	STI/GUM clinic	any-site (AR/UR/PH)	NAAT	6 304	10.90	10.13-11.67	medium
MSM other	DeLaMora 2022 <sup>5</sup>	03/2018	05/2019	convenience	N/A	NR	STI/GUM clinic	any-site or pooled (AR/UR/PH)	NAAT	156	23.00	16.47-29.69	high
Male and transgender sex workers	Ferrer 2022	10/2017	12/2018	convenience	N/A	33.0	community	any-site (AR/UR/PH)	NAAT	147	19.20	12.70-25.40	high
<b>TV</b>													
Women, proxy other	Bolumburu 2020	01/2013	12/2017	convenience	medical centres and gynaecologists representative	38.8 <sup>2</sup>	clinical	genital	NAAT	23 173	0.80	0.68-0.91	high
Young women	Espies 2023	09/2021	05/2022	convenience	representative	20.0 <sup>2,3</sup>	community	urine	NAAT	445	0.22	0.00-0.66	high
Young women, proxy ANC	Dorado Criado 2021	11/2018	06/2019	convenience	ANC	22.0	clinical	urine	NAAT	136	3.60	0.51-6.84	high
Young women, proxy ANC	Munoz Santa 2022	01/2019	10/2020	convenience	ANC	< 25.0	NR	genital	NAAT	599	1.70	0.64-2.70	high
Young men	Espies 2023	09/2021	05/2022	convenience	representative	20.0 <sup>2,3</sup>	community	urine	NAAT	166	0.00	0.00-1.13	high
<b>TP</b>													
Women, proxy ANC	Piñeiro 2016	01/2011	12/2014	convenience	ANC	33.0	clinical	blood	dual	11 687	0.00	0.00-0.02	high
Young women, proxy ANC	Piñeiro 2016	01/2011	12/2014	convenience	ANC	< 25.0	clinical	blood	dual	596	0.00	0.00-0.32	high
MSM visiting STI clinics	Ayerdi Aguirrebengoa 2020	01/2016	12/2018	convenience	N/A	NR	STI/GUM clinic	NR	unclear	149	10.10	5.24-14.90	high
MSM other	Fernandez-Lopez 2022_ES	08/2018	11/2019	convenience	30.0	STI/GUM clinic	blood	none	single	103	2.90	0.00-6.16	
MSM visiting STI clinics	Hoyos-Mallecot 2022	11/2016	11/2019	convenience	N/A	34.0	STI/GUM clinic	blood	dual	6 256	3.60	3.14-4.06	medium

## Sweden

**Table A42. Country profile Sweden**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Mixed-gender, proxy	Grandahl 2020	12/2018	07/2019	convenience, internet-based	healthcare website users	27.3 <sup>2</sup>	healthcare website	genital	NR	1 516	5.30	4.20-6.40	high
<b>NG</b>													
Mixed-gender, proxy	Grandahl 2020	12/2018	07/2019	convenience, internet-based	healthcare website users	27.3 <sup>2</sup>	healthcare website	genital	NR	1 516	0.10	0.00-0.20	high

## Norway

**Table A43. Country profile Norway**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Young women, proxy other	Gravningen 2013	NR/2009	NR/NR	convenience	students	17.0 <sup>2</sup>	community	urine	NAAT	564	7.30	5.13-9.41	medium
Young men, proxy	Gravningen 2013	NR/2009	NR/NR	convenience	students	17.0 <sup>2</sup>	community	urine	NAAT	470	3.60	1.93-5.31	medium

## Switzerland

**Table A44. Country profile Switzerland**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
MSM PrEP	Hovaguimian 2022	04/2019	01/2020	convenience	N/A	40.0	STI/GUM clinic	pooled (AR/UG/PH)	NAAT	710	11.30	8.94-13.59	medium
MSM "high risk"	Schmidt 2020	01/2016	06/2017	convenience	N/A	33.0	STI/GUM clinic	pooled (AR/UG/PH)	NAAT	779	8.70	6.75-10.71	high
Female sex workers	Vernazza 2020	01/2016	06/2017	convenience	N/A	31.0	STI clinic	pooled (AR/UG/PH)	NAAT	490	6.30	4.17-8.48	medium
Female sex workers	Vu 2020	04/2015	12/2016	convenience	N/A	18-60 <sup>2</sup>	community	urine	NAAT	96	6.25	1.41-11.09	high
<b>NG</b>													
MSM visiting STI clinics	Bigler 2023	01/2017	12/2019	convenience	N/A	NR	STI/GUM clinic	pooled (AR/UG/PH)	NAAT	647	3.40	2.00-4.80	medium
MSM PrEP	Hovaguimian 2022	04/2019	01/2020	convenience	N/A	40.0	STI/GUM clinic	pooled (AR/UG/PH)	NAAT	710	9.60	7.41-11.74	medium



Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
MSM "high risk"	Schmidt 2020	01/2016	06/2017	convenience	N/A	33.0	STI/GUM clinic	pooled (AR/UG/PH)	NAAT	779	10.30	8.14-12.40	high
Female sex workers	Vernazza 2020	01/2016	06/2017	convenience	N/A	31.0	STI clinic	pooled (AR/UG/PH)	NAAT	490	4.90	2.99-6.81	medium
Female sex workers	Vu 2020	04/2015	12/2016	convenience	N/A	18-60 <sup>2</sup>	community	urine	NAAT	96	0.00	0.00-1.94	high
<b>TV</b>													
MSM "high risk"	Schmidt 2020	01/2016	06/2017	convenience	N/A	33.0	STI/GUM clinic	none	NAAT	779	3.20	1.97-4.45	high
Female sex workers	Vernazza 2020	01/2016	06/2017	convenience	N/A	31.0	STI clinic	pooled (AR/UG/PH)	NAAT	490	10.40	7.70-13.11	medium
<b>TP</b>													
MSM visiting STI clinics	Bigler 2023	01/2017	12/2019	convenience	N/A	NR	STI/GUM clinic	blood	dual	647	4.60	3.02-6.26	medium
MSM PrEP	Hovaguimian 2022	04/2019	01/2020	convenience	N/A	40.0	STI/GUM clinic	blood	dual	731	3.70	2.33-5.06	medium
MSM "high risk"	Schmidt 2020	01/2016	06/2017	convenience	N/A	33.0	STI/GUM clinic	blood	dual	779	1.70	0.77-2.57	high
Female	Vernazza 2020	01/2016	06/2017	convenience	N/A	31.0	STI clinic	blood	dual	490	1.20	0.25-2.20	medium
Female	Vu 2020	04/2015	12/2016	convenience	N/A	18-60 <sup>2</sup>	community	blood	dual	96	5.00	0.76-9.65	high

## Georgia

**Table A1. Country profile Georgia**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
MSM visiting STI clinics	Kevlishvili 2023	NR/2019	NR/2019	convenience	18-65 <sup>3</sup>	STI/GUM clinic	any-site or pooled (AR/UG)	none	IF+NAA T	1 698	15.70	13.99-17.46	medium
<b>NG</b>													
MSM visiting STI clinics	Kevlishvili 2023	NR/2019	NR/2019	convenience	18-65 <sup>3</sup>	STI/GUM clinic	any-site or pooled (AR/UG)	none	gram stain+NAAT	1 698	18.40	16.53-20.22	medium
<b>TP</b>													
MSM visiting STI clinics	Kevlishvili 2023	NR/2019	NR/2019	convenience	N/A	NR	STI/GUM clinic	blood	dual	1 698	25.30	23.26-27.39	medium

## North Macedonia

**Table A46. Country profile North Macedonia**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women, proxy other	Albig 2023	NR/2014	NR/2018	convenience	gynaecology and obstetrics department	NR	clinical	NR	NAAT	962	4.90	3.52-6.25	high
<b>NG</b>													
Women, proxy other	Albig 2023	NR/2014	NR/2018	convenience	gynaecology and obstetrics department	NR	clinical	NR	NAAT	962	0.20	0.00-0.50	high
<b>TV</b>													
Women, proxy other	Albig 2023	NR/2014	NR/2018	convenience	gynaecology and obstetrics department	NR	clinical	NR	NAAT	962	1.20	0.55-1.95	high

## Serbia

**Table A47. Country profile Serbia**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women, proxy other	Jadranin 2019	01/2016	06/2016	convenience	military personnel	30.9 <sup>2</sup>	community	genital	NAAT	50	14.00	4.38-23.62	medium
Men, proxy other	Jadranin 2019	01/2016	06/2016	convenience	military personnel	30.9 <sup>2</sup>	community	genital	NAAT	306	15.70	11.61-19.76	medium
PWID	Borovcanin 2019	07/2015	08/2015	convenience	N/A	19-63 <sup>3</sup>	clinical	blood	single	99	1.00	0.00-2.98	high

## Türkiye

**Table A48. Country profile Türkiye**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
MSM HIV	Taspinar Sen 2023	08/2018	02/2020	convenience	N/A	NR	STI/GUM clinic	urine	NAAT	106	0.94	0.00-2.78	high
<b>NG</b>													
MSM HIV	Taspinar Sen 2023	08/2018	02/2020	convenience	N/A	NR	STI/GUM clinic	urine	NAAT	106	0.94	0.00-2.78	high
<b>TV</b>													
MSM HIV	Taspinar Sen 2023	08/2018	02/2020	convenience	N/A	NR	STI/GUM clinic	urine	NAAT	106	0.94	0.00-2.78	high

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>TP</b>													
Women, proxy ANC	Ensari 2015	01/2014	06/2014	convenience	ANC	26.5 <sup>2</sup>	clinical	blood	dual	4 308	0.02	0.00-0.07	high
MSM HIV	Koksal 2020	03/2018	06/2018	convenience	N/A	NR	STI/GUM clinic	blood	dual	87	28.70	19.23-38.24	high
MSM HIV	Taspinar Sen 2023	08/2018	02/2020	convenience	N/A	NR	STI/GUM clinic	blood	unclear	106	24.53	16.34-32.72	high

## Ukraine

**Table A49. Country profile Ukraine**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>TP</b>													
MSM visiting STI clinics	Fernandez-Lopez 2022_UA	08/2018	11/2019	convenience	N/A	30.0	STI/GUM clinic	blood	single	450	9.80	7.03-12.52	high

## United Kingdom

**Table A50. Country profile United Kingdom**

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
<b>CT</b>													
Women	Sonnenberg 2013	09/2010	08/2012	probability	representative	16-44 <sup>2</sup>	register	urine	NAAT	2 665	1.50	1.04-1.96	low
Men	Sonnenberg 2013	09/2010	08/2012	probability	representative	16-44 <sup>2</sup>	register	urine	NAAT	1 885	1.10	0.64-1.59	low
Young women	Sonnenberg 2013	09/2010	08/2012	probability	representative	16-24 <sup>2</sup>	register	urine	NAAT	992	3.10	2.04-4.21	low
Young men	Sonnenberg 2013	09/2010	08/2012	probability	representative	16-24 <sup>2</sup>	register	urine	NAAT	840	2.30	1.26-3.27	low
Young women, proxy other	Oakeshott 2019	09/2016	10/2016	cluster	students	17.9 <sup>3</sup>	community	genital	NAAT	267	5.60	2.86-8.38	high
Young men, proxy	Oakeshott 2019	09/2016	10/2016	cluster	students	17.9 <sup>3</sup>	community	urine	NAAT	236	6.80	3.57-9.99	high
MSM visiting STI clinics	Charin 2023	12/2016	01/2020	convenience	N/A	27.0	online sexual health service	any-site (AR/UR/PH)	NAAT	5 051	5.90	5.25-6.55	high
MSM visiting STI clinics	Ogaz 2019	01/2017	12/2017	convenience	N/A	NR	STI/GUM clinic	any-site	NAAT	128 772	12.10	11.92-12.28	medium
Mixed-gender sex workers	Sultan 2021	NR	NR	convenience	N/A	NR	outreach	any-site	NAAT	23	82.60	67.12-98.10	high
<b>NG</b>													

Population	Author year	Sampling period start	Sampling period end	Sampling method	Population details	Age <sup>1</sup>	Setting	Specimen	Test method	No. tested	PE (%)	95%-CI	RoB
Women	Sonnenberg 2013	09/2010	08/2012	probability	representative	16-44 <sup>2</sup>	register	urine	NAAT	2 665	0.10	0.00-0.24	low
Men	Sonnenberg 2013	09/2010	08/2012	probability	representative	16-44 <sup>2</sup>	register	urine	NAAT	1 885	0.10	0.00-0.25	low
Young women	Sonnenberg 2013	09/2010	08/2012	probability	representative	16-24 <sup>2</sup>	register	urine	NAAT	992	0.10	0.00-0.30	low
Young men	Sonnenberg 2013	09/2010	08/2012	probability	representative	16-24 <sup>2</sup>	register	urine	NAAT	840	0.10	0.00-0.35	low
Young women, proxy other	Oakeshott 2019	09/2016	10/2016	cluster	students	17.9 <sup>3</sup>	community	urine	NAAT	267	0.00	0.00-0.70	high
Young men, proxy	Oakeshott 2019	09/2016	10/2016	cluster	students	17.9 <sup>3</sup>	community	urine	NAAT	236	1.30	0.00-2.70	high
MSM visiting STI clinics	Charin 2023	12/2016	01/2020	convenience	N/A	27.0	online sexual health service	any-site (AR/UR/PH)	NAAT	5 040	4.50	3.93-5.08	high
MSM visiting STI clinics	Ogaz 2019	01/2017	12/2017	convenience	N/A	NR	STI/GUM clinic	any-site	NAAT or culture	128 772	9.00	8.84-9.16	medium
Mixed-gender sex workers	Sultan 2021	NR	NR	convenience	N/A	NR	outreach	any-site	NAAT	23	69.60	50.76-88.37	high
<b>TP</b>													
MSM visiting STI clinics	Ogaz 2019	01/2017	12/2017	convenience	N/A	NR	STI/GUM clinic	blood	NR	128 772	2.70	2.61-2.79	high
Mixed-gender sex workers	Sultan 2021	NR	NR	convenience	N/A	NR	outreach	any-site	NAAT	23	26.10	8.14-44.03	high