

# The Thailand Healthy Primary School Dataset (2017)

## Evidence from Thailand's national school-base survey

Table 1. Students' characteristics

Variable	School engagement (N=7825)					
	I really like going to school (%)		I really happy (%)		classroom atmosphere is good (%)	
	Yes	No	Yes	No	Yes	No
<b>Sex</b>						
Male	(3676) 50.90	(397) 65.70	(3788) 51.60	(285) 59.00	(2434) 52.00	(1639) 52.10
Female	(3545) 49.10	(207) 34.30	(3554) 48.40	(198) 41.00	(2245) 48.00	(1507) 47.90
<b>Age</b>						
6	(750) 10.40	(13) 2.20	(751) 10.20	(12) 2.50	(370) 7.9	(393) 12.50
7	(1079) 14.90	(28) 4.60	(1085) 14.80	(22) 4.60	(511) 10.9	(596) 18.90
8	(1185) 16.40	(25) 4.10	(1186) 16.20	(24) 5.00	(604) 12.9	(606) 19.30
9	(1247) 17.30	(88) 14.60	(1267) 17.30	(68) 14.10	(807) 17.2	(528) 16.80
10	(1177) 16.30	(162) 26.80	(1200) 16.30	(139) 28.80	(958) 20.5	(381) 12.10
11	(1173) 16.20	(207) 34.30	(1222) 16.60	(158) 32.70	(945) 20.2	(435) 13.80
12	(610) 8.40	(81) 13.40	(631) 8.60	(60) 12.40	(484) 10.3	(207) 6.60
<b>Grade</b>						
1	(1273) 17.60	(25) 4.10	(1278) 17.40	(20) 4.10	(617) 13.20	(681) 21.60
2	(1295) 17.90	(34) 5.60	(1300) 17.70	(29) 6.00	(659) 14.10	(670) 21.30
3	(1304) 18.10	(22) 3.60	(1300) 17.70	(26) 5.40	(651) 14.40	(675) 20.70
4	(1165) 16.10	(169) 28.00	(1188) 16.20	(146) 30.20	(397) 20.00	(937) 12.60
5	(1119) 15.50	(176) 29.10	(1155) 15.70	(140) 29.00	(371) 19.70	(924) 11.80
6	(1065) 14.70	(178) 29.50	(122) 15.30	(1121) 25.30	(376) 18.50	(867) 12.00
<b>School area</b>						
Urban	(3114) 43.10	(326) 54.00	(3184) 43.40	(256) 53.00	(1931) 41.30	(1509) 48.00
Rural	(4107) 56.90	(278) 46.00	(4158) 56.60	(227) 47.00	(2748) 58.70	(1637) 52.00
<b>School Size</b>						
Small	(2273) 31.50	(152) 25.20	(2304) 31.40	(121) 25.10	(1534) 32.80	(891) 28.30
Middle	(3300) 45.70	(269) 44.50	(3343) 45.50	(226) 46.80	(2171) 46.40	(1398) 44.40
Large	(1648) 22.80	(183) 30.30	(1695) 23.10	(136) 28.20	(974) 20.80	(857) 27.40
<b>Living arrangement</b>						
With mother and father						
No	(6049) 83.80	(504) 83.40	(6133) 83.50	(420) 87.00	(3932) 84.00	(2621) 83.30
Yes	(1172) 16.20	(100) 16.60	(1209) 16.50	(63) 13.00	(747) 16.00	(525) 16.70
With Single Mom/Dad						
No	(6815) 94.4	(571) 94.50	(6931) 94.40	(455) 94.20	(4419) 94.40	(2967) 94.30
Yes	(406) 5.60	(33) 5.50	(411) 5.60	(28) 5.80	(260) 5.60	(179) 5.70
With Extend family						
No	(3598) 49.80	(321) 53.10	(3665) 49.90	(254) 52.60	(2317) 49.50	(1602) 50.90
Yes	(3623) 50.20	(283) 46.90	(3677) 50.10	(229) 47.40	(2362) 50.50	(1544) 49.10
With relatives						
No	(6214) 86.10	(516) 85.40	(6330) 86.20	(400) 82.80	(4015) 85.80	(2715) 86.30
Yes	(1007) 13.90	(88) 14.60	(1012) 13.80	(83) 17.20	(664) 14.20	(431) 13.70

<i>Bully</i>						
Yes	(1559) 21.60	(162) 26.80	(1612) 22.00	(109) 22.60	(1166) 24.90	(555)17.60
No	(5662) 78.40	(442) 73.20	(5730) 78.00	(374) 77.40	(3513) 75.10	(2591) 82.4
<i>Bully Victim</i>						
Yes	(4733) 65.50	(217) 35.90	(4759) 64.80	(191) 39.50	(2671) 57.10	(2279) 72.40
No	(2488) 34.50	(387) 64.10	(2583) 35.20	(292) 60.50	(2008) 42.90	(867) 27.60

Table 2. School characteristics

No	School environment	Urban		Rural	
		Good	Poor	Good	Poor
	Outdoor				
1	There is a warning sign to reduce speed	(1,864) 54.20	(1,576) 45.8	(2,543) 58.00	(1,842)42
2	There is a road crossing	(2179) 63.30	(1261) 36.7	(1893) 43.2	(2492) 56.8
3	There is a pedestrian walkway to the school.	(2812) 81.70	(628) 18.3	(3514) 80.1	(871) 19.9
4	There is a pick-up point for students.	(2849) 82.80	(591)17.2	(2947) 67.2	(1438) 32.8
5	Have a teacher, staff, or student volunteering to help with road safety.	(2593) 75.40	(847) 24.6	(2929) 66.8	(1456) 33.2
6	There is a security point or a point for notifying the student's request to meet with the parents.	(2289) 66.50	(1151) 33.5	(1721) 39.2	(2664) 60.8
7	There is an entrance or exit of the school. That allows fire engines to enter	(3440) 100.00	(0) 0	(4249) 98.3	(136) 1.7
Indoor					
1	Building floor	(3313) 96.3	(127) 3.7	(4186) 95.5	(199) 4.5
2	Building condition	(3186) 92.6	(254) 7.4	(4194) 95.6	(191) 4.4
3	Stair condition	(3278) 95.3	(162) 4.7	(3884) 88.6	(501) 11.4
4	There is a walkway between the school buildings.	(2489) 72.4	(951) 27.6	(3474) 79.2	(911) 20.8
5	There are warning signs and instructions for use of safety equipment.	(1621) 47.1	(1819) 52.9	(1592) 36.3	(2793) 63.7
6	There are warning signs at various risk points.	(950) 27.6	(2490) 72.4	(1478) 33.7	(2907) 66.3
7	There is a storage of hand tools or fuels and flammable chemicals. (Keep it in a safe place)	(2264) 65.8	(1176) 34.2	(2878) 65.6	(1507) 34.4
8	There is a parking spot.	(2799) 81.4	(641) 18.6	(4147) 94.6	(238) 5.4
9	There is a designated pick-up point for students of parents.	(2626) 76.3	(814) 23.7	(3061) 69.8	(1324) 30.2
10	Installation of firefighting equipment in the building	(2412) 70.1	(1028) 29.9	(2528) 57.7	(1857) 42.3
11	Light switch, power plug	(3246) 94.4	(194) 5.6	(4267) 97.3	(118) 37.8
12	There are banners to promote the promotion of academic knowledge.	(3279) 95.3	(161) 4.7	(3913) 89.2	(472) 10.8
13	There is a banner campaign to promote morality.	(2985) 86.8	(455) 13.2	(3879) 88.5	(506) 11.5
Quality space for PA					
1	There is an open courtyard, sports field (concrete floor, rubber floor) for outdoor physical activities.	(2707) 78.7	(733) 21.3	(3926) 89.5	(459) 10.5
2	There is an open courtyard, sports field (concrete floor, rubber floor) for indoor activities or indoor domes.	(2484) 72.2	(956) 27.8	(2710) 61.8	(1675) 38.2
3	There is shade from trees or in the shadow of buildings for jogging.	(3440) 100	(0) 0	(4202) 95.8	(183) 4.2
4	There is a football field or grass field for playing sports.	(2654) 77.2	(786) 22.8	(3756) 85.7	(629) 14.3
5	There is a playground surface that is sand, grass, rubber or ground (not cement, concrete).	(2576) 74.9	(864) 25.1	(3785) 86.3	(600) 13.7

6	There is a playground (safe, ready to use, player condition, installation, distance)	(2925) 85	(515) 15	(4235) 96.6	(150) 3.4
7	There are enough equipment in the playground for use.	(2780) 80.8	(660) 19.2	(4140) 94.4	(245) 5.6
8	Have sports and exercise equipment ready for use.	(3045) 88.5	(395) 11.5	(3751) 85.5	(634) 14.5
9	Sports and exercise equipment are easily accessible.	(2975) 86.5	(465) 13.5	(3889) 88.7	(496) 11.3
10	There are adequate sports and exercise equipment for use.	(2734) 79.5	(706) 20.5	(3572) 81.5	(813) 18.5
11	There is a swimming pool for swimming training.	(317) 9.2	(3123) 90.8	(94) 2.1	(4291) 97.7
12	Having participated in physical activities Play together with students of different ages Or clearly class level	(2692) 78.3	(748) 21.7	(3491) 79.6	(894) 20.4

Variable	Category	n	%
Gender	Male	4073	52.1
	Female	3752	47.9
Age	6	763	9.8
	7	1107	14.1
	8	1210	15.5
	9	1335	17.1
	10	1339	17.1
	11	1380	17.6
	12	691	8.8
Grade	Early primary	3953	49.5
	Late primary	3827	50.5
School area	Urban	3440	44.0
	Rural	4385	56.0
School size	Small	2425	31.0
	Middle	3569	45.6
	Large	1831	23.4
Living arrangement	With mother and father	1272	16.3
	With Single mom or dad	1552	19.8
	With extend family	3906	49.9
	With relatives only	1095	14.0
Bully	Yes	1721	22.0
	No	6104	78.0
Bully Victim	Yes	4950	63.3
	No	2875	36.7
Bully Experience	Yes	5610	71.7
	No	2215	28.3
School engagement	<i>I really like going to school</i>		
	Yes	7221	92.3
	No	604	7.7
	<i>Classroom atmosphere is good</i>		
	Yes	4679	59.8
	No	3146	40.2

Table 2: Bully victim's characteristics (Thailand's national school-base survey data 2017)

Variable	Bully victims (%) (n=7825)	
	Yes	No
<b>Gender</b>		
Male	(2531) 62.1%	(1542) 37.9%
Female	(2419) 64.5%	(1333) 35.5%
<b>Age</b>		
6	(751) 98.4%	(12) 1.6%
7	(1085) 96.8%	(35) 3.2%
8	(1152) 95.2%	(58) 4.8%
9	(902) 67.6%	(433) 32.4%
10	(453) 33.8%	(886) 66.2%
11	(426) 30.9%	(954) 69.1%
12	(194) 28.1%	(497) 71.9%
<b>Grade</b>		
Early primary	(3825) 96.8%	(128) 3.2%
Late primary	(1125) 29.1%	(2747) 70.9%
<b>School area</b>		
Urban	(2111) 61.4%	(1329) 38.6%
Rural	(2839) 64.7%	(1546) 35.3%
<b>School size</b>		
Small	(1580) 65.2%	(845) 34.8%
Middle	(2283) 64.0%	(1286) 36.0%
Large	(1087) 59.4%	(744) 40.6%
<b>Living arrangement</b>		
With mother and father	(805) 63.3%	(467) 36.7%
With Single mom or dad	(971) 62.6%	(581) 37.4%
With Extend family	(2512) 64.3%	(1394) 35.7%
With relatives only	(662) 60.5%	(433) 39.5%
<b>Bully</b>		
Yes	(1061) 61.7%	(660) 38.3%
No	(3889) 63.7%	(2215) 36.3%
<b>School engagement</b>		
<i>I really like going to school</i>		
Yes	(4733) 65.5%	(2488) 34.5%
No	(217) 35.9%	(387) 64.1%
<i>Classroom atmosphere is good</i>		
Yes	(2671) 57.1%	(2008) 42.9%
No	(2279) 72.4%	(867) 27.6%

Table 3: Happiness at school (Thailand's national school-base survey data 2017)

Variable	Student with I really happy (%) (n=7825)	
	Yes	No
<b>Sex</b>		
Male	(3788) 93.0%	(285) 7%
Female	(3554) 94.7%	(198) 5.3%
<b>Age</b>		
6	(751) 98.4%	(12) 1.6%
7	(1085) 98.0%	(22) 2.0%
8	(1186) 98.0%	(24) 2.0%
9	(1267) 94.9%	(68) 5.1%
10	(1200) 89.6%	(139) 10.4%
11	(1222) 88.6%	(158) 11.4%
12	(631) 91.3%	(60) 8.7%
<b>Grade</b>		
Early primary	(3878) 98.1%	(75) 1.9%
Late primary	(3464) 89.5%	(408) 10.5%
<b>School area</b>		
Urban	(3184) 92.6%	(256) 7.4%
Rural	(4158) 94.8%	(227) 5.2%
<b>School size</b>		
Small	(2304) 95.0%	(121) 5.0%
Middle	(3343) 93.7%	(226) 6.3%
Large	(1695) 92.6%	(136) 7.4%
<b>Living arrangement</b>		
With mother and father	(1209) 95.0%	(63) 5.0%
With Single mom or dad	(1444) 93.0%	(108) 7.0%
With Extend family	(3677) 94.1%	(229) 5.9%
With relatives only	(1012) 92.4%	(83) 7.6%
<b>Bully</b>		
Yes	(1612) 93.7%	(109) 6.3%
No	(374) 93.9%	(5730) 6.1%
<b>Bully victims</b>		
Yes	(4759) 96.1%	(191) 3.9%
No	(2583) 89.8%	(292) 10.2%
<b>School engagement</b>		
<i>I really like going to school</i>		
Yes	(6911) 95.7%	(310) 4.3%
No	(431) 71.4%	(173) 28.6%
<i>Classroom atmosphere is good</i>		
Yes	(4443) 95.0%	(236) 5.0%
No	(2899) 92.1%	(247) 7.9%