



Washington State Immunization Information System (IIS) Immunization Rates as of December 31, 2014

Washington Immunization Data

Data source:

These data come from the Washington State Immunization Information System (IIS). The IIS is a lifetime registry that track immunization records for people of all ages in Washington State. Healthcare providers submit data to the IIS for their patients on a voluntary basis.

Suggested citation:

Washington State IIS Immunization Rates as of December 31, 2014 Slide Set. Washington State Department of Health, 2015. Updated September 2015. Accessed [access date] at [insert website address here].

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For more information, please see the technical notes on the last slide, visit our website, at: <http://www.doh.wa.gov/DataandStatisticalReports/HealthBehaviors/Immunization/ImmunizationInformationSystem>, or contact WAIISDataRequests@doh.wa.gov.



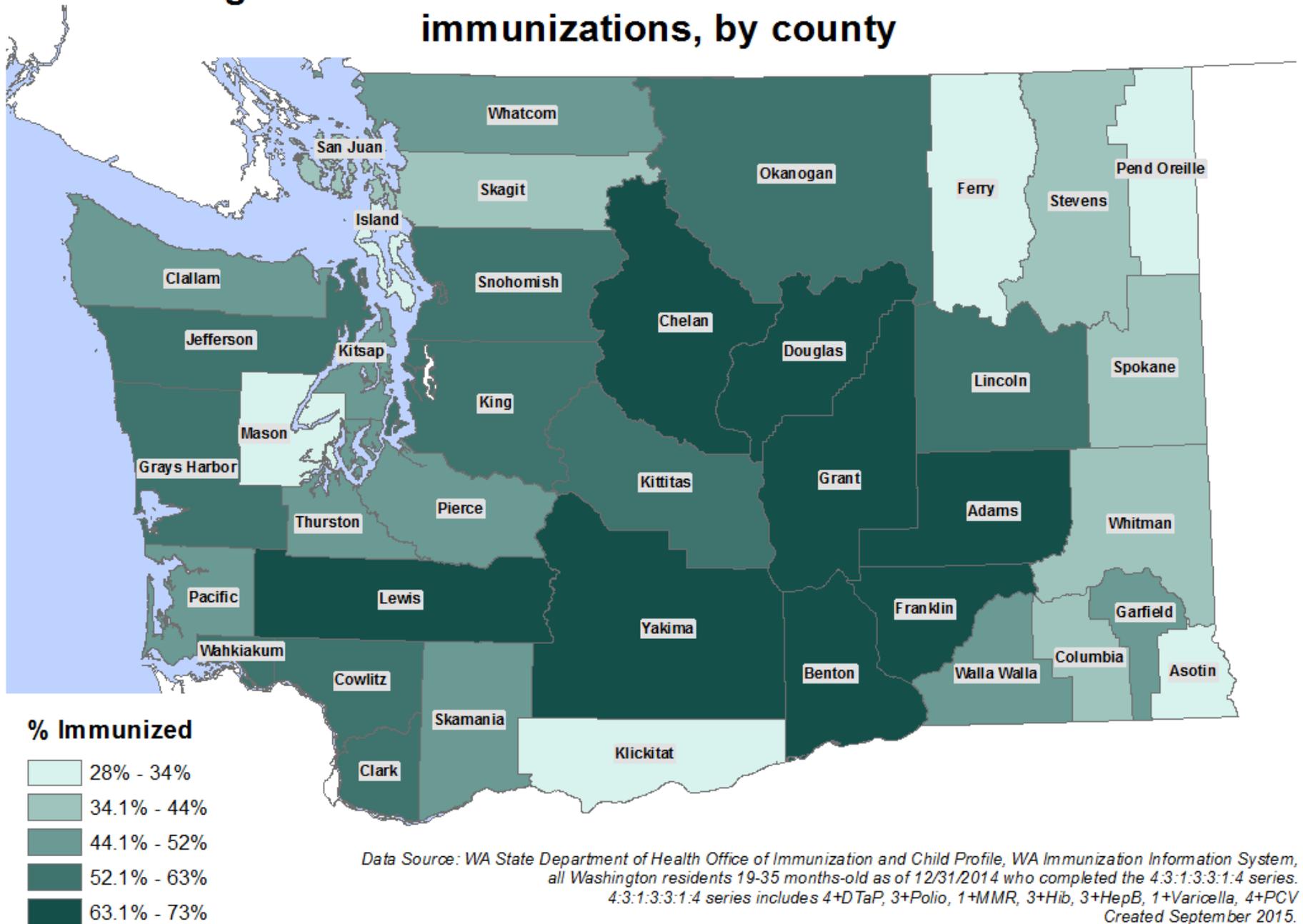


**Immunization rates
among 19-35 month-olds
as of December 31, 2014**

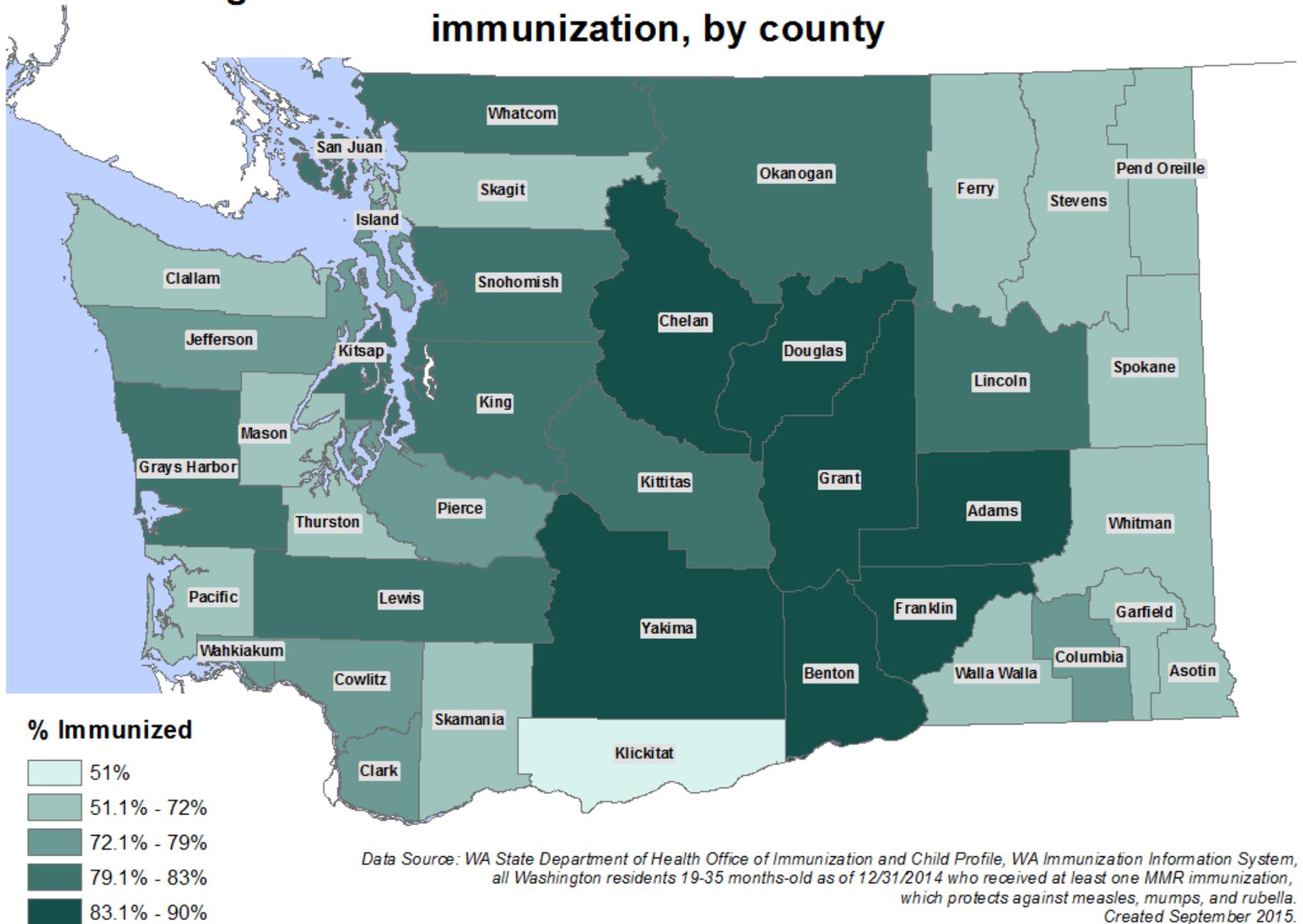
Immunization rates among 19 – 35 month-olds

- As of 12/31/2014, 56% of Washington children ages 19 – 35 months had received all of the recommended immunizations.
- Coverage by county ranged from 28% in Klickitat County to 73% in Grant County.
- By age 19 months, children should complete the 4:3:1:3:3:1:4 immunization series.
 - The recommended immunizations for this age group protect children against diphtheria, tetanus, pertussis, polio, measles, mumps, rubella, hepatitis B, varicella/chicken pox, haemophilus influenzae type B, and pneumococcal disease.
 - Note that although rotavirus and Hepatitis A vaccines are recommended for this age group, they are not included in this series.
- The state and national goal is for 80% of young children to complete these immunizations on time.
- Recent outbreaks of pertussis and measles in our state demonstrate the importance of making sure kids are immunized completely and on time.

Washington 19-35 month-olds who received all recommended immunizations, by county



Washington 19-35 month-olds who received at least one MMR immunization, by county

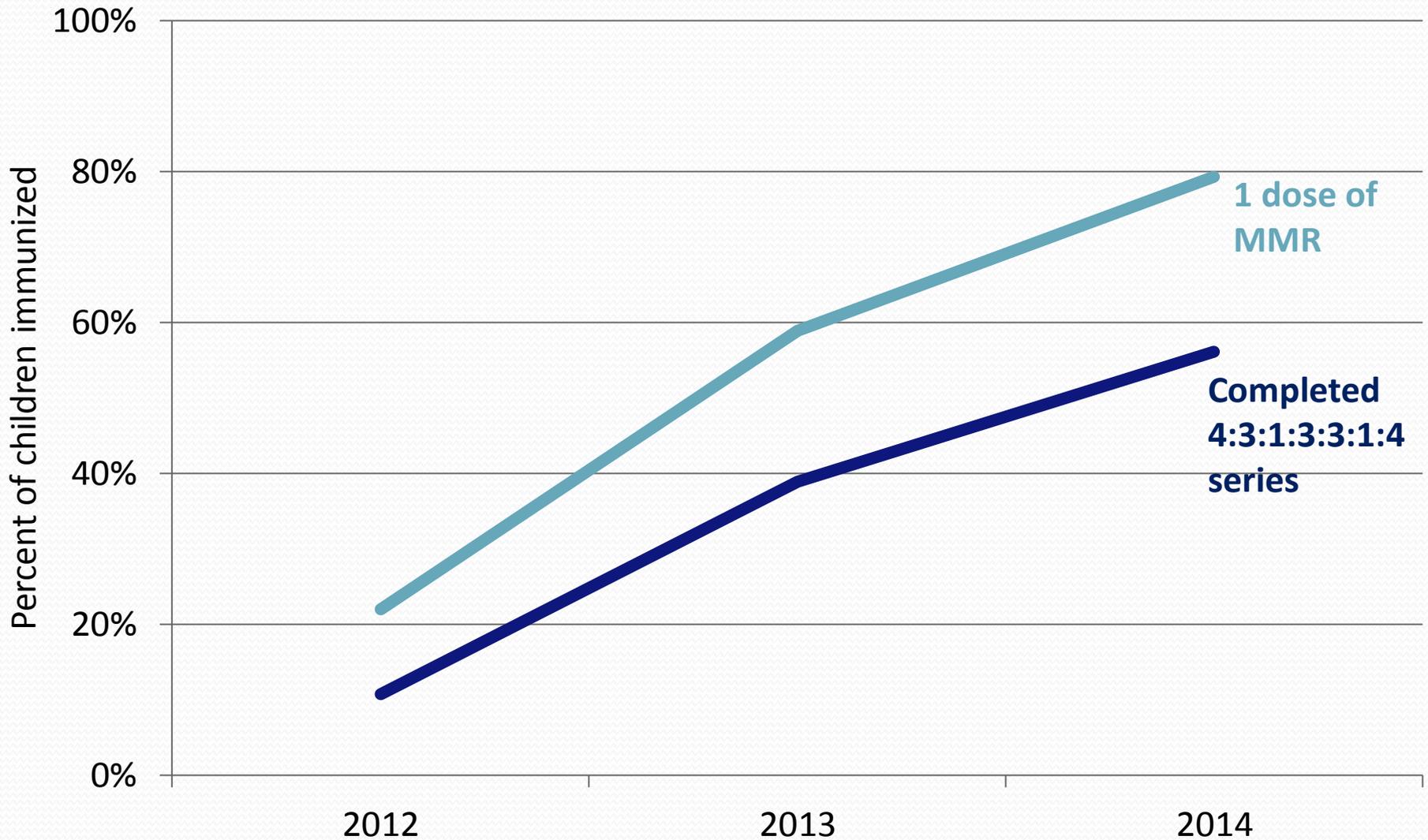


Data Source: WA State Department of Health Office of Immunization and Child Profile, WA Immunization Information System, all Washington residents 19-35 months-old as of 12/31/2014 who received at least one MMR immunization, which protects against measles, mumps, and rubella. Created September 2015.

Trends in immunization rates among 19 – 35 month-olds

- Immunization coverage, as measured by the Washington State Immunization Information System (IIS) increased from 2012 to 2014.
- The increases in coverage are due in part to improved reporting of immunization data to the IIS. As more providers report, data completeness will improve even more.
- As measured by the IIS, the percentage of kids ages 19 – 35 months-old who completed the 4:3:1:3:3:1:4 immunization series increased from 11% in 2012 to 56% in 2014.
- IIS-based coverage with one dose of MMR increased from 22% in 2012 to 79% in 2014.

Trends in vaccine coverage among 19 – 35 month-olds, Washington, 2012- 2014, as reported to and measured by the WA Immunization Information System



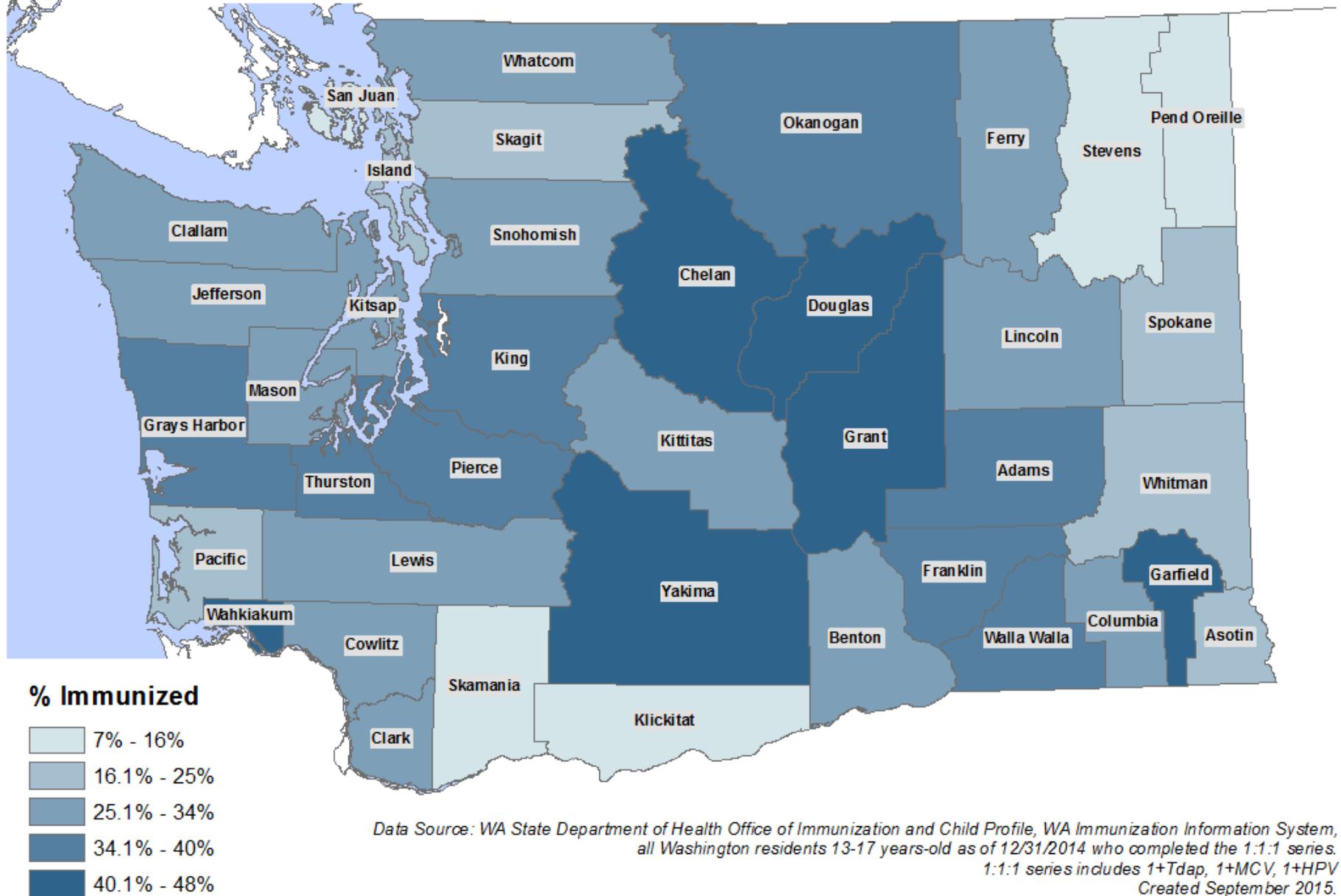


**Immunization rates
among 13-17 year-olds
as of December 31, 2014**

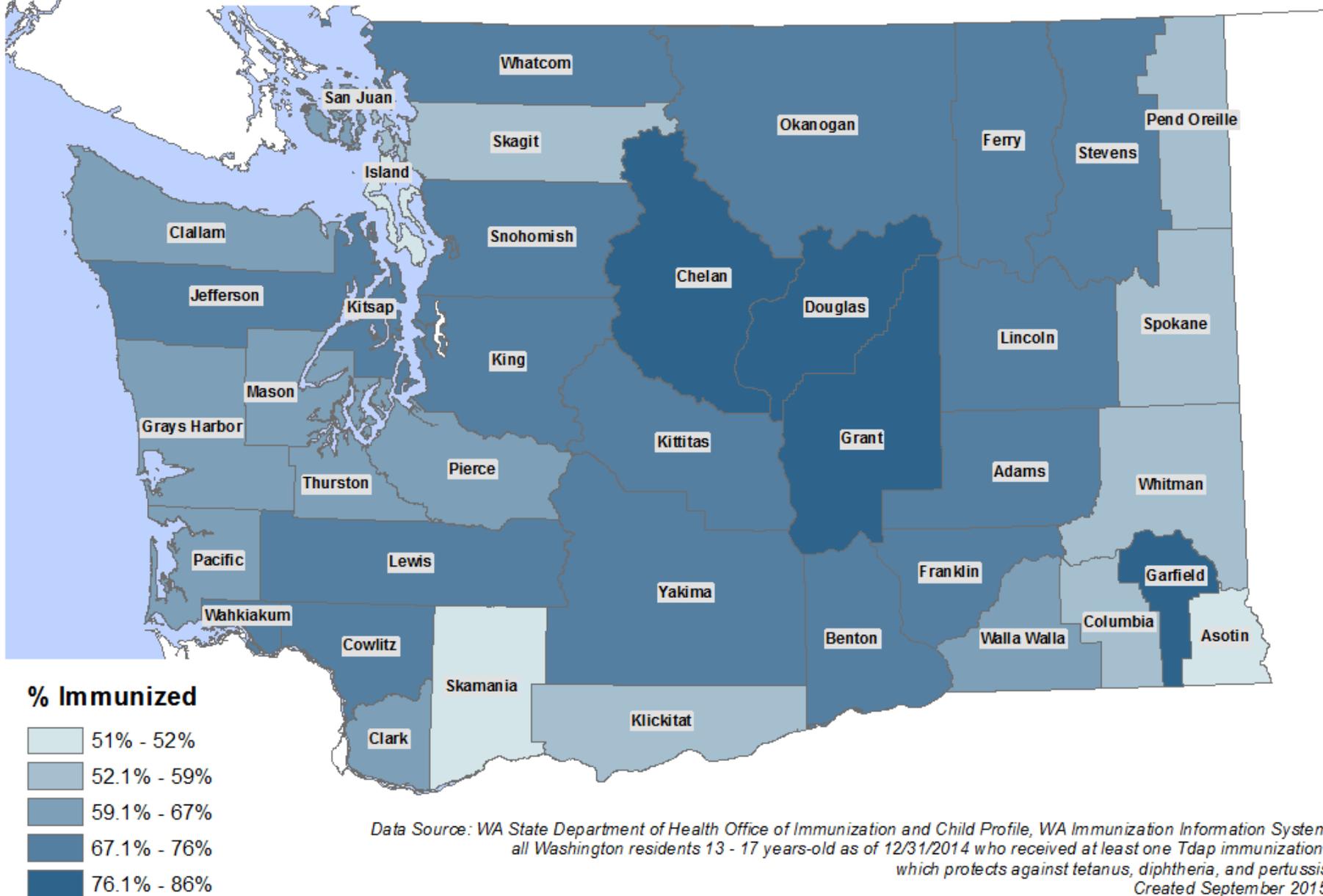
Immunization rates among 13 – 17 year-olds

- As of 12/31/2014, 34% of Washington adolescents ages 13 – 17 years had received at least one dose of each Tdap, MCV and HPV, also called the 1:1:1 vaccine series.
- Coverage by county ranged from 7% in Pend Oreille County to 48% in Chelan County.
- Adolescents should complete the 1:1:1 vaccine series by age 13 to be fully protected and on time with recommendations.
 - The recommended immunizations for this age group protect against tetanus, diphtheria, pertussis, meningococcal disease and human papillomavirus (HPV).
- The state and national goal is for 80% of adolescents to complete these immunizations by age 15.
- Adolescents should receive the MCV vaccine and first dose of HPV vaccine when they receive the Tdap booster required for middle school entry.

Washington adolescents, ages 13 to 17 years, who completed the 1:1:1 series, by county

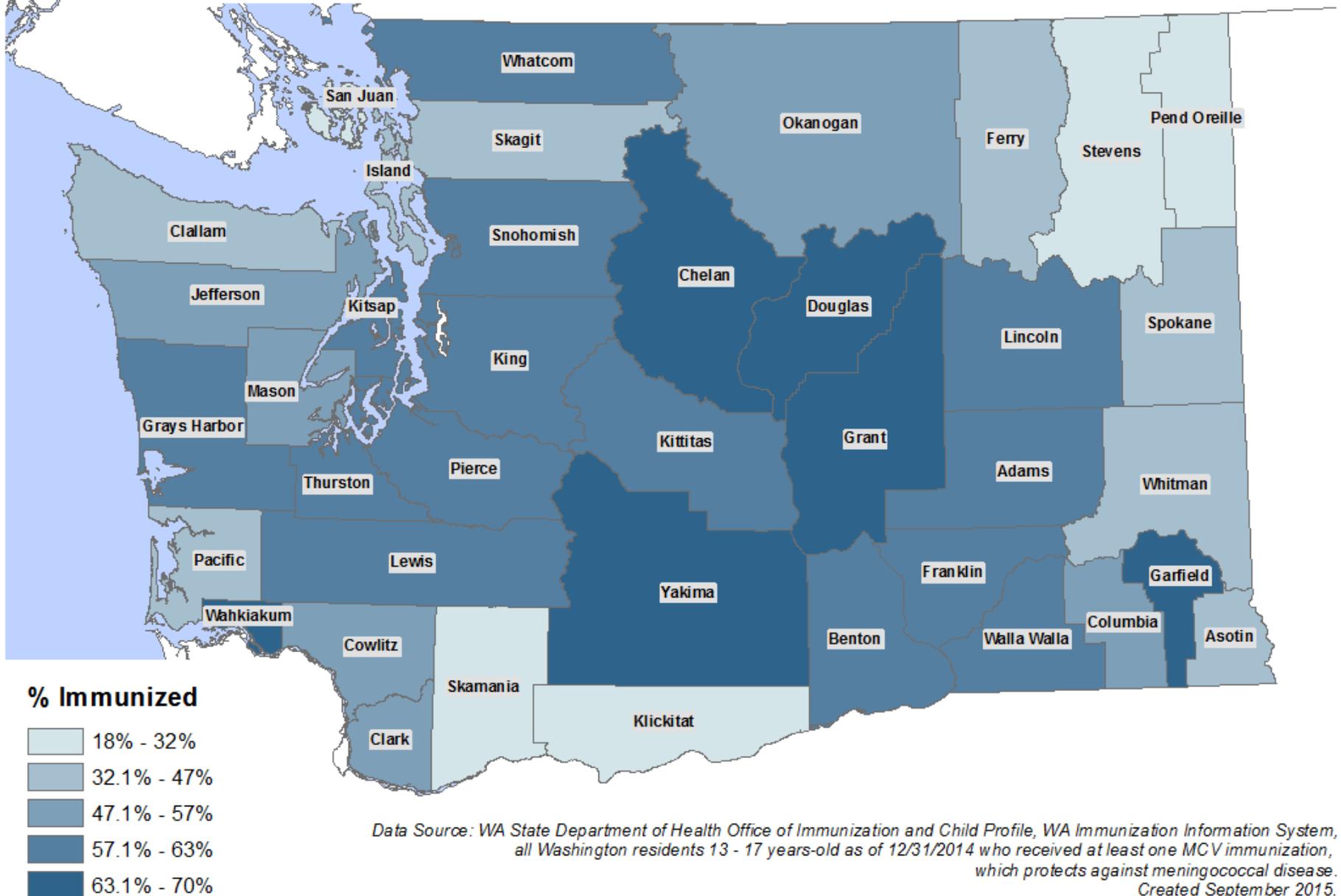


Washington adolescents, ages 13 to 17 years, who received at least one Tdap immunization, by county

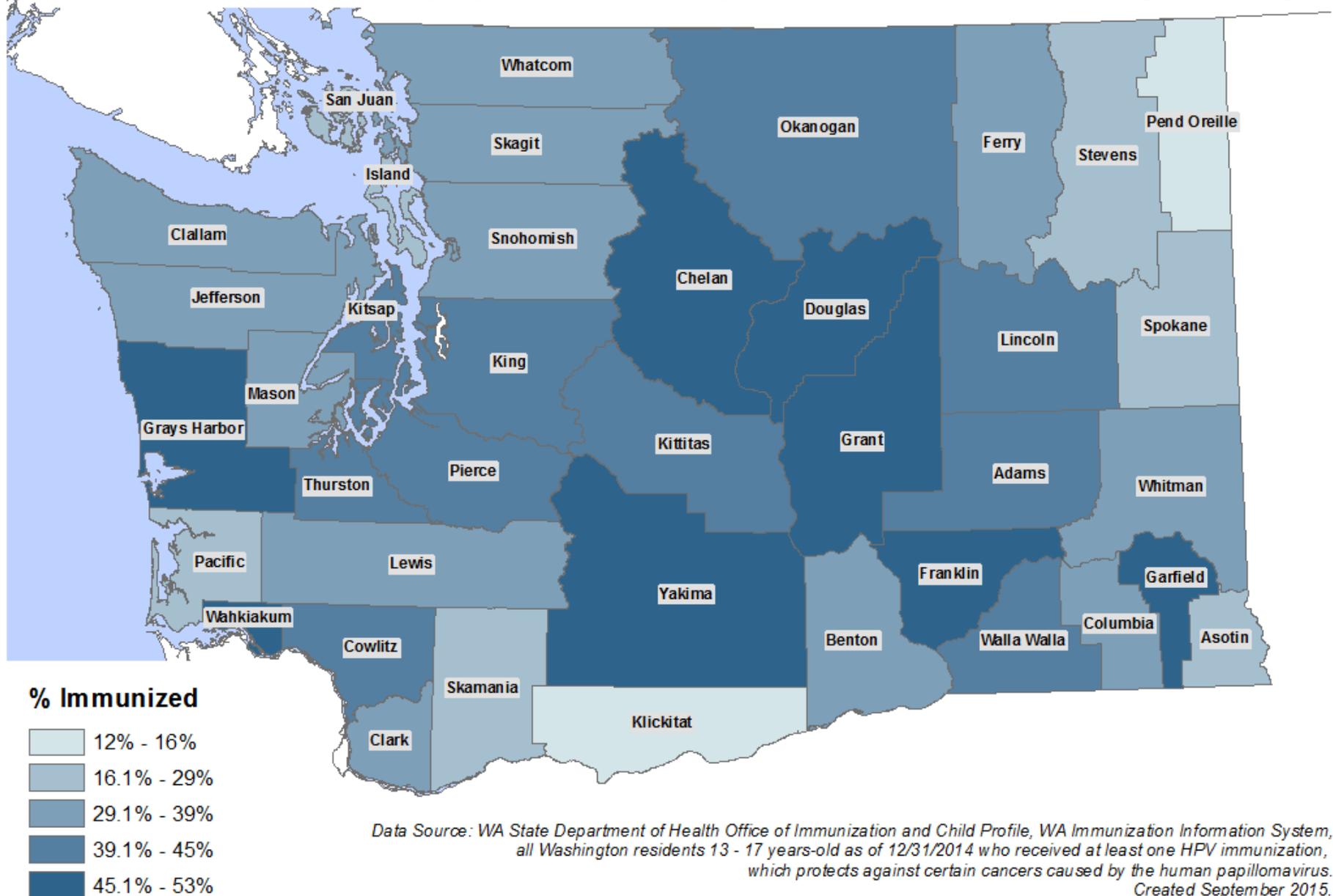


Data Source: WA State Department of Health Office of Immunization and Child Profile, WA Immunization Information System, all Washington residents 13 - 17 years-old as of 12/31/2014 who received at least one Tdap immunization, which protects against tetanus, diphtheria, and pertussis. Created September 2015.

Washington adolescents, ages 13 to 17 years, who received at least one meningococcal (MCV) immunization, by county



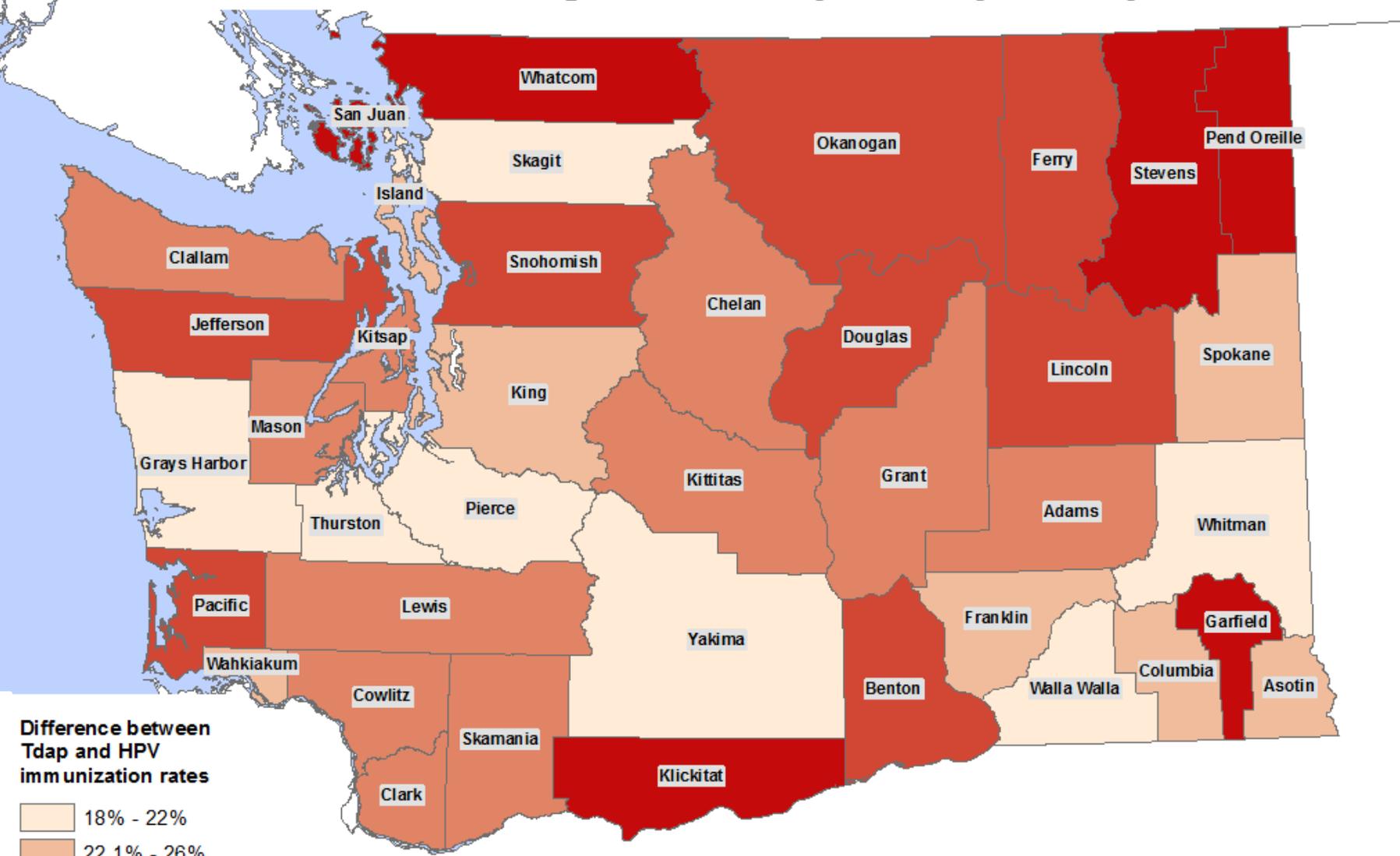
Washington adolescents, ages 13 to 17 years, who received at least one human papillomavirus (HPV) immunization, by county



Missed opportunities for vaccination among adolescents

- Tdap vaccine is required for school entry. Because of this, Tdap coverage is higher among adolescents than other recommended vaccines that are not required for school entry, like MCV and HPV.
- Ideally, adolescents should receive the first dose of HPV vaccine at the same time that they receive the Tdap vaccine.
- Differences between Tdap coverage and coverage with 1 or more doses of HPV indicate missed opportunities for vaccination.
- It is important that providers and parents take every opportunity to vaccinate. This ensures that adolescents are fully protected against diseases that vaccines prevent, including certain cancers caused by the human papillomavirus.

Missed opportunities for HPV vaccination among Washington adolescents, ages 13 to 17 years, by county



Difference between Tdap and HPV immunization rates

- 18% - 22%
- 22.1% - 26%
- 26.1% - 31%
- 31.1% - 36%
- 36.1% - 46%

Data Source: WA State Department of Health Office of Immunization and Child Profile, WA Immunization Information System. This map shows the difference between Tdap coverage and coverage with 1 dose of HPV by county among all Washington residents 13 - 17 years-old as of 12/31/2014. Ideally, these shots should be administered at the same time. Created September 2015.

Technical notes

- The WA Immunization Information System (IIS) is a secure, web-based tool for healthcare providers and schools. The IIS is a lifetime registry that keeps track of immunization records for Washingtonians of all ages.
- These data are based on patient immunizations reported by healthcare providers and health plans to the Department of Health IIS.
- Most providers use the IIS, or registry, but they are not required to do so; participation is voluntary.
- The percent of the population immunized is based on the population with data entered in the IIS. Some people are not in the registry and not all immunizations are entered into the registry.
- The series estimated coverage is determined by each individual having all of the listed vaccines. Those who are missing even one immunization in the total series are not considered complete for the series.