

Table S4. Age-specific patterns of dengue disease in Thailand [18, 23–34].

Characteristic	Age group (years)										Total
	0–4	5–9	10–14	15–24	25–34	35–44	45–54	55–64	65+	Unknown age	
2000											
DSS (27), n											
DHF (26), n											
DF (66), n											
Total dengue disease (26,27,66), n	2758	6181	5260	2744	964	472	137	57	44	0	18,617
Deaths, n	8	11	9	2	2	0	0	0	0	0	32
Population, n	5,173,354	5,340,120	5,411,127	11,340,156	10,746,046	9,141,069	6,562,362	4,397,633	3,658,392		61,770,259
Incidence, /100,000	53.31	115.75	97.21	24.20	8.97	5.16	2.09	1.30	1.20		30.14
CFR	0.29	0.18	0.17	0.07	0.21	0.00	0.00	0.00	0.00		0.17
2001											
DSS (27), n											
DHF (26), n											
DF (66), n											
Total dengue disease (26,27,66), n	16,952	43,813	40,213	24,897	7835	3500	1380	491	274	0	139,355
Deaths, n	34	91	53	39	16	5	4	2	1	0	245
Population, n	5,125,593	5,293,426	5,371,420	11,247,513	10,810,122	9,251,874	6,806,804	4,429,535	3,757,568		62,093,855
Incidence, /100,000	330.73	827.69	748.65	221.36	72.48	37.83	20.27	11.08	7.29		224.43
CFR	0.20	0.21	0.13	0.16	0.20	0.14	0.29	0.41	0.36		0.18
2002											
DSS (27), n	268	1195	1053	260	61	42	15	12	12	0	2918
DHF (26), n	7092	21,666	24,097	16,820	5322	2416	1028	419	255	38	79,153
DF (66), n	4032	10,473	10,104	5011	1682	837	360	128	99	3	32,729

Characteristic	Age group (years)										Total
	0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	Unknown age	
Total dengue disease (26,27,66), n	11,392	33,334	35,254	22,091	7065	3295	1403	559	366	41	114,800
Deaths, n	27	68	37	29	6	7	2	0	0	0	176
Population, n	4,291,010	5,012,944	4,846,628	10,578,583	11,603,961	10,462,603	7,099,944	4,278,967	4,379,761		62,554,401
Incidence, /100,000	265.49	664.96	727.39	208.83	60.88	31.49	19.76	13.06	8.36		183.52
CFR	0.24	0.20	0.10	0.13	0.08	0.21	0.14	0.00	0.00		0.15
2003											
DSS (27), n	108	493	447	128	42	14	13	17	24	2	1288
DHF (26), n	3229	10,765	13,443	10,493	3800	1838	793	306	150	60	44,877
DF (66), n	1865	5198	5561	2977	968	511	233	109	65	5	17,492
Total dengue disease (26,27,66), n	5202	16,456	19,451	13,598	4810	2363	1039	432	239	67	63,657
Deaths, n	10	21	14	3	4	0	0	0	0	0	52
Population, n	4,133,411	4,982,438	4,922,276	10,371,683	11,501,542	10,700,519	7,415,280	4,384,319	4,528,351		62,939,819
Incidence, /100,000	125.85	330.28	395.16	131.11	41.82	22.08	14.01	9.85	5.28		101.14
CFR	0.19	0.13	0.07	0.02	0.08	0.00	0.00	0.00	0.00		0.08
2004											
DSS (27), n	68	294	322	101	24	15	6	9	3	1	843
DHF (26), n	1737	5808	7916	6836	2605	1316	544	171	140	38	27,111
DF (66), n	1028	3134	3650	2032	719	348	173	64	30	3	11,181
Total dengue disease (26,27,66), n	2833	9236	11,888	8969	3348	1679	723	244	173	42	39,135
Deaths, n	7	10	6	6	2	3	0	1	0	0	35
Population, n	4,133,411	4,982,438	4,922,276	10,371,683	11,501,542	10,762,684	7,640,375	4,433,108	4,573,101		63,320,618
Incidence, /100,000	68.54	185.37	241.51	86.48	29.11	15.60	9.46	5.50	3.78		61.80
CFR	0.25	0.11	0.05	0.07	0.06	0.18	0.00	0.41	0.00		0.09

Characteristic	Age group (years)										Total
	0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	Unknown age	
2005											
DSS (27), n	75	293	323	115	51	23	15	11	16	0	922
DHF (26), n	1804	5656	8157	8184	3312	1588	708	255	179	58	29,901
DF (66), n	1241	3890	4637	3090	1154	607	279	104	60	8	15,070
Total dengue disease (26,27,66), n	3120	9839	13,117	11,389	4517	2218	1002	370	255	66	45,893
Deaths, n	5	15	8	7	9	3	1	1	1	0	50
Population, n	4,033,986	4,833,182	4,905,179	10,094,340	11,250,738	10,753,119	7,861,649	4,553,211	4,608,850		62,894,254
Incidence, /100,000	77.34	203.57	267.41	112.83	40.15	20.63	12.75	8.13	5.53		72.97
CFR	0.16	0.15	0.06	0.06	0.20	0.14	0.10	0.27	0.39		0.11
2006											
DSS (27), n	39	247	287	113	31	15	2	4	5	0	743
DHF (26), n	1482	5267	8291	8039	3103	1685	670	265	171	51	29,024
DF (66), n	1262	4345	5731	3476	1125	601	314	122	73	13	17,062
Total dengue disease (26,27,66), n	2783	9859	14,309	11,628	4259	2301	986	391	249	64	46,829
Deaths, n	3	15	8	11	5	2	0	0	0	0	44
Population, n	3,991,348	4,649,267	4,871,031	9,855,993	11,051,410	10,878,282	8,154,852	4,755,480	4,737,730		62,945,393
Incidence, /100,000	69.73	212.05	293.76	117.98	38.54	21.15	12.09	8.22	5.26		74.40
CFR	0.11	0.15	0.06	0.09	0.12	0.09	0.00	0.00	0.00		0.09
2007											
DSS (27), n	93	297	382	183	56	45	13	6	7	0	1082
DHF (26), n	2268	7105	11,099	11,005	4060	2105	854	359	169	29	39,053
DF (66), n	2009	6198	8197	5539	1805	940	454	172	124	8	25,446
Total dengue disease (26,27,66), n	4370	13,600	19,678	16,727	5921	3090	1321	537	300	37	65,581

Characteristic	Age group (years)										Total
	0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	Unknown age	
Deaths, n	13	10	10	17	5	3	0	1	0	0	59
Population, n	3,991,894	4,309,597	4,928,686	9,711,468	10,864,536	10,976,511	8,427,774	4,923,180	4,799,869		62,933,515
Incidence, /100,000	109.47	315.57	399.25	172.24	54.50	28.15	15.67	10.91	6.25		104.21
CFR	0.30	0.07	0.05	0.10	0.08	0.10	0.00	0.19	0.00		0.09
2008											
DSS (27), n	175	450	527	286	93	44	22	18	11	0	1626
DHF (26), n	3326	8069	12,907	15,140	6084	3727	1252	528	309	13	51,355
DF (66), n	2903	7804	11,046	8540	3249	1623	897	355	217	11	36,645
Total dengue disease (26,27,66), n	6404	16,323	24,480	23,966	9426	5394	2171	901	537	24	89,626
Deaths, n	12	16	21	9	7	2	0	3	0	0	70
Population, n	3,997,249	4,176,511	4,909,870	9,676,828	10,785,330	11,011,976	8,683,063	5,127,064	4,846,131		63,214,022
Incidence, /100,000	160.21	390.83	498.59	247.66	87.40	48.98	25.00	17.57	11.08		141.78
CFR	0.19	0.10	0.09	0.04	0.07	0.04	0.00	0.33	0.00		0.08
2009											
DSS (27), n	72	198	345	227	60	41	16	9	9	0	977
DHF (26), n	1784	4342	7545	8873	3937	2107	1099	484	292	17	30,480
DF (66), n	1808	4677	7207	6159	2566	1407	786	344	232	8	25,194
Total dengue disease (26,27,66), n	3664	9217	15,097	15,259	6563	3555	1901	837	533	25	56,651
Deaths, n	2	9	10	12	3	1	1	1	0	0	39
Population, n*	3,887,114	4,017,963	4,675,453	9,375,403	10,339,883	10,706,067	8,886,822	5,367,810	4,938,049	1,330,498	63,525,062
Incidence, /100,000	94.26	229.39	322.90	162.76	63.47	33.21	21.39	15.59	10.79		89.18
CFR	0.05	0.10	0.07	0.08	0.05	0.03	0.05	0.12	0.00		0.07

Characteristic	Age group (years)										Total
	0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	Unknown age	
2010											
DSS (27), n	236	745	907	648	238	116	81	37	20	0	3028
DHF (26), n	3665	8982	14,013	17,768	8239	4150	2350	1063	515	25	60,770
DF (66), n	3834	9644	13,598	13,667	6006	3171	1937	819	4595	14	53,149
Total dengue disease (26,27,66), n	7735	19,371	28,518	32,083	14,483	7437	4368	1919	994	39	116,947
Deaths, n	13	36	20	21	4	3	3	1	2	0	103
Population, n*	3,765,907	4,144,169	4,936,475	9,779,788	10,250,984	11,122,872	9,795,713	6,346,144	5,784,208		65,926,260
Incidence, /100,000	205.40	467.43	577.70	328.05	141.28	66.86	44.59	30.24	17.18		177.39
CFR	0.17	0.19	0.07	0.07	0.03	0.04	0.07	0.05	0.20		0.09
2011											
DSS (27), n	98	347	410	281	129	62	39	26	10	0	1402
DHF (26), n	2071	5170	8720	11,293	5509	3017	1628	782	447	2	38,639
DF (66), n	2225	5586	7429	7397	3309	1806	1088	569	350	0	29,759
Total dengue disease (26,27,66), n	4394	11,103	16,559	18,971	8947	4885	2755	1377	807	2	69,800
Deaths, n	7	13	9	5	8	3	2	0	0	0	47
Population, n**†	5,056,465	4,767,609	3,838,856	10,415,660	10,641,580	11,031,978	9,927,651	11,896,846			67,576,645
Incidence, /100,000	86.90	232.88	431.35	182.14	84.08	44.28	27.75	18.36			103.29
CFR	0.16	0.12	0.05	0.03	0.09	0.06	0.07	0.00	0.00		0.07

Empty cells: data not provided. CFR, case fatality rate; DF, dengue fever; DHF, dengue haemorrhagic fever; DSS, dengue shock syndrome.

*Data from the 2010 population and housing census, National Statistical Office [18]. ** Estimate

†Age bands for 2011 differ from other years (0-5, 6-10, 11-14, 15-24, 25-34, 35-44, 45-54, 55+) and do not match bands for disease numbers: consequently, some 2011 incidence figures are estimations.