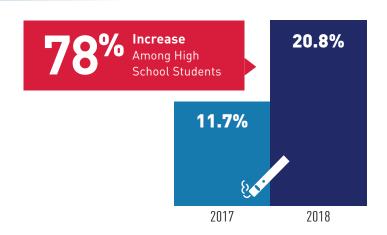
SAMMA **2018 NATIONAL YOUTH TOBACCO SURVEY FINDS CAUSE FOR CONCERN**

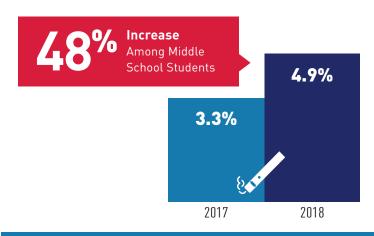
> Here is a breakdown of the recent findings:

increased alarmingly between 2017 and 2018.

Current e-cigarette use among middle and high school students

SURGE IN YOUTH CURRENT E-CIGARETTE USE — 1.5 Million More Students Used E-Cigarettes in 2018 vs 2017





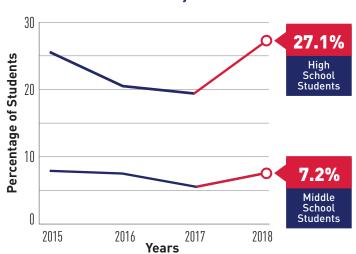
AMONG HIGH SCHOOL CURRENT E-CIGARETTE **USERS** — Rise in Frequency and Use of Flavors

E-CIGARETTE USE SURGE LED TO UPTICK IN **OVERALL TOBACCO USE** — Reversing Previous Declines

More Used E-Cigarettes on in 2018 20 or More Days ٧S 20% in 2017

More Used **Flavored** in 2018 **E-Cigarettes**

Current Use of Any Tobacco Product



Note: All numbers in this document are estimates.

Sources: (1) Cullen KA, Ambrose BK, Gentzke AS, Apelberg BJ, Jamal A, King BA. Notes from the Field: Increase in use of electronic cigarettes and any tobacco product among middle and high school students — United States, 2011-2018. MMWR Morbid Mortal Wkly Rep. 2018;67(45). (2) Wang TW, Gentzke A, Sharapova S, Cullen KA, Ambrose BK, Jamal A. Tobacco product use among middle and high school students — United States, 2011-2017. MMWR Morb Mortal Wkly Rep. 2018;67(22).

61% in 2017

CTP-116 Last Updated November 2018







