


# ตารางที่ 1 คำแนะนำการให้วัคซีนป้องกันโรคสำหรับผู้ใหญ่และผู้สูงอายุ จำแนกตามอายุ

สมาคมโรคติดเชื้อ  
แห่งประเทศไทย



Vaccines 	Age groups				
	18-26 years	27-64 years		≥65 years	
Tetanus, diphtheria, and pertussis	Boost with 1 dose of Td every 10 years				
	Substitute one-time of Td with Tdap or TdaP				
Influenza	1 dose annually			1 dose annually (see text)	
COVID-19	1 dose annually (see text)		1 dose annually (age ≥60 years)		
Measles, mumps, and rubella	2 doses (see text)				
Varicella	2 doses (see text)				
Hepatitis A virus	2 doses (see text)				
Hepatitis B virus	See text	3 doses (see text)			
Human papillomavirus	3 doses for female	Age 27–45 years			
	3 doses for male				
Pneumococcal	PCV20 1 dose or PCV13/PCV15 1 dose; consider followed by PPSV23 1 dose (see text)			PCV20 1 dose or PCV13/PCV15 1 dose; consider followed by PPSV23 1 dose (see text)	
	PCV20 1 dose or PCV13/PCV15 1 dose followed by PPSV23 1–2 dose(s) for persons with immunocompromising conditions including cerebrospinal fluid leak and cochlear implant (see text)				
Respiratory syncytial virus	1 dose in pregnancy (see text)			1 dose (age 60–74 years) (see text)	1 dose (age ≥75 years)
Live-attenuated zoster				1 dose (age ≥60 years)	
Recombinant zoster	2 doses for persons with immunocompromising conditions		2 doses (age ≥50 years)		
Live-attenuated dengue 2 - dengue	2 doses (age 4–60 years)				
Live-attenuated chimeric yellow fever dengue	3 doses (age 6–45 years) only for persons with evidence of past dengue infection				
Japanese encephalitis	1, 2, or 3 dose(s) depending on types of vaccine and risk conditions (see text)				
Meningococcal	1, 2, or 3 dose(s) depending on types of vaccine and risk conditions (see text)				
Mpox	2 doses		1 or 2 dose(s) depending on risk conditions and previous vaccination history		

Recommended for adults with age requirement or lack evidence of protective immunity

Consider (optional vaccine) for adults with age requirement

Recommended for adults with an additional risk factor

Share clinical decision making


Contraindicated or cautious

No specific recommendation

## ตารางที่ 2 คำแนะนำการให้วัคซีนป้องกันโรคสำหรับผู้ใหญ่และสูงอายุที่มีโรคประจำตัว หญิงตั้งครรภ์ และบุคลากรทางการแพทย์

สมาคมโรคติดเชื้อ  
แห่งประเทศไทย



Vaccines 	Pregnancy	Healthcare personnel	Heart disease, diabetes, or chronic lung disease	Chronic kidney disease	Chronic liver disease	Asplenia	HIV	Immunocompromised	Post-transplantation	Traveler
Tetanus, diphtheria, and pertussis	1 dose of Tdap, TdaP, or aP	Boost with 1 dose of Td every 10 years								
		Substitute one-time of Td with Tdap or TdaP								
Influenza	1 dose	1 dose annually							See text	1 dose annually
COVID-19	1 dose	1 dose annually						1–2 dose(s)		
Measles, mumps, and rubella		2 doses					2 doses if CD4 ≥200 and ≥15%		SOT	2 doses
									HSCT	
Varicella		2 doses					2 doses if CD4 ≥200 and ≥15%		SOT	2 doses
									HSCT	
Hepatitis A virus	2 doses				2 doses	2 doses	2 doses		2 doses	2 doses
Hepatitis B virus	3 doses	3 doses		See text	3 doses		See text	3 doses	SOT: 4 doses HSCT: 3 doses	3 doses
Human papillomavirus							3 doses			
Pneumococcal			See text							
Respiratory syncytial virus	Bivalent 1 dose		1 dose if age ≥60 years							
Live-attenuated zoster							If CD4 <200			
Recombinant zoster							2 doses			
Dengue			2 or 3 doses depending on types of vaccine				If CD4 <200			2 doses
Japanese encephalitis							If CD4 <200			2 or 3 doses
Meningococcal						See text	If CD4 <200	If receive complement inhibitor		See text
Yellow fever							If CD4 <200			1 doses
Rabies										2 doses

HSCT: hematopoietic stem cell transplantation; SOT: solid organ transplantation; Unit of CD4 is cells/mm<sup>3</sup>

Recommended for adults with age requirement or lack evidence of protective immunity

Recommended for adults with an additional risk factor

Consider (optional vaccine) for adults with age requirement

Contraindicated or cautious

No specific recommendation