

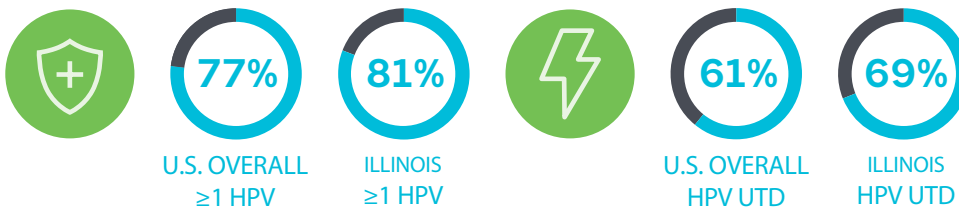


A PATH TO PREVENTION: →

State Profile: Illinois

On-time HPV vaccination protects best. HPV vaccination is routinely recommended at **age 11 or 12 years and may be started at age 9**. HPV vaccination is recommended for everyone ages 9-26. It's not too late to catch up on HPV vaccination. People ages 27-45 are also strongly encouraged to talk with a health care provider to see if HPV vaccination is right for them.

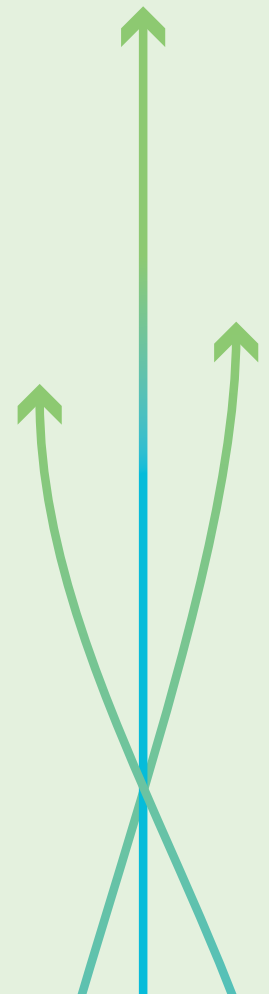
HPV VACCINATION RATES FOR 13-17 YEAR-OLDS AS OF 2023:



Illinois has increased HPV vaccination coverage of **≥1 dose by 17% and up-to-date (UTD) by 15% since 2016**. Coverage in Illinois is **higher than the U.S. average** but still falls below the Healthy People 2030 goal of 80% UTD. Compared to meningitis and whooping cough (Tdap) vaccines routinely recommended for adolescents, HPV vaccination coverage lags. Illinois vaccination rates **among 13-17-year-olds were 93% for meningitis vaccine and 93% for Tdap vaccine in 2023**.

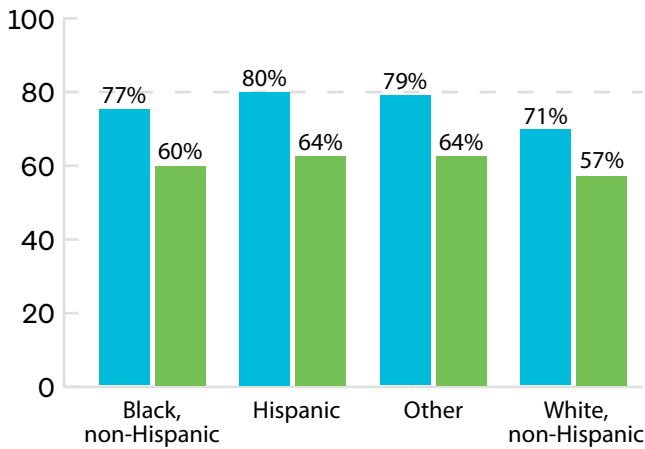


HPV vaccination protects against more than 90% of HPV cancers.

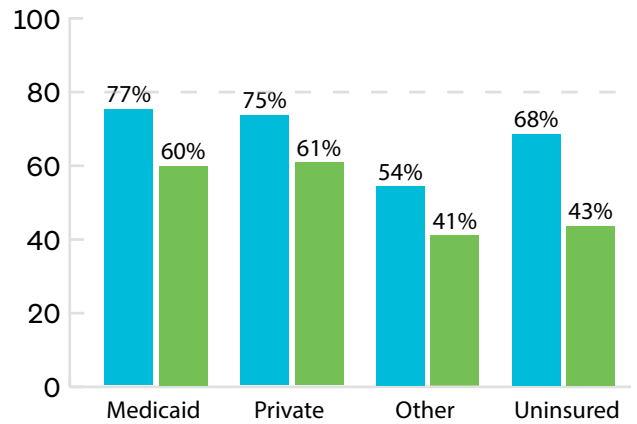


HPV VACCINATION RATES FOR 13-17 YEAR-OLDS AS OF 2022:

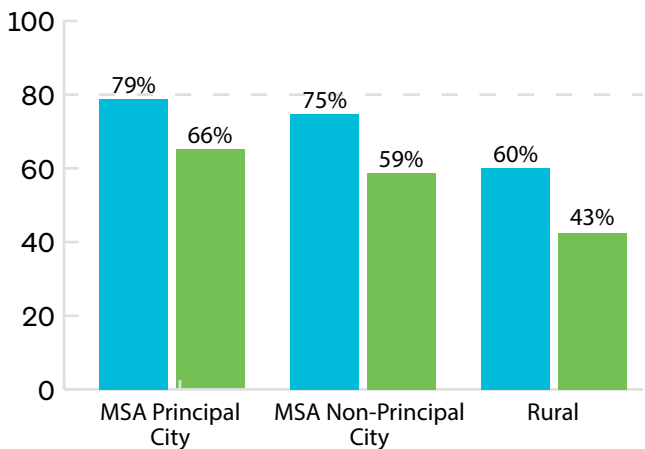
HPV Vaccination by Race/Ethnicity



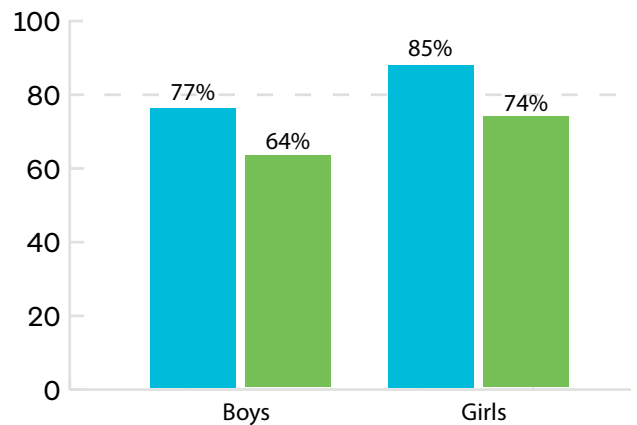
HPV Vaccination by Insurance Coverage



HPV Vaccination by Urbanicity



HPV Vaccination by Sex



----- Healthy People 2030 ■ ≥1 HPV Vaccination ■ HPV Vaccination Up-to-date

HPV vaccination data sources: CDC NIS-TEEN, 2023 accessed in TeenVax View, 2024

Demographic data for 2018-2022 are the most recently available.

HPV CANCERS:

HPV is a common virus linked to six types of cancer. The two most common HPV-associated cancers are oropharyngeal and cervical cancers. **Incidence rates of HPV cancers overall and oropharyngeal cancer are higher in Illinois than the U.S. averages. Incidence rates of cervical cancer are slightly lower in Illinois compared to the U.S. averages.**

New Cases

	All HPV Cancers	Oropharyngeal Cancer	Cervical Cancer
United States Overall	12.5	5.2	7.1
Illinois Overall	12.6	5.5	6.8
United States	Male: 11.2, Female: 13.9	Male: 9.1, Female: 1.6	Illinois ranks in the Top 27 nationally for cervical cancer incidence rates.
Illinois	Male: 12.1, Female: 13.3	Male: 9.9, Female: 1.6	

Incidence rates shown are cases per 100,000 persons.

ACTION STEPS:

Identify and engage key partners in HPV vaccination to develop, implement, and evaluate priority evidence-based interventions to increase HPV vaccination coverage in clinical, community and policy settings in Illinois:

- Encourage starting HPV vaccination at age 9 to increase series completion by age 13.
- Disseminate best practices to health systems and providers including motivational interviewing techniques, making effective presumptive recommendations, educating parents about adolescent vaccinations earlier, and administering the HPV vaccine at every opportunity or appointment.
- Support providers and office staff to efficiently use systems, staff, workflow and electronic health record prompts to cue due or overdue vaccinations.
- Support providers to implement standing orders for streamlined vaccination procedures and to reduce administrative burden.
- Encourage providers to monitor vaccine series initiation and completion, schedule follow-up appointments for the next dose before patients leave the clinic, and use phone email, and text message communications to remind parents when it is time for the next vaccine dose.
- Identify strategies to improve HPV vaccination coverage for adolescents living in rural areas.
- Explore opportunities to implement school-based strategies to improve HPV vaccination coverage.

Pingali C, Yankey D, Elam-Evans LD, Markowitz LE, Valier MR, Fredua B, Crowe SJ, DeSisto CL, Stokley S, Singleton JA. Vaccination Coverage Among Adolescents Aged 13-17 Years - National Immunization Survey-Teen, United States, 2023. MMWR Morb Mortal Wkly Rep. 2024 Aug 25;72(34):912-919. doi: 10.15585/mmwr.mm7234a3. PMID:37616185; PMCID: PMC10468222.

U.S. Cancer Statistics Working Group. U.S. Cancer Statistics Data Visualizations Tool, based on 2022 submission data (1999-2020): U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; <https://www.cdc.gov/cancer/dataviz>, released in June 2024.

American Cancer Society & Illinois Department of Public Health. (2023). Illinois' Action Plan to Eliminate Vaccine-Preventable Cancers. Illinois Chapter American Academy of Pediatrics.

Illinois Department of Public Health. (2022). 2022-2027 Illinois Comprehensive Cancer Control Plan. Illinois Department of Public Health.