

Measles Update

Christina Baumann, MD, MPH

Health Officer

February 12, 2019

Healthy People, Thriving Communities



Public Health
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About Measles


- ▶ Measles is a highly contagious virus that can cause serious illness and complications.
- ▶ Symptoms:
 - Fever
 - Runny nose, cough, and red, runny eyes
 - Red rash
- ▶ Virus is spread through the air after a person with measles coughs or sneezes. Can stay in the air for up to 2 hours.
- ▶ Highly effective and safe vaccine is available
 - “MMR” is the measles, mumps, rubella vaccine




Current Situation

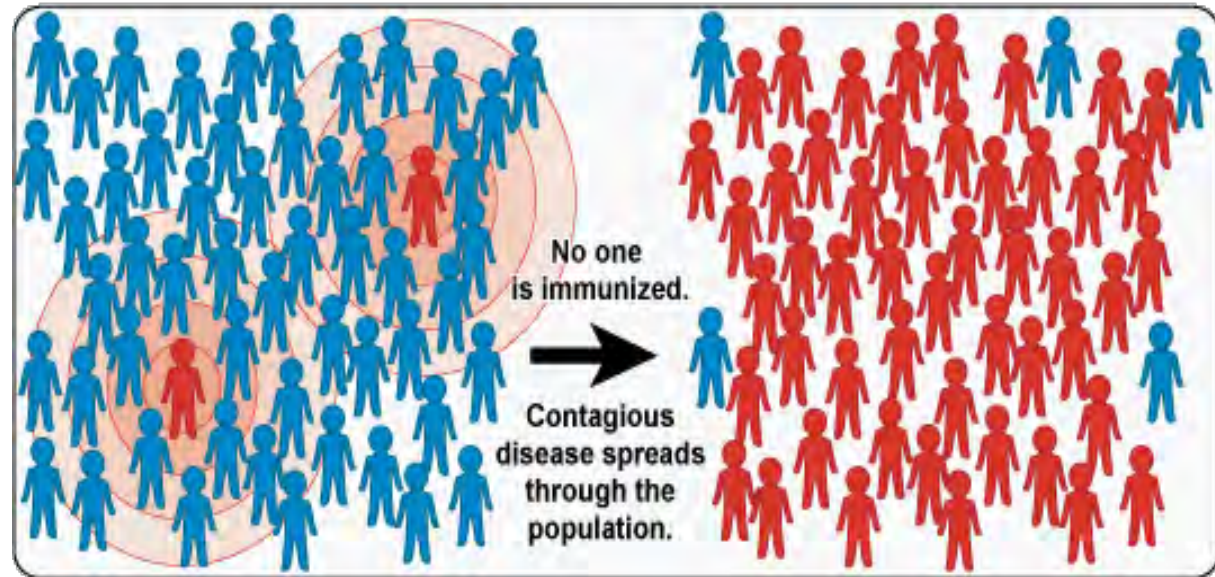
- ▶ Number of cases (2/12/19):
 - **Clark Co, WA: 53 cases, 2 suspects**
 - King Co, WA: 1 case
 - Multnomah Co, OR: 4 cases
- ▶ Clark Co cases:
 - Most are children ages 1-10 years
 - All are either unvaccinated or vaccinations could not be verified



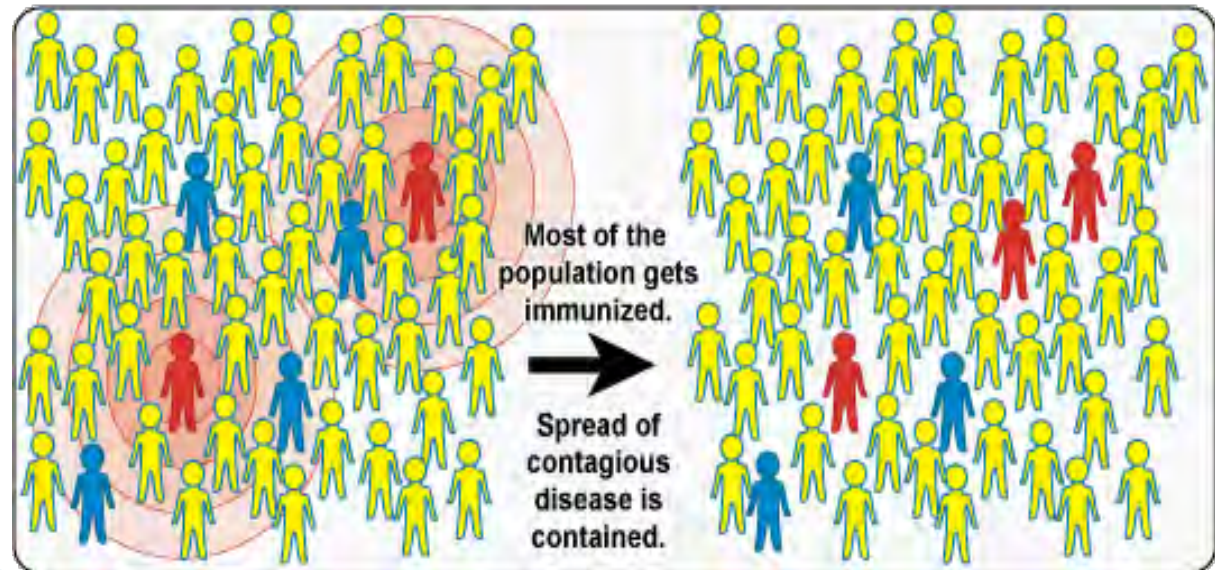
 = not immunized but still healthy

 = immunized and healthy

 = not immunized, sick, and contagious



Community Immunity



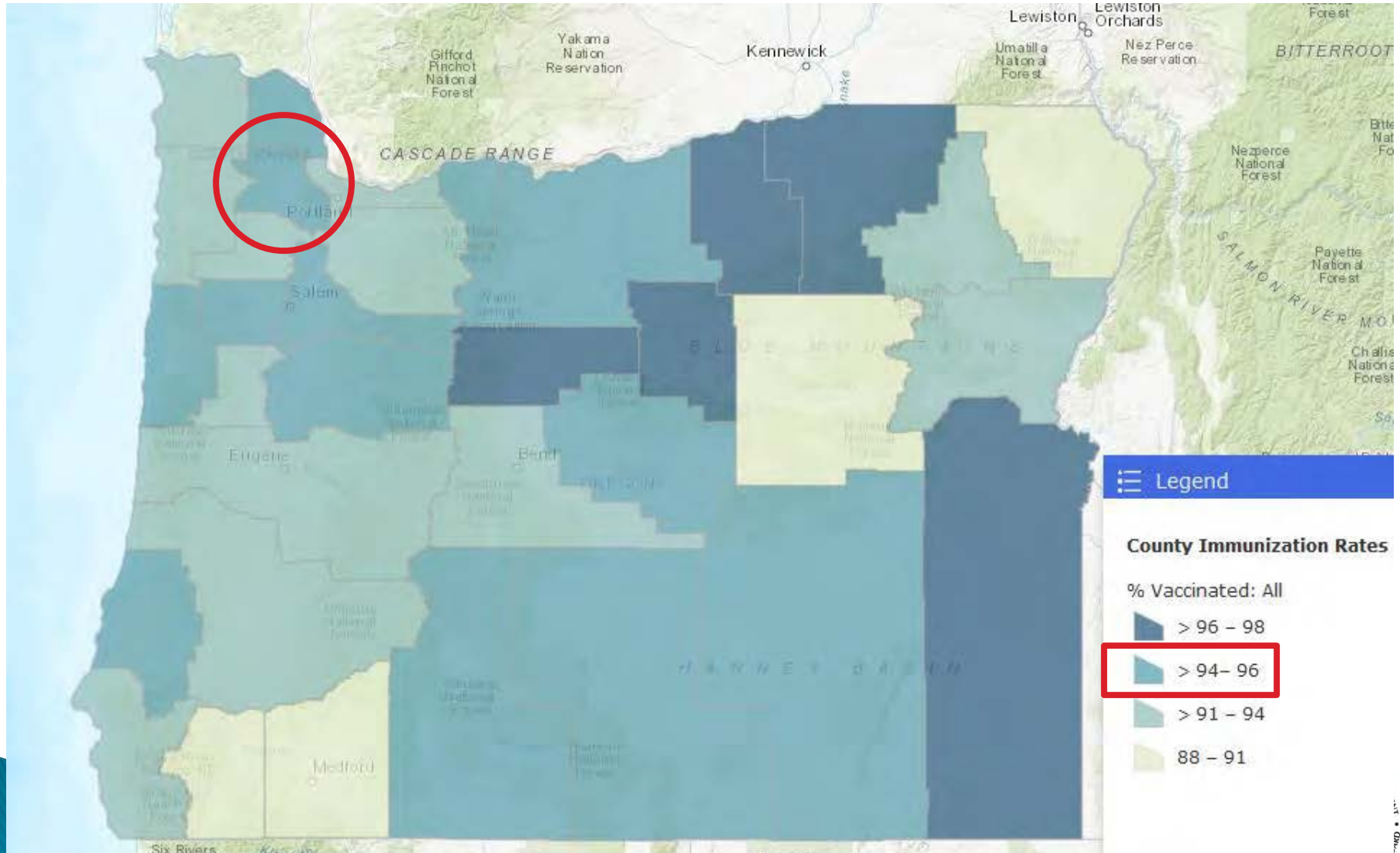
Measles Vaccines

- ▶ Vaccine history:
 - 1968 – First effective measles vaccine developed
 - 1971 – Combined measles-mumps-rubella vaccine (MMR)
 - 2005 – Combined measles-mumps-rubella-varicella vaccine (MMRV)

- ▶ Measles vaccine is safe and very effective
 - 1 dose of MMR: 93-95% effective
 - 2 doses of MMR: 97% effective



Child Vaccination Rates 2017-18



Child Vaccination Rates

- ▶ Kindergarten – 12
 - All vaccines: 95%
 - 2 doses of MMR: 97%

- ▶ Preschools and Child Care
 - All vaccines: 77%
 - 1 dose of MMR: 89%



Measles Immunity and Vaccine Recommendations

- ▶ Born before 1957
- ▶ Previously had measles (lab confirmed)
- ▶ Blood test showing immunity to measles
- ▶ Pre-kindergarten age child: 1 dose of MMR
- ▶ School age children: 2 doses of MMR

*If you do not have documentation of a measles vaccine:

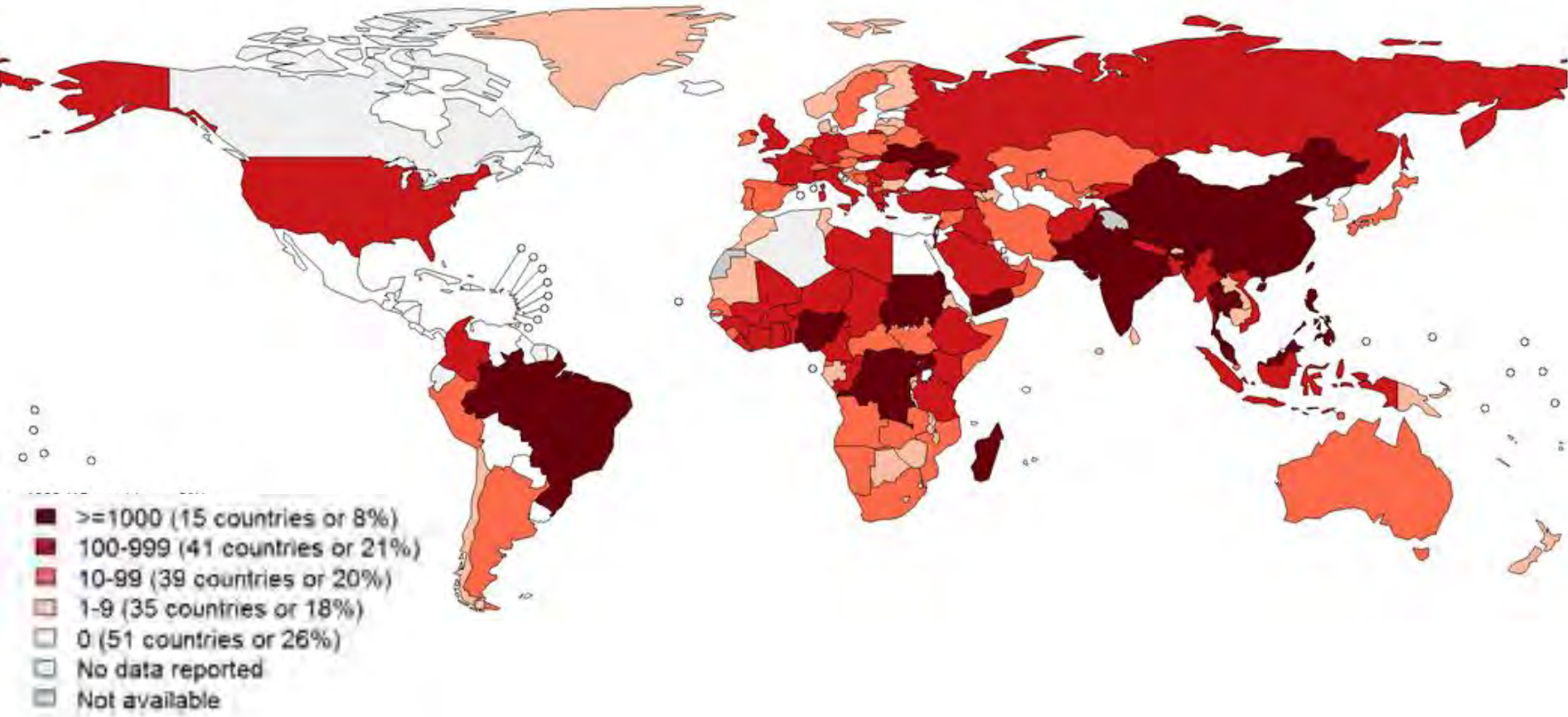
- Get an MMR



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International Measles Cases: Last Six Months of 2018 (6/18-11/18)



Public Health - Prevention

- ▶ Ensure access to immunizations
 - Washington County Resource Line: 503-846-8851
 - Support safety net clinics
- ▶ Enforce school immunization laws
 - School exclusion day
- ▶ Preparedness
- ▶ Collaborations between public health and health care



Public Health - Response

- ▶ Investigation
- ▶ Infection prevention and control
- ▶ Education and awareness
 - Public and health care providers
- ▶ Collaboration
 - State and local public health agencies
 - Local health systems and providers
 - Schools and child care centers



More information

- ▶ www.cdc.gov/measles
- ▶ www.clark.wa.gov/public-health/measles-investigation
- ▶ www.multco.us/measles2019

