



Vaccine	Age group (yrs)	
	19–49	50–64
Tetanus, diphtheria, pertussis (Td/Tdap) ¹	1-dose Td booster every 10 yrs Substitute 1 dose of Tdap for Td	
Human papillomavirus (HPV) ²	3 doses (females) (0, 2, 6 mos)	
Measles, mumps, rubella (MMR) ³	1 or 2 doses	1 dose
Varicella ⁴	2 doses (0, 4–8 wks)	
Influenza ⁵	1 dose annually	1 dose annually
Pneumococcal (polysaccharide) ^{6,7}	1–2 doses	
Hepatitis A ⁸	2 doses (0, 6–12 mos, or 0, 6–18 mos)	
Hepatitis B ⁹	3 doses (0, 1–2, 4–6 mos)	
Meningococcal ¹⁰	1 or more doses	
Zoster ¹¹		1 dose

 For all persons in this category who meet the age requirements and who lack evidence of immunity (e.g., lack documentation of vaccination or have no evidence of prior infection)

 Recommended if some other risk factor is present (e.g., on the basis of medical, occupational, lifestyle, or other indications)