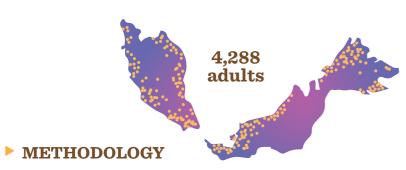
NATIONAL E-CIGARETTE SURVEY (NECS) 2016:

PREVALENCE, PATTERN AND PERCEPTION REGARDING E-CIGARETTE AND VAPE USE AMONG MALAYSIAN ADULTS

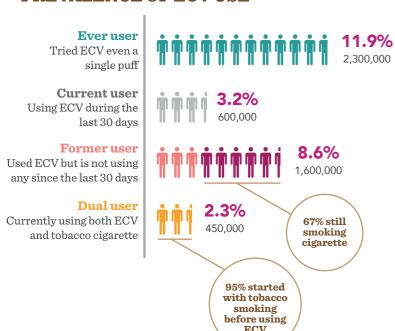
▶ INTRODUCTION

Electronic cigarette is a battery-operated device which vaporizes nicotine solution into a form of inhalable aerosol. This product usually contains nicotine and also a variety of flavourings such as tobacco, menthol, fruits and coffee which are dissolved in propylene glycol, glycerine or a mixture of these two substances. The Ministry of Health Malaysia defines e-cigarette as nicotine containing while vape does not. The NECS 2016 was done to measure the prevalence and characteristics of e-cigarette/vape (ECV) use among Malaysian adults. This study also assessed the public perception on ECV.

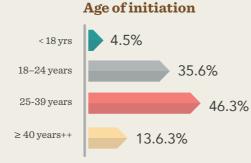


This was a multi-stage stratified cluster sampling household survey representing all Malaysian adults aged 18 years at national and urban/rural level. A total of 4,288 adults from all the states were selected and weighted using complex sampling method to represent 19 million Malaysians.

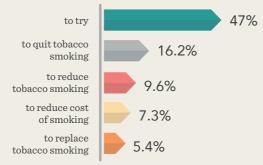
► PREVALENCE OF ECV USE



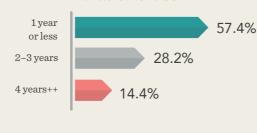




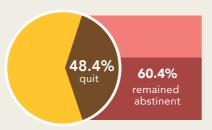




Duration of use



ECV quit attempt and duration of abstinence



Frequency of **ECV** use



Mean frequency of ECV used per day



Mean puff per ECV session

Cost

RM1122 /vear

Mean cost of ECV liquid

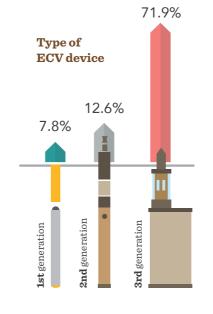


Mean cost of ECV device

48.4% of current ECV users tried quitting in the last 12 months Of these 60.4% remained abstinent more than 1 month

FACT SHEET

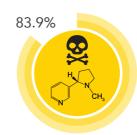
PREFERENCE OF **CURRENT ECV USER**



ECV liquid flavour



ECV liquid type and strength



with nicotine



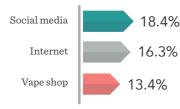
nicotine strength

Study by:

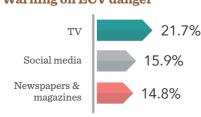
► SOURCE OF ECV

INFORMATION

Promoting ECV use



Warning on ECV danger



Motivating to quit ECV use



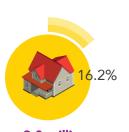
Wanted ECV to be disallowed in

places where smoking is banned

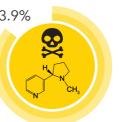
► SECONDHAND **ECV EXPOSURE**



3.6 million at work place



3.0 million at home



Preferred ECV liquid

Most preferred





► PUBLIC PERCEPTION ON ECV USE





Wanted ECV to be

banned completely

Felt that ECV did not help tobacco cigarette smokers to quit or

maintain abstinence

54.6%

thought a lot about

the health risks

from ECV use





In collaboration with: