

Geologic Time Scale

Eon		Era		Period	Epoch	Ma	
Phanerozoic	Cenozoic	Quaternary (Q)		Holocene		0	
				Pleistocene		0.0117	
		Neogene		Tertiary (T)		Pliocene	2.58
						Miocene	5.3
						Oligocene	23
		Paleogene				Eocene	34
						Paleocene	56
							66
		Mesozoic		Cretaceous (K)			145
				Jurassic (J)			201
	Triassic (T)				252		
	Paleozoic		Permian (P)			299	
			Pennsylvanian (P)			323	
			Mississippian (M)			359	
			Devonian (D)			419	
			Silurian (S)			444	
			Ordovician (O)			485	
			Cambrian (C)			541	
	Precambrian (pC)	Proterozoic	Neoproterozoic (Z)			1000	
Mesoproterozoic (Y)				1600			
Paleoproterozoic (X)				2500			
Archean (W)			4000				
Hadean			4540				

Ma = mega-annum (million years). Most ages are rounded to the nearest Ma. Common map age symbols shown in ().
 Modified from the ICS International Chronostratigraphic Chart, version 2020/03. Not drawn to scale.