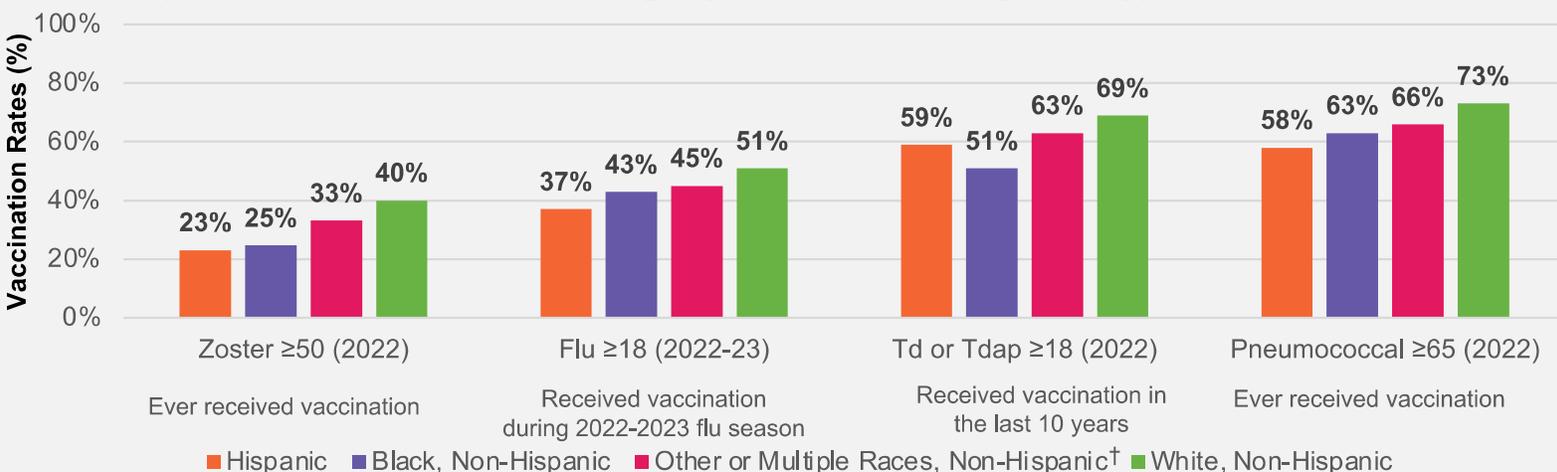


# The Adult Immunization Status (AIS) Measure and Its Importance to Health Systems

Comparative US Vaccination Coverage by Race and Ethnicity for 4 Typical Adult Vaccines<sup>1-3\*</sup>



\*Adult vaccination coverage data derived from a variety of sources, including the National Health Information Survey (NHIS), the Behavioral Risk Factor Surveillance System (BRFSS), the Pregnancy Risk Assessment Monitoring System (PRAMS), the Minimum Data Set (MDS), and Internet panel surveys.  
<sup>†</sup>Other or Multiple Races, Non-Hispanic category includes persons identifying as Asian, American Indian and Alaska Native, Native Hawaiian or other Pacific Islander, other races, or multiple races.  
 Flu=Influenza; Td=Tetanus and Diphtheria; Tdap=Tetanus, Diphtheria, and Acellular Pertussis.

**336 million**

Projected cases of VPD over a 30-year period in adults ≥50 years old<sup>4\*†</sup>



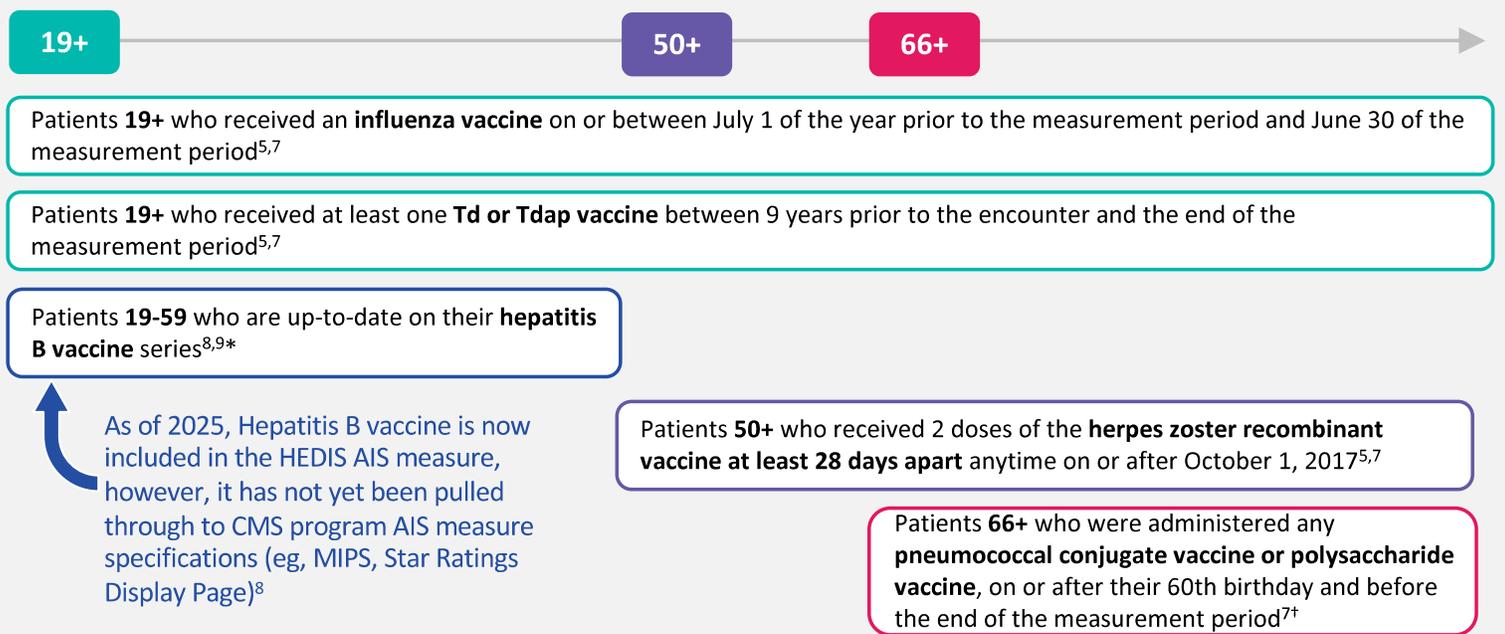
**\$653 billion**

Projected undiscounted direct cost cumulative over a 30-year period<sup>4\*</sup>  
 Cost in 2018 dollars



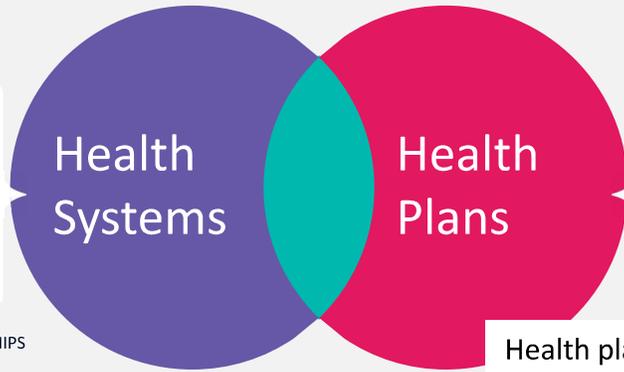
\*A population-based, burden-of-disease model beginning in 2018 that accounted for the impact of population aging (in adults ≥50 years old) to explore the projected burden of influenza, pertussis, herpes zoster, and pneumococcal disease in the United States over a time horizon of up to 30 years.  
<sup>†</sup>The model predicted approximately 270 million cases of influenza, 8 million cases of pertussis, 33 million cases of herpes zoster, and 25 million cases of pneumococcal disease.  
 VPD=Vaccine-Preventable Diseases

## The NCQA AIS Measure Includes 5\* ACIP-Recommended Adult Vaccinations<sup>5</sup> and Could Help You Take Steps to Improve Immunization Rates<sup>6</sup>



\*Beginning in 2025, HEDIS AIS measure specifications include hepatitis B; Changes to CMS measure specifications typically occur after they are made in HEDIS.<sup>8</sup>  
<sup>†</sup>Technical specifications are illustrative, and exact specifications should be confirmed through NCQA.  
 ACIP=Advisory Committee on Immunization Practices; AIS=Adult Immunization Status; NCQA=National Committee for Quality Assurance; MIPS=Merit-based Incentive Payment System;  
 Td=Tetanus and Diphtheria; Tdap=Tetanus, Diphtheria, and Acellular Pertussis.

# The Integration of AIS Across Multiple Key Healthcare Quality Programs Underscores Its Importance



AIS is currently available for selection via **MIPS<sup>10</sup>** and **MVP<sup>11</sup>**; ACOs will report AIS through **MSSP by 2028<sup>12</sup>**

AIS is included in **HEDIS** and is required via **Medicare Part C & Part D Plan Star Ratings Program Display Page<sup>13</sup>**

MIPS=Merit-based Incentive Payment System; MVP= MIPS Value Pathways; ACO=Accountable Care Organization; MSSP=Medicare Shared Savings Program; HEDIS=Healthcare Effectiveness Data and Information Set

Health plans often pass on accountability for quality requirements to provider networks

## Reporting AIS to MIPS/MVP May Benefit Your Health System

### Improve Population Health<sup>14</sup>

Prioritizing immunization rate improvements can **lower instances of VPD**, promoting better health for patients and decreasing burden (eg, hospitalizations) on the health system

### Understand Vaccination Rates<sup>15</sup>

Understanding vaccination rates helps to identify **disparities and gaps**

### Streamline Reporting<sup>16</sup>

The inclusion of immunization measures across CMS programs will allow for the comparison of **performance across different patient groups**, provide indicators for care enhancements, and lessen the burden of reporting

## What's next?

Select AIS to Report to MIPS or MVP

- Evaluate the measures your system reports and establish target goals<sup>17</sup>
- Secure leadership support to gain buy-in and commitment for reporting AIS<sup>17</sup>
- Use these tactics, along with other best practices, to increase vaccination rates

## Ways to Improve Vaccination Rates at Your Health System<sup>17</sup>

Implement **standing orders** for all vaccines per ACIP recommendation

**Modify EHR** to assess vaccination history and alert gaps at point of care

CDC guidance discusses **coadministration** as a strategy for helping patients stay up to date with vaccinations<sup>18</sup>

Prioritize **nonseasonal immunization** throughout the year<sup>19</sup>

**References:** 1. Zoster vaccination coverage by age, race, & ethnicity, National Health Interview Survey, United States, 2022. Centers for Disease Control and Prevention. Accessed November 5, 2024. <https://www.cdc.gov/vaccines/imz-managers/coverage/adultvaxview/pubs-resources/Adult-Vax-NHIS-2022-table02.xlsx> 2. Flu vaccination coverage, United States, 2022–2023 influenza season. Centers for Disease Control and Prevention. Accessed November 26, 2024. <https://www.cdc.gov/fluview/coverage-by-season/2022-2023.html> 3. Vaccination coverage among adults. Centers for Disease Control and Prevention. Accessed November 26, 2024. <https://www.cdc.gov/adultvaxview/about/general-population.html> 4. Talbird SE, La EM, Carrie J, et al. Impact of population aging on the burden of vaccine-preventable diseases among older adults in the United States. *Hum Vaccin Immunother*. 2021;17(2):332-343. Accessed November 25, 2024. 5. Adult immunization status. NCQA. 2024. Accessed August 13, 2024. <https://www.ncqa.org/hedis/measures/adult-immunization-status> 6. Shen AK. Adult immunization measurement: the road to progress following new HEDIS measures and COVID-19 vaccination efforts. *Popul Health Manag*. 2022;25(3):294-296. 7. Quality ID #493: Adult immunization status. Quality Payment Program. 2024. Centers for Medicare & Medicaid Services. Accessed November 26, 2024. [https://app.cms.gov/docs/QPP\\_quality\\_measure\\_specifications/CQM-Measures/2024\\_Measure\\_493\\_MIPSCQM.pdf](https://app.cms.gov/docs/QPP_quality_measure_specifications/CQM-Measures/2024_Measure_493_MIPSCQM.pdf) 8. HEDIS MY 2025 measures and descriptions. National Committee for Quality Assurance. Accessed October 21, 2024. <https://www.ncqa.org/wp-content/uploads/HEDIS-MY-2025-Measure-Description.pdf> 9. HEDIS MY 2025: What's new, what's changed, what's retired. NCQA. 2024. Accessed December 16, 2024. <https://www.ncqa.org/blog/hedis-my-2025-whats-new-whats-changed-whats-retired/> 10. Quality: Traditional MIPS Requirements, 2024 Performance Year Requirements. Quality Payment Program. Centers for Medicare & Medicaid Services. Accessed November 23, 2024. <https://app.cms.gov/mips/quality-requirements?py=2024> 11. Value in Primary Care, 2024. Quality Payment Program. Centers for Medicare & Medicaid Services. Accessed November 23, 2024. <https://app.cms.gov/mips/quality-requirements?py=2024> 12. Calendar year (CY) 2025 Medicare Physician Fee Schedule (PFS) final rule. Quality Payment Program. Accessed November 4, 2024. <https://public-inspection.federalregister.gov/2024-25382.pdf> 13. Advance notice of methodological changes for calendar year (CY) 2024 for Medicare Advantage (MA) capitation rates and Part C and Part D payment policies. Centers for Medicare & Medicaid Services. Accessed November 23, 2024. <https://www.cms.gov/files/document/2024-advance-notice-pdf.pdf> 14. Rodrigues CMC, Plotkin SA. Impact of vaccines: health, economic and social perspectives. *Front Microbiol*. 2020;11:1526. doi: 10.3389/fmicb.2020.01526 15. Esselman K, Ciemins EL, Donckels E, Barbera C, D'Andrea G, McBride T. Using quality measures to drive improvements in immunization rates: findings from a real-world evaluation from 3 US health care organizations. *Popul Health Manag*. 2022;25(3):423-429. doi: 10.1089/pop.2021.0197 16. CQMC announces updates to eight core measure sets. AHIP. Accessed February 23, 2024. <https://www.ahip.org/news/press-releases/cqmc-announces-updates-to-eight-core-measure-sets> 17. Epidemiology and prevention of vaccine-preventable diseases. Centers for Disease Control and Prevention. Hall E, Wodi AP, Hamborsky J, et al, eds. 14<sup>th</sup> Ed. Public Health Foundation; 2021. Accessed November 23, 2024. <https://www.cdc.gov/pinkbook/hcp/table-of-contents/index.html> 18. Coadministration of the influenza vaccine with other vaccines. Centers for Disease Control and Prevention. Accessed December 16, 2024. <https://www.cdc.gov/flu/vaccines/coadministration.html> 19. VaccineTrack. Year-round adult immunization. 2023. Accessed May 21, 2024. <https://www.vaccinetrack.com/resources/Year-Round%20Adult%20Immunization.pdf>

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