



Kenai Public Health Center

Communicable and Infectious Disease Awareness
Food and Waterborne Illness
on the Kenai Peninsula



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Measles

National Weekly Statistics

As of April 11, 2024, a total of 121 measles cases have been reported in 18 states... Arizona, California, Florida, Georgia, Illinois, Indiana, Louisiana, Maryland, Michigan, Minnesota, Missouri, New Jersey, New York, Ohio, Pennsylvania, Virginia, and Washington

U.S. Cases in 2024

Total cases

121

Age

Under 5 years: **57 (47%)**

5-19 years: **27 (22%)**

20+ years: **37 (31%)**

Vaccination Status

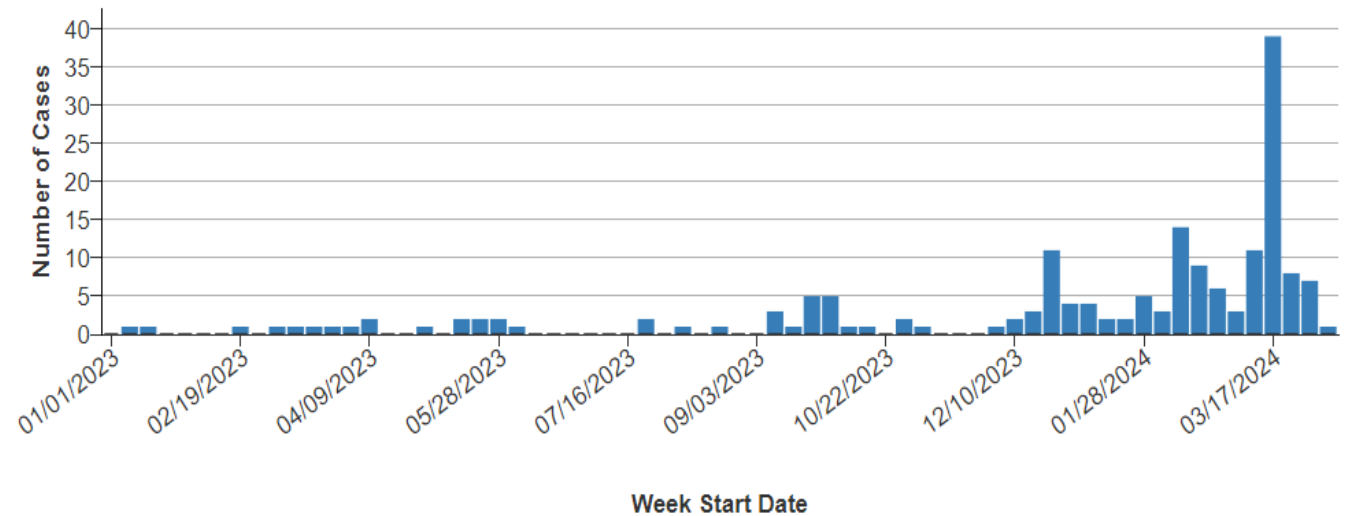
Unvaccinated or Unknown: **82%**

One MMR dose: **13%**

Two MMR doses: **5%**

Number of measles cases reported by week

2023-2024* (as of April 11, 2024)



Pertussis – Whooping Cough

- Serious illness, especially to infants
 - Spread through coughing or sneezing
 - Can cause violent uncontrolled coughing fits lasting up to 10 weeks or more
- Highly contagious
- Vaccine preventable
 - DTap children younger than 7 years of age
 - Tdap for adolescents, teens and adults every 10 years
 - Tdap recommended in 3rd trimester of pregnancy

Five recent cases have been reported throughout the Kenai Peninsula Borough

- March and April



How does this translate locally....

Table 1: Vaccine coverage rate (%) by region, Childhood Series

Childhood Series: 4 DTaP/DT/Td, 3 Hib, 3 Polio, 3 Hep B, 1 MMR, 1 Varicella, 4 PCV

Childhood rates remained stable during Q4, with slight improvement for polio, pneumococcal, and HepB vaccinations.

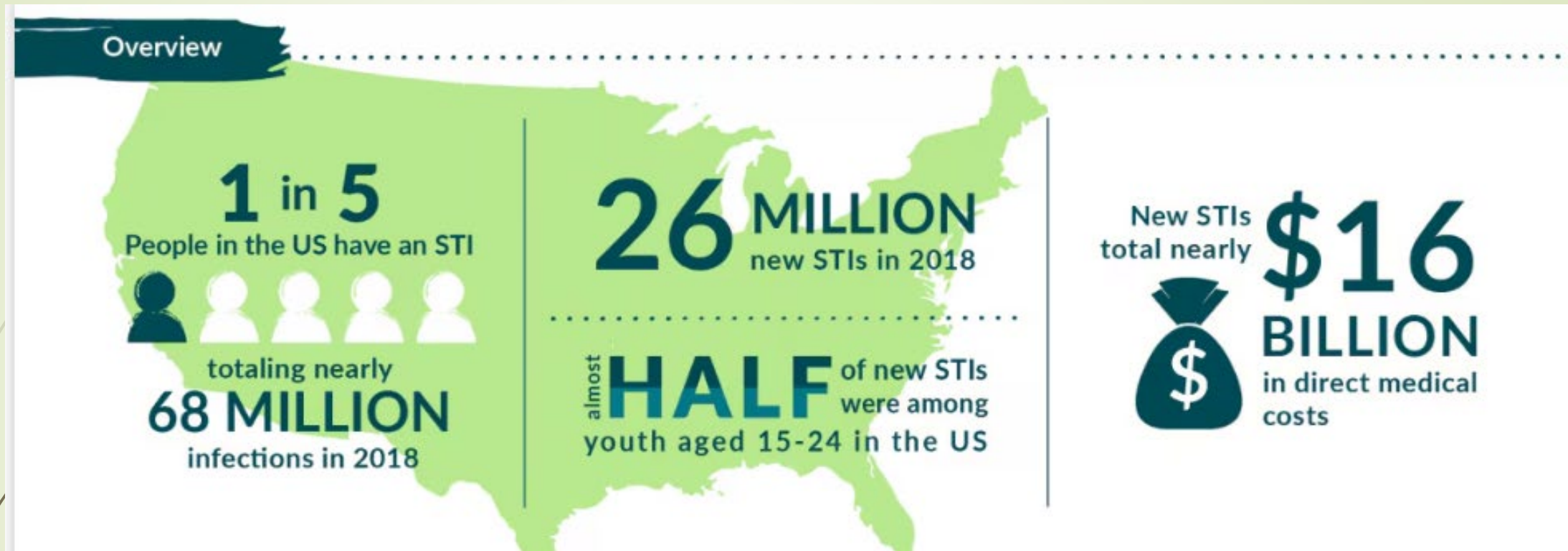
	Anc	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	2023 Q1	2023 Q2	2023 Q3	2023 Q4
Childhood Series, 19-35 Months	64	56	54	62	55	59	55	57	59	59	59
4 DTaP/DT/Td	66	60	57	65	58	64	59	61	63	63	63
3 Hib	79	73	69	78	79	76	87	75	77	77	77
3 Polio	81	80	73	80	80	83	84	77	79	79	80
3 HepB	85	82	79	84	89	86	92	82	84	84	85
1 MMR	80	73	72	78	79	78	86	75	77	77	77
1 Varicella	75	70	70	74	76	76	81	71	73	74	74
4 PCV	77	71	69	76	75	74	82	72	74	74	75



<https://health.alaska.gov/dph/Epi/iz/Documents/letstalkvaccines/AK-Vaccination-Coverage.pdf>



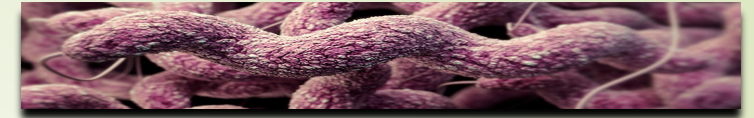
Syphilis – Sexually transmitted disease



- Alaska has one of the highest rates nationally
- Congenital syphilis is on the rise in Alaska
- Syphilis has been reported on the Kenai Peninsula Borough
 - Free pregnancy test kits
 - Promote STI awareness and resource pamphlet



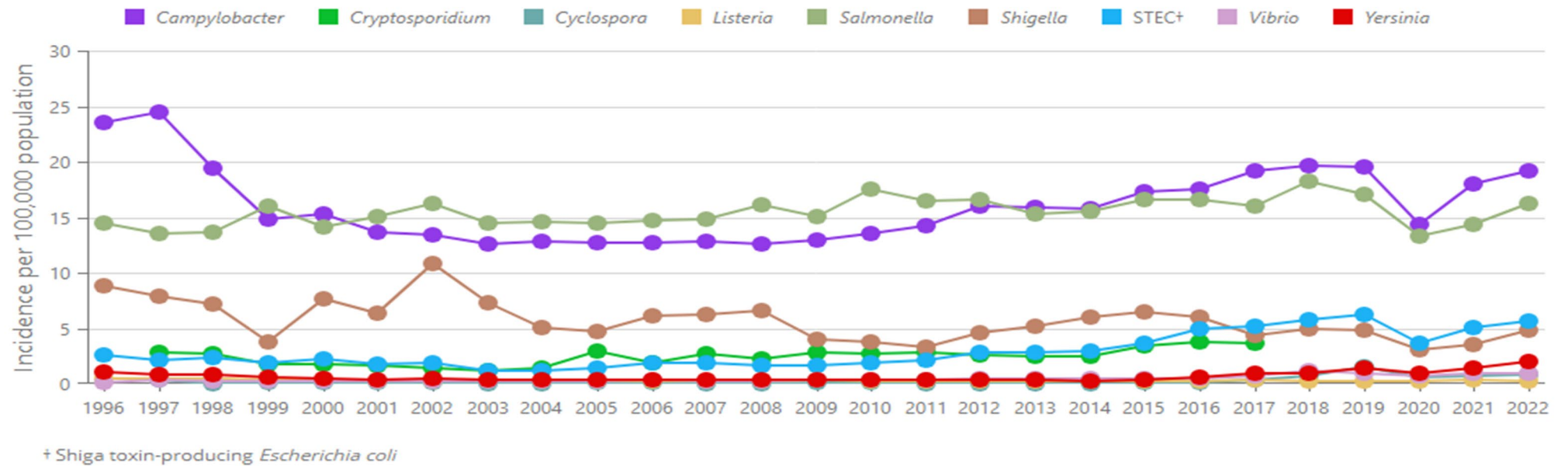
Infectious Disease - Food and Waterborne Illness



Pathogen Surveillance

Infections by year

Incidence per 100,000 population – FoodNet sites



Local epidemiology
case surveillance

- Campylobacter
- E. Coli
- Salmonella



Families and Flocks

don't wing it...



<https://www.cdc.gov/healthypets/resources/backyard-flock.pdf>

HEALTHY FAMILIES AND FLOCKS

Backyard poultry, such as chicken, ducks, geese, and turkeys, often carry harmful germs. You can get sick from touching your backyard poultry or anything in their environment and then touching your mouth or food and swallowing the germs.

HANDLE BIRDS SAFELY



- Always wash your hands with soap and water right after touching backyard poultry or anything in the area where they live and roam.
- Use hand sanitizer if soap and water are not readily available.
- Adults should supervise handwashing for young children.
- Do not snuggle or kiss the birds, touch your mouth, or eat or drink around backyard poultry.
- Children younger than 5 years old, people with weakened immune systems, and people 65 years of age and older are at more risk for serious illness caused by diseases spread between poultry and people.

SAFELY CLEAN COOPS

- Clean poultry equipment and supplies outside. This includes cages, feed or water containers, and anything used to care for the poultry.
- Set aside a pair of shoes to wear while taking care of poultry and keep those shoes outside of the house.



POULTRY BELONG OUTSIDE

- Do not let backyard poultry inside the house, especially in kitchens.
- Do not let backyard poultry in areas where food or drink is prepared, served, or stored.
- Do not bring chicks, ducklings, and other backyard poultry to schools, childcare centers, or nursing homes.



U.S. Department of
Health and Human Services
Centers for Disease
Control and Prevention

Have a Backyard Flock? Don't Wing It.
Visit www.cdc.gov/healthypets/pets
for more information

CS274 1180

Public Health Interventions



REMINDER/REC
ALL TO ENSURE
ALL CLIENTS ARE
UP TO DATE ON
MMR



OUTREACH HEALTH
CARE PROVIDERS,
SCHOOLS, DAY CARES,
AND OTHER
CONGREGATE SETTINGS
WITH INFORMATION ON
MEASLES



COMMUNITY
OUTREACH AND
EDUCATION





Thank you for you time

Questions?

