

# DOSES of VACCINES for U.S. CHILDREN from BIRTH TO 18 YEARS

**1960**  
**TOTAL = 5**

Polio  
Smallpox  
DTP

**1983**  
**TOTAL = 24**  
(7 injections)

DTP (2 months)  
OPV (2 months)  
DTP (4 months)  
OPV (4 months)  
DTP (6 months)  
MMR (15 months)  
DTP (18 months)  
OPV (18 months)  
DTP (4 years)  
OPV (4 years)  
Td (15 years)

**2016**  
**TOTAL = 69**  
(50 injections)

Influenza (pregnancy)  
DTaP (pregnancy)  
Hep B (birth)  
Hep B (2 months)  
Rotavirus (2 months)  
DTaP (2 months)  
HIB (2 months)  
PCV (2 months)  
IPV (2 months)  
Rotavirus (4 months)  
DTaP (4 months)  
HIB (4 months)  
PCV (4 months)  
IPV (4 months)  
Hep B (6 months)  
Rotavirus (6 months)  
DTaP (6 months)  
HIB (6 months)  
PCV (6 months)  
IPV (6 months)  
Influenza (6 months)  
Hib (12 months)  
PCV (12 months)  
MMR (12 months)  
Varicella (12 months)  
Hep A (12 months)  
DTaP (18 months)  
Influenza (18 months)  
Hep A (18 months)  
Influenza (30 months)  
Influenza (42 months)  
DTaP (4 years)  
IPV (4 years)  
MMR (4 years)  
Varicella (4 years)  
Influenza (5 years)  
Influenza (6 years)  
Influenza (7 years)  
Influenza (8 years)  
Influenza (9 years)  
HPV (9 years)  
Influenza (10 years)  
HPV (10 years)  
Influenza (11 years)  
HPV (11 years)  
Tdap (12 years)  
Influenza (12 years)  
Meningococcal (12 years)  
Influenza (13 years)  
Influenza (14 years)  
Influenza (15 years)  
Influenza (16 years)  
Meningococcal (16 years)  
Influenza (17 years)  
Influenza (18 years)

SOURCE: [www.cdc.gov](http://www.cdc.gov)

## ABBREVIATIONS

DTaP: Diphtheria, Tetanus, Acellular Pertussis  
DTP: Diphtheria, Tetanus, Pertussis (whole cell)  
Hep B: Hepatitis B  
HIB: Haemophilus Influenzae type B  
HPV: Human Papilloma Virus  
IPV: Inactivated Polio Vaccine  
MMR: Measles, Mumps, Rubella  
OPV: Oral Polio Vaccine  
PCV: Pneumococcal Conjugate Vaccine  
Td: Tetanus, Diphtheria  
Tdap: Tetanus, Diphtheria, and Pertussis  
Varicella: Chicken Pox

**In 1986, pharmaceutical manufacturers producing vaccines were freed from liability resulting from vaccine injury or death by the Childhood Vaccine Injury Act. Since then, over \$3 billion has been paid out by the U.S. National Vaccine Injury Compensation Program for injuries and deaths caused by vaccines.**