

- 1 Prehistoric epidemic: Circa 3000 B.C.
- 2 Plague of Athens: 430 B.C.
- 3 Antonine Plague: A.D. 165-180
- 4 Plague of Cyprian: A.D. 250-271
- 5 Plague of Justinian A.D. 541-542
- 6 Leprosy 11th Century
- 7 The Black Death: 1346-1353
- 8 Cocoliztli epidemic: 1545-1548
- 9 American Plagues: 16th century
- 10 Great Plague of London: 1665-1666
- 11 Great Plague of Marseille: 1720-1723
- 12 Russian plague: 1770-1772
- 13 Philadelphia yellow fever epidemic: 1793
- 14 Cholera 1817
- 15 Plague 1855 Bubonic Plague
- 16 Fiji Measles 1875
- 17 Flu pandemic: 1889-1890

UNKNOWN
 WAR: Peloponnesian War between Athens and Sparta
 WAR: Roman soldiers likely brought smallpox home
 UNKNOWN: Carthage, Rome
 SANITATION: Byzantine Empire. Bubonic plague, spread by flea bites and handling infected small animal carcasses. Bacterial: Yersinia pestis
 UNKNOWN: Still exists.
 SANITATION: spread by fleas on infected rodents.
 NATURAL CATASTROPHE + SANITATION: Salmonella in population already weakened by extreme drought, spread by eating or drinking food or water contaminated with the feces of an infected person or prepared by an infected person
 WAR: Brought by conquering colonial forces
 SANITATION: fleas from plague-infected rodents
 SANITATION: fleas on plague-infected rodents
 WAR + SANITATION: Bubonic plague
 Mosquitos
 SANITATION: feces-infected water, food
 SANITATION: fleas from plague-infected rodents
 WAR/COLONIZATION lack of immunity
 UNKNOWN: possibly an H3N8 virus

SANITATION: feces-infected water, food AIRBORNE: droplets from infected person - more rare, toxic chemicals
 WAR: H1N1
 H2N2, descended from 1918 H1N1
 H3N2, descended from 1918 H1N1
 human immunodeficiency virus
 H5N1
 SARS-CoV
 H1N1, descended from, similar to 1918 H1N1 Only the 2009 H1N1 expresses an antigenically similar hemagglutinin (HA)
 Ebola
 Zika
 SAR-CoV-2

Unknown	War	Sanitation	Natural Disaster	Insects/Zoonotic	Virus	Bacteria	Toxic Chemicals	
1								
	1					1		
	1					1		
1						1		
		1		1		1		
1								
		1	1				1	
	1					1		
		1				1		
	1	1		1		1		
		1		1	1		1	
	1					1		
1						1		
4	5	8	1	8	3	12	0	Pre-20th C
		1					1	
	1			1	1			
					1			
				1	1			
0	1	1	0	2	4	0	1	20th C
				1	1			
				1	1			
				1	1			
0	0	0	0	4	6	0	0	21st C
4	6	9	1	14	13	12	1	TOTAL