

EXPERT GROUP

The below group of experts in HPV cancers helped design the questions and structures for the Atlas:

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RANKING SCALE

United Arab Emirates	90,8 %
Bahrain	86,3 %
Qatar	86,0 %
Kuwait	82,8 %
Saudi Arabia	78,0 %
Morocco	72,2 %
Tunisia	71,0 %
Libya	53,0 %
Oman*	52,4 %
Egypt	46,0 %
Lebanon	38,7 %
Pakistan*	35,9 %
Syria	34,6 %
Iran	33,9 %
Iraq	20,3 %
Jordan	9,7 %
Djibouti	6,5 %
Sudan	6,5 %
Yemen	6,5 %
Afghanistan	6,5 %
Palestine**	5,2 %
Somalia	3,3 %
	0 %

INTERNATIONAL AND REGIONAL 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:

- 1. 90% HPV vaccination** coverage for girls by age 15
- 2. 70% screening coverage** for women by ages 35 and 45
- 3. 90% treatment** for cervical pre-cancer and their corresponding targets

THE WORLD HEALTH ORGANIZATION'S EASTERN MEDITERRANEAN REGIONAL OFFICE (WHO EMRO)

The regional strategy sets out the following five strategic actions for the Region:

- Strategic action 1:** To strengthen primary prevention by accelerating HPV vaccine introduction and improving coverage
- Strategic action 2:** To improve cervical cancer screening and pre-cancer treatment
- Strategic action 3:** To reduce the burden of suffering caused by cervical cancer by improving the availability of early diagnosis, treatment, rehabilitation and palliative care services
- Strategic action 4:** To strengthen health systems to ensure integrated, efficient and equitable delivery of high-quality services across the vaccination, screening and treatment pillars, and appropriate and effective monitoring and evaluation systems
- Strategic action 5:** To improve communication, advocacy and social mobilization to counter vaccine hesitancy, increase awareness of prevention and treatment, and improve acceptability of diagnosis.

MAIN FINDINGS

There is a high disparity among the countries in the region in terms of access to vaccine, screening and information.

Out of 22 countries and territories analysed:

- Only 8 have a **policy backed up with funding on HPV Vaccination**
- In 6 countries there is a **school routine immunisation** to deliver the vaccine
- 3 countries run a **vaccine registry** or a similar instrument to track vaccine coverage

- 4 countries provide a **gender neutral vaccination**
- 3 countries report **vaccination coverage rates for girls, none for boys (yet)**
- 7 countries provide vaccination **free of charge**
- 9 countries have a screening programme but **none** yet has a mature population based organisation of screening, which are the **only way** to reach the entire population and achieve results in saving women's lives
- 5 countries run **state run excellent websites** with information on HPV Prevention that are easily discoverable and easy to navigate

Countries that score more than 90 in the **Fragile State Index 2024**.
<https://fragilestatesindex.org/global-data/>













































** Occupied Palestinian territory - Including East Jerusalem. On 29 November 2012, the United Nations General Assembly passed Resolution 67/19, which accorded Palestine "non-member observer State status in the United Nations."

* Policies as announced by the government – projected score for 2025 second half.

HPV PREVENTION POLICY ATLAS

EASTERN MEDITERRANEAN

2025

HPV AWARENESS																												
		Ranking index of countries	PRIMARY PREVENTION/HPV VACCINATION									SECONDARY PREVENTION/CERVICAL CANCER SCREENING						AVAILABILITY OF ONLINE INFORMATION										
Countries (in alphabetical 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	Countries (in alphabetical order)				
			National policy on HPV vaccination	Policy implementation of vaccination	Availability of the vaccine	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	Availability of self-sampling	Actual participation rate in screening	Screening payment	State infor-mational web-site on HPV / campaigns	Website provider	On HPV	On cervical cancer and screening	On ways to access vaccines	Discoverability					
	Afghanistan	6,5	0	No recommendation	Nothing	N/A	Not any	N/A	NO	N/A	N/A	N/A	12,69	NO	Opportunistic screening	Only PAP	NO	<50%	N/A	7,48	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Insufficient	Insufficient	Insufficient	Insufficient	Afghanistan	
	Bahrain	86,3	78,34	Recommendation and funding	National routine programme on vaccination	School routine immunization	Boys and girls	Doctors/Nurses	NO	N/A	N/A	Free	84,69	YES	Opportunistic screening	Both PAP and HPV	NO	<50%	Free	100	YES	Governmental website	Excellent	Excellent	Excellent	Excellent	Bahrain	
	Djibouti	6,5	0	No recommendation	Nothing	N/A	Not any	N/A	NO	N/A	N/A	N/A	12,69	NO	Opportunistic screening	Only PAP	NO	<50%	N/A	7,48	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Insufficient	Insufficient	Insufficient	Insufficient	Djibouti	
	Egypt	46,0	27,84	Recommendation only	Pilot projects	Other	Girls	Doctors/Nurses	NO	N/A	N/A	Mostly out of pocket	42,69	NO	Opportunistic screening	Only PAP	NO	<50%	Free	76,94	YES	Others (blogs, clinic, women magazine, campaigns, etc)	Good	Good	Good	Excellent	Egypt	
	Iran	33,9	3,92	No recommendation	Nothing	N/A	Not any	N/A	NO	N/A	N/A	Mostly out of pocket	84,69	YES	Opportunistic screening	Both PAP and HPV	NO	<50%	Free	7,48	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Insufficient	Insufficient	Insufficient	Insufficient	Iran	
	Iraq	20,3	7,8	Recommendation only	Nothing	N/A	Not any	N/A	NO	N/A	N/A	N/A	42,69	NO	Opportunistic screening	Only PAP	NO	<50%	Free	7,48	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Insufficient	Insufficient	Insufficient	Insufficient	Iraq	
	Jordan	9,7	3,92	No recommendation	Nothing	N/A	Not any	N/A	NO	N/A	N/A	Mostly out of pocket	17,49	NO	Opportunistic screening	Only PAP	NO	<50%	Mostly out of pocket	7,48	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Insufficient	Insufficient	Insufficient	Insufficient	Jordan	
	Kuwait	82,8	72,02	Recommendation and funding	Pilot projects	Other	Boys and girls	Doctors/Nurses	NO	N/A	N/A	Free	81,69	YES	Opportunistic screening	Only PAP	NO	<50%	Free	100	YES	Governmental website	Excellent	Excellent	Excellent	Excellent	Kuwait	
	Lebanon	38,7	14,61	Recommendation only	Nothing	N/A	Not any	Doctors/Nurses	NO	N/A	N/A	Mostly out of pocket	81,69	YES	Opportunistic screening	Only PAP	NO	<50%	Free	14,32	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Insufficient	Good	Insufficient	Insufficient	Lebanon	
	Libya	53,0	92,3	Recommendation and funding	National routine programme on vaccination	School routine immunization	Girls	Doctors/Nurses	YES	50-80%	N/A	Free	15,69	NO	Opportunistic screening	Both PAP and HPV	NO	<50%	N/A	47,24	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Good	Good	Good	Good	Libya	
	Morocco	72,2	78,4	Recommendation and funding	National routine programme on vaccination	School routine immunization	Girls	Doctors/Nurses	NO	N/A	N/A	Free	83,68	YES	Nascent organized population-based	Only PAP	NO	<50%	Free	47,24	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Good	Good	Good	Good	Morocco	
	Oman*	52,4	78,34	Recommendation and funding	National routine programme on vaccination	School routine immunization	Boys and girls	N/A	NO	N/A	N/A	Free	37,24	NO	N/A	Only PAP	NO	<50%	Free	35,60	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Insufficient	Good	Insufficient	Good	Oman*	
	Pakistan*	35,9	77,32	Recommendation and funding	National routine programme on vaccination	Other	Girls	Doctors/Nurses	NO	N/A	N/A	Free	12,69	NO	Opportunistic screening	Only PAP	NO	<50%	N/A	7,48	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Insufficient	Insufficient	Insufficient	Insufficient	Pakistan*	
	Palestine**	5,2	0	No recommendation	Nothing	N/A	Not any	N/A	NO	N/A	N/A	N/A	8,97	NO	Opportunistic screening	Only PAP	NO	N/A	N/A	7,48	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Insufficient	Insufficient	Insufficient	Insufficient	Palestine**	
	Qatar	86	77,69	Recommendation and funding	National routine programme on vaccination	Other	GNV and catch up	Doctors/Nurses	NO	N/A	N/A	Free	84,69	YES	Opportunistic screening	Both PAP and HPV	NO	<50%	Free	100	YES	Governmental website	Excellent	Excellent	Excellent	Excellent	Qatar	
	Saudi Arabia	78,0	93,51	Recommendation and funding	National routine programme on vaccination	School routine immunization	Girls and catch up	Doctors/Nurses	YES	50-80%	N/A	Free	45,69	NO	Opportunistic screening	Both PAP and HPV	NO	<50%	Free	100	YES	Governmental website	Excellent	Excellent	Excellent	Excellent	Saudi Arabia	
	Somalia	3,3	0	No recommendation	Nothing	N/A	Not any	N/A	NO	N/A	N/A	N/A	3,72	NO	N/A	None	NO	<50%	N/A	7,48	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Insufficient	Insufficient	Insufficient	Insufficient	Somalia	
	Sudan	6,5	0	No recommendation	Nothing	N/A	Not any	N/A	NO	N/A	N/A	N/A	12,69	NO	Opportunistic screening	Only PAP	NO	<50%	N/A	7,48	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Insufficient	Insufficient	Insufficient	Insufficient	Sudan	
	Syria	34,6	3,92	No recommendation	Nothing	N/A	Not any	N/A	NO	N/A	N/A	Mostly out of pocket	81,69	YES	Opportunistic screening	Only PAP	NO	<50%	Free	14,32	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Insufficient	Good	Insufficient	Insufficient	Syria	
	Tunisia	71,0	78,40	Recommendation and funding	National routine programme on vaccination	School routine immunization	Girls	Doctors/Nurses	NO	N/A	N/A	Free	81,69	YES	Opportunistic screening	Only PAP	NO	<50%	Free	14,32	YES	Governmental website	Insufficient	Good	Good	Insufficient	Tunisia	
	United Arab Emirates	90,8	93,64	Recommendation and funding	National routine programme on vaccination	School routine immunization	Boys and girls	Doctors/Nurses	YES	>80%	N/A	Free	81,09	YES	Opportunistic screening	Both PAP and HPV	NO	<50%	Mostly reimbursed	100	YES	Governmental website	Excellent	Excellent	Excellent	Excellent	United Arab Emirates	
	Yemen	6,5	0	No recommendation	Nothing	N/A	Not any	N/A	NO	N/A	N/A	N/A	12,69	NO	Opportunistic screening	Only PAP	NO	<50%	N/A	7,48	NO	Others (blogs, clinic, women magazine, campaigns, etc)	Insufficient	Insufficient	Insufficient	Insufficient	Yemen	
	Perfect Score	100	100	Recommendation and funding	National routine programme on vaccination	School routine immunization	Girls and risk groups	Pharmacists/ Doctors/ Nurses	YES	>80%	>80%	Free	100	YES	Mature organized population-based	Both PAP and HPV	YES - For all	>70%	Free	100	YES	Governmental website	Excellent	Excellent	Excellent	Excellent	Perfect Score	

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