

Electronic Vapor

Despite downward trends in cigarette smoking among youths, a dramatic increase in electronic vapor product use has led to an increase in overall tobacco product use for high school students.⁽¹⁾ Among high school students nationwide in 2021, 36%⁽²⁾ had ever used an electronic vapor product while 18% currently used an electronic vapor product.⁽³⁾ 5% of students nationwide use electronic vapor products daily.⁽²⁾



2023 Results





The following are findings related to electronic vapor product use among NJ students for 2023:

- About a third of New Jersey students (31%) reported ever using an e-vapor in their life.
- About one-in-five students (18%) currently have used e-vapor products in the past 30 days.
- Frequent e-vapor product use – that is use on 20 of the past 30 days – was engaged in by 5% of NJ students.
- Daily e-vapor product use – that is use on all of the past 30 days – was reported by 4% of NJ students.
- About one-in-eight NJ students (13%) purchased e-vapor products themselves in some store, supermarket or gas station.
- Considering smoking cigarettes and/or e-vaping, about one-in-five students engaged (19%) in either or both on at least one of the past 30 days.

Trend Summary

The general 10-year trend for electronic vapor use among New Jersey youth is positive. Lifetime use declined from 45% to 31% in 2019 to 2023 and current use fell from 28% to 18%. Frequent and daily e-vapor use remained fairly consistent, with rates at about 5% and 4% respectively in 2023 and highest rates of 7% and 5% respectively in 2021.

Percentage of New Jersey Youth Who	2013	2019	2021	2023	Trend
Ever used E-Vapor product <i>have ever used an e-vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu])</i>	—	45%	36%	31%	Decrease in negative behavior 
Current E-Vapor Use <i>have used e-vapor product on 1+ days in past 30 days</i>	—	28%	22%	18%	Decrease in negative behavior 

Percentage of New Jersey Youth Who	2013	2019	2021	2023	Trend
Frequent E-Vapor Use <i>used e-vapor products frequently (on 20 or more days during the 30 days)</i>	—	6%	7%	5%	No change in behavior 
Daily E-Vapor Use <i>used e-vapor product on all 30 days in the past 30 days</i>	—	4%	5%	4%	No change in behavior 
Purchased E-Vapor Products Themselves <i>buying e-vapor product themselves in a convenience store, supermarket, discount store, or gas station in the past 30 days</i>	—	—	31%	13%	Decrease in negative behavior 
Currently Smokes Cigarettes or Used E-Vapor <i>smoked a cigarette or used e-vapor product on at least 1 of the past 30 days</i>	—	28%	22%	19%	Decrease in negative behavior 

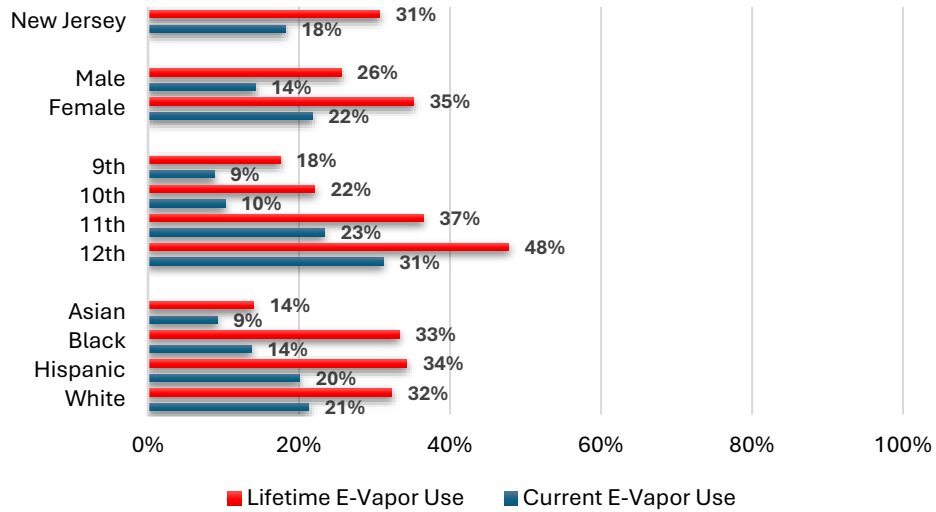
Note: Trend analysis was performed by the CDC on data from 2013 to 2023 to determine which differences across years were statistically significant. For questions not asked in all survey years, the trend analysis was performed from 2021 back to the last consecutive year in which the question was asked.

Demographic Breakdown

Lifetime and current use of electronic vapor products was reported by 31% and 18% of NJ high school students respectively.

- **Gender** – Females were more likely than males to have reported e-vapor use in their lifetime (35% vs 26%) or currently (22% vs 14%).
- **Grade** – About half of 12th graders (48%) have used e-vapor products compared to a third of 11th graders (37%) and one-in-five 10th (22%) and 9th graders (18%). Current use was also greatest amongst students in grades 12 (31%) and 11 (25%) as compared to those in grades 10 (10%) and 9 (9%).
- **Race/Ethnicity** – Hispanics (34%), Blacks (33%) and Whites (32%) all reported lifetime use of e-vapor products at much higher rates than Asian students (14%). Current use of e-vapor was much higher among Whites (21%) and Hispanics (20%) than Black (14%) or Asian (9%) students.

Electronic Vapor Use, Lifetime and Current



Resources

- ReachNJ -- Facing Addiction Taskforce: 1-844-ReachNJ (New Jersey's 24/7 Addiction Helpline), <https://nj.gov/humanservices/reachnj/>
- New Jersey Prevention Network: <https://www.njpn.org>
- Parent-To-Parent: <http://www.parent2parentnj.org/index.php>
- Rutgers -- SECD Lab: <https://www.secdlab.org/>
- Partnership for Drug-Free Kids: <https://drugfree.org/>