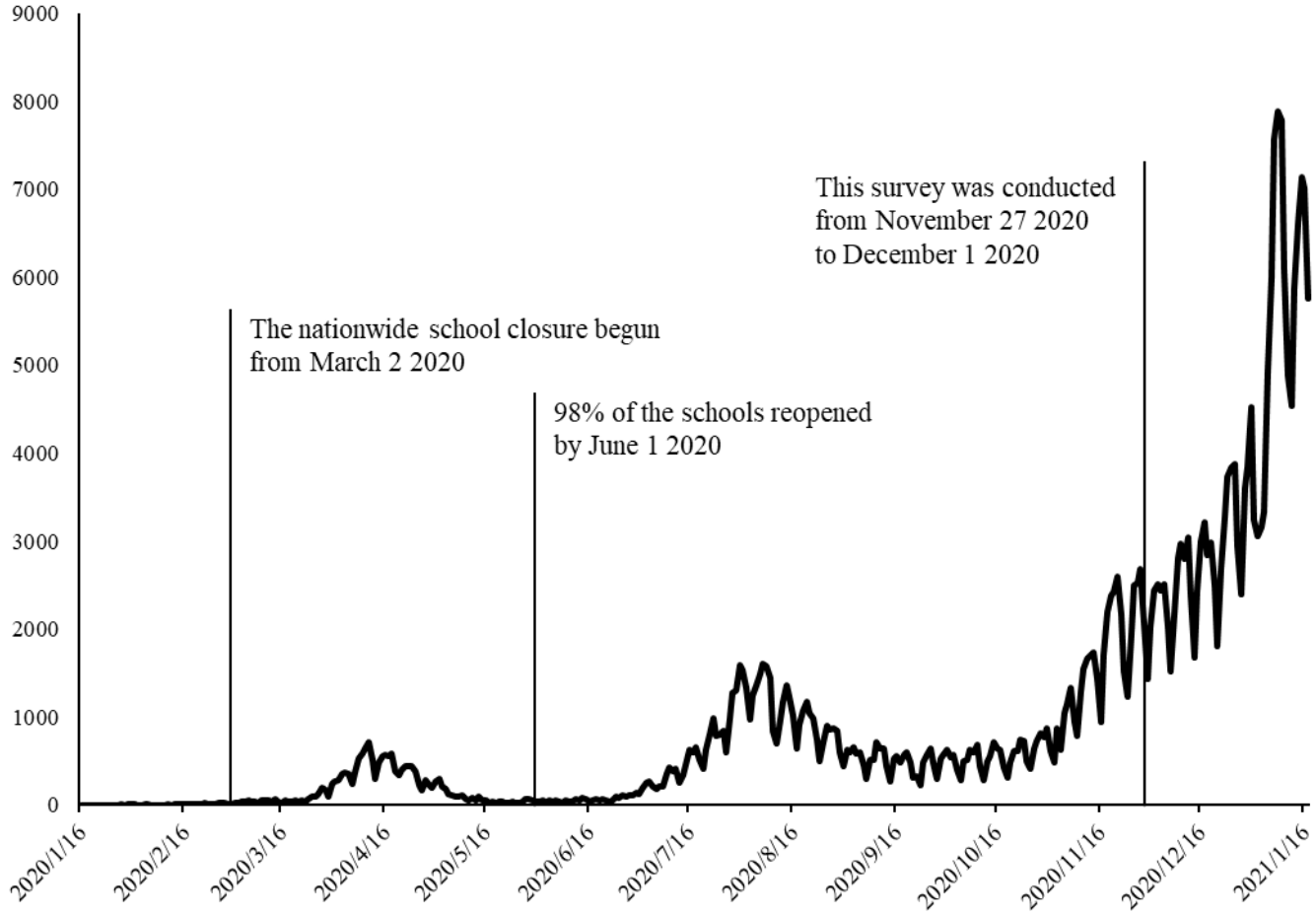
Fig. 1.

Changes of total infected people in Japan and the timing of the nationwide school closure and this survey



This figure was created by the authors based on the open data
from the Ministry of Health, Labour and Welfare (2020).

Table 1

Participant characteristics ($N = 1984$)

	n	%	*M*	*SD*		*n*	%	*M*	*SD*
Parent					Children and adolescents				
Gender					Gender				
Female/Mother	822	41.43			Girl	917	46.22		
Male/Father	1158	58.37			Boy	1067	53.78		
No answer	4	0.20			Age	1984	100.00	10.56	2.64
Age	1750	88.21	44.09	5.76	6	78	3.93		
No answer	234	11.79			7	259	13.05		
Ethnicity					8	198	9.98		
Japanese	1981	99.85			9	222	11.19		
Other	3	0.15			10	221	11.14		
Region					11	243	12.25		
Hokkaido	82	4.13			12	212	10.69		
Tohoku	119	6.00			13	195	9.83		
Kanto	739	37.25			14	213	10.74		
Chubu	330	16.63			15	143	7.21		
Kinki	359	18.09			Development stage				
Chugoku	93	4.69			Children (aged 6–11)	1221	61.54		
Shikoku	49	2.47			Adolescents (aged 12–15)	763	38.46		
Kyushu	148	7.46			Ethnicity				
No answer	65	3.28			Japanese	1977	99.65		
Employment status					Other	7	0.35		
Student	8	0.40			Educational setting				
Homemaker	358	18.04			Public school	1830	92.24		
Part-time employment	301	15.17			Private school	118	5.95		
Full-time employment	1168	58.87			Special education school	14	0.71		
Self employed	82	4.13			Home educated	5	0.25		
Unemployed and seeking work	21	1.06			Other	17	0.86		
Retired	7	0.35			School closure in the past week				
Others	37	1.86			Full school closure	40	2.02		
No answer	2	0.10			Partial school closure	118	5.95		
Household income (yen)					Full school open	1826	92.04		
0~1,990,000	90	4.54							
2,000,000~3,990,000	199	10.03							
4,000,000~7,990,000	802	40.42							
8,000,000~19,990,000	432	21.77							
12,000,000~15,990,000	103	5.19							
16,000,000~	43	2.17							
No answer	315	15.88							

Table 2

Mean scores of each scale for children, adolescents, and parents between school situations

	Total		Full school closure		Partial school closure		Full school open		*F*		Cohens' *d*		
	N = 1984		*n* = 40		*n* = 118		*n* = 1826						
	M	*SD*	*M*	*SD*	*M*	*SD*	*M*	*SD*			Full closure vs. Full open	Partial closure vs. Full open	Full closure vs. Partial closure
Children and adolescents													
SDQ-P													
Emotional symptoms	1.72	2.07	3.85	2.60	1.99	2.14	1.66	2.03	15.82	***	1.07	0.16	0.82
Conduct problems	2.06	1.72	4.03	2.27	2.34	1.90	2.00	1.66	23.05	***	1.21	0.20	0.85
Hyperactivity/inattention	3.45	2.15	4.33	2.14	3.40	2.05	3.43	2.16	2.09		0.42	0.01	0.45
SCAS-P	13.39	15.23	42.10	26.61	20.67	21.60	12.29	13.57	72.31	***	2.13	0.59	0.93
DPRS-C	8.83	5.62	14.60	5.90	10.73	6.54	8.58	5.46	19.90	***	1.10	0.39	0.61
ODBI	16.37	13.46	27.23	14.51	17.36	14.74	16.07	13.26	9.58	***	0.84	0.10	0.67
ARI-P	1.32	2.21	4.48	3.49	2.03	2.70	1.20	2.08	39.59	***	1.55	0.39	0.84
Parents													
DASS-21													
Depression	2.96	4.21	7.53	5.45	4.14	5.01	2.78	4.05	23.50	***	1.16	0.33	0.66
Anxiety	1.63	3.08	6.80	5.59	3.36	4.71	1.41	2.72	62.72	***	1.92	0.68	0.70
Stress	2.91	3.91	7.30	5.58	4.33	4.62	2.72	3.74	27.78	***	1.21	0.42	0.61
STAXI													
Trait-anger	18.89	6.50	22.28	7.15	19.89	6.58	18.76	6.46	5.08	**	0.54	0.17	0.36

Note, SDQ-P = Parent-reported Strengths and Difficulties Questionnaire, SCAS-P = Spence Children's Anxiety Scale for Parents, DPRS-C = Depression Parent-Rating Scale for Children, ODBI = Oppositional Defiant Behavior Inventory, ARI-P = Affective Reactivity Index Parent-Report, DASS-21 = Depression, Anxiety, and Stress Scale, STAXI = State-Trait Anger Expression Inventory, ***$p < .001$, **$p < .01$.

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