

**Table S1.** Onset of outbreak of infectious diseases around the world over the last six years (until September 2016), according to the World Health Organization (WHO) [14–17]. Data are presented by continent, country, disease, and year of the outbreak.

Continent	Country (or Geographical Region)	Disease and/or Epidemiological AGENT	Month and Year that the Outbreak Occurs
Africa	Central Africa	Cholera	October 2010
		Poliomielitis	June 2014
		Monkeypox	October 2016
	West Africa	Ebola virus	April, May, June, July, August, September 2014
	Angola	Poliomielitis	July, September, 2010
		Yellow fever	February, March, April, June 2016
	Benin	Lassa fever	February, June 2016
	Burkina Faso	Dengue Fever	November 2016
	Cabo Verde	Zika virus	December 2015
	Cameroon	Yellow fever	February and May 2010
			February 2012
			October 2013
		Wild Poliovirus	November 2013
		Poliomielitis	March 2014
	Ivory Coast	Yellow fever	January 2010.
			January 2011.
	Horn of Africa	Wild Poliovirus	May, October, 2013
	Chad	Meningococcal disease, <i>Neisseria meningitidis</i> infectious agent	April 2010
			March 2011
		Poliomielitis	June 2011
		Yellow fever	February 2013
	Egypt	Dengue	November 2015
	Guinea	Yellow fever	January 2010
		Ebola hemorrhagic fever	March 2014
	Ghana	Yellow fever	February 2012
	Kenya	Chikungunya	August 2016
	Liberia	Ebola hemorrhagic fever	March 2014
Lassa fever		May 2016	
Madagascar	Poliovirus	July 2015	
	Plague (bubonic, pneumonic and septicemic)	September 2015	
Mali	Ebola virus	October 2014	
Mauritania	Rift Valley fever	November 2012	

	Nigeria	Lassa fever	April 2012
			January, May 2016
		Meningococcal disease	March 2015
		Rift Valley fever	September, November 2016
	Democratic Republic of Congo	Yellow fever	July 2010
			December 2012
			April, June 2016
		Poliomyelitis	September, November 2010
		Cholera	July 2011
			July 2012
			December 2015
	Ebola hemorrhagic fever	August, September, October 2012	
	Senegal	Yellow fever	October 2010
			December 2011
		Ebola virus	August 2014
		Chikungunya	September 2015
	Sierra Leone	Yellow fever	March 2011
		Cholera	August, September, October 2012
		Ebola virus	June 2015
	South Africa	Rift Valley fever	May 2010
	Sudan	Yellow fever	November, December 2012
			December 2013
	South Sudan	Hemorrhagic fever syndrome	May 2016
	United Republic of Tanzania	Cholera	September, October, November 2015
	Togo	Lassa fever	March 2016
	Uganda	Yellow fever	January 2011
April 2016			
Ebola hemorrhagic fever		May 2011	
		July, August, November 2012	
Marburg haemorrhagic fever		October, November 2012	
		October 2014	
Typhoid fever	March 2015		
America	Argentina	Zika virus	March 2016
		Chikungunya	March 2016
	Barbados	Zika virus	January 2016
	Bolivia	Zika virus	January 2016
	Brazil	Poliovirus in sewage	June 2014

	West Nile Virus	November 2014
	Zika virus	October 2015
	Microcephaly	November, December 2015
		January 2016
	Guillain-Barré syndrome	February 2016
Colombia	Zika virus	October 2015
	Guillain-Barré syndrome	February 2016
Cuba	Zika virus	March 2016
Chile	Measles	March, April, June, 2011
		May, June 2015
	Zika virus	April 2016
Ecuador	Zika virus	January 2016
El Salvador	Zika virus	November 2015
	Guillain-Barré syndrome	January 2016
United States of America	Hantavirus pulmonary syndrome	September 2012
	Enterovirus D68	September 2014
	Ebola virus	October 2014
	Measles	January, August 2013
		December 2014
		January, most wanted, March, April, May 2015
	Lassa fever	May 2015
	Microcephaly	February 2016
	Zika virus	February 2016
	Guillain-Barré syndrome	March 2016
	Elizabethkingia	April 2016
	Chikungunya	June 2016
Guatemala	Zika virus	November 2015
French Guiana	Zika virus	January 2016
Haiti	Cholera	October, November 2010
	Zika virus	January 2016
Honduras	Zika virus	December 2015
Mexico	Cholera	October, November 2013
	Zika virus	December 2015
Panama	Zika virus	December 2015
	Microcephaly	March 2016
	Guillain-Barré syndrome	March 2016
Paraguay	Zika virus	December 2015
Peru	Plague (bubonic, pneumonic and septicemic)	August 2010

		Zika virus	April 2016
		Oropouche virus disease	June 2016
	Puerto Rico	Zika virus	January 2016
	Dominican Republic	Zika virus	January 2016
	Saint Lucia	Zika virus	April 2016
	Surinam	Zika virus	November 2015
	Trinidad and Tobago	Zika virus	February 2016
	Uruguay	Dengue	March 2016
	Venezuela	Zika virus	December 2015
		Guillain-Barré syndrome	February 2016
Asia	Saudi Arabia	Middle East respiratory syndrome coronavirus (MERS-CoV)	May, June, July, August, September, October, November, December 2013
			January, February, March, April, May, June, July, October, November, December 2014
			May, June, July, August, September, October, November, December 2015
			January, February, March, May, June, July, September, October, November 2016
	Central Asia	Poliomyelitis	November 2010
	Bangladesh	Avian influenza, H5N1 virus infectious agent	March 2011
			March 2012
	Cambodia	Avian influenza, H5N1 virus infectious agent	February, April, August 2011
			January, April, May 2012
			February 2013
	China	Avian influenza, H5N1 virus infectious agent	May, November 2010
			January, June 2012
			January 2014
		Wild poliovirus	September 2011
		Avian influenza, H7N9 virus infectious agent	April, May, July, August, October, November, December 2013
			January, February, March, April, May, June, September, October, December 2014
March, June, July, October, November, December 2015			
January, February, March, May, July, August, November 2016			
Avian influenza, H5N6 virus infectious agent		December 2014	
	July 2015		
	January, March, May, June 2016		
Measles	Throughout 2014		

		January, February, March, April 2015
	Rubella	May, June, July, August, October, November 2014
		January, March 2015
	Middle East respiratory syndrome coronavirus (MERS-CoV)	May 2015
	Yellow fever	April 2016
	Rift Valley fever	August 2016
United Arab Emirates	Middle East respiratory syndrome coronavirus (MERS-CoV)	May, June 2015
		January 2016
The Philippines	Measles	Throughout 2014
		January, February, March 2015
	Middle East respiratory syndrome coronavirus (MERS-CoV)	July 2015
Indonesia	Avian influenza, H5N1 virus infectious agent	February, July, August, October, December, 2010
		March, April, May, June, October, November 2011
		January, February, March, April, July, 2012
Iraq	Cholera	September, October, November 2015
Iran	Middle East respiratory syndrome coronavirus (MERS-CoV)	May 2015
Israel	Poliovirus	August, September 2013
Japan	Measles	Throughout 2014
		January, February, March, April 2015
Jordan	Middle East respiratory syndrome coronavirus (MERS-CoV)	September, October 2015
Kuwait	Middle East respiratory syndrome coronavirus (MERS-CoV)	September 2015
Kyrgyzstan	Measles	January 2015
Malaysia	Measles	Throughout 2014
		January, February, March, April 2015
Maldives	Zika virus	January 2016
Mongolia	Measles	March, April 2015
Oman	Middle East respiratory syndrome coronavirus (MERS-CoV)	June 2015
		January 2016
Pakistan	Crimean–Congo hemorrhagic fever	October 2010
	Dengue	October 2010
	Cholera	October 2010
	The international spread of wild poliovirus from Pakistan is confirmed	September 2011
Qatar	Middle East respiratory syndrome coronavirus (MERS-CoV)	October 2014
		May 2015

			March, May, June 2016
	Republic of Korea	Middle East respiratory syndrome coronavirus (MERS-CoV)	May, June, July, October, November 2015
		Measles	April, May, June, July, August, September, October 2014
			March 2015
	Myanmar	Poliovirus	December 2015
	Lao People's Democratic Republic	Poliovirus	November, December 2015
			January 2016
	Russia	Poliomyelitis	November 2010
	Singapore	Measles	April, May, June, July, August, October, December 2014
			January, February 2015
	Syria	Poliomyelitis	October, November 2013
			March 2014 (worldwide spread)
	Thailand	Middle East respiratory syndrome coronavirus (MERS-CoV)	June, July 2015
			January, August 2016
	Tajikistan	Poliomyelitis	April 2010
	Vietnam	Avian influenza, H5N1 virus infectious agent	March, April 2010
			January, February, March 2012
		Measles	Throughout 2014
			January, February, March 2015
		Zika virus	April 2016
Europe	Austria	Middle East respiratory syndrome coronavirus (MERS-CoV)	September 2016
	Germany	Hemolytic uremic syndrome outbreak	May, June 2011
		Middle East respiratory syndrome coronavirus (MERS-CoV)	March 2015
		Lassa fever	March 2016
	Europe	West Nile virus (WNV)	August 2011
		Measles	March 2015
	Spain	Ebola virus	October 2014
		Measles	November 2010
			January, August 2011
			June, July 2013
			January, February, March, July 2014
		Diphtheria, infectious agent <i>Corynebacterium diphtheriae</i>	May, June 2015
	Chikungunya	August, September 2015	
France	Measles	January, February, March, April 2011	
	Chikungunya	October 2014	
	Zika virus	March 2016	

	Portugal	Dengue	October 2012
		West Nile Virus	September 2015
	United Kingdom	A new coronavirus infection	September, October, November 2012
			February, March, May, 2013
		Ebola virus disease	December 2014
		Enterohaemorrhagic <i>Escherischia coli</i>	July 2016
	Sweden	Lassa fever	April 2016
Turkey	Middle East respiratory syndrome coronavirus (MERS-CoV)	October 2014	
Oceania	Australia	Measles	Throughout 2014
			January, February, March, April 2015
	New Zealand	Measles	April, May, June, July, August, October, November 2014
			February 2015
		Rubella	June 2014
	Papua New Guinea	Measles	Throughout 2014
January, February, March 2015			
	Zika virus	April 2016	