

Table 6 Morbidity rate and mortality rate by year, Thailand, 2006 - 2015

No.	Diseases	2015		2014		2013		2012		2011		2010		2009		2008		2007		2006	
		C-R	D-R	C-R	D-R	C-R	D-R	C-R	D-R	C-R	D-R	C-R	D-R	C-R	D-R	C-R	D-R	C-R	D-R	C-R	D-R
1	Cholera	0.19	0.002	0.02	0	0.01	0	0.07	0	0.44	0.01	2.51	0.02	0.46	0.002	0.38	0.00	1.57	0.01	0.06	-
2	Acute diarrhoea	1699.54	0.005	1708.75	0.03	1756.48	0.02	1913.35	0.04	2068.09	0.09	2168.89	0.07	2023.64	0.10	1924.11	0.08	2050.78	0.13	1988.11	0.14
3	Food poisoning	200.22	0	207.52	0	204.07	0	185.78	0	160.31	0.00	171.22	0.01	162.98	0.002	171.88	-	196.36	0.01	216.47	0.01
4	Dysentery - Total	10.91	0.002	12.48	0	15.26	0	20.37	0	22.72	0.00	24.58	0.00	23.81	-	25.39	0.003	30.23	0.003	30.77	0.00
-	Bacillary	4.02	0	3.93	0	4.62	0	5.13	0	6.01	0.00	6.48	0.00	6.73	-	6.39	-	3.56	-	6.33	-
-	Amoebic	4.63	0.002	4.99	0	5.24	0	5.47	0	5.21	0.00	4.81	0.00	3.39	-	2.91	0.002	7.54	0.003	3.44	-
-	Unspecified	2.13	0	3.56	0	4.98	0	9.77	0	11.09	0.00	13.30	0.00	13.69	-	16.09	-	19.12	-	21.00	0.00
5	Enteric fever - Total	3.09	0	3.69	0	5.33	0	7.14	0	8.96	0.00	9.89	0.00	10.32	-	11.27	-	9.81	-	11.09	-
-	Typhoid	2.44	0	3.04	0	4.03	0	5.51	0	6.08	0.00	5.36	0.00	5.78	-	5.98	-	5.03	-	5.90	-
-	Paratyphoid	0.52	0	0.46	0	0.51	0	0.51	0	0.60	0.00	0.59	0.00	0.77	-	0.52	-	0.42	-	0.57	-
-	Unspecified	0.08	0	0.2	0	0.63	0	1.12	0	2.12	0.00	3.94	0.00	3.76	-	4.81	-	4.36	-	4.63	-
6	Hepatitis-Total	13.06	0.002	12.65	0	13.95	0.02	16.62	0.02	16.74	0.01	16.18	0.02	16.30	0.03	16.71	0.01	15.86	0.02	13.80	0.02
-	Hepatitis A	0.6	0	0.69	0	0.57	0	2.32	0	0.71	0.00	0.72	0.00	0.78	0.002	0.79	-	0.62	-	0.71	-
-	Hepatitis B	10.16	0	9.67	0	9.61	0.02	9.07	0.01	9.93	0.00	9.23	0.01	8.46	0.01	8.12	-	6.93	0.01	5.47	0.01
-	Hepatitis C	0.58	0	0.54	0	0.69	0	1.32	0	2.16	0.00	1.70	0.00	1.93	0.002	2.08	-	1.81	-	1.17	-
-	Hepatitis D	0.01	0	0.05	0	0.12	0	0.24	0	0.45	0.00	0.39	0.00	0.21	-	0.17	-	0.11	-	0.01	-
-	Hepatitis E	0.07	0	0.05	0	0.11	0	0.08	0	0.05	0.00	0.08	0.00	0.09	-	0.05	-	0.05	-	0.04	-
-	Unspecified	1.47	0.002	1.66	0	2.47	0	3.59	0	3.14	0.00	4.06	0.01	4.83	0.01	4.86	0.01	6.34	0.01	6.40	0.01
7	Haemorrhagic Conjunctivitis	194.19	0	685.16	0	194.37	0	184.98	0	249.09	0.00	187.31	0.00	342.57	-	139.91	-	165.83	-	417.53	-
8	Influenza	119.53	0.06	114.12	0.15	68	0	96.63	0.01	97.08	0.01	180.82	0.20	189.73	0.36	31.97	-	29.19	0.02	27.82	-
9	Rubella	0.35	0	0.24	0	0.83	0	0.77	0	0.81	0.00	0.61	0.00	0.94	-	0.95	-	0.54	-	0.80	-
10	Chickenpox	79.45	0.002	128.78	0	76.69	0	86.62	0	127.95	0.00	77.22	0.00	140.64	0.005	117.51	0.005	100.26	0.002	78.71	0.003
11	Pyrexia of Unknown origin	728.65	0.002	575.47	0	803.17	0	541.02	0.01	504.09	0.00	616.04	0.03	483.24	0.01	367.26	0.02	365.80	0.04	327.31	0.03
12	Meningococcal Meningitis	0.04	0.003	0.02	0.01	0.02	0	0.01	0	0.03	0.00	0.04	0.01	0.05	0.01	0.02	-	0.05	0.02	0.06	0.01
13	Polio myelitis	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	-	-	0.00	-	-	-	-	-
14	Acute Flaccid Paralysis*	1.51	0	1.98	0	2.02	0	2.16	0	0.39	0.00	0.32	0.00	1.64	0.02	1.99	0.04	1.71	0.01	2.28	0.04
15	Measles-Total	1.54	0	1.8	0	4.21	0	8.1	0	5.02	0.00	4.05	0.00	9.57	-	11.93	-	6.19	-	5.73	-
-	Without Complication	1.39	0	1.61	0	3.87	0	7.28	0	4.41	0.00	3.61	0.00	8.46	-	10.27	-	5.31	-	5.31	-
-	With Complication	0.13	0	0.2	0	0.22	0	0.82	0	0.53	0.00	0.44	0.00	1.10	-	1.16	0.002	0.88	0.002	0.42	0.00
16	Diphtheria	0.03	0.01	0.03	0.01	0.04	0.01	0.1	0.02	0.04	0.02	0.12	0.02	0.02	0.003	0.012	0.009	0.005	0.002	0.00	0.002
17	Pertussis	0.08	0.005	0.02	0	0.04	0.003	0.03	0	0.02	0.00	0.01	0.00	0.04	-	0.02	-	0.04	-	0.11	-
18	Tetanus-Total	0.12	0.003	0.11	0.004	0.2	0	0.16	0.01	0.18	0.02	0.20	0.02	0.20	0.01	0.16	0.01	0.22	0.01	0.23	0.02
-	Tetanus Exc. Neo.	0.12	0.003	0.11	0.003	0.19	0	0.15	0.01	0.17	0.02	0.19	0.01	0.20	0.01	0.15	0.01	0.21	0.01	0.23	0.02
-	Tetanus neonatorum *****	0	0	0.24	0.12	0.02	0	0.42	0	0.11	0.00	0.00	0.00	0.13	-	0.38	0.13	0.50	-	0.37	0.25
19	Dengue haemorrhagic fever-Total	226.06	0.24	63.25	0.08	246.34	0.22	123.85	0.14	111.10	0.10	183.59	0.22	89.27	0.08	137.23	0.16	104.21	0.15	74.78	0.09
-	DHF	88.13	0.06	26.72	0.01	100.27	0.05	59.54	0.05	60.39	0.03	95.40	0.05	48.03	0.01	78.63	0.05	62.05	0.05	46.35	0.02
-	DSS	2.18	0.16	0.86	0.07	3.57	0.15	2.21	0.09	2.19	0.07	4.75	0.16	1.54	0.06	2.49	0.11	1.72	0.09	1.19	0.07
-	DF	132.96	0.01	35.67	0	135.66	0.01	62.1	0	46.52	0.00	83.43	0.00	39.70	0.003	56.11	0.002	40.43	0.003	27.25	-
20	Malaria	9.19	0.01	17.48	0.01	22.81	0.01	25.2	0.03	33.01	0.02	40.25	0.05	36.61	0.03	0.64	0.03	49.08	0.06	46.25	0.08
21	Encephalitis - Total	1.02	0.01	0.89	0.01	1.15	0.03	1.06	0.02	0.91	0.02	0.68	0.04	0.64	0.03	0.10	-	0.59	0.03	0.51	0.03
-	Japanese B	0.02	0	0.02	0	0.09	0	0.09	0	0.81	0.02	0.06	0.00	0.06	-	0.54	0.027	0.07	0.002	0.08	0.02
-	Unspecified	0.99	0.01	0.87	0.01	1.02	0.02	0.96	0.02	0.08	0.00	0.61	0.03	0.59	0.03	44.25	0.06	0.52	0.03	0.44	0.08

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		C-R	D-R	C-R	D-R	C-R	D-R	C-R	D-R	C-R	D-R	C-R	D-R	C-R	D-R	C-R	D-R	C-R	D-R	C-R	D-R
22	Pneumonia	330.06	0.74	307.12	1.57	287.03	1.84	304.89	2	281.31	1.88	267.63	1.95	230.18	1.82	214.77	1.53	226.03	1.66	232.01	1.40
23	Leptosy	0.09	0	0.05	0	0.08	0	0.37	0	0.48	0.00	0.59	0.00	0.56	-	0.59	-	0.54	0.00	0.62	0.00
24	Sexually transmitted Infection	61.78	0	53.55	0	52.97	0	51.31	0	45.92	0.00	40.87	0.00	37.22	-	30.44	-	28.50	-	26.00	-
-	Syphilis	5.16	0	4.73	0	3.6	0	3.17	0	3.62	0.00	2.85	0.00	3.27	-	2.16	-	2.53	-	2.43	-
-	Gonorrhoea	13.07	0	10.5	0	10.28	0	11.38	0	12.56	0.00	11.82	0.00	11.33	-	9.44	-	8.97	-	8.39	-
-	N.S.U.V.	3.87	0	3.2	0	3.03	0	3.53	0	3.62	0.00	3.66	0.00	4.09	-	4.42	-	5.55	-	5.63	-
-	Chancroid	1.24	0	0.97	0	0.92	0	0.91	0	0.78	0.00	0.72	0.00	0.64	-	0.59	-	0.54	-	0.47	-
-	Lympho-granuloma venereum, others, unspecified	0.37	0	0.28	0	0.54	0	1.24	0	1.36	0.00	1.40	0.00	17.90	-	15.20	-	10.91	-	9.08	-
25	Rabies	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.04	0.04	0.01	0.01	0.03	0.03	0.04	0.04
26	Leptospirosis	3.38	0.08	3.47	0.04	4.8	0.05	6.65	0.1	6.66	0.11	7.76	0.07	8.57	0.10	6.45	0.12	5.21	0.09	6.29	0.11
27	Scrub Typhus	11.83	0.02	14.75	0.01	16.99	0.01	14.65	0.02	11.43	0.00	10.87	0.01	9.33	0.01	6.67	0.01	6.09	0.01	5.21	0.00
28	Anthrax	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-
29	Trichinosis	0	0	0.05	0	0.03	0	0.03	0	0.00	0.00	0.00	0.00	0.06	-	0.07	-	0.10	-	0.03	-
30	Occupational Diseases - Total	5	0	1.5	0	1.32	0.00	3.82	0	3.92	0.00	4.44	0.00	3.57	-	3.27	-	3.15	-	2.45	-
-	Pesticide poisoning	3.7	0	0.43	0	0.85	0.00	2.35	0	3.20	0.00	3.39	0.00	2.66	-	2.61	-	2.31	-	2.00	-
-	Lead poisoning	0.04	0	0.01	0	0.08	0.00	0.05	0	0.02	0.00	0.04	0.00	0.04	-	0.04	-	0.03	-	0.03	-
-	Mn, Hg, As poisoning	0.04	0	0	0	0.01	0.00	0.14	0	0.06	0.00	0.17	0.00	0.07	-	0.06	-	0.05	-	0.04	-
-	Petroleum products poisoning	0.29	0	0.04	0	0.02	0.00	0.2	0	0.21	0.00	0.30	0.00	0.23	-	0.25	-	0.21	-	0.19	-
-	Gas, vapor poisoning	0.16	0	0.02	0	0.07	0.00	0.12	0	0.07	0.00	0.12	0.00	0.15	-	0.11	-	0.19	-	0.10	-
-	Pneumoconiosis	0.72	0	1	0	0.28	0.00	0.96	0	0.30	0.00	0.42	0.00	0.41	-	0.21	-	0.37	-	0.10	-
31	Mumps	4.77	0	5.69	0	9.16	0	11.64	0	15.75	0.00	24.94	0.00	32.12	-	21.22	-	14.78	-	12.52	-
32	Physical Hazard	0.66	0	0.69	0	0.72	0.00	1.76	0	4.07	0.01	4.99	0.01	5.28	0.003	4.22	-	4.95	0.01	3.46	0.01
33	Scarlet fever	2.27	0	1.08	0	1.54	0	2.01	0	2.40	0.00	2.85	0.00	0.97	-	0.47	-	0.43	-	0.31	-
34	Chikungunya fever	0.04	0	0.29	0	0.19	0	0.13	0	0.26	0.00	2.46	0.00	82.03	-	3.82	-	-	-	-	-
35	Snake bite	7.06	0	1.88	0	3.27	0.00	7.9	0	12.81	0.00	13.06	0.00	11.98	-	12.00	0.003	13.15	0.005	13.25	0.01
36	Melioidosis	4.96	0.17	3.92	0.02	4.39	0.01	5.77	0.02	6.13	0.02	4.56	0.02	2.13	0.02	1.68	0.013	1.46	0.013	1.04	0.01
37	Meningitis-Total	3.3	0.01	0.89	0.01	3.35	0.01	5.65	0.03	3.24	0.03	3.46	0.05	3.33	0.03	2.71	0.04	2.97	0.05	2.50	0.03
-	Eosinophilic	0.27	0	0.31	0	0.37	0	0.39	0	0.24	0.00	0.35	0.00	0.27	-	0.20	-	0.21	-	0.29	-
-	Unspecified	3.03	0.01	3.25	0.02	2.99	0.01	3.1	0.03	3.01	0.03	3.11	0.05	3.06	0.03	2.50	0.04	2.76	0.05	2.21	0.03
38	Drug Poisoning	0.43	0	0.42	0	0.8	0	2.55	0	3.81	0.00	3.98	0.00	3.26	0.002	2.92	-	3.18	0.002	2.81	-
39	Mushroom poisoning	2.1	0.02	1.9	0.01	2.14	0	3.34	0.04	2.77	0.01	3.08	0.02	2.72	0.003	2.49	0.008	2.09	0.017	2.20	0.002
40	Cassava poisoning	0.11	0	0.15	0	0.13	0	0.16	0	0.15	0.00	0.15	0.00	0.03	-	0.08	-	0.08	-	0.10	-
41	Hand foot & mouth disease (HFMD)	63.48	0.005	101	0	71.39	0	70.48	0	28.44	0.01	19.55	0.00	13.88	0.003	17.27	0.01	26.77	-	6.33	0.01
42	Suicide by liquid substance poisoning and drugs	0.19	0.003	0.43	0.02	1.28	0.04	3.11	0.06	5.91	0.11	6.31	0.14	5.94	0.17	6.16	0.16	6.63	0.20	6.74	0.21

**** C-R = Cases Rate, D-R = Deaths Rate ***** Tetanus Neonatorum (Per 100,000 Live births) * Acute Flaccid Paralysis (Per 100,000 (<15 Years)