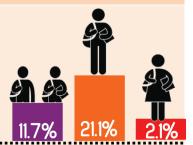
The Tobacco and E-cigarette Survey among Malaysian Adolescents (TECMA) 2016 is a nationally representative study which has been carried out to obtain the latest information on tobacco and ecigarette/vape usage among Malaysian adolescents as there is no national study on this subject. The objectives of this study were to determine e-cigarette/vape usage, to assess student related knowledge and behaviour towards e-cigarette/vape usage and to determine the prevalence of dual users (tobacco and e-cigarette/ vape users) among Malaysian adolescents.

CURRENT CIGARETTE SMOKERS

Overall: (0.41 million)

Boys: (0.37 million) Girls

: (0.04 million)



RURAL

14.9%

urban

NUMBER OF CIGARETTES SMOKED PER DAY

More than a third smoked (36.8%)



PREVALENCE OF DAILY CURRENT CIGARETTE SMOKERS

13.9%



smoked daily

EVER CIGARETTE SMOKERS

OVERALL





LEVEL OF NICOTINE DEPENDENCE AMONG CURRENT CIGARETTE SMOKERS

39.7% (0.13million) NO dependence

29.3% (0.09 million) LOW to MODERATE dependence

28.5% (0.09 million) VERY LOW dependence

1.6% (0.005 million) MODERATE dependence

0.9% (0.003 million) HIGH dependence

* Based on Heaviness of Smoking Index





FACT SHEET

 $\boldsymbol{\mathsf{A}}$ two-stage stratified cluster sampling design was used for this survey to produce a nationally representative data. The target population were school going adolescents. A total of 14,833 students from 138 schools from 15 states were selected. A self-administered questionnaire was used as a tool for this

SMOKING CESSATION INDICATORS AMONG CURRENT CIGARETTE SMOKERS

wanted to stop smoking now

75.5% tried to stop smoking in the past 12 months

received help/advice from quit smoking programmes in 27.6%

4.4% received help/advice from quit smoking clinics

ACCESSIBILITY

50.6%

Of those below 18 years were not prevented from buying tobacco products



SOURCE

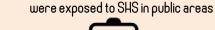
COST 71.6%



purchased their cigarettes from supermarkets, grocery stores or roadside stalls

spent less than RM9.00 per pack of cigarettes

EXPOSURE TO SECOND HAND SMOKE (SHS) IN THE PAST 7 DAYS



were exposed to SHS at home

KNOWLEDGE & ATTITUDE ABOUT CIGARETTE SMOKING

89.6%

knew that exposure to cigarette smoke is harmful to their

80.4%

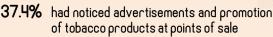
knew that smoking under the age of 18 is an offence under the law



NEWS

MEDIA & ADVERTISING

87.3% had seen anti-tobacco messages on TV. in cinemas and on social media



2.5% had been offered free tobacco products by tobacco vendors

TECMA 2016

CURRENT E-CIGARETTE/VAPEUSERS

(0.30 million) were current users of e-cigarettes / vape

The prevalence was higher among boys (16.0% - 0.25 million) as compared to girls (2.8% - 0.05 million)

40.9% used e-cigarettes / vape once a day

33.9% used 2-5 times a day

EVER E-CIGARETTE/VAPEUSERS

tried using e-cigarettes / vape The prevalence was higher among boys

0.56 million

as compared to girls

DUAL USERS (E-CIGARETTES/VAPE)

The prevalence of current dual users was....

(0.17 million)

44.0% Concurrent initiation of cigarettes and e-cigarettes/vape









TYPES OF E-CIGARETTES / VAPE USED



used modular

system/ Vape MODS....



disposable e-cigarettes.

SOURCES FOR OBTAINING E-CIGARETTES/VAPE



purchased from shops/kiosks/shopping malls

given by someone else

REASONS FOR INITIATING E-CIGARETTES/VAPE

77.3%: liked the TASTE & SMELL of the e-cigarettes/vape

63.8%: wanted to experiment with e-cigar ettes/vape

63.6%: thought that e-cigarettes/vape was safer than tobacco cigarettes

PERCEPTION OF NICOTINE CONTENT

Claimed they were not sure the e-liquid contained nicotine

38.6% 37.5%

Claimed the e-liquid contained nicotine

Claimed the e-liquid did not contain

23.8%

AWARENESS & PERCEPTION OF E-CIGARETTES/VAPE

were aware and read on the danger of e-cigarettes/vapefrom posters/pamphlets

thought that e-cigarettes/vape and cigarettes were equally harmful

COST OF USING E-CIGARETTES/ VAPE PER MONTH AMONG CURRENT USERS

never bought e-cigarettes/

14.5%

users spent less than RM50 per month

users spent RM50.00 - RM100.00

CESSATION INDICATORS AMONG CURRENT USERS

wanted to quit immediately 67.5% 71.6% 80.8% tried to quit in the past 12 months said that they would be able to stop if they wanted to.

CURRENT SHISHA USERS

3.5% of students (0.13 million)

5.5% (0.10 million)

GIRLS

4.4% (0.03 million)

EVER SHISHA USERS

10.6% (0.4 million)

BOYS 15.3% (0.3 million)

GIRLS 5.7% (0.1 million)