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Survey

E-cigarette Use and Related Factors Among Thai Youth

Directions: Please write or choose an answer that best describes your experience, thoughts, feelings, and smoking behavior.

Your answer will not have any effect on you.

Items marked with an asterisk (*) at the end of the question are the questions that need to be answered.

This questionnaire consists 8 parts

Part 1: Smoking behaviors (3 main questions). Please answer the questions applied to you.

If you had smoked and quit smoking for more than 1 year, please **answer Question 1- 2.**

If you have smoked in the past 30 days and currently still smoke, please **answer Question 20-21.**

If you have never smoked, please **answer Question 20-21.**

Part 2: The use of e-cigarettes. If you have used e-cigarettes and currently still use it, please answer the questions in this part.

Part 3-8: Beliefs about e-cigarettes. For everyone, who used to smoke, currently smokes, or never smoked, please answer the questions in these parts.

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Part 1 Smoking behavior

Question 1. Had you ever smoked or tried to smoke pre-rolled/roll-your-own cigarettes?

But now you have quit smoking more than 1 year *

- Yes (Please answer 1.1 to 1.3)** **No (Skip to Question 3)**

1.1 Age when you started to smoke pre-rolled/roll-your-own cigarettes

1.2 Reasons **for the first time** you decided to smoke pre-rolled/roll-your-own cigarettes

(Can answer more than 1 reason)

- Curious and wanted to try
- Feeling cool, made me have a good personality
- Friends invited me
- Family members and relatives invited me
- Seeing examples from celebrities, singers, and famous people that I like.
- Seeing a statement, review, or mention
- Seeing family members and relatives using cigarettes
- Other, please specify

1.3 Reasons to quit or stop smoking pre-rolled/roll-your-own cigarettes

- Having health problems
- Perception of health-hazard information
- Seeing examples of people with serious health problems
- Close people stopped using it
- Close persons recommended or begged/persuaded me to stop using it
- More expensive / Not enough expenses
- Regulations and punishments from educational establishments are announced.
- There is strong enforcement of the law on tobacco use.
- Losing personality, being shunned

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- Wanting to have a good future. It is easier to find a place to study or find a job.
- Other, please specify.....

History of e-cigarette use

Question 2: You had used or tried using e-cigarettes, but now you have quit using e-cigarettes for more than 1 year *

- Yes (Please answer 2.1-2.3) No (Skip to Questions 20-21)

2.1 Age when you started to use e-cigarettes.....

2.2 Reasons **for the first time** you decided to use e-cigarettes (Can answer more than 1 reason)

- Curious and wanted to try
- Feeling cool, made me have a good personality
- Friends invited me
- Family members and relatives invited me
- Seeing examples from celebrities, singers, and famous people that I like.
- Seeing a statement, review, or mention
- Seeing family members and relatives using e-cigarettes
- Other, please specify

2.3 Reasons for quitting or stopping using e-cigarettes

- Having health problems
- Perception of health-hazard information
- Seeing examples of people with serious health problems
- Close people quit smoking
- Close persons recommended or begged/persuaded me to stop using
- More expensive / Not enough expenses
- Regulations and punishments from educational establishments are announced.

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- There is strong enforcement of the law on tobacco use.
- Losing personality, being shunned
- Wanting to have a good future. It is easier to find a place to study or find a job.
- Other, please specify.....

Current cigarette use

Question 3. You have smoked cigarettes in the past 30 days and currently are still smoking cigarettes *

- Yes (Please answer 3.1-3.5) No (Skip to Questions 20-21)

3.1 Types of cigarettes you currently use (can choose more than 1 type)

- Roll-your-own cigarettes only. Age, you started using cigarettes..... years
- Pre-rolled cigarettes only. Age, you started using cigarettes..... years
- Both roll-your-own cigarettes or pre-rolled cigarettes. Age, you started smoking cigarettes years
- E-cigarettes only. Age you started using e-cigarettes years
- E-cigarettes in combination with other cigarettes. Age, you started using cigarettes..... years

3.2 Reasons for the first time you decided to smoke pre-rolled/roll-your-own cigarettes (Can answer more than 1 reason)

- Curious and wanted to try
- Feeling cool, made me have a good personality
- Friends invited me
- Family members and relatives invited me
- Seeing examples from celebrities, singers, and famous people that I like.
- Seeing a statement, review, or mention
- Seeing family members and relatives using cigarettes

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Other, please specify

3.3 Reasons why you are still smoking pre-rolled/roll-your-own cigarettes (Can answer more than 1 reason)

Feeling cool, makes me have a good personality

Friends invited me

Family members and relatives invited me

Seeing examples from celebrities, singers, and famous people that I like.

Seeing a statement, review, or mention

Seeing family members and relatives using cigarettes

Other, please specify

3.4 How often do you smoke in a month?

Every day

20-29 days

10-19 days

6-9 days

3-5 days

1-2 days

3.5 You start smoking the first cigarette or tobacco product of the day. How long after you have woken up in the morning? *

Less than 10 minutes

10-30 minutes

31-60 minutes

More than 60 minutes

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Part 2: The use of e-cigarettes (19 questions) (If you currently use e-cigarettes or you use both e-cigarettes and other cigarettes, please answer this part)

Which cigarette use best describes you

You started smoking pre-rolled/roll-your-own cigarettes and then switched to using e-cigarettes.

You only use e-cigarettes.

You use both e-cigarettes and pre-rolled/roll-your-own cigarettes.

1. The reasons for **the first time** you decided to use **e-cigarettes** (Can answer more than 1 reason)

Curious and wanted to try

Feeling cool, made me have a good personality

Friends invited me

Family members and relatives invited me

Seeing examples from celebrities, singers, and famous people that I like.

Seeing a statement, review, or mention

Seeing family members and relatives smoking e-cigarettes

Feeling safer than smoking previous cigarettes

Other, please specify

2. Types of e-cigarettes you currently use (can answer more than 1 type)

Manufactured products (Vape)

Do-It-Yourself e-liquids (DIY e-liquids)

Port

Electric Hookah (Baraku)

Pod Mods (smartwatch form)

Tobacco Heat Product (THP)

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Other, please specify.....

3. In the past 30 days, what brand of e-cigarettes do you use regularly? (can answer more than 1 brand)

JUUL

Blu

Logic

MarkTen

NJOY

Vuse

SMOK

Suorin

Other, please specify.....

4. Do you add liquid or other substances when using e-cigarettes?

Yes, please specify

No

5. In the past 30 days, how often have you used e-cigarettes? *

< 20 days

≥ 20 days

Daily use

6. Each time you use an e-cigarette, you smoke..... puff

Or other quantity, please specify.....

7. Times of e-cigarette use each day (Can answer more than 1 time)

Immediately after waking up

Before or after eating

During class breaks/free time

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- After school
- Before going to bed

8. Place to use e-cigarettes regularly (can answer more than 1 place) *

- An area designated for smoking
- House/dormitory
- Restaurant/entertainment place
- Bus stop
- Toilet
- Other, please specify.....

9. How do you get an e-cigarette? (Can answer more than 1 method)

- A friend gives it to me, or I use a friend's
- It is available at home (parents, siblings provide it, or it is already in the house)
- I purchase from recommended sources such as night markets, night service
- I order online, such as Facebook, Line
- I buy it from a grocery store, a convenience store
- Other, please specify.....

10. How much do you spend on e-cigarettes? Average per month..... baht

11. How long have you been using e-cigarettes? Day Month Year

12. Situations that make you use or want to use e-cigarettes (Can answer more than 1 situation)

- When feeling frustrated/angry/lonely
- Close to exam period/close to project submission/report submission period
- Socialize with friends
- Seeing a friend/family member/close person smoking
- Seeing pictures or media (social media)
- Other, please specify

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13. During the past 1 year, have you used any of the following substances besides e-cigarettes?

(Can answer more than **1 substance**)

- Alcohol/Liquor/Beer/Wine/Spy
- Energy drink
- Sleeping pills/relaxation pills
- Other narcotics, please specify.....
- Never used

14. Reasons you continue using e-cigarettes * (Can answer more than 1 reason)

- Happy to use
- Cannot force myself to stop using it.
- Easy to carry
- Socialize with a group of friends who use e-cigarettes.
- Easy to buy
- Inexpensive
- Other, specify.....

15. Have you ever tried to quit using e-cigarettes?

- Never thought
- Ever thought about quitting but never tried
- Ever thought about quitting but do not know how/information to help in quitting
- Ever tried to quit but come back to use it again

16. All the time you use e-cigarettes, has it caused you to reduce, stop, or completely quit smoking regular cigarettes?

- Smoke the same amount of pre-rolled/roll-your-own cigarettes as before.
- Reduce smoking pre-rolled/roll-your-own cigarettes
- Stop smoking pre-rolled/roll-your-own cigarettes **(please skip to Question 18)**

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- Smoke more pre-rolled/roll-your-own cigarettes
- Never smoked pre-rolled/roll-your-own cigarettes before **(please skip to Question 18)**

17. The reason why you still smoke pre-rolled/roll-your-own cigarettes together with e-cigarettes.

- Cannot resist/cannot quit
- Inexpensive
- Easy to buy/to get
- Seeing someone close to me smoke
- Other, please specify.....

18. Do you use the same e-cigarette device with your friend or share your e-cigarette device with your friend, sibling, or people from your group?

- Personal use only
- Share with friends, siblings, and people in my group.

19. Reasons that may make you less likely to use e-cigarettes or make you quit using it.

- Having health problems
- Perception of health-hazard information
- Seeing examples of people with serious health problems.
- Close people quit smoking
- Close persons recommended or begged/persuaded me to quit smoking
- More expensive / Not enough expenses
- Regulations and punishments from educational establishments are announced.
- There is strong enforcement of the law on the use of e-cigarettes.
- Losing personality, being shunned
- Wanting to have a good future. It is easier to find a place to study or find a job.

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Other, please specify.....

If you have never used cigarettes and e-cigaretts, please answer questions 20 - 21

20. Would you like to try e-cigarettes in the next 1 month or not? *

- Definitely not
- Not sure
- Want to try
- Will try it once

21. If a close friend persuades you to try an e-cigarette, will you try it or not? *

- Definitely not
- Not sure
- Yes
- Definitely yes

Part 3: Beliefs about E-cigarettes (12 items)* (Everyone, please answer)

Please put a mark / in the box that best matches your beliefs about e-cigarettes and cigarettes.

5 means that you believe or feel the most confident about that statement

1 means that you believe or feel the least confident about that statement.

You believe...	5	4	3	2	1
1. E-cigarettes contain less nicotine than pre-rolled cigarettes.					
2. E-cigarettes can help you quit smoking pre-rolled cigarettes.					
3. E-cigarettes contain only volatile flavoring liquid, no nicotine.					
4. E-cigarettes do not cause annoyance or disturb others.					

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5. E-cigarettes help relieve stress.					
6. E-cigarettes help socialize.					
7. E-cigarettes help enhance personality.					
8. E-cigarettes help reduce the chances of health problems such as emphysema, cancer, and cardiovascular disease.					
9. E-cigarettes are dangerous because their batteries can explode and spontaneously ignite.					
10. E-cigarettes are the starting point for using cigarettes or other addictive substances.					
11 Smoking e-cigarettes is not illegal.					
12 E-cigarettes do not cause addiction.					

Part 4 Attitudes toward e-cigarette use (5 items) * (Everyone, please answer)

Please put a / mark on the answer box that corresponds to your level of opinion.

1. E-cigarettes are safer than conventional cigarettes.

Most disagree 1 2 3 4 5 Most agree

2. E-cigarettes are a fashion product for teenagers.

Most disagree 1 2 3 4 5 Most agree

3. E-cigarettes represent modernity and being a new generation.

Most disagree 1 2 3 4 5 Most agree

4. Stylish appearance of e-cigarettes makes one want to try them.

Most disagree 1 2 3 4 5 Most agree

5 Smoking e-cigarettes makes one get along with friends.

Most disagree 1 2 3 4 5 Most agree

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Part 5: Legal knowledge about e-cigarettes (8 items) * (Everyone, please answer)

Please put a / mark on the answer box that matches your understanding.

1. E-cigarettes are prohibited from being imported into Thailand.
 Yes No
2. E-cigarettes are banned from sale and service in Thailand.
 Yes No
3. Possession of e-cigarettes is illegal
 Yes No
4. Using e-cigarettes in public places is illegal.
 Yes No
5. Using e-cigarettes in private places such as houses and dormitories is not illegal.
 Yes No
6. Ordering e-cigarettes is an illegal act.
 Yes No
7. Advertising or sharing e-cigarette products or images while using them through various media, such as TV, books, LINE, Facebook, Instagram, blogs, etc., is a personal right and not illegal.
 Yes No
8. Sale distribution and advertisements for e-cigarettes on online social networks such as Facebook or Websites are illegal.
 Yes No

Part 6: Family factors (5 items) (Everyone, please answer)

Please put a / mark on the answer box that corresponds to your answer.

1. Family income
 Not enough Enough, but no saving Enough with saving Do not know

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2. Family characteristics

- Single parent Parents and children Extended family including grandparents.
- Skipping-generation families, grandparents living with grandchildren
- Other, specify.....

3. Does any of your family members use e-cigarettes? *

- No Uses once in a while Uses regularly

If a family member uses e-cigarettes, please specify.....

(e.g., father, mother, siblings, uncles, aunts, uncles, grandparents, stepfathers, etc.)

4. Do your parents or family members not allow anyone to use e-cigarettes inside the house?*

- Yes No

5 When/if you smoke, do your parents or family support you using e-cigarettes instead of smoking cigarettes *

- Yes No Indifferent

Part 7: Environmental factors related to e-cigarettes (10 questions) (Everyone, please answer)

Please put a / mark on the answer box that corresponds to your answer.

1. Type of school where you are studying

- Public school Private school

2. School location

- Bangkok - Vicinity
- Northeast
- North
- Central
- South

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3. Within a distance of 5 kilometers around your educational institution, are there entertainment venues/alcoholic beverage service places?
- Yes, please specify the number of places None
4. Does your educational institution (school) have a sign/message/symbol announcing the ban on the use of **e-cigarettes** within the educational institution? *
- Yes, available only in the building
- Yes, available in buildings, public areas/gardens/shops, or commonly seen everywhere in my educational institution.
- Yes, available only at the front/back of the school fence gate.
- None
5. Are there people close to you who use **e-cigarettes**? *
- Nobody uses them
- Yes, (you can answer more than one)
- Father and/or mother
- Siblings or relatives living in the same house
- Neighbors or roommates
- Lover/boyfriend/girlfriend
- Close friends/friends in the group
- Teachers
- Other, please specify.....
6. Have you seen the sale of e-cigarettes **in the area near the school** where you are studying?*
- Never 1-2 times a month 1-2 times a week Almost every day
7. Have you seen the use of e-cigarettes **in the educational institute** where you are studying? *
- Never 1-2 times a month 1-2 times a week Almost every day

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8. Have you seen the use of e-cigarettes in the community where you live? *

Never 1-2 times a month 1-2 times a week Almost every day

9. Have you ever seen an advertisement for e-cigarettes on social media? *

Never 1-2 times a month 1-2 times a week almost every day

10. Have you visited and followed e-cigarette communications on social media? *

Never 1-2 times a month 1-2 times a week Almost every day

Part 8: General information (7 questions) (Everyone, please answer)

1. Gender Female Male Alternative

2. Age years

3. You are studying *

High school, grade 10 High school, grade 11 High school, grade 12.

Major in.....

Course Thai International English Program

Vocational education at the vocational certificate level (Voc. Cert.)

Year class 1 2 3

Field of study

Vocational education at high vocational certificate level (Diploma/ High Voc. Cert)

Year class 1 2 3

Field of study

Higher education Year class 1 2 3 4

Faculty / Program

4. Do you have a monthly income receiving from your father/mother/sponsor? *

..... baht

5. Do you earn a monthly income from working outside of school hours?

..... baht

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6. Do you have a monthly income receiving from the education fund/student loans?

..... baht

7. Your current place of residence *

- Father / Mother / Sponsor's house
- Relative's house
- Your friend's house
- School dormitory
- Private dormitory/condo/room for rent with friends
- Private dormitory/ condo/room for rent alone

End of Questionnaire

Thank you for taking the time to answer the questionnaire

If you want to quit smoking
Quitline
Tel.1600

