

# Local Impact of the Memphis and Shelby County HPV Cancer Prevention Roundtable on Vaccination Rates

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## BACKGROUND

- ❖ The Memphis and Shelby County HPV Cancer Prevention Roundtable (Memphis Roundtable) was established in 2021 to increase HPV vaccination coverage in Memphis and Shelby County, Tennessee, which at the time ranked 94<sup>th</sup> out of 95 counties in the state.
- ❖ The Memphis Roundtable grew out of concern for increased diagnoses of preventable cervical cancers by a local oncologist.
- ❖ Currently, the Memphis Roundtable comprises 130+ members from more than 34 healthcare and community organizations with a shared goal of boosting HPV vaccination rates in Memphis and Shelby County, Tennessee.

*The Memphis Roundtable operates on the principle that collective power is more effective in driving change than individual actions.*

## METHODS

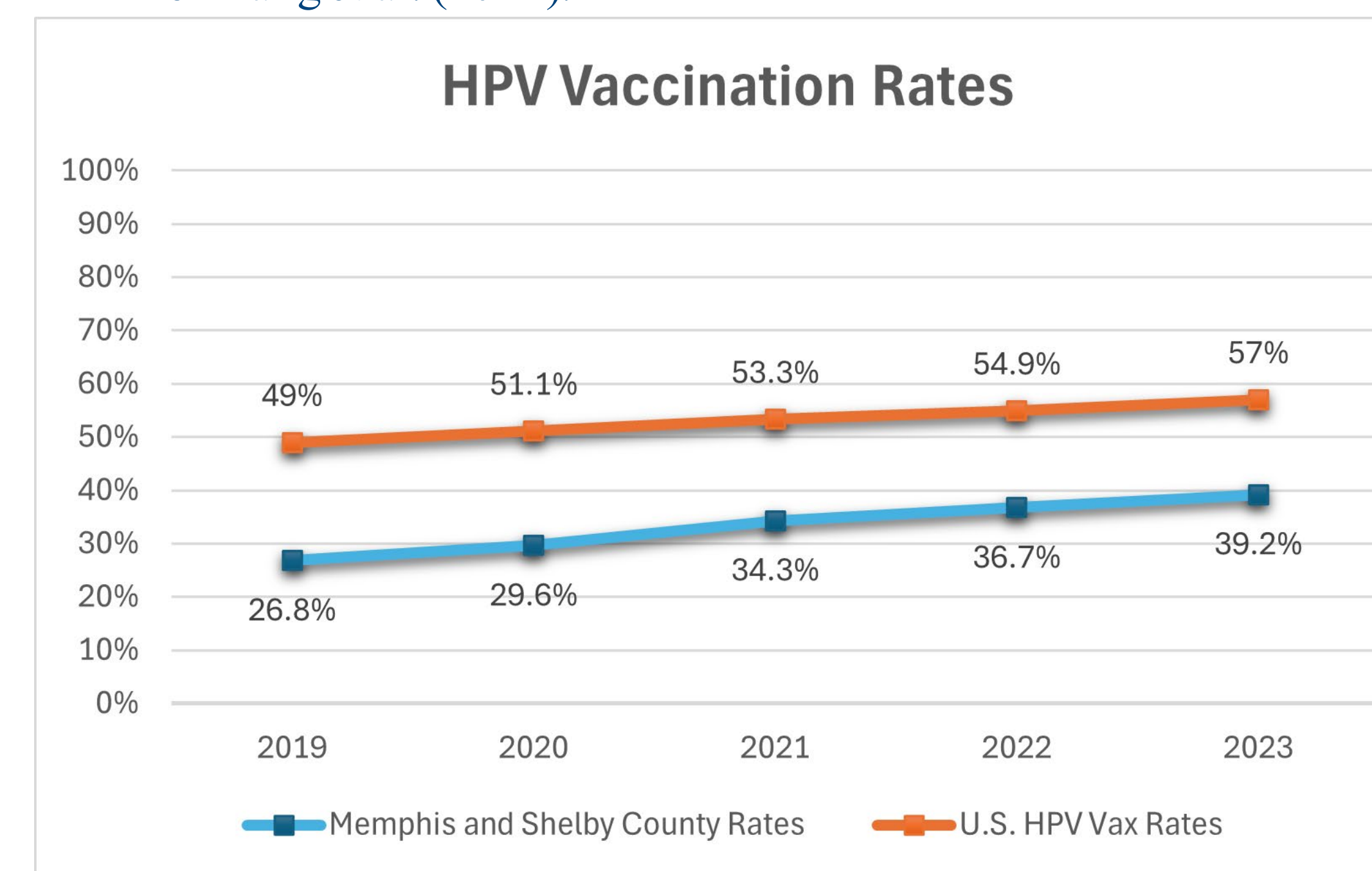
- ❖ Bringing together partners engaged in HPV cancer prevention fosters a collaborative process in which all voices contribute to identifying actionable opportunities to enhance vaccination coverage. St. Jude provides backbone support.
- ❖ Members receive resources to build local capacity, including guidance from national HPV vaccination subject matter experts and guidance on implementing best practices.
- ❖ This framework unites partners, leveraging their collective expertise and resources to drive measurable progress in HPV vaccination rates guided by priority actions.
- ❖ Members engage through annual and mid-year meetings, quarterly virtual seminars, periodic training programs, and community tabling events.



Learn more about the Memphis Roundtable at [stjude.org/Memphis-roundtable](http://stjude.org/Memphis-roundtable)

## RESULTS

- ❖ Over the past five years, HPV vaccination rates ( $\geq 1$  dose) in Shelby County have shown consistent growth, increasing by 12.9% between 2019 and 2023, based on Tennessee Immunization Information System (TennIIS) data.
  - HPV vaccination coverage in Shelby County surpassed the Tennessee state average in late 2022
  - Rates continued to ascend through 2023, peaking at 39.2%, compared to the state average of 36.5%
- ❖ Shelby County has also outpaced national averages in its rate of increase.
  - From 2019 to 2022, Shelby County saw a 10.3% increase whereas Tennessee and the United States experienced 6.0% and 4.5% increase, respectively.
  - Shelby County's HPV vaccination rates have continued to climb despite a national decline during this same time period, based on Kang et al. (2024).



## CONCLUSION

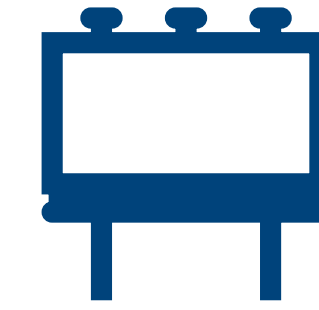
- ❖ While more evaluation efforts are needed, the upward trend of HPV vaccination rates in Shelby County, despite a national decline, offers promising evidence of the Memphis Roundtable's impact on HPV vaccination coverage.
- ❖ Priority actions identified by membership will continue to guide programming.
- ❖ The 4th Annual Memphis and Shelby County HPV Cancer Prevention Roundtable Meeting, titled 'HPV Vaccination in Full Bloom,' will be held on September 24 at the Memphis Botanic Garden.



# Memphis and Shelby County HPV Cancer Prevention Roundtable 2024 Priorities



## Engagement and Membership



## Communication



## Data



## Provider Education

	Engagement and Membership	Communication	Data	Provider Education
OBJECTIVE	Increase Roundtable membership from 123 as of December 2023 to 150 by December 2024.	Develop and distribute communications to at least 300 health care providers and professionals in Memphis and Shelby County by December 2024.	Increase HPV vaccination rates in Memphis and Shelby County from 36% to 40% by December 2024.	Provide HPV vaccination education to at least 300 health care providers and professionals in Memphis and Shelby County.
STRATEGY	<ul style="list-style-type: none"> <li>Regular meetings of Roundtable leadership</li> <li>Annual and mid-year meetings</li> <li>Targeted outreach for member recruitment</li> </ul>	<ul style="list-style-type: none"> <li>Regular communication with Roundtable members and health care providers</li> </ul>	<ul style="list-style-type: none"> <li>Gather and communicate HPV-related data for Memphis and Shelby County to Roundtable members</li> </ul>	<ul style="list-style-type: none"> <li>Educational and training programs for health care providers</li> </ul>

