



Adult Immunization and Health Care Provider Engagement

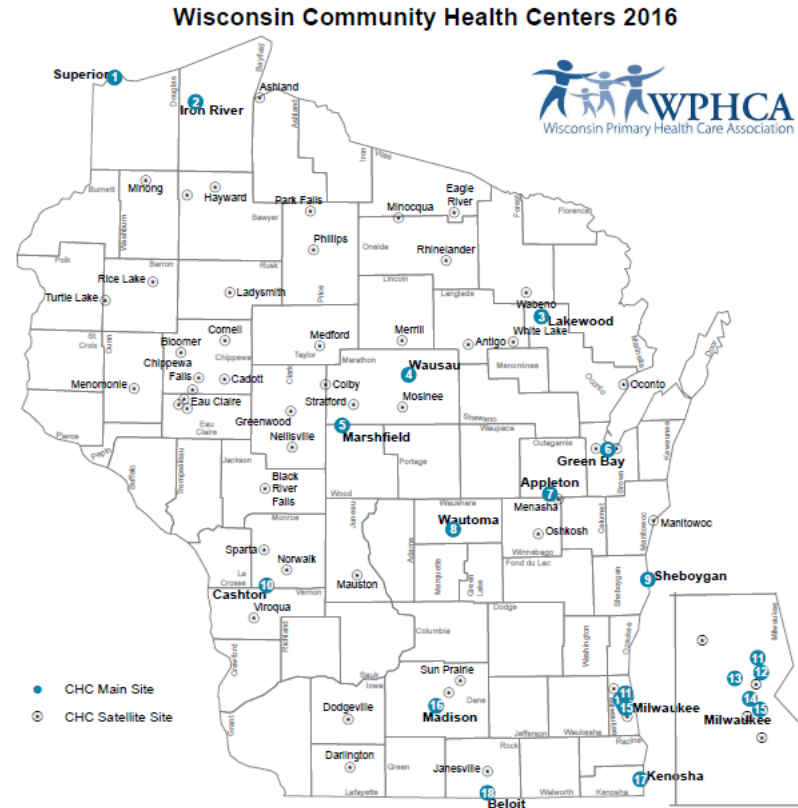
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Federally Qualified Health Center (FQHC) Collaboration

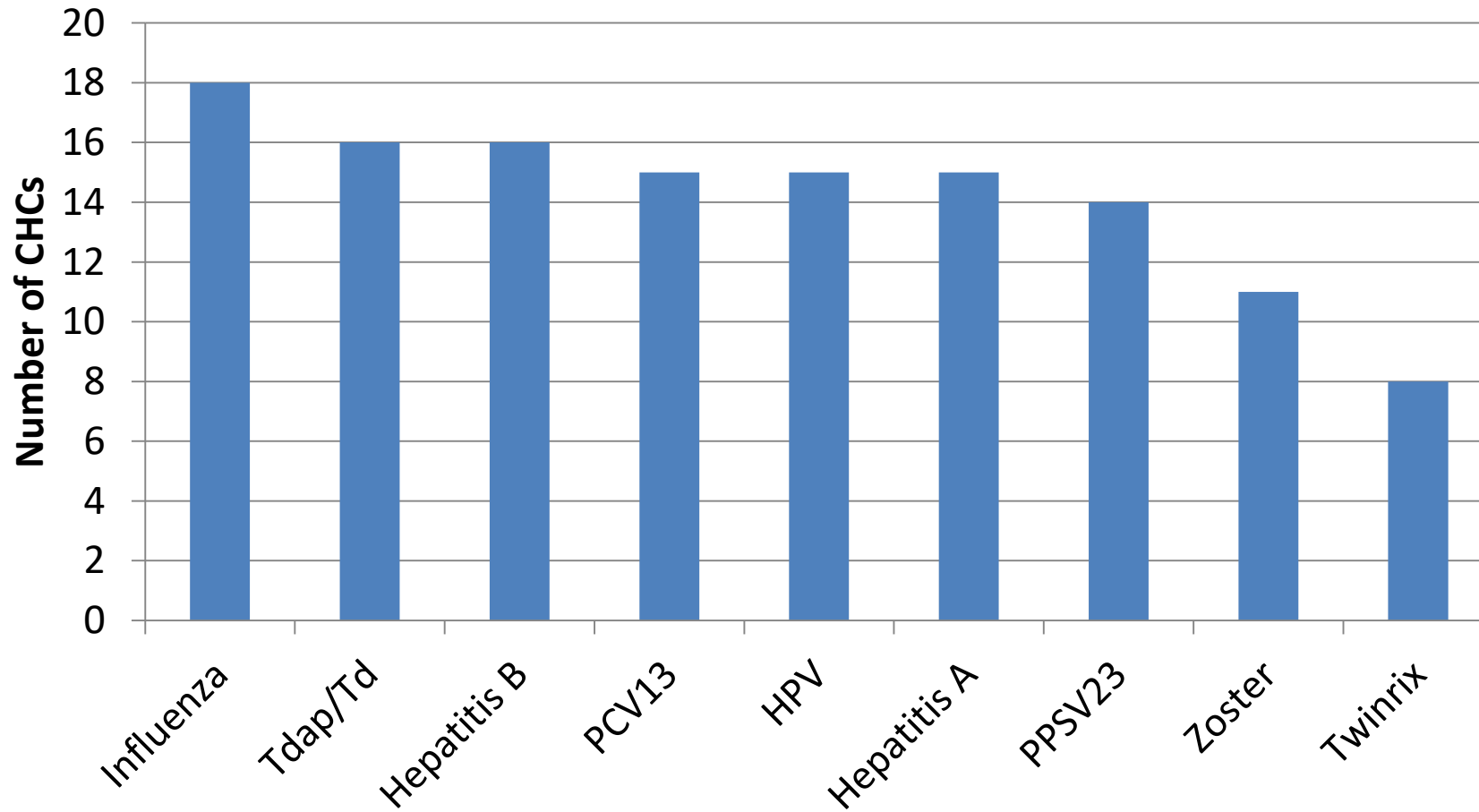
- Survey of 18 FQHCs
- Adult Immunization Summit
- Adult AFIX (currently IQIP)

CHC Characteristics

- 18 (100%) responses received
- All CHCs administer vaccines to adults



Vaccines Offered to Adults



Standards Implementation

- Immunization history most commonly reviewed and vaccines offered during routine preventive care visits, follow-up visits and routine problem visits and to a lesser extent urgent/same day or nurse-only visits
- Vaccines typically administered during routine preventive care visits, follow-up visits and routine problem visits and to a lesser extent urgent/same day or nurse-only visits
- All CHC main sites use the Wisconsin Immunization Registry (WIR)

Standards Implementation

- 50% (9/18) of CHCs always or usually assess an adult patient's immunization history using WIR.
- 61% (11/18) of the time patients accept a recommendation for vaccination.
- 78% (14/18) transmit to WIR using data exchange; all others manually enter vaccine doses administered.

Clinical Tools for Immunization

- Clinical reminder (indicating that patient is due or past due for a vaccine) is sent to the user the majority of the time for influenza, Tdap/Td, PPSV23 and PCV13.
- Nurses (61%; 11/18) and medical assistants (67%; 12/18) vaccinate by standing order.
- 17% (3/18) do not use standing orders to offer vaccines to adult patients.
- 78% (14/18) do not use reminder recall.

Barriers to Implementing the Standards

Adult Immunization Standard	Barriers
Offering/recommending vaccines	Cost of stocking all ACIP-recommended vaccines
Administering vaccines	Cost of stocking all ACIP-recommended vaccines Patients concerned about side effects
Entering vaccine doses administered	Double entry for those doing manual entry (i.e., entry into EMR and WIR) Delay in viewing vaccines administered at a hospital, clinic or pharmacy Training of support staff

Adult Immunization Summit

- November 10, 2016 (in Wisconsin Dells)
- Targeted providers, pharmacists, quality improvement personnel and public health
- 62 persons attended
- Archived session and presenter slides available at:
<https://www.acponline.org/about-acp/chapters-regions/united-states/wisconsin-chapter/news-meetings/2016-adult-immunization-summit-presentation-slides>

Adult AFIX Site Selection

- Approximately 800 clinics received an invitation, by email, to receive an adult AFIX visit
- Clinic contact information obtained from the Wisconsin Immunization Registry (WIR)
- 124 clinics elected to receive a visit
- In-person visits were conducted during November 2016 - September 2017

Follow Up Visits

- Conducted, by email, at three- and six-month intervals
- Included sharing of coverage rates from WIR
- Opportunity to offer support and encouragement to initiate or continue to fully implement quality improvement strategies selected

Control Clinic Selection

- 124 control clinics selected that did not receive an AFIX visit
- Matched to clinics that received an AFIX visit on practice type, geographic location and clinic size
- Many represented clinics that declined a visit or did not respond to invitation to receive a site visit

Clinic Types Visited

- 124 clinics visited
 - 78 general practice
 - 25 family medicine
 - 7 adult care (e.g., nursing homes, long term care)
 - **6 Federally Qualified Health Centers (FQHCs)**
 - 4 internal medicine
 - 3 obstetrics and gynecology
 - 1 tribal health clinic

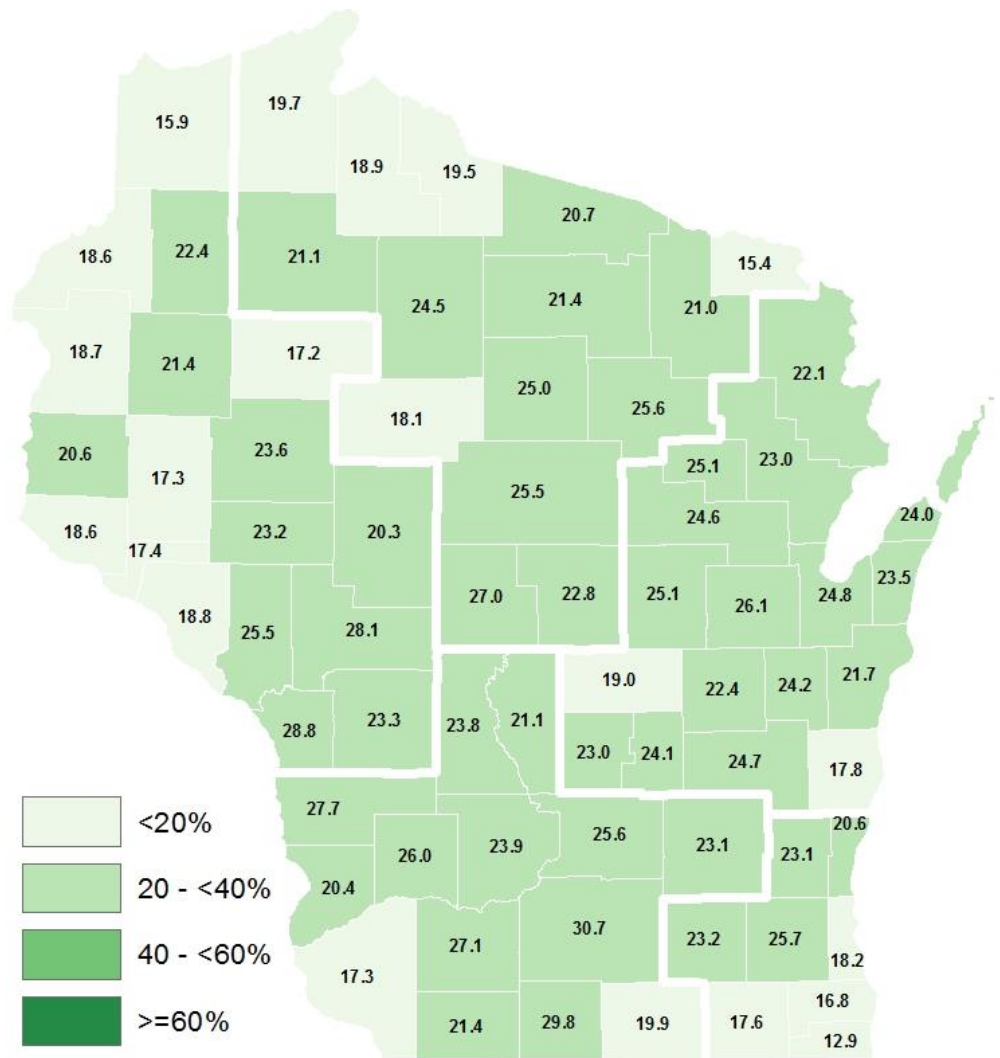
Top 3 Strategies

Strategy	Implemented % (N)	New Implementation % (N)
Adult immunization resources available to address patient questions	100 (124)	70 (87)
Inactivate patients no longer associated with clinic	14 (17)	58 (72)
Reminder and recall intervention	58 (72)	49 (61)

Challenges with Strategy Implementation

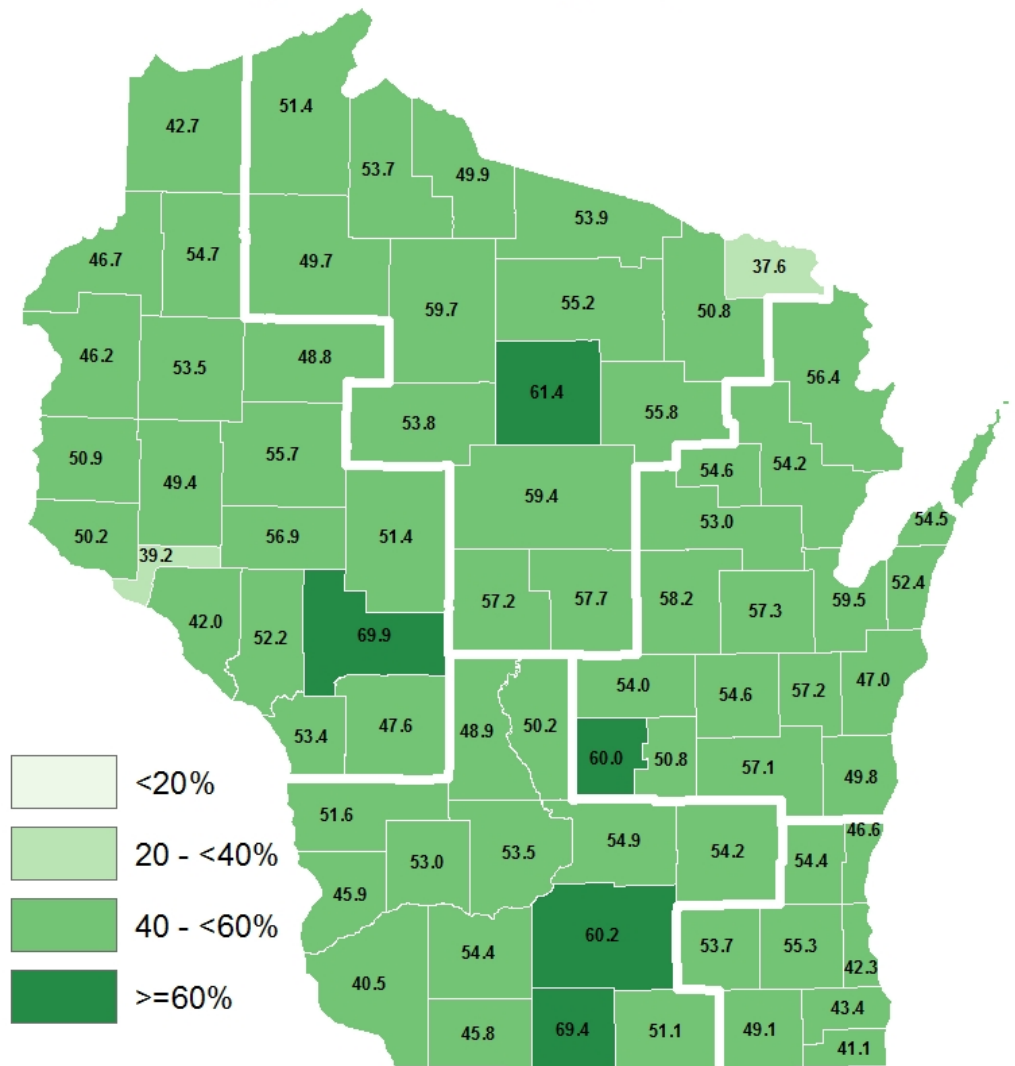
- Clinic staff are not scheduling out subsequent dose appointments
- Coverage for zoster varies
- FQHCs unable to stock all adult vaccines
- Gaps in entry of doses administered into WIR

Percentage of adults aged 19–64 years who received 1 or more doses of influenza vaccine during August 1, 2017, through July 31, 2018, by county



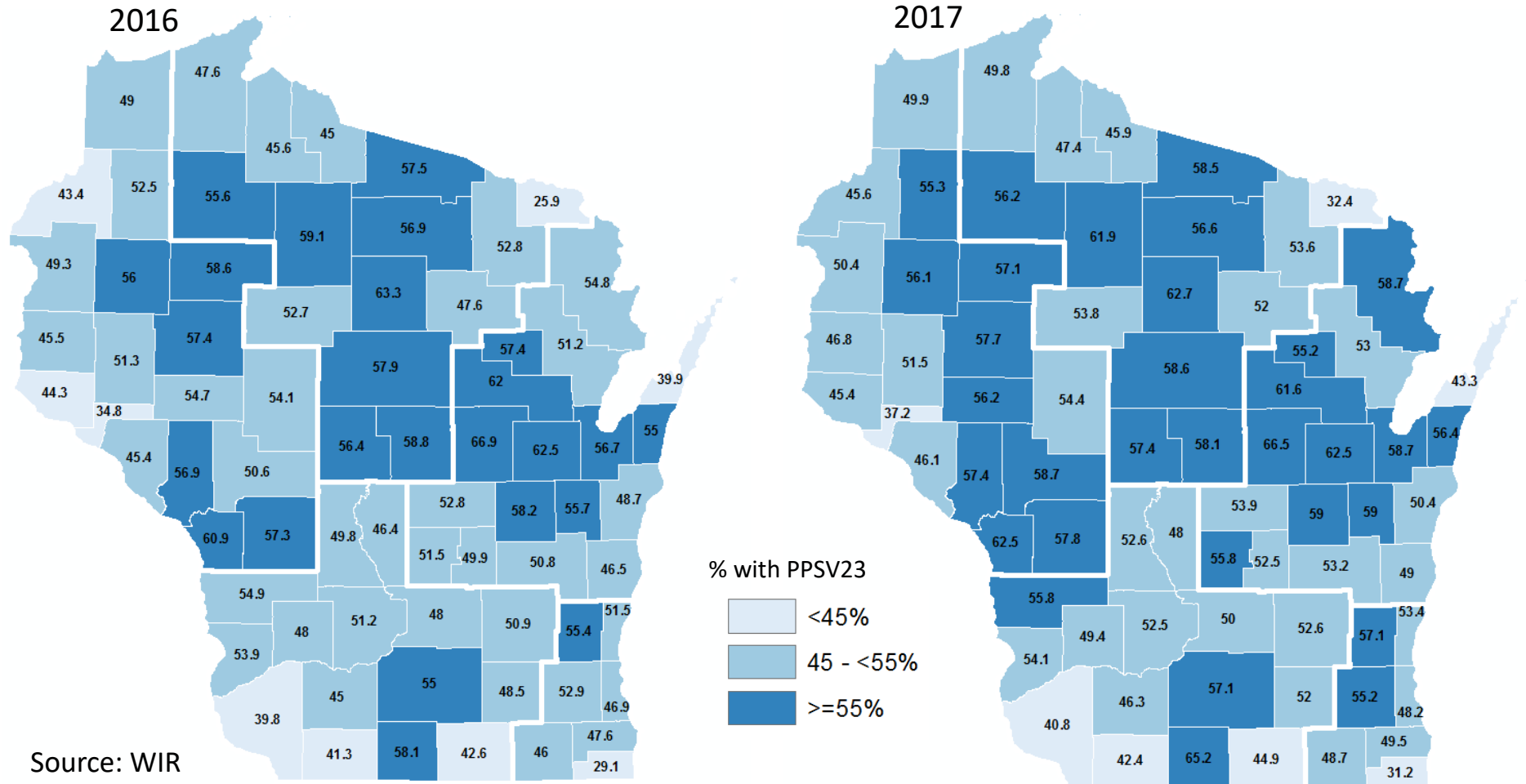
Source: WIR

Percentage of adults aged 65 years and older who received 1 or more doses of influenza vaccine during August 1, 2017, through July 31, 2018, by county



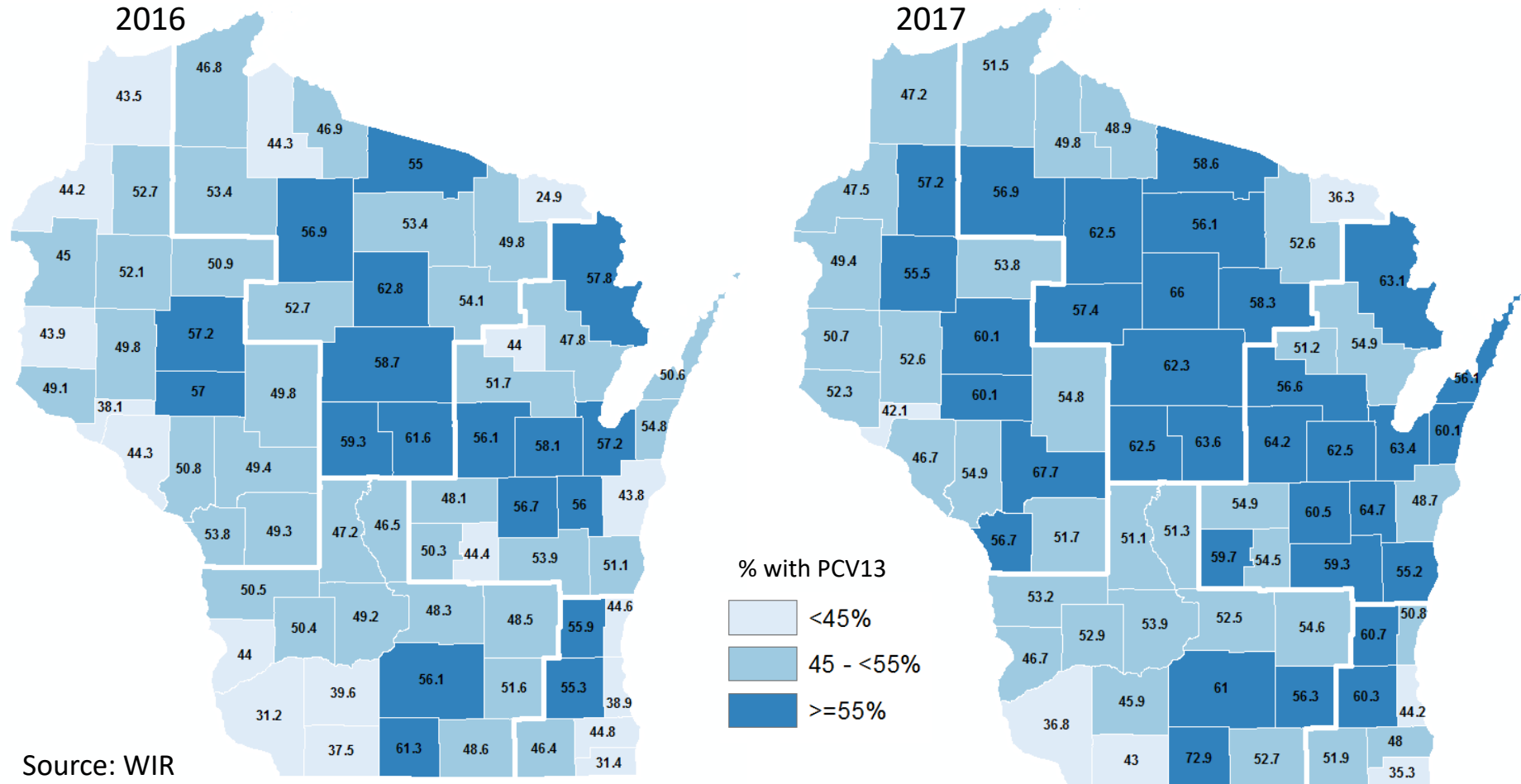
Source: WIR

Percent of adults aged 65 years and older who have received one dose of PPSV23 on or after their 65th birthday, by county, 2016 and 2017

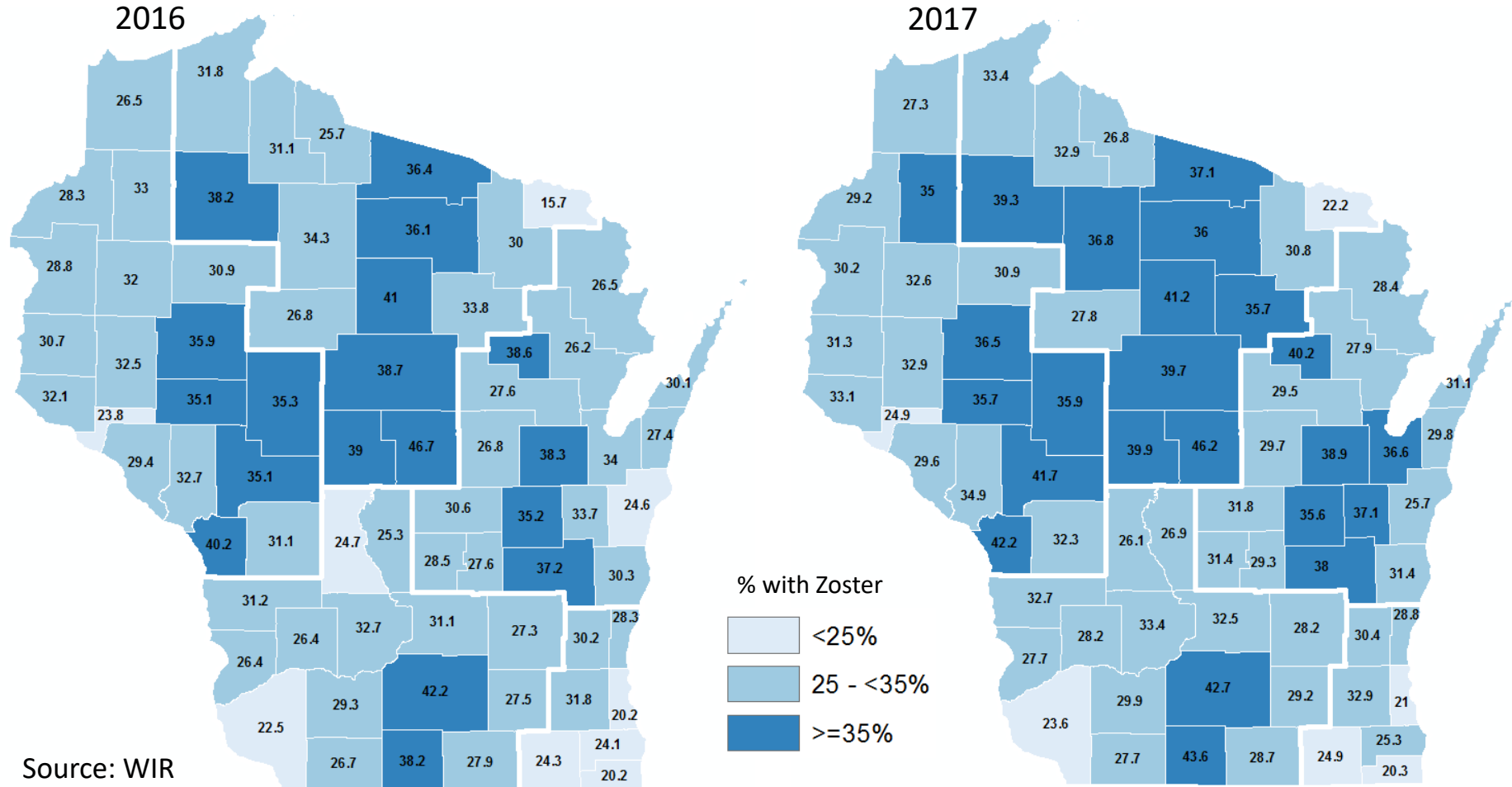


Source: WIR

Percent of adults aged 65 years and older who have received one dose of PCV13 on or after their 65th birthday, by county, 2016 and 2017



Percent of adults aged 60 years and older who have received one dose of zoster, by county, 2016 and 2017



Questions

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