

HPV PREVENTION POLICY ATLAS 2023

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 %
	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/i/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 47 countries analyzed:

- 39 countries (83%)** offer a national routine program on vaccination;
- 30 countries (64%)** offer gender-neutral vaccination;
- 23 countries (49%)** have an HPV vaccine registry;
- 25 countries (53%)** offer easy-to-find governmental websites with good or excellent information.

HPV PREVENTION POLICY ATLAS

2023

HPV AWARENESS																									
Countries (in alpha- betical order)		Ranking index of countries	PRIMARY PREVENTION/HPV VACCINATION								SECONDARY PREVENTION/CERVICAL CANCER SCREENING						AVAILABILITY OF ONLINE INFORMATION							Countries (in alpha- betical order)	
			GENERAL INFORMATION		ACCESS TO VACCINE		VACCINE DELIVERY		FINANCING		AVAILA- BILITY OF SCREENING PROGRAM	ACCESS TO SCREENING		FINANCING		WEBSITE		TYPE OF ONLINE INFORMATION			USER FRIENDLINESS				
			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	Infor- mational website on HPV	Website provider	On HPV	On cervical cancer and screening	On ways to access vaccines	Discover- ability				
	Albania	41,7%	11,2%	No recommendation	Nothing	Boys & girls	Doctors/Nurses	NO	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	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	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%	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	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	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%	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	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	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	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	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%	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%	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	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%	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	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	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%	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	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%	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	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%	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%	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	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	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	7,7%	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	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	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	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	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	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	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%	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	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%	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	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	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	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	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%	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	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	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 programmen	Boys & girls	Doctors/Nurses	YES	>80%	50-80%	98,6%	YES	Mature organized population-based	PAP and HPV	YES - partially	Free									

(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.