

Executive Summary

2024 Nationwide school survey of substance use among junior high school students in Japan.

Objective: The purpose of this study is to understand the current situation regarding drug abuse, including drinking and smoking, among junior high school students in Japan. The survey results will be provided to related organizations as basic information for taking measures to prevent substance use among young people. This is the only survey of drug abuse in Japan that is continuously conducted among junior high school students nationwide. This is the 14th nationwide epidemiological survey to have been conducted.

Method: The survey subjects were all students (estimated number of students: 114,084) in 244 junior high schools (225 public schools, 17 private schools, and 2 national schools) randomly selected by prefecture (stratified one-stage sampling method). The survey period was from September to December 2024, and anonymous self-administered surveys by questionnaires or online were conducted at each target school. The survey was approved by the Ethics Committee of the National Center of Neurology and Psychiatry, approval number A2022-027.

Results: A total of 124 schools (119 public schools and 5 private schools) cooperated with the survey (response rate: 50.8%). Of the 38,277 total respondents, 310 who met the exclusion criteria were excluded from the analysis, and the remaining 37,967 were included in the analysis. The main findings are as follows:

1. The lifetime prevalence of alcohol use was 14.9%, and the past year prevalence was 5.7% (estimated).
2. The lifetime prevalence of tobacco use was 1.3%, and the past year prevalence was 0.7% (estimated).
3. The lifetime prevalence of illegal drugs was 0.07% for cannabis, 0.13% for organic solvents, 0.06% for stimulants, 0.06% for dangerous drugs, and 0.18% for any illegal drugs (estimated). The past year prevalence of illegal drugs was 0.04% for cannabis, 0.08% for organic solvents, 0.03% for stimulants, 0.03% for dangerous drugs, and 0.11% for any illegal drugs (estimated). The lifetime prevalence of all illegal drugs had decreased compared to the previous survey (2022).

4. The prevalence of over-the-counter drug abuse within the past year was 1.8% overall, 1.5% for men, and 2.0% for women (estimated). The most common source of over-the-counter drugs was physical stores such as pharmacies and drugstores (64.2%), followed by home medicines (33.3%), friends, lovers, and acquaintances (3.6%), and the Internet (3.5%).

Discussion: The lifetime prevalence of all illegal drugs decreased compared to the previous survey. Even after COVID-19 became a Class 5 infectious disease and social activities returned to normal, the risk of illegal drug abuse among junior high school students in Japan may continue to decrease. However, it is important to note that there was an increase in positive thoughts about drug abuse, especially positive thoughts about cannabis use. Our study was the first in Japan to investigate over-the-counter drug abuse among junior high school students. Approximately 1 in 55 junior high school students had abused over-the-counter drugs within the past year, suggesting that the problem of over-the-counter drug abuse may be widespread throughout Japan. It was revealed that junior high school students who have abused over-the-counter drugs have psychosocial characteristics such as being isolated at school and at home and having various difficulties in daily life. Since the main source of acquisition of abused over-the-counter drugs is physical stores such as pharmacies and drugstores, it is important to be careful about selling them to minors and to thoroughly speak to them when you notice something unusual. As a certain number of responses indicated that they obtained medicines from the household's regular supplies, it will also be important to ask parents to manage medicines at home.

March 2025

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**Table 1. Annual change for junior high school students nationwide:
Prevalence of illicit drug use in lifetime (by gender)**

Year of survey	All students			Male students			Female students		
	Point estimate (%)	95%CI		Point estimate (%)	95%CI		Point estimate (%)	95%CI	
		Lower	Upper		Lower	Upper		Lower	Upper
Marijuana (lifetime)									
2010	0.30	0.22	0.39	0.40	0.30	0.53	0.18	0.13	0.25
2012	0.25	0.20	0.30	0.30	0.24	0.39	0.19	0.13	0.27
2014	0.18	0.14	0.22	0.24	0.19	0.31	0.10	0.06	0.15
2016	0.25	0.20	0.32	0.37	0.28	0.48	0.14	0.09	0.21
2018	0.34	0.29	0.40	0.43	0.35	0.51	0.25	0.18	0.33
2022	0.12	0.09	0.17	0.13	0.07	0.22	0.08	0.05	0.11
2024	0.07	0.05	0.11	0.08	0.04	0.14	0.04	0.02	0.07
Inhalants (lifetime)									
2010	0.67	0.57	0.79	0.75	0.61	0.91	0.59	0.48	0.71
2012	0.52	0.44	0.61	0.62	0.51	0.75	0.41	0.31	0.52
2014	0.74	0.64	0.84	0.99	0.85	1.14	0.46	0.34	0.61
2016	0.40	0.33	0.49	0.54	0.42	0.69	0.27	0.20	0.35
2018	0.47	0.41	0.55	0.58	0.49	0.68	0.36	0.27	0.47
2022	0.20	0.16	0.26	0.23	0.16	0.32	0.12	0.08	0.17
2024	0.13	0.09	0.18	0.16	0.09	0.26	0.07	0.04	0.12
Methamphetamine (lifetime)									
2010	0.31	0.24	0.38	0.35	0.26	0.46	0.25	0.18	0.34
2012	0.23	0.18	0.29	0.29	0.20	0.40	0.17	0.11	0.24
2014	0.24	0.17	0.32	0.30	0.20	0.41	0.17	0.10	0.25
2016	0.22	0.17	0.28	0.32	0.23	0.43	0.12	0.08	0.19
2018	0.33	0.27	0.40	0.40	0.32	0.50	0.25	0.18	0.34
2022	0.11	0.08	0.15	0.10	0.06	0.15	0.07	0.05	0.11
2024	0.06	0.03	0.09	0.05	0.02	0.11	0.03	0.02	0.06
New Psychoactive Substances (NSP) (lifetime)									
2012	0.22	0.17	0.28	0.27	0.19	0.37	0.15	0.11	0.20
2014	0.19	0.14	0.25	0.28	0.20	0.38	0.09	0.05	0.14
2016	0.22	0.17	0.27	0.31	0.23	0.41	0.12	0.08	0.19
2018	0.30	0.25	0.37	0.37	0.30	0.46	0.23	0.16	0.32
2022	0.13	0.10	0.18	0.13	0.08	0.18	0.09	0.05	0.15
2024	0.06	0.04	0.09	0.07	0.03	0.13	0.02	0.01	0.04
Any of Marijuana, Methamphetamine and NPS (lifetime)									
2010	0.40	0.32	0.49	0.50	0.38	0.64	0.29	0.21	0.38
2012	0.32	0.26	0.39	0.40	0.30	0.51	0.24	0.17	0.33
2014	0.30	0.23	0.39	0.38	0.28	0.50	0.21	0.14	0.31
2016	0.28	0.22	0.34	0.41	0.32	0.53	0.15	0.10	0.21
2018	0.38	0.32	0.45	0.47	0.39	0.57	0.28	0.21	0.37
2022	0.12	0.08	0.19	0.19	0.12	0.30	0.18	0.10	0.30
2024	0.10	0.07	0.14	0.11	0.06	0.19	0.05	0.03	0.09
Any illicit drugs (lifetime)									
2010	0.87	0.75	1.01	1.01	0.85	1.20	0.72	0.59	0.87
2012	0.78	0.67	0.91	0.97	0.82	1.15	0.58	0.47	0.72
2014	1.01	0.87	1.17	1.38	1.17	1.61	0.61	0.47	0.78
2016	0.46	0.38	0.55	0.63	0.50	0.78	0.29	0.22	0.38
2018	0.55	0.47	0.63	0.67	0.57	0.78	0.42	0.33	0.53
2022	0.18	0.12	0.26	0.26	0.17	0.37	0.31	0.20	0.45
2024	0.18	0.13	0.24	0.22	0.14	0.33	0.10	0.06	0.15

NSP have been included in the survey since 2012.

The data for "marijuana, methamphetamine, or NSP" have included NSP since the 2022 survey.

95%CI: 95% confidence interval

The 2020 survey was canceled due to the spread of COVID-19.

For the estimation of values, R (ver. 4.4.1) and the survey package (ver. 4.4-2) were used to calculate point estimates and 95% confidence intervals.

**Table 2. Annual change for junior high school students nationwide:
Prevalence of illicit drug use in lifetime (by grade)**

Year of survey	1st-year students			2nd-year students			3rd-year students		
	Point estimate (%)	95%CI		Point estimate (%)	95%CI		Point estimate (%)	95%CI	
		Lower	Upper		Lower	Upper		Lower	Upper
Marijuana (lifetime)									
2010	0.18	0.12	0.26	0.31	0.18	0.49	0.39	0.25	0.57
2012	0.18	0.12	0.27	0.17	0.11	0.27	0.38	0.28	0.49
2014	0.12	0.07	0.19	0.21	0.14	0.30	0.21	0.14	0.29
2016	0.18	0.10	0.30	0.22	0.16	0.29	0.36	0.27	0.48
2018	0.29	0.20	0.40	0.41	0.31	0.54	0.32	0.23	0.42
2022	0.10	0.06	0.16	0.11	0.06	0.17	0.15	0.08	0.27
2024	0.09	0.04	0.16	0.07	0.03	0.14	0.05	0.02	0.12
Inhalants (lifetime)									
2010	0.63	0.48	0.80	0.68	0.51	0.88	0.71	0.54	0.90
2012	0.42	0.32	0.55	0.47	0.36	0.60	0.65	0.51	0.82
2014	0.65	0.49	0.84	0.77	0.59	0.98	0.79	0.63	0.99
2016	0.34	0.23	0.46	0.32	0.24	0.43	0.54	0.42	0.69
2018	0.39	0.29	0.52	0.54	0.43	0.68	0.48	0.36	0.63
2022	0.15	0.09	0.23	0.18	0.13	0.25	0.27	0.18	0.39
2024	0.14	0.08	0.23	0.16	0.09	0.27	0.09	0.04	0.17
Methamphetamine (lifetime)									
2010	0.19	0.12	0.27	0.33	0.21	0.50	0.38	0.27	0.53
2012	0.16	0.10	0.25	0.19	0.12	0.27	0.33	0.24	0.44
2014	0.20	0.12	0.31	0.28	0.16	0.45	0.24	0.16	0.33
2016	0.16	0.08	0.28	0.19	0.13	0.26	0.31	0.23	0.42
2018	0.27	0.18	0.38	0.39	0.28	0.52	0.33	0.23	0.45
2022	0.08	0.05	0.13	0.11	0.06	0.17	0.12	0.07	0.20
2024	0.07	0.03	0.13	0.06	0.03	0.10	0.04	0.01	0.11
New Psychoactive Substances (NSP) (lifetime)									
2012	0.11	0.07	0.17	0.16	0.10	0.24	0.37	0.27	0.49
2014	0.14	0.07	0.25	0.23	0.14	0.34	0.20	0.13	0.28
2016	0.14	0.07	0.25	0.20	0.14	0.28	0.30	0.22	0.41
2018	0.27	0.18	0.38	0.37	0.27	0.50	0.27	0.19	0.38
2022	0.09	0.05	0.13	0.17	0.10	0.27	0.14	0.08	0.22
2024	0.07	0.04	0.13	0.05	0.03	0.09	0.05	0.01	0.11
Any of Marijuana, Methamphetamine and NPS (lifetime)									
2010	0.25	0.17	0.34	0.44	0.29	0.63	0.49	0.34	0.69
2012	0.25	0.16	0.37	0.24	0.17	0.34	0.46	0.35	0.59
2014	0.26	0.17	0.37	0.35	0.23	0.52	0.31	0.22	0.42
2016	0.20	0.11	0.34	0.24	0.17	0.32	0.39	0.30	0.51
2018	0.30	0.21	0.41	0.46	0.35	0.59	0.38	0.28	0.50
2022	0.12	0.08	0.19	0.19	0.12	0.30	0.18	0.10	0.30
2024	0.12	0.07	0.21	0.11	0.06	0.19	0.05	0.02	0.12
Any illicit drugs (lifetime)									
2010	0.75	0.59	0.93	0.93	0.73	1.16	0.92	0.71	1.16
2012	0.65	0.51	0.82	0.68	0.55	0.82	1.00	0.81	1.22
2014	0.90	0.69	1.15	1.09	0.83	1.40	1.04	0.86	1.26
2016	0.38	0.26	0.52	0.36	0.28	0.47	0.62	0.49	0.78
2018	0.43	0.33	0.56	0.64	0.51	0.78	0.56	0.43	0.72
2022	0.18	0.12	0.26	0.26	0.17	0.37	0.31	0.20	0.45
2024	0.20	0.13	0.31	0.23	0.14	0.36	0.10	0.04	0.18

NSP have been included in the survey since 2012.

The data for "marijuana, methamphetamine, or NSP" have included NSP since the 2022 survey.

95%CI : 95% confidence interval

The 2020 survey was canceled due to the spread of COVID-19.

For the estimation of values, R (ver. 4.4.1) and the survey package (ver. 4.4-2) were used to calculate point estimates and 95% confidence intervals.

**Table 3. Annual change for junior high school students nationwide:
Prevalence of alcohol and tobacco use in lifetime and past year (by gender)**

Year of survey	All students			Male students			Female students		
	Point estimate (%)	95%CI		Point estimate (%)	95%CI		Point estimate (%)	95%CI	
		Lower	Upper		Lower	Upper		Lower	Upper
Alcohol(lifetime)									
2010	41.0	39.8	42.3	42.3	41.0	43.6	39.7	38.1	41.3
2012	35.6	34.4	36.9	37.7	36.3	39.2	33.5	32.2	34.8
2014	29.9	28.9	31.0	32.4	31.2	33.6	27.2	26.0	28.4
2016	27.8	26.7	29.0	29.5	28.1	30.9	26.2	24.9	27.5
2018	21.9	21.0	22.8	24.0	23.0	25.0	19.6	18.7	20.6
2022	14.8	14.1	15.5	17.3	16.4	18.3	11.8	11.1	12.6
2024	14.9	14.0	15.8	17.4	16.2	18.6	12.0	11.0	13.0
Alcohol(past year)									
2010	24.7	23.8	25.7	25.0	24.0	26.1	24.4	23.2	25.8
2012	20.9	19.7	22.1	21.5	20.2	22.9	20.2	19.0	21.5
2014	17.5	16.7	18.2	18.6	17.8	19.5	16.2	15.3	17.1
2016	15.2	14.2	16.2	16.8	15.6	18.0	13.6	12.7	14.6
2018	11.9	11.3	12.5	13.5	12.8	14.3	10.1	9.5	10.8
2022	7.4	7.0	7.8	8.9	8.3	9.5	5.7	5.3	6.2
2024	5.7	5.3	6.1	6.9	6.3	7.5	4.3	3.8	4.8
Tobacco (lifetime)									
2010	7.2	6.5	7.9	8.9	8.0	9.9	5.5	4.8	6.2
2012	5.3	4.7	5.9	7.0	6.1	8.0	3.5	3.1	4.0
2014	3.7	3.4	4.1	5.0	4.5	5.6	2.3	2.0	2.7
2016	2.2	1.9	2.5	2.8	2.4	3.2	1.6	1.3	2.0
2018	2.2	2.0	2.5	2.8	2.5	3.2	1.6	1.4	1.8
2022	1.3	1.1	1.4	1.6	1.4	1.9	0.8	0.6	0.9
2024	1.3	1.1	1.6	1.7	1.4	2.1	0.9	0.7	1.1
Tobacco (past year)									
2010	3.4	3.0	3.9	4.0	3.5	4.6	2.8	2.3	3.3
2012	2.3	1.9	2.7	3.1	2.5	3.8	1.5	1.2	1.8
2014	1.5	1.3	1.7	2.1	1.7	2.5	0.8	0.7	1.0
2016	1.0	0.9	1.2	1.4	1.2	1.7	0.6	0.5	0.8
2018	1.0	0.9	1.2	1.4	1.2	1.6	0.7	0.5	0.8
2022	0.6	0.5	0.7	0.8	0.7	1.0	0.3	0.3	0.4
2024	0.7	0.6	0.9	1.0	0.7	1.3	0.4	0.3	0.5

95%CI : 95% confidence interval

The 2020 survey was canceled due to the spread of COVID-19.

For the estimation of values, R (ver. 4.4.1) and the survey package (ver. 4.4-2) were used to calculate point estimates and 95% confidence intervals.

**Table 4. Annual change for junior high school students nationwide:
Prevalence of alcohol and tobacco use in lifetime and past year (by grade)**

Year of survey	1st-year students			2nd-year students			3rd-year students		
	Point estimate (%)	95%CI		Point estimate (%)	95%CI		Point estimate (%)	95%CI	
		Lower	Upper		Lower	Upper		Lower	Upper
Alcohol (lifetime)									
2010	35.7	34.1	37.4	40.3	39.0	41.6	46.6	44.8	48.4
2012	29.2	28.0	30.4	35.5	34.1	36.9	41.6	39.5	43.8
2014	25.7	24.5	27.0	29.9	28.4	31.3	33.8	32.5	35.2
2016	24.5	22.8	26.3	26.2	25.0	27.5	32.6	30.9	34.3
2018	18.3	17.2	19.3	21.9	20.6	23.2	25.0	23.7	26.3
2022	12.8	11.9	13.7	15.3	14.2	16.4	15.9	15.0	16.9
2024	15.5	14.2	16.8	13.9	12.8	15.1	15.3	13.6	17.2
Alcohol (past year)									
2010	19.9	18.5	21.3	24.0	23.0	25.1	29.9	28.6	31.2
2012	14.7	13.6	15.8	20.9	19.6	22.2	26.5	24.6	28.5
2014	13.6	12.8	14.5	17.6	16.6	18.7	20.9	19.8	22.0
2016	13.0	11.9	14.2	13.9	13.0	14.9	18.4	17.0	19.9
2018	9.8	9.1	10.6	11.6	10.9	12.4	13.9	12.8	15.0
2022	6.7	6.1	7.4	7.4	6.8	8.1	7.9	7.3	8.6
2024	5.9	5.3	6.6	5.2	4.6	5.8	6.0	5.1	7.0
Tobacco (lifetime)									
2010	4.5	4.0	5.1	6.7	6.0	7.5	10.1	8.7	11.6
2012	2.9	2.5	3.4	4.9	4.3	5.5	7.8	6.7	8.9
2014	2.8	2.4	3.3	3.9	3.4	4.6	4.4	4.0	4.9
2016	1.7	1.3	2.1	2.0	1.7	2.3	2.9	2.5	3.4
2018	1.5	1.3	1.7	2.3	2.0	2.6	2.9	2.5	3.3
2022	1.0	0.8	1.2	1.2	0.9	1.4	1.6	1.3	2.0
2024	1.2	0.9	1.5	1.4	1.1	1.7	1.5	1.1	1.8
Tobacco (past year)									
2010	1.9	1.5	2.2	2.9	2.5	3.4	5.3	4.3	6.4
2012	1.0	0.7	1.3	2.2	1.8	2.7	3.6	3.0	4.4
2014	1.1	0.8	1.4	1.6	1.2	2.0	1.8	1.6	2.1
2016	0.8	0.6	1.2	0.9	0.7	1.1	1.4	1.2	1.7
2018	0.6	0.5	0.8	1.0	0.8	1.2	1.4	1.1	1.6
2022	0.5	0.4	0.7	0.6	0.4	0.7	0.8	0.6	1.0
2024	0.6	0.4	0.8	0.7	0.5	1.0	0.8	0.5	1.2

95%CI : 95% confidence interval

The 2020 survey was canceled due to the spread of COVID-19.

For the estimation of values, R (ver. 4.4.1) and the survey package (ver. 4.4-2) were used to calculate point estimates and 95% confidence intervals.

Table 5. Prevalence of illicit drug use in lifetime for junior high school students nationwide (by gender and grade)

Experience of illicit drug in the lifetime									
	All students			Male students			Female students		
	point estimation n (%)	95%CI		point estimation n (%)	95%CI		point estimation n (%)	95%CI	
		lower	upper		lower	upper		lower	upper
Marijuana	0.07	0.05	0.11	0.08	0.04	0.14	0.04	0.02	0.07
Inhalants	0.13	0.09	0.18	0.16	0.09	0.26	0.07	0.04	0.12
Methamphetamine	0.06	0.03	0.09	0.05	0.02	0.11	0.03	0.02	0.06
New Psychoactive Substances (NPS)	0.06	0.04	0.09	0.07	0.03	0.13	0.02	0.01	0.04
Any of Marijuana, Methamphetamine and NPS	0.10	0.07	0.14	0.11	0.06	0.19	0.05	0.03	0.09
Any illicit drugs	0.18	0.13	0.24	0.22	0.14	0.33	0.10	0.06	0.15
	1st-year students			2nd-year students			3rd-year students		
	point estimation n (%)	95%CI		point estimation n (%)	95%CI		point estimation n (%)	95%CI	
		lower	upper		lower	upper		lower	upper
Marijuana	0.09	0.04	0.16	0.07	0.03	0.14	0.05	0.02	0.12
Inhalants	0.14	0.08	0.23	0.16	0.09	0.27	0.09	0.04	0.17
Methamphetamine	0.07	0.03	0.13	0.06	0.03	0.10	0.04	0.01	0.11
New Psychoactive Substances (NPS)	0.07	0.04	0.13	0.05	0.03	0.09	0.05	0.01	0.11
Any of Marijuana, Methamphetamine and NPS	0.12	0.07	0.21	0.11	0.06	0.19	0.05	0.02	0.12
Any illicit drugs	0.20	0.13	0.31	0.23	0.14	0.36	0.10	0.04	0.18

95%CI : 95% confidence interval

For the estimation of values, R (ver. 4.4.1) and the survey package (ver. 4.4-2) were used to calculate point estimates and 95% confidence intervals.

Table 6. Prevalence of illicit drug use in the past year for junior high school students nationwide (by gender and grade)

Experience of illicit drug in the past year									
	All students			Male students			Female students		
	point estimation n (%)	95%CI		point estimation n (%)	95%CI		point estimation n (%)	95%CI	
		lower	upper		lower	upper		lower	upper
Marijuana	0.04	0.02	0.07	0.05	0.02	0.10	0.02	0.00	0.05
Inhalants	0.08	0.04	0.13	0.09	0.04	0.17	0.05	0.02	0.09
Methamphetamine	0.03	0.01	0.05	0.03	0.01	0.07	0.01	0.00	0.03
New Psychoactive Substances (NPS)	0.03	0.01	0.05	0.04	0.02	0.09	0.01	0.00	0.03
Any of Marijuana, Methamphetamine and NPS	0.05	0.03	0.08	0.07	0.03	0.12	0.02	0.00	0.05
Any illicit drugs	0.11	0.07	0.16	0.13	0.07	0.22	0.06	0.03	0.11
	1st-year students			2nd-year students			3rd-year students		
	point estimation n (%)	95%CI		point estimation n (%)	95%CI		point estimation n (%)	95%CI	
		lower	upper		lower	upper		lower	upper
Marijuana	0.05	0.02	0.10	0.02	0.01	0.06	0.04	0.01	0.09
Inhalants	0.08	0.04	0.15	0.10	0.05	0.19	0.05	0.02	0.13
Methamphetamine	0.03	0.02	0.06	0.02	0.01	0.05	0.02	0.00	0.07
New Psychoactive Substances (NPS)	0.04	0.02	0.06	0.02	0.00	0.05	0.03	0.01	0.09
Any of Marijuana, Methamphetamine and NPS	0.08	0.04	0.13	0.03	0.01	0.07	0.04	0.01	0.10
Any illicit drugs	0.12	0.07	0.21	0.12	0.06	0.21	0.07	0.03	0.15

95%CI : 95% confidence interval

For the estimation of values, R (ver. 4.4.1) and the survey package (ver. 4.4-2) were used to calculate point estimates and 95% confidence intervals.

Table 7. Prevalence of over-the-counter drug abuse in the past year for junior high school students nationwide (by gender and grade)

Experience of over-the-counter drug abuse in the past year									
	All students			Male students			Female students		
	point estimation (%)	95%CI		point estimation (%)	95%CI		point estimation (%)	95%CI	
		lower	upper		lower	upper		lower	upper
Past year	1.8	1.6	2.0	1.5	1.3	1.7	2.0	1.7	2.3
	1st-year students			2nd-year students			3rd-year students		
	point estimation (%)	95%CI		point estimation (%)	95%CI		point estimation (%)	95%CI	
		lower	upper		lower	upper		lower	upper
Past year	2.1	1.8	2.4	1.8	1.5	2.1	1.6	1.3	1.9

95%CI : 95% confidence interval

For the estimation of values, R (ver. 4.4.1) and the survey package (ver. 4.4-2) were used to calculate point estimates and 95% confidence intervals.

Table 8. Prevalence of alcohol use in lifetime and the past year for junior high school students nationwide (by gender and grade)

Alcohol use in the lifetime and the past year									
	All students			Male students			Female students		
	point estimation n (%)	95%CI		point estimation n (%)	95%CI		point estimation n (%)	95%CI	
		lower	upper		lower	upper		lower	upper
Lifetime	14.9	14.0	15.8	17.4	16.2	18.6	12.0	11.0	13.0
Past year	5.7	5.3	6.1	6.9	6.3	7.5	4.3	3.8	4.8
	1st-year students			2nd-year students			3rd-year students		
	point estimation n (%)	95%CI		point estimation n (%)	95%CI		point estimation n (%)	95%CI	
		lower	upper		lower	upper		lower	upper
Lifetime	15.5	14.2	16.8	13.9	12.8	15.1	15.3	13.6	17.2
Past year	5.9	5.3	6.6	5.2	4.6	5.8	6.0	5.1	7.0

95%CI : 95% confidence interval

For the estimation of values, R (ver. 4.4.1) and the survey package (ver. 4.4-2) were used to calculate point estimates and 95% confidence intervals.

Table 9. Prevalence of tobacco use in lifetime and the past year for junior high school students nationwide (by gender and grade)

Tobacco use in the lifetime and the past year									
	All students			Male students			Female students		
	point estimation n (%)	95%CI		point estimation n (%)	95%CI		point estimation n (%)	95%CI	
		lower	upper		lower	upper		lower	upper
Lifetime	1.3	1.1	1.6	1.7	1.4	2.1	0.9	0.7	1.1
Past year	0.7	0.6	0.9	1.0	0.7	1.3	0.4	0.3	0.5
	1st-year students			2nd-year students			3rd-year students		
	point estimation n (%)	95%CI		point estimation n (%)	95%CI		point estimation n (%)	95%CI	
		lower	upper		lower	upper		lower	upper
Lifetime	1.2	0.9	1.5	1.4	1.1	1.7	1.5	1.1	1.8
Past year	0.6	0.4	0.8	0.7	0.5	1.0	0.8	0.5	1.2

95%CI : 95% confidence interval

For the estimation of values, R (ver. 4.4.1) and the survey package (ver. 4.4-2) were used to calculate point estimates and 95% confidence intervals.