

Table S1. Self-reported cervical screening participation, by year and age group — Polish women, 2004–2019

Year	Age group [years]	Self-reported cervical screening participation [%]						
		Never	Ever					
			Ever	< 1 year	≥ 1 and < 2 years	≥ 2 and < 3 years	< 3 years	≥ 3 years
2004	15–19	92.1	7.9	5.6	0.9	1.2	7.7	0.2
2004	20–29	35.8	64.2	31.5	12.1	9.7	53.4	10.8
2004	30–39	12.7	87.3	30.3	15.9	14.2	60.4	26.9
2004	40–49	14.7	85.3	25.0	13.7	12.7	51.4	33.9
2004	50–59	17.6	82.4	21.5	13.2	12.4	47.1	35.3
2004	60–69	30.1	69.9	10.3	7.0	8.3	25.7	44.2
2004	≥ 15	29.9	70.1	20.8	10.7	10.0	41.4	28.7
2009	15–19	88.9	11.1	7.4	3.4	0.3	11.1	0.0
2009	20–29	32.3	67.6	37.0	24.1	3.7	64.8	2.8
2009	30–39	8.4	91.6	42.3	32.4	7.1	81.8	9.8
2009	40–49	9.2	90.8	35.9	30.1	9.6	75.6	15.2
2009	50–59	11.2	88.8	32.5	27.0	10.6	70.1	18.8
2009	60–69	18.7	81.3	19.1	19.2	9.8	48.1	33.2
2009	≥ 15	23.3	76.7	28.5	22.6	7.3	58.4	18.3
2014	15–19	86.7	13.3	7.4	4.6	0.7	12.7	0.6
2014	20–29	25.2	74.8	41.2	22.0	6.0	69.2	5.6
2014	30–39	5.1	94.9	46.6	26.1	11.2	83.9	10.9
2014	40–49	4.7	95.3	37.8	26.4	13.5	77.7	17.6
2014	50–59	3.3	96.7	30.1	24.9	14.8	69.8	26.9
2014	60–69	7.7	92.3	20.6	20.1	14.7	55.4	37.0
2014	≥ 15	14.6	85.4	30.1	20.7	10.8	61.6	23.7
2019	15–19	88.8	11.2	9.5	0.0	1.7	11.2	0.1
2019	20–29	26.4	73.6	40.2	22.3	6.6	69.1	4.5
2019	30–39	4.5	95.5	46.4	29.2	10.5	86.1	9.3
2019	40–49	4.5	95.5	41.5	26.6	12.3	80.4	15.1
2019	50–59	4.2	95.8	31.2	25.2	14.5	70.9	24.9
2019	60–69	6.2	93.8	21.2	18.4	16.5	56.1	37.7
2019	≥ 15	13.3	86.7	30.4	20.7	11.5	62.6	24.1

Note: The data source for the calculations is Statistic Poland; however, it has been converted as outlined in the materials and methods section

Table S2. Self-reported cervical screening participation, by age group and level of education — Polish women, 2019

Age group [years]	Education	Self-reported cervical screening participation [%]						
		Never	Ever					
			Overall	< 1 year	≥ 1 and < 2 years	≥ 2 and < 3 years	< 3 years	≥ 3 years
Overall	ISCED 0–2	36.1	63.9	9.7	8.0	8.7	26.4	37.5
	ISCED 3–4	10.3	89.7	27.9	21.6	13.3	62.8	26.9
	ISCED 5–8	5.7	94.4	47.6	26.4	9.7	83.7	10.7
15–24	ISCED 0–2	87.2	12.9	10.2	0.9	1.8	12.9	0.0
	ISCED 3–4	46.4	53.6	25.9	16.8	8.3	51.0	2.6
	ISCED 5–8	40.4	59.5	39.3	14.9	3.1	57.3	2.2
25–34	ISCED 0–2	5.1	94.9	30.0	27.4	6.3	63.7	31.2
	ISCED 3–4	11.8	88.2	39.7	28.8	9.1	77.6	10.6
	ISCED 5–8	8.4	91.5	54.8	25.3	7.9	88.0	3.5
35–44	ISCED 0–2	2.6	97.4	18.3	31.9	22.0	72.2	25.2
	ISCED 3–4	5.5	94.5	39.0	27.6	11.9	78.5	16.0
	ISCED 5–8	1.7	98.3	50.5	30.8	10.1	91.4	6.9
45–54	ISCED 0–2	13.9	86.0	12.7	22.2	29.7	64.6	21.4
	ISCED 3–4	6.0	93.9	33.2	23.9	14.9	72.0	21.9
	ISCED 5–8	0.4	99.5	53.8	29.4	8.8	92.0	7.5
55–64	ISCED 0–2	15.8	84.3	14.0	13.4	9.4	36.8	47.5
	ISCED 3–4	4.5	95.6	24.0	22.4	16.5	62.9	32.7
	ISCED 5–8	0.1	99.9	36.4	33.1	12.4	81.9	18.0
65–74	ISCED 0–2	10.8	89.2	10.0	8.5	11.0	29.5	59.7
	ISCED 3–4	5.2	94.8	18.9	14.9	16.2	50.0	44.8
	ISCED 5–8	4.9	95.0	27.7	15.7	18.5	61.9	33.1
≥ 75	ISCED 0–2	22.2	77.7	4.1	5.4	8.3	17.8	59.9
	ISCED 3–4	15.1	84.9	3.6	9.0	9.7	22.3	62.6
	ISCED 5–8	5.7	94.2	7.4	6.3	11.5	25.2	69.0

International Standard Classification of Education (ISCED): 0 — early childhood education, 1 — primary education, 2 — lower secondary education, 3 — upper secondary education, 4 — post-secondary non-tertiary education, 5 — short-cycle tertiary education, 6 — bachelor's or equivalent, 7 — master's or equivalent, and 8 — doctorate or equivalent. The data source for the calculations is Statistic Poland; however, it has been converted as outlined in the materials and methods section

Table S3. Self-reported cervical screening participation, by age group and urbanization level of place of residence — Polish women, 2019

Age group [years]	Urbanization	Self-reported cervical screening participation [%]						
		Never	Ever					
			Overall	< 1 year	≥ 1 and < 2 years	≥ 2 and < 3 years	< 3 years	≥ 3 years
Overall	DEGURBA 1	10.5	89.4	34.9	21.1	10.7	66.7	22.7
	DEGURBA 2	12.1	88.0	30.4	20.4	12.0	62.8	25.2
	DEGURBA 3	16.4	83.6	26.5	20.6	11.9	59.0	24.6
15–24	DEGURBA 1	59.3	40.6	24.4	11.8	3.6	39.8	0.8
	DEGURBA 2	59.5	40.6	19.6	12.7	8.3	40.6	0.0
	DEGURBA 3	68.0	32.1	18.9	6.8	3.9	29.6	2.5
25–34	DEGURBA 1	9.9	90.1	51.7	24.3	8.3	84.3	5.8
	DEGURBA 2	9.0	91.1	49.8	27.5	9.2	86.5	4.6
	DEGURBA 3	9.9	90.1	43.7	28.7	7.8	80.2	9.9
35–44	DEGURBA 1	3.9	96.1	49.6	27.0	10.2	86.8	9.3
	DEGURBA 2	3.1	96.9	42.8	30.5	9.1	82.4	14.5
	DEGURBA 3	3.7	96.4	38.1	30.6	13.7	82.4	14.0
45–54	DEGURBA 1	1.5	98.5	44.7	23.4	13.7	81.8	16.7
	DEGURBA 2	5.8	94.1	39.7	21.8	16.0	77.5	16.6
	DEGURBA 3	7.2	92.8	31.6	28.5	13.4	73.5	19.3
55–64	DEGURBA 1	3.6	96.4	30.3	27.2	12.0	69.5	26.9
	DEGURBA 2	5.5	94.6	25.5	19.7	15.6	60.8	33.8
	DEGURBA 3	6.1	93.9	19.8	21.7	17.6	59.1	34.8
65–74	DEGURBA 1	4.9	95.1	21.3	17.3	15.0	53.6	41.5
	DEGURBA 2	5.8	94.2	19.1	13.6	15.8	48.5	45.7
	DEGURBA 3	8.8	91.2	13.6	9.2	15.2	38.0	53.2
≥75	DEGURBA 1	12.2	87.8	5.7	7.2	9.4	22.3	65.5
	DEGURBA 2	13.7	86.4	1.3	8.3	8.2	17.8	68.6
	DEGURBA 3	25.5	74.5	4.7	5.9	9.8	20.4	54.1

degree of urbanization classification (DEGURBA): 1 — cities, 2 — towns and suburbs, 3 — rural areas. The data source for the calculations is Statistic Poland; however, it has been converted as outlined in the materials and methods section

Table S4. Self-reported cervical screening participation, by voivodeship (highest level administrative region) — Polish women, 2019

Voivodeship	Self-reported cervical screening participation [%]						
	Never	Ever					
		Overall	< 1 year	≥ 1 and < 2 years	≥ 2 and < 3 years	< 3 years	≥ 3 years
Dolnoslaskie	13.6	86.4	33.3	17.3	11.0	61.6	24.9
Kujawsko-pomorskie	17.1	82.9	32.1	18.7	11.2	62.0	20.8
Lodzkie	14.0	86.0	29.6	19.5	10.1	59.2	26.8
Lubelskie	18.2	81.8	23.4	18.3	12.3	54.0	27.8
Lubuskie	9.3	90.7	37.8	22.7	8.7	69.2	21.5
Malopolskie	13.2	86.8	25.3	24.7	12.7	62.7	24.1
Mazowieckie	12.6	87.4	33.0	21.6	9.7	64.3	23.1
Opolskie	17.9	82.1	24.8	15.9	11.2	51.9	30.2
Podkarpackie	22.5	77.5	23.8	17.2	11.2	52.2	25.3
Podlaskie	14.0	86.0	25.3	20.3	14.5	60.1	25.8
Pomorskie	10.4	89.6	34.6	21.3	9.1	65.0	24.6
Slaskie	11.6	88.4	30.9	19.0	13.5	63.4	25.0
Swietokrzyskie	13.4	86.6	24.5	20.5	16.7	61.7	24.9
Warminsko-mazurskie	5.6	94.4	28.7	27.3	13.5	69.5	24.9
Wielkopolskie	12.1	87.9	37.5	21.3	11.2	70.0	18.0
Zachodniopomorskie	8.2	91.8	29.2	28.4	10.3	67.9	23.9
POLAND	13.3	86.7	30.4	20.7	11.5	62.6	24.1

The data source for the calculations is Statistic Poland; however, it has been converted as outlined in the materials and methods section