

RANKING SCALE

Denmark	97,4 %
Sweden	97,4 %
Finland	96,1 %
UK	95,8 %
Ireland	95,2 %
Netherlands	94,2 %
Iceland	93,9 %
Germany	93,4 %
Norway	93,1 %
Malta	92,9 %
Estonia	91,7 %
Belgium	90,5 %
Switzerland	89,6 %
Latvia	88,8 %
France	86,6 %
Czech Republic	86,5 %
Italy	85,2 %
Poland	84,4 %
Hungary	84,3 %
Croatia	84 %
Portugal	83,7 %
Austria	83,6 %
North Macedonia	80,7 %
Slovenia	80,7 %
Spain	78,1 %
Lithuania	73,9 %
Andorra	70,5 %
Cyprus	70,1 %
Serbia	67,4 %
Slovakia	66,4 %
Romania	65,7 %
Greece	65,5 %
Georgia	65 %
Armenia	64,4 %
Monaco	63,5 %
Luxembourg	61,8 %
Moldova	61,7 %
Bulgaria	60,9 %
Montenegro	60,5 %
San Marino	54,1 %
Albania	41,7 %
Russia	36,5 %
Türkiye	34,8 %
Ukraine	33,8 %
Belarus	30 %
Bosnia-Herzegovina	26,3 %
Azerbaijan	9,3 %
Kosovo	0 %



EXPERT GROUP

The below group of experts in HPV cancer supported EPF in designing the questions and structures for the HPV Prevention Policy Atlas.

Peter Baker, HPV Action Network Consultant, European Cancer Organisation

Dr. Murat Gultekin, Hacettepe University, Head of ESGO Prevention Committee and ENGAGE, Ankara, Türkiye

Professor Daniel Kelly, Co-Chair of the European Cancer Organisation's HPV Action Network

Menia Koukougiani, Co-founder of NGO KARKINAKI, Awareness for Childhood and Adolescent Cancer, Greece

Federica Marra, Communications Coordinator Think Young

Dr. Margaret Stanley, Emeritus Professor of Epithelial Biology, University of Cambridge

Cătălin Teniță, Member of the Romanian Parliament (Chamber of Deputies)

Project Coordinators: **Marina Davidashvili** and **Leonidas Galeridis**

INTERNATIONAL AND EUROPEAN GUIDELINES

WORLD HEALTH ORGANISATION

Global strategy to accelerate the elimination of cervical cancer as a public health problem

According to WHO, to eliminate cervical cancer, all countries must reach and maintain an incidence rate of below 4 per 100.000 women. Achieving that goal rests on three key pillars and their corresponding targets:

- **To fully vaccinate** 90% of girls with the HPV vaccine by the age of 15;
- **To ensure** that 70% of women are screened using a high-performance test by the age of 35, and again by the age of 45;
- **To ensure** that 90% of women with pre-cancer are treated and 90% of women with invasive cancer are managed.

Each country should meet the 90-70-90 targets by 2030 to get on the path to eliminate cervical cancer within the next century. Source: <https://www.who.int/publications/item/9789240014107>

EUROPEAN UNION

Europe's Beating Cancer Plan: A new EU approach to prevention, treatment and care

HPV-related cancers are one of the most preventable and treatable forms of cancer. Cervical cancer caused by HPV is the second most common cancer after breast cancer to affect women aged 15-44 years in the EU, but HPV can cause cancer in both women and men. Each year, there are around 33.000 cases of cervical cancer in the EU, and 15.000 deaths. Europe's Beating Cancer Plan is the EU's response to these challenges and a political commitment to leave no stone unturned to take action against cancer. In relation to HPV Prevention the Plan calls:

- **To vaccinate** at least 90% of the EU target population of girls and to significantly increase the vaccination of boys by 2030
- **To ensure** that 90% of the EU population who qualify for breast, cervical and colorectal cancer screenings are offered screening by 2025
- **To establish**, by 2025, an EU Network linking recognised National Comprehensive Cancer Centres in every Member State and to ensure that 90% of eligible patients have access to such centres by 2030.

Source: https://ec.europa.eu/commission/presscorner/detail/en/ip_21_342

MAIN FINDINGS

HPV Prevention Policies, including the implementation of gender-neutral vaccination, vary a lot across Europe. Yet there is overall progress across most of Europe. Out of 48 countries analyzed:

- 39 countries (81%)** offer a national routine program on vaccination;
- 30 countries (62%)** offer gender-neutral vaccination;
- 23 countries (47%)** have an HPV vaccine registry;
- 25 countries (52%)** offer easy-to-find governmental websites with good or excellent information.

HPV AWARENESS

		PRIMARY PREVENTION/HPV VACCINATION								SECONDARY PREVENTION/CERVICAL CANCER SCREENING					AVAILABILITY OF ONLINE INFORMATION									
Countries (in alphabetical order)	Ranking index of countries	GENERAL INFORMATION		ACCESS TO VACCINE		VACCINE DELIVERY		FINANCING		AVAILABILITY OF SCREENING PROGRAM	ACCESS TO SCREENING			FINANCING	WEBSITE		TYPE OF ONLINE INFORMATION			USER FRIENDLINESS	Countries (in alphabetical order)			
		National policy on HPV vaccination	Policy implementation of vaccination	Eligibility for the vaccine	Who can administer the vaccine	Availability of National HPV vaccine registry	HPV VCR for girls	HPV VCR for boys	Vaccine payment		Screening organization	Type of test provided (1)	Availability of self-sampling		Screening payment	Informational website on HPV	Website provider	On HPV	On cervical cancer and screening	On ways to access vaccines		Discoverability		
Albania	41.7%	11.2%	No recommendation	Nothing	Boys & girls	Doctors/Nurses	NO	N/A	N/A	N/A	91.5%	YES	Opportunistic screening	PAP and HPV	YES - for all	Free	35.8%	YES	Others (2)	Insufficient	Insufficient	Insufficient	Good	Albania
Andorra	70.5%	87.1%	Recommendation & funding	National routine programme	Girls	Doctors/Nurses	YES	>80%	N/A	Free	71.4%	YES	Opportunistic screening	PAP and HPV	NO	Mostly reimbursed	41.3%	YES	Government	Good	Good	Good	Insufficient	Andorra
Armenia	64.4%	71.3%	Recommendation & funding	National routine programme	Girls	Doctors/Nurses	NO	<30%	N/A	Free	77.7%	YES	Opportunistic screening	Only PAP	NO	Free	37.2%	YES	Government	Good	Insufficient	Insufficient	Insufficient	Armenia
Austria	83.6%	83.7%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	NO	50-80%	50-80%	Free	77.7%	YES	Opportunistic screening	Only PAP	NO	Free	90.1%	YES	Government	Excellent	N/A	Excellent	Excellent	Austria
Azerbaijan	9.3%	0	No recommendation	Nothing	Not any	N/A	NO	N/A	N/A	N/A	0	NO	N/A	None	NO	N/A	35.8%	YES	Others (2)	Insufficient	Insufficient	Insufficient	Good	Azerbaijan
Belarus	30%	0	No recommendation	Nothing	Not any	N/A	NO	N/A	N/A	N/A	79.2%	YES	Nascent organized population-based	Only PAP	NO	Free	24.1%	YES	Others (2)	Insufficient	Insufficient	Insufficient	Insufficient	Belarus
Belgium*	90.5%	92.2%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	50-80%	50-80%	Free	79.9%	YES	Mature organized population-based	PAP and HPV	NO	Mostly reimbursed	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	Belgium*
Bosnia-Herzegovina	26.3%	0	No recommendation	Nothing	Not any	N/A	NO	N/A	N/A	N/A	57%	YES	Opportunistic screening	PAP and HPV	NO	N/A	35.3%	YES	Government	Insufficient	Insufficient	Insufficient	Insufficient	Bosnia-Herzegovina
Bulgaria	60.9%	71.3%	Recommendation & funding	National routine programme	Girls	Doctors/Nurses	NO	<30%	N/A	Free	77.7%	YES	Opportunistic screening	Only PAP	NO	Free	24.1%	YES	Others (2)	Insufficient	Insufficient	Insufficient	Insufficient	Bulgaria
Croatia	84%	73%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	NO	N/A	N/A	Free	86.2%	YES	Mature organized population-based	Only PAP	NO	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	Croatia
Cyprus	70.1%	78.3%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	NO	50-80%	N/A	Free	77.7%	YES	Opportunistic screening	Only PAP	NO	Free	47.4%	YES	NGOs	Good	Good	Good	Good	Cyprus
Czech Republic	86.5%	79.2%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	NO	50-80%	<30%	Free	95.5%	YES	Mature organized population-based	PAP and HPV	NO	Free	88.3%	YES	NGOs	Excellent	Good	Excellent	Excellent	Czech Republic
Denmark	97.4%	95.1%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	>80%	50-80%	Free	98.6%	YES	Mature organized population-based	PAP and HPV	YES - partially	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	Denmark
Estonia	91.7%	84.2%	Recommendation & funding	National routine programme	Girls	Doctors/Nurses	YES	50-80%	N/A	Free	95.5%	YES	Mature organized population-based	PAP and HPV	NO	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	Estonia
Finland*	96.1%	92.2%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	50-80%	50-80%	Free	98.6%	YES	Mature organized population-based	PAP and HPV	YES - partially	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	Finland*
France	86.6%	70.5%	Recommendation & funding	National routine programme	Boys & girls	Pharmacists/Doctors/Nurses	YES	30-49%	N/A	Mostly reimbursed	98.6%	YES	Mature organized population-based	PAP and HPV	YES - partially	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	France
Georgia	65%	71.3%	Recommendation & funding	National routine programme	Girls	Doctors/Nurses	NO	<30%	N/A	Free	79.2%	YES	Nascent organized population-based	Only PAP	NO	Free	38.1%	YES	Others (2)	Insufficient	Good	Insufficient	Good	Georgia
Germany*	93.4%	84.9%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	30-49%	<30%	Free	100%	YES	Mature organized population-based	PAP and HPV	YES - for all	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	Germany*
Greece	65.5%	75%	Recommendation & funding	National routine programme	Boys & girls	Pharmacists/Doctors/Nurses	NO	N/A	N/A	Free	77.7%	YES	Opportunistic screening	Only PAP	NO	Free	35.3%	YES	Government	Insufficient	Insufficient	Insufficient	Insufficient	Greece
Hungary	84.3%	95.1	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	>80%	50-80%	Free	86.2%	YES	Mature organized population-based	Only PAP	NO	Free	64%	YES	Government	Excellent	Excellent	Good	Good	Hungary
Iceland	93.9%	89.2%	Recommendation & funding	National routine programme	Girls	Pharmacists/Doctors/Nurses	YES	>80%	N/A	Free	95.5%	YES	Mature organized population-based	PAP and HPV	NO	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	Iceland
Ireland	95.2%	92.2%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	50-80%	50-80%	Free	95.5%	YES	Mature organized population-based	PAP and HPV	NO	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	Ireland
Italy*	85.2%	87.7%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	50-80%	<30%	Free	95.5%	YES	Mature organized population-based	PAP and HPV	NO	Free	68.9%	YES	Government	Excellent	Excellent	Excellent	Good	Italy*
Latvia	88.8%	84%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	30-49%	N/A	Free	86.2%	YES	Mature organized population-based	Only PAP	NO	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	Latvia
Lithuania	73.9%	78.3%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	NO	50-80%	N/A	Free	95.5%	YES	Mature organized population-based	PAP and HPV	NO	Free	41.3%	YES	Government	Good	Good	Good	Insufficient	Lithuania
Luxembourg	61.8%	86.8%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	50-80%	N/A	Free	77.7%	NO	Opportunistic screening	Only PAP	NO	N/A	81.9%	YES	Government	Good	Insufficient	Good	Excellent	Luxembourg
Malta	92.9%	89.7%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	>80%	N/A	Free	95.5%	YES	Mature organized population-based	PAP and HPV	NO	Free	95.1%	YES	Government	Excellent	Excellent	Good	Excellent	Malta
Moldova	61.7%	73%	Recommendation & funding	National routine programme	Girls	Doctors/Nurses	NO	30-49%	N/A	Free	77.7%	YES	Opportunistic screening	Only PAP	NO	Free	24.1%	YES	Others (2)	Insufficient	Insufficient	Insufficient	Insufficient	Moldova
Monaco	63.5%	59.9%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	NO	30-49%	N/A	Mostly reimbursed	77.7%	YES	Opportunistic screening	Only PAP	NO	Free	53%	YES	Government	Good	Good	Good	Good	Monaco
Montenegro	60.5%	70.4%	Recommendation & funding	National routine programme	Girls	Doctors/Nurses	NO	N/A	N/A	Free	77.7%	YES	Opportunistic screening	Only PAP	NO	Free	24.1%	YES	Others (2)	Insufficient	Insufficient	Insufficient	Insufficient	Montenegro
Netherlands	94.2%	86.8%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	50-80%	N/A	Free	100%	YES	Mature organized population-based	PAP and HPV	YES - for all	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	Netherlands
North Macedonia	80.7%	71.3%	Recommendation & funding	National routine programme	Girls	Doctors/Nurses	NO	<30%	N/A	Free	77.7%	YES	Opportunistic screening	Only PAP	NO	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	North Macedonia
Norway	93.1%	98%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	>80%	>80%	Free	79.9%	YES	Mature organized population-based	PAP and HPV	NO	Mostly reimbursed	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	Norway
Poland	84.4%	73.9%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	NO	<30%	N/A	Free	86.2%	YES	Mature organized population-based	Only PAP	NO	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	Poland
Portugal	83.7%	94.2%	Recommendation & funding	National routine programme	Boys & girls	Pharmacists/Doctors/Nurses	YES	50-80%	50-80%	Free	98.6%	YES	Mature organized population-based	PAP and HPV	YES - partially	Free	48.9%	YES	Government	Good	Insufficient	Insufficient	Good	Portugal
Romania	65.7%	64.9%	Recommendation & funding	National routine programme	Girls	Doctors/Nurses	YES	N/A	N/A	Free	77.7%	YES	Nascent organized population-based	Only PAP	NO	Free	35.8%	YES	Others (2)	Good	Insufficient	Good	Insufficient	Romania
Russia	36.5%	15.8%	No recommendation	Pilot projects	Girls	Doctors/Nurses	NO	N/A	N/A	Mostly out of pocket	77.7%	YES	Opportunistic screening	Only PAP	NO	Free	24.1%	YES	Others (2)	Insufficient	Insufficient	Insufficient	Insufficient	Russia
San Marino	54.1%	41.9%	No recommendation	Pilot projects	Girls	Doctors/Nurses	NO	N/A	N/A	Free	86.2%	YES	Mature organized population-based	Only PAP	NO	Free	37.6%	YES	Government	Insufficient	Good	Insufficient	Insufficient	San Marino
Serbia	67.4%	73%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	NO	N/A	N/A	Free	77.7%	YES	Opportunistic screening	Only PAP	NO	Free	43.6%	YES	Government	Excellent	Good	Good	Insufficient	Serbia
Slovakia	66.4%	76.4%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	NO	30-49%	<30%	Free	88.5%	YES	Nascent organized population-based	PAP and HPV	NO	Free	24.1%	YES	Others (2)	Insufficient	Insufficient	Insufficient	Insufficient	Slovakia
Slovenia	80.7%	86.8%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	50-80%	N/A	Free	86.2%	YES	Mature organized population-based	Only PAP	NO	Free	64%	YES	Government	Excellent	Excellent	Good	Good	Slovenia
Spain*	78.1%	86.8%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	50-80%	N/A	Free	87%	YES	Opportunistic screening	PAP and HPV	NO	Free	53%	YES	Government	Good	Good	Good	Good	Spain*
Sweden	97.4%	95.1%	Recommendation & funding	National routine programme	Boys & girls	Doctors/Nurses	YES	>80%	50-80%	Free	98.6%	YES	Mature organized population-based	PAP and HPV	YES - partially	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	Sweden
Switzerland*	89.6%	91.4%	Recommendation & funding	National routine programme	Boys & girls	Pharmacists/Doctors/Nurses	YES	50-80%	30-49%	Free	77.7%	YES	Opportunistic screening	Only PAP	NO	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	Switzerland*
Türkiye	34.8%	0	No recommendation	Nothing	Not any	N/A	NO	N/A	N/A	N/A	95.5%	YES	Mature organized population-based	PAP and HPV	NO	Free	23.6%	NO	Government	Insufficient	Insufficient	Insufficient	Insufficient	Türkiye
Ukraine	33.8%	9.7%	Recommendation only	Nothing	Not any	N/A	NO	N/A	N/A	N/A	77.7%	YES	Opportunistic screening	Only PAP	NO	Free	24.1%	YES	Others (2)	Insufficient	Insufficient	Insufficient	Insufficient	Ukraine
United Kingdom	95.8%	91.4%	Recommendation & funding	National routine programme	Boys & girls	Pharmacists/Doctors/Nurses	YES	50-80%	30-49%	Free	98.6%	YES	Mature organized population-based	PAP and HPV	YES - partially	Free	100%	YES	Government	Excellent	Excellent	Excellent	Excellent	United Kingdom

(1) Ireland, UK, Netherlands, Portugal and Albania offer HPV test only. - (2) Clinic, women magazine, blogs, etc.

Data extracted as of June 2023. *Belgium, Finland, Germany, Italy, Spain and Switzerland have decentralised political systems and therefore circumstances may vary between regions. **Under UNSCR 1244/99

Who is behind the Atlas? This initiative was powered by the European Parliamentary Forum for Sexual and Reproductive Rights (EPF) and the European Cancer Organisation (ECO). EPF is solely responsible for the data collection and partnering with a group of experts in HPV cancer (see overleaf) who supported in designing the questions and structures. EPF benefitted from the financial support of MSD to undertake the independent research presented in the atlas.