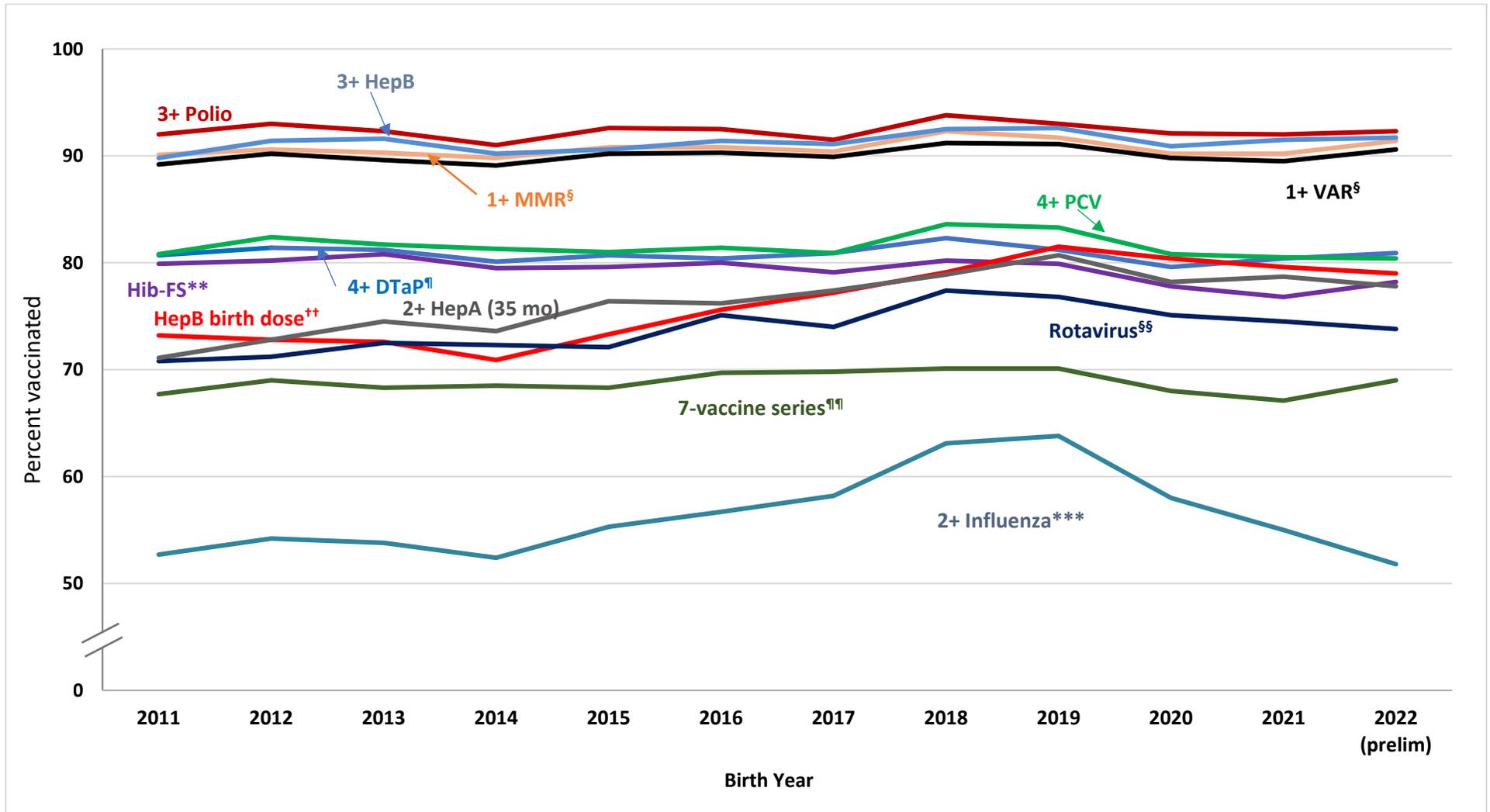


SUPPLEMENTARY FIGURE. Estimated Vaccination Coverage by Age 24 Months,\* by Birth Year,<sup>†</sup> National Immunization Survey-Child, United States, 2012–2024



**Abbreviations:** DTaP = diphtheria and tetanus toxoids and acellular pertussis vaccine; HepA = hepatitis A vaccine; HepB = hepatitis B vaccine; Hib = *Haemophilus influenzae* type b conjugate vaccine; MMR = measles, mumps, and rubella vaccine; PCV = pneumococcal conjugate vaccine; VAR = varicella vaccine.

\* Includes vaccinations received by age 24 months (before the day the child turns 24 months), except for the HepB birth dose, rotavirus vaccination, and  $\geq 2$  HepA doses by age 35 months. For all vaccines except the HepB birth dose and rotavirus vaccination, the Kaplan Meier method was used to estimate vaccination coverage to account for children whose vaccination history was ascertained before age 24 months (35 months for  $\geq 2$  HepA doses).

<sup>†</sup>Children born in 2011 are included in survey years 2012, 2013, and 2014; children born in 2012 are included in survey years 2013, 2014, and 2015; children born in 2013 are included in survey years 2014, 2015, and 2016; children born in 2014 are included in survey years 2015, 2016, and 2017; children born in 2015 are included in survey years 2016, 2017, and 2018; children born in 2016 are included in survey years 2017, 2018, and 2019; children born in 2017 are included in survey years 2018, 2019 and 2020; children born in 2018 are included in survey years 2019 and 2020, and 2021; children born in 2019 are included in survey years 2020, 2021, and 2022; children born in 2020 are included in survey years 2021, 2022, and 2023; children born in 2021 are included in survey years 2022, 2023, and 2024; data for children born in 2022 are considered preliminary and are from survey years 2023 and 2024 (data from survey year 2025 are not yet available).

<sup>§</sup> Includes children who may have been vaccinated with measles, mumps, rubella, and varicella combination vaccine.

<sup>¶</sup> Includes children who may have been vaccinated with diphtheria and tetanus toxoids vaccine or diphtheria, tetanus toxoids, and pertussis vaccine.

\*\* Hib full series: primary series and booster dose, which includes receipt of  $\geq 3$  or  $\geq 4$  doses, depending on product type received.

<sup>††</sup> One dose HepB administered from birth through age 3 days.

<sup>§§</sup> Includes  $\geq 2$  doses of Rotarix monovalent rotavirus vaccine (RV1), or  $\geq 3$  doses of RotaTaq pentavalent rotavirus vaccine (RV5). The maximum age for the final rotavirus dose is 8 months, 0 days.

<sup>¶¶</sup> The combined 7-vaccine series (4:3:1:3\*:3:1:4) includes  $\geq 4$  doses of DTaP,  $\geq 3$  doses of poliovirus vaccine,  $\geq 1$  dose of measles containing vaccine, the full series of Hib ( $\geq 3$  or  $\geq 4$  doses, depending on product type),  $\geq 3$  doses of HepB,  $\geq 1$  dose of VAR, and  $\geq 4$  doses of PCV.

\*\*\* Doses must be at least 24 days apart (four weeks with a four-day grace period); doses could have been received during two influenza seasons.