



HPV Vaccination Program

Cross-country learning and best practices.

Multi-Sectoral Engagement and Coordination Approaches for HPV Vaccine National Scale-up

Directorate of Immunization

Ministry of Health, Republic of Indonesia

OUTLINE

- ❖ **National Strategy to Scale-up of HPV vaccination**
- ❖ **Policy and Implementation of HPV Vaccination Program**
- ❖ **Multisectoral – mapping, capacity, collaboration, and action for the HPV vaccination program**
- ❖ **Conclusions**

Indonesia Context



Demographic

- 38 provinces, 514 districts, and 17,504 islands
- More than 270 million inhabitants with 1,340 ethnic groups

Income and social economics

- GNI per capita \$3,400 (2016), \$4,070 (2019), \$3,900 (2020) and \$4,870 (2023) – categorized Upper MICs¹
- Life expectancy at birth from 63 years in 1990 to 71.91 years in 2021²

Health systems

- Decentralization
- 10,292 primary health facilities³
- 148,758 elementary schools⁴ (MoE) and 10,130⁵ (MoRA) and school participation 99.1% (2023)⁶
- Multisectoral approaches

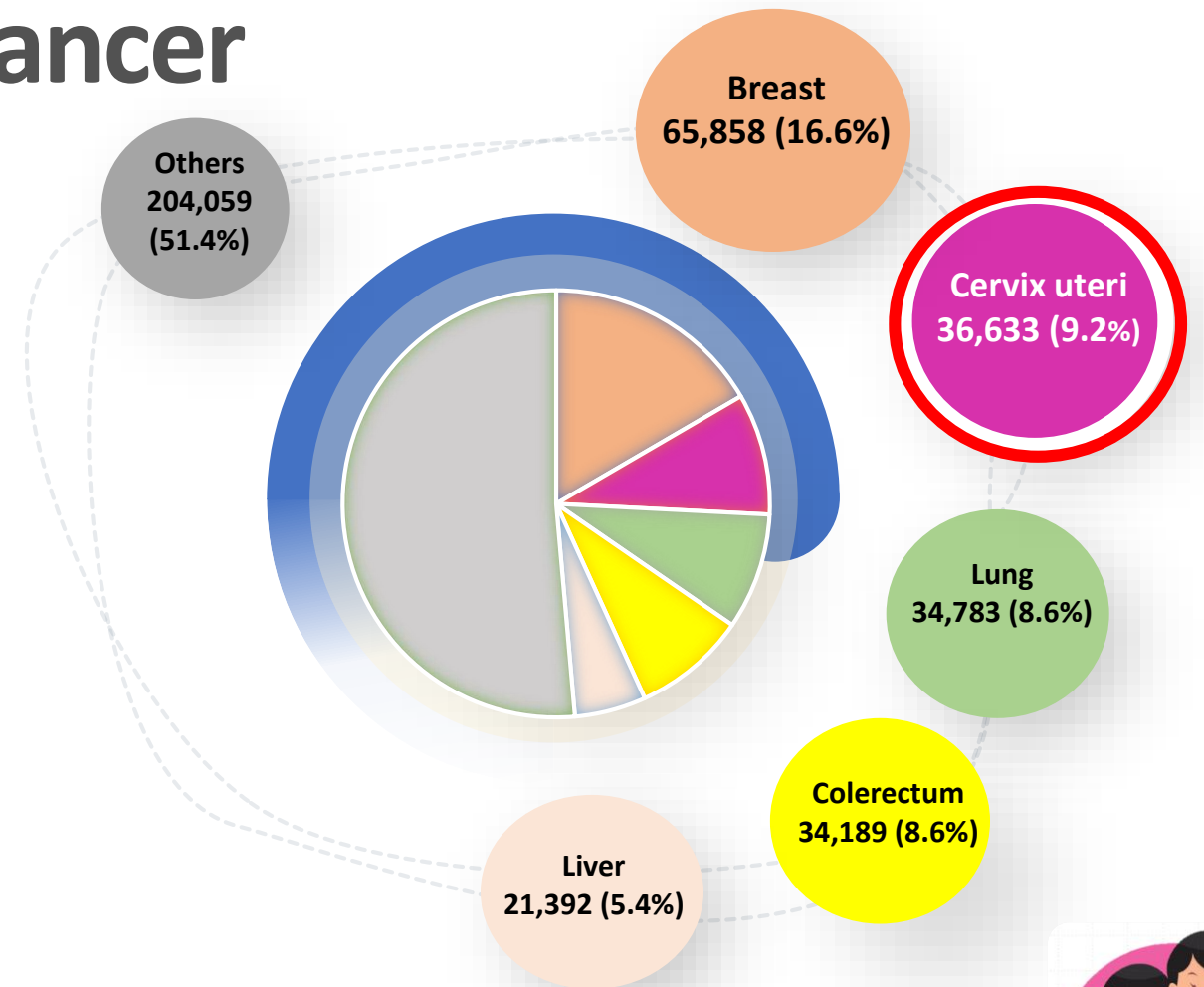
Source

1. <https://data.worldbank.org/indicator/NY.GNP.PCAP.CD?locations=ID>
2. <https://data.worldbank.org/indicator/SP.DYN.LE00.IN?locations=ID&display=graph>
3. <https://www.kemkes.go.id/id/dashboard-puskesmas>
4. <https://www.bps.go.id/id/statistics-table/3/VWtKTmFFbDZaSFJWWVhOYU16WmhaRzICYIM5Wlp6MDkjMw==/jumlah-sekolah-guru-dan-murid-sekolah-dasar--sd--di-bawah-kementerian-pendidikan--kebudayaan--riset--dan-teknologi-menurut-provinsi--2022.html?year=2023>
5. <https://www.bps.go.id/id/statistics-table/3/VUUXWVltazBUBl1VG5veWNIbFliek5uYmtGSVp6MDkjMw==/jumlah-sekolah-guru-dan-murid-madrasah-aliyah--ma--di-bawah-kementerian-agama-menurut-provinsi--2022.html?year=2023>
6. <https://www.bps.go.id/id/statistics-table/2/MzAxIzI=/angka-partisipasi-sekolah---a-p-s---.html>

Burden of Disease of Cancer

(Indonesia)

Cervical cancer ranks as the **2nd most frequent cancer** among women in Indonesia (15 – 44 years)



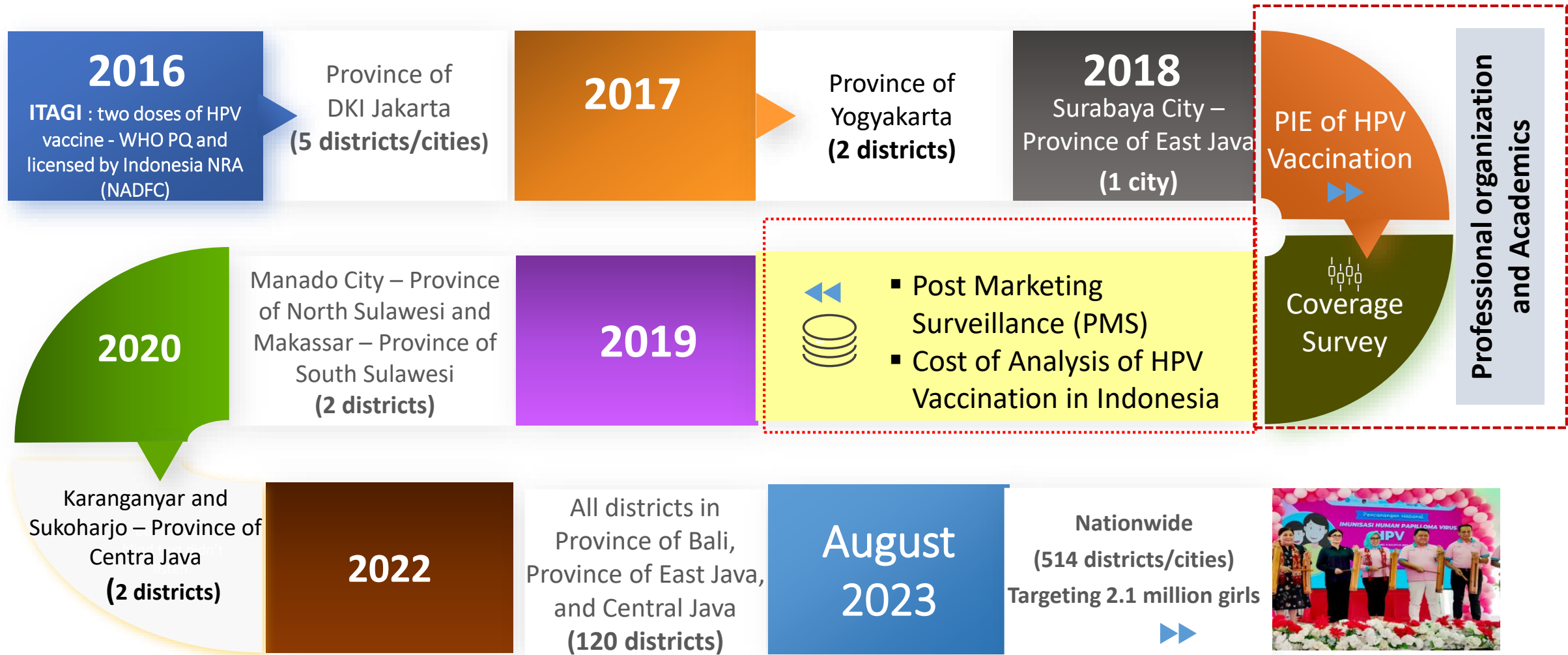
Source : WHO Fact sheet 2023 Indonesia HPV and related cancers

Source : Globocan 2020



Scale up of HPV Vaccine Introduction in Indonesia

The cMYP 2020 – 2024 and revised the cMYP 2022 - 2024



Policy and Implementation : HPV Vaccination Program

Every school girl and out-of-school girl as HPV immunization target has the right to receive two doses of HPV vaccine, which are beneficial in preventing cervical cancer – Free of Charge



The central government is responsible for procuring vaccines and local government – operational cost



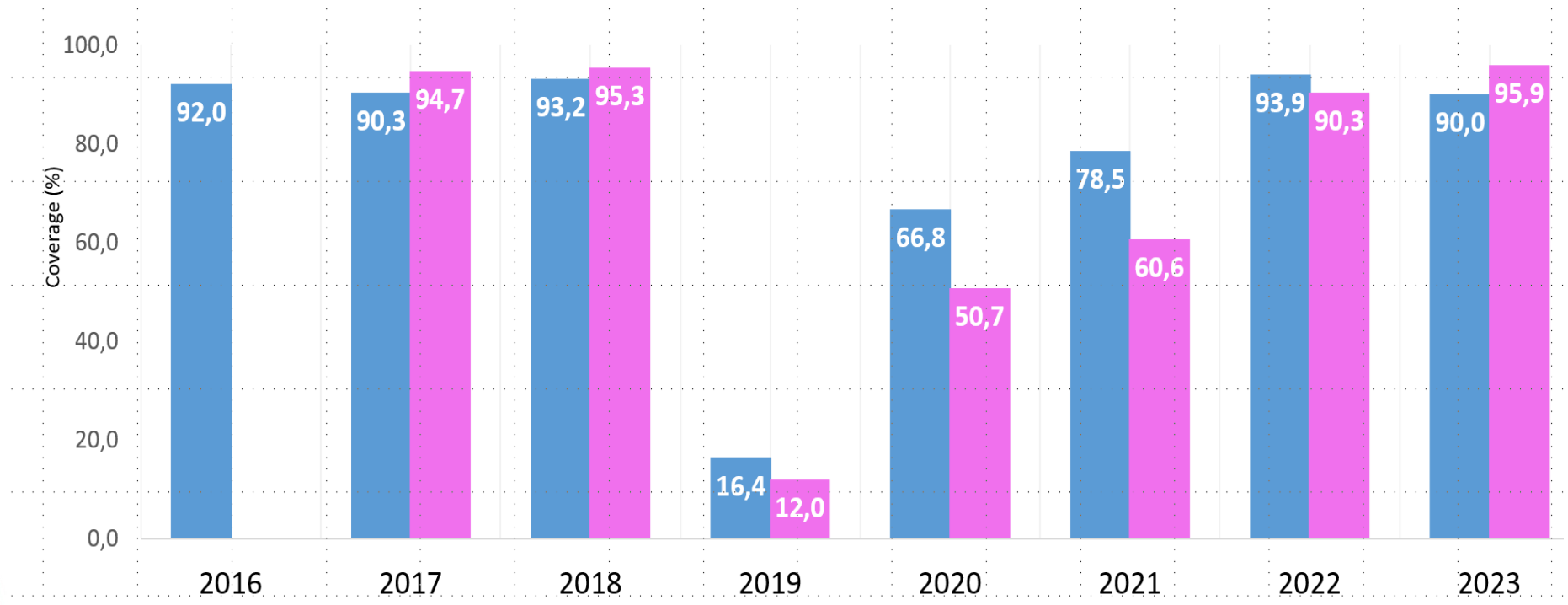
Integrated with school-based immunization program **(BIAS)**

**Target Coverage
90%**

Target		Vaccine	Month
School	Out-of-school		
Grade 1	7 years old	Measles-Rubella DT	August November
Grade 2	8 years old	Td	November
Grade 5	11 years old	Td HPV (first dose)*	November August
Grade 6	12 years old	HPV (second dose)*	August

*) Catch-up immunization HPV until November for school girls who missed the HPV vaccine on the day of immunization service

Coverage of HPV Vaccination 2016 - 2023



EPI Buletin, MoH Indonesia 2016 – 2022 and ASIK in 2023

Challenges

1 Infodemics

Hoax, negative issues,
halal – haram vaccine

2 Reaching the OOS girls

Limited information on the true
size of out-of-school (OOS)
population and its location

3 Vaccine Availability

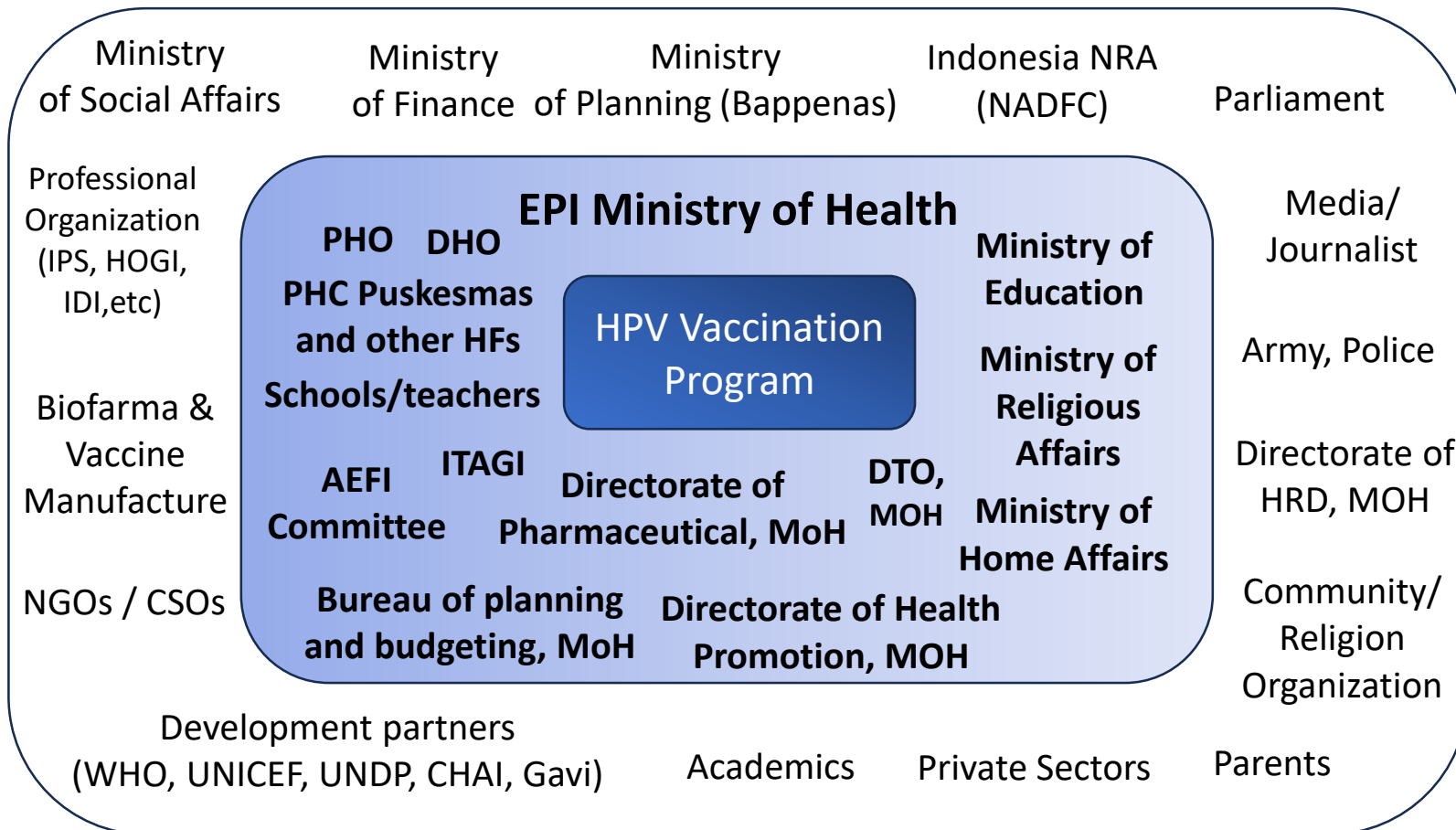
HPV Vaccine stock out and
high price

4 Reporting and recording

Transition from manual to
digital reporting and recording



Multisector Mapping in the National HPV Vaccination Program



28 inter/cross sectors , Forming a partnership of non-profit organizations , private organizations public organizations, and community members

In 2022 : Joint decree from four Ministers (MoH, MoE, MoRA, and MoHA) to support the implementation of HPV vaccination program



Strategy 1.1: Secure sufficient, affordable, and reliable HPV vaccines, Prioritizing the local procurement of high-quality products.

- Plan for and ensure an adequate budget for the Ministry of Health to procure HPV vaccines as part of the overall national cervical cancer elimination commitment.
- Tap into traditional and innovative financing mechanisms to increase funding for vaccine procurement.

Strategy 1.2: Increase the quality and coverage of vaccine delivery

- Ensure multi-stakeholder and inter-sectoral government commitments for the nationwide rollout and implementation of the HPV vaccination Program
- Ensure equity in the availability and accessibility of catch-up opportunities across provinces and for the most marginalized groups, including considerations for alternative community locations and providers.

Strategy 1.3: Improve efficiency of vaccine delivery

- Annually review local and international scientific evidence on HPV vaccine effectiveness.
- Use local data from immunization registries and other monitoring platforms to identify regional or population coverage gaps, as well as manage inventory and stock-outs to ensure access for eligible populations.

Multisector Action and Coordination

Integrated Planning and Implementation

Ministry of Education and Ministry of Religious Affairs, Pharmacy Unit, Nat.Vaccine Manufacture and NRA



Using health promotion efforts at school (UKS) and school committees to facilitate collaboration between health and education sectors (158,888 schools for 2,1 million girls)



Coordination with pharmacy unit, Indonesia NRA and national vaccine manufacture to support the availability of HPV vaccination

Resource Optimization

Ministry of Health, and Ministry of Education, DTO, partners



Training HWs and education officials in delivering the HPV vaccine (6,900 health workers and 282,900 personnel schools)



Training multi sectors to support the implementation of HPV vaccination program



Included HPV vaccination – electronic reporting and recording (ASIK, and SMILE) and survey

Communication Strategies

Directorate of Health Promotion, professional organization, private sectors and media



Develop IEC material and campaign, a comprehensive communication strategy – awareness of HPV vaccination (e.g. social media and WA reminder for HPV vaccination)



Established channels to address the misinformation quickly to maintain trust community (WA chatbot)

What they did to support the HPV vaccination program?

Multisector engagement

Address the complex challenges to improve vaccination coverage and reduce inequalities and inequities for HPV vaccination



Cegah Kanker Serviks (Kanker Leher Rahim)
Sejak Dini Dengan Dua Dosis Imunisasi HPV



direktorat_imunisasi
perlu takut!! ...
Liked by narayana and 31 others
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KOMITMEN DAERAH
SIAP ELIMINASI KANKER LEHER RAHIM

LINDUNGI ANAK PEREMPUAN ANDA DARI KANKER SERVIKS

Kanker Serviks disebabkan oleh Human Papilloma Virus (HPV)



PASTIKAN ANAK PEREMPUAN ANDA MENDAPAT DUA DOSIS IMUNISASI HPV SEBELUM LULUS SD/MI ATAU SEDERAJAT

5 dan 6

Imunisasi HPV diberikan pada siswa kelas 5 (dosis pertama) dan kelas 6 (dosis kedua) SD/MI atau sederajat baik negeri maupun swasta melalui kegiatan BULAN IMUNISASI ANAK SEKOLAH (BIAS)

Dua dosis imunisasi HPV untuk melindungi anak anda terhadap kanker serviks pada usia subur

CEGAH KANKER SERVIKS DENGAN IMUNISASI HPV



Kelas Jurnalis
Obrolan Asik Seputar Isu Kesehatan

Perluas Cakupan, Perkuat Kesadaran: Bersama Capai Generasi Bebas Kanker Serviks
Jakarta, November 2022



Workshop bagi Petugas Pelaksana dalam Rangka Program Imunisasi HPV

3,6K views 1y ago ...more



Customer Gathering Bio Farma DKI Jakarta

Vaccinate to Elevate
Strengthening our Team, Safeguarding our Future

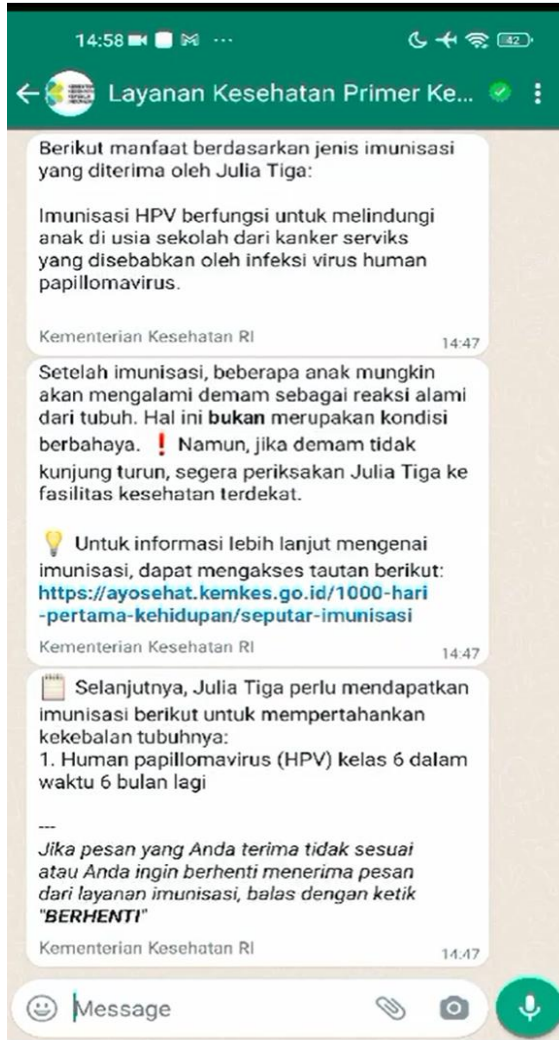


Vaksin HPV

Kit Deteksi HPV DNA

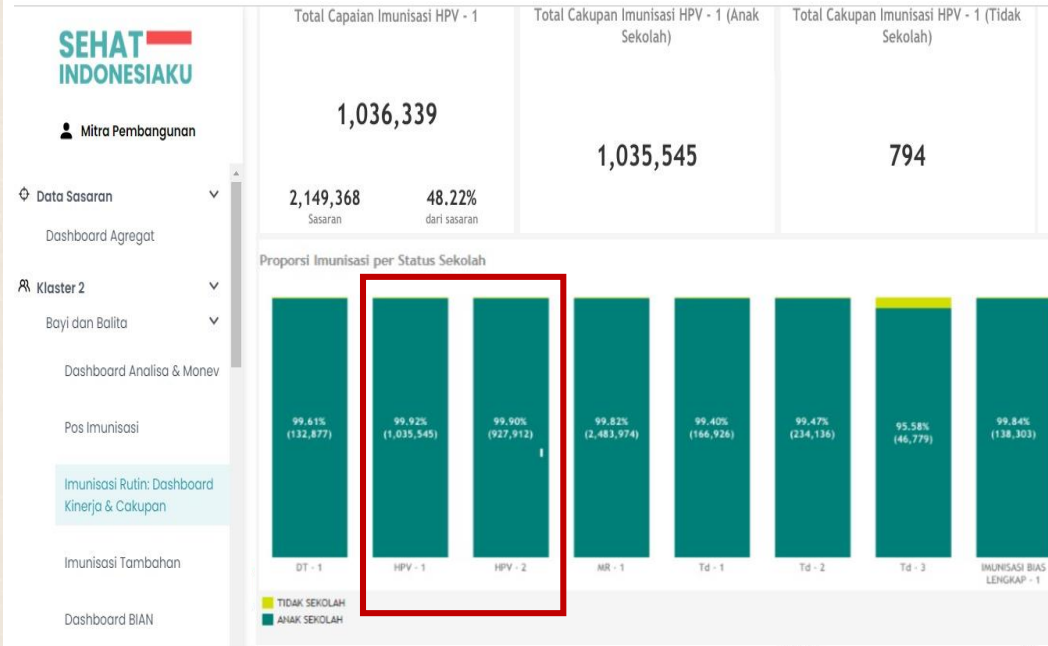
IEC campaign through various channels, raise national and subnational commitment, workshop for HWs and education officer, launching domestic product (Nusagrad), workshop with media journalis and published in 121 articles

Digitalization to support HPV vaccination services

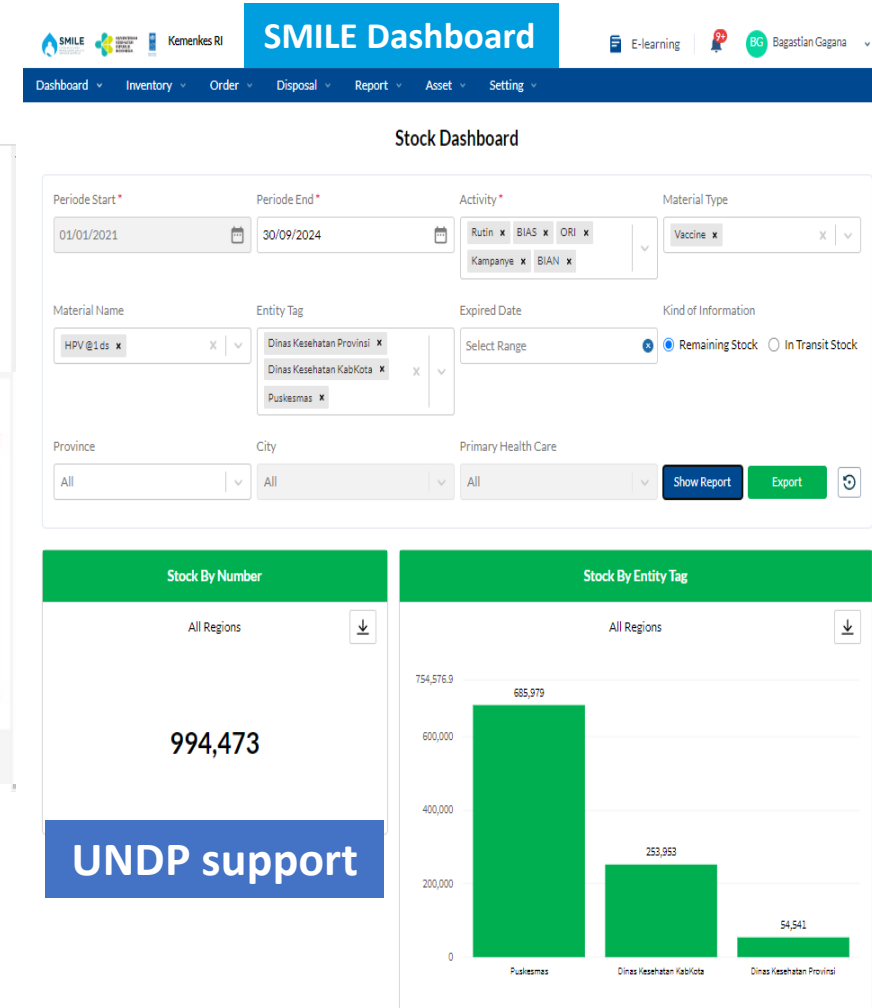


What apps reminder

ASIK Dashboard



Timely recording HPV vaccination rate Aplikasi Sehat Indonesia-Ku (ASIK) and develop dashboard



Record HPV vaccine stock through SMILE

Digital Transformation Office (DTO)



Conclusion

- **Joint Ministerial Decree by MoH, MoE, MoRa, and MoHA provides a strong framework for implementing the HPV vaccination program nationwide**
- **Collaboration with cross sectors to disseminate evidence-based messaging about the benefit of HPV vaccination can increase public awareness and acceptance**



Thank you