



Alaska Vaccination Coverage Report

Quarter 2, 2024

To decrease the risk of acquiring potentially serious vaccine-preventable diseases, Alaskans are recommended to stay up-to-date with all Advisory Committee on Immunization Practices (ACIP)-recommended vaccines.

Methods: VacTrAK data is assessed quarterly to examine vaccination coverage rates among various age groups. This report includes data as of June 30, 2024. Vaccines were selected based on commonly used metrics for vaccine compliance as recommended by the ACIP.

Figure 1: Vaccine series coverage rate (%), 2018-2023

During 2023, childhood vaccination coverage rates increased by 4%, and increased 8% from the lowest point in December 2021. Adult vaccinations for Tdap and Zoster have consistently increased over the last 5 years, with smaller gains for pneumococcal vaccination among adults.

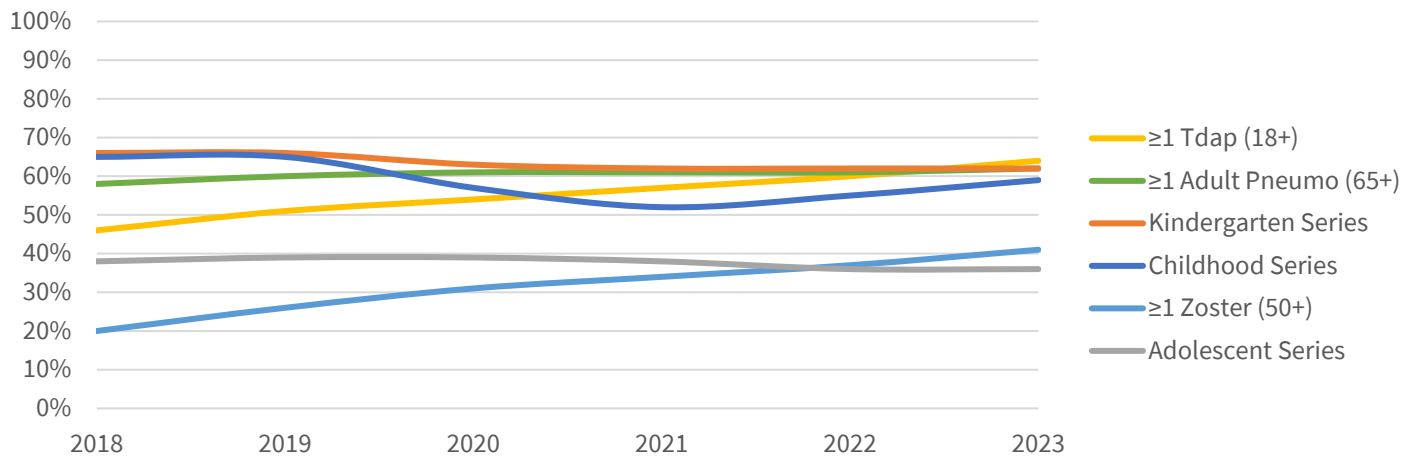


Figure 2: Vaccine series coverage rate (%), Q1 2023 – Q2 2024

From 2023 Q1 to 2024 Q2, the childhood series increased by 4%. Additionally, Tdap and Zoster for adults both increased by 5%. Over the past year, kindergarten rates have dropped 3% and adolescent rates have remained similar.

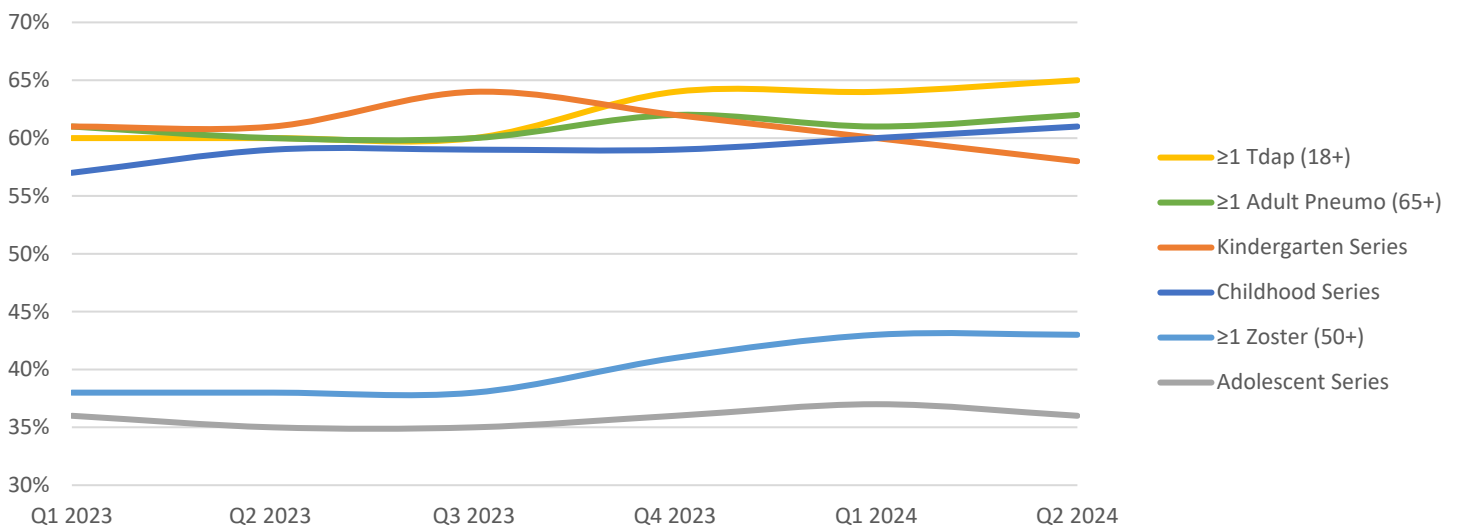


Figure 3: Vaccine series coverage rate (%) by Alaska region, 2024, Q2

Rates vary regionally and by age group. During 2024 Q2, Anchorage had the highest overall rates for childhood immunizations. Northern region had overall highest rates among kindergarten ages, while southwest had highest rate for adolescent vaccinations.

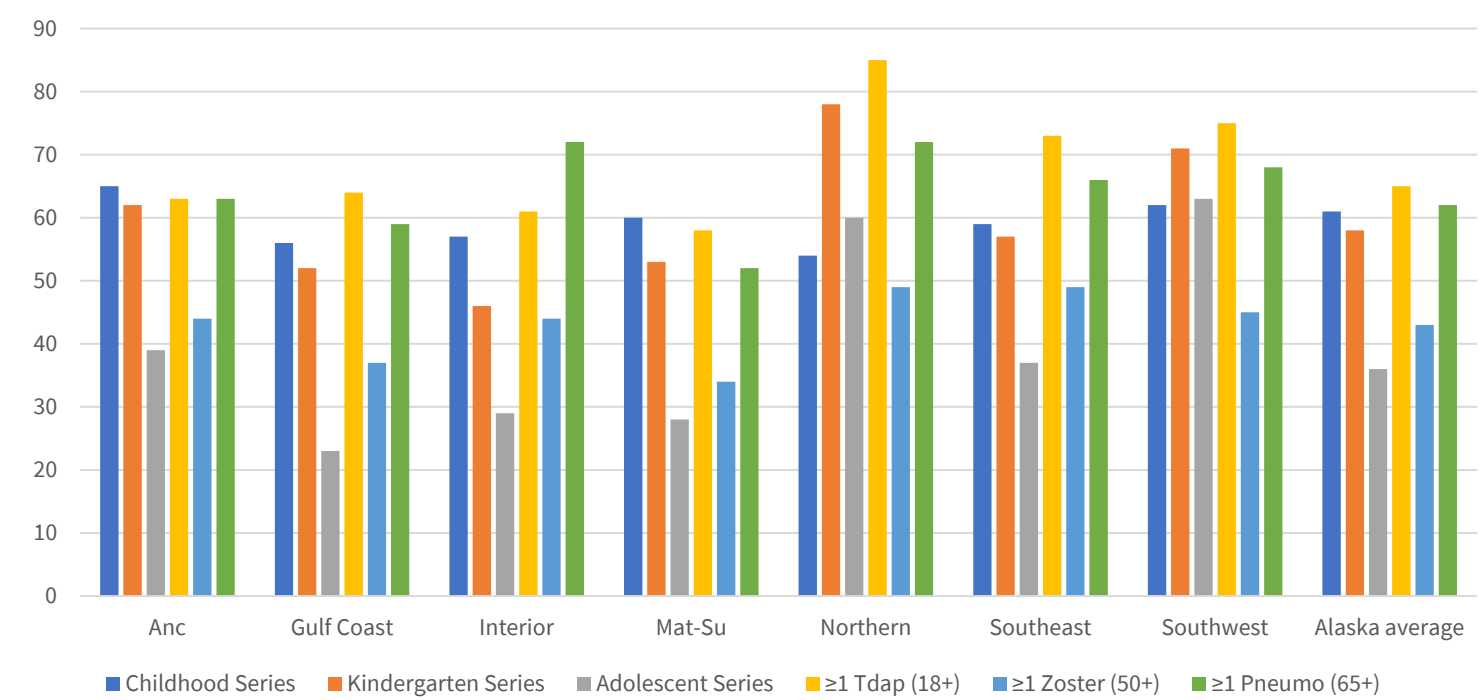


Table 1: Vaccine coverage rate (%) by region, Childhood Series
Childhood Series: 4 DTaP/DT/Td, 3 HIB, 3 Polio, 3 Hep B, 1 MMR, 1 Varicella, 4 PCV

	Anc	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	Alaska average, 2024 Q1	Alaska average, 2024 Q2
Childhood Series, 19-35 Months	65	56	57	60	54	59	62	60	61
4 DTaP/DT/Td	68	61	57	66	60	65	67	63	65
3 HIB	80	74	69	77	78	76	89	77	78
3 Polio	83	82	75	80	83	83	86	80	81
3 Hep B	87	84	80	83	90	87	93	85	86
1 MMR	81	73	73	76	81	78	87	78	79
1 Varicella	77	70	71	73	77	76	83	75	75
4 PCV	78	70	71	75	76	73	85	75	76

Table 2: Vaccine coverage rate (%) by region, Kindergarten Series*Kindergarten Series: 5 DTaP/DT/Td, 3 Polio, 3 Hep-B, 2 MMR, 2 Varicella, 2 Hep A*

	Anc	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	Alaska average, 2024 Q1	Alaska average, 2024 Q2
Kindergarten Series, 5-6 years	62	52	46	53	78	57	71	60	58
5 DTaP/DT/Td UTD	65	57	50	57	83	63	81	64	62
3 Polio	84	82	69	79	95	89	95	84	82
3 Hep B	85	82	70	79	97	89	96	85	83
2 MMR	68	58	51	59	85	65	81	66	64
2 Varicella	65	56	49	57	81	63	74	63	62
2 Hep A	75	70	58	70	88	78	89	74	73

Table 3: Vaccine coverage rate (%) by region, Adolescent Series*Adolescent Series: 1 Tdap, 2 HPV, 1 MenACWY*

	Anc	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	Alaska average, 2024 Q1	Alaska average, 2024 Q2
Adolescent Series, 13-17 Years	39	23	29	28	60	37	63	37	36
≥1 Tdap/Td	68	65	61	66	87	71	88	70	69
≥2 HPV	40	24	30	29	61	38	63	38	37
≥1 MenACWY	59	48	51	51	82	62	83	59	58

Table 4: Vaccine coverage rate (%) by region, Adult Vaccines

Adults, 18 Years and Older	Anc	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	Alaska average, 2024 Q1	Alaska average, 2024 Q2
≥1 Tdap (18+)	62	64	61	57	86	72	75	64	65
≥1 Zoster (50+)	44	37	44	34	50	49	44	43	43
≥1 Pneumo (65+)	63	59	62	53	73	66	68	61	62