# Why is it important to prevent exposure to e-cigarettes? It's about keeping indoor air clean

# IT'S NOT JUST "HARMLESS WATER VAPOR"

E-cigarette aerosol contains at least 10 chemicals on California's Prop 65 list of chemicals known to cause cancer, birth defects or other reproductive harm.

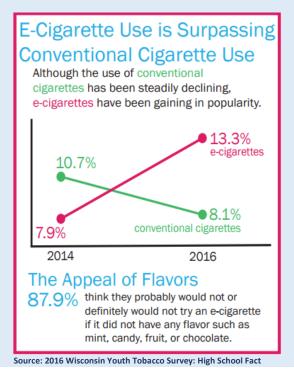
TOLUENE ACETALDEHYDE CADMIUM BENZENE FORMALDEHYDE ISOPRENE LEAD NICKEL NICOTINE N-NITROSONORNICOTINE

### FDA-approved methods to help people quit

Nicotine patch Nicotine gum Nicotine lozenge Nicotine inhaler Nicotine nasal spra<sup>1</sup> Varenicline (Chantix) Bupropion SR (Zyban)

Note: E-cigarettes are <u>NOT</u> an approved cessation device

## WI High School Youth Tobacco Survey



#### Sources

<sup>1</sup> Wisconsin Department of Health Services. 2016 Youth Tobacco Survey: High School Fact Sheet.
 <sup>2</sup> Hafner, J (2017). Juul e-cigs: The controversial vaping device popular on school campuses. USA Today.
 <sup>3</sup> Rutledge, R (2015). Gasping for action: A Watchdog Report. Milwaukee Journal Sentinel.
 <sup>4</sup> U.S. Department of Health and Human Services (2016). E-Cigarette Use Among Youth and Young

- " U.S. Department of Health and Human Services (2016). E-Cigarette Use Among Youth and Young Adults: A Report of the Surgeon General.
- <sup>5</sup> Chun el al (2017). Pulmonary toxicity of e-cigarettes. Am J Physiology Lung Cell Mol Physiol.
  <sup>6</sup> American Lung Association. E-Cigarettes and Lung Health.

- Vaping and "JUULing" is increasing among youth due to the variety e-juice flavors, like gummy bear and cotton candy.<sup>1,2</sup> Some e-juice flavorings contain diacetyl, which has been linked to "popcorn lung," a severe and irreversible lung disease.<sup>3</sup>
- Secondhand aerosol from e-cigarettes can contain nicotine, chromium, manganese, lead, and nickel and may be toxic to lung tissue, decrease the body's ability to fight respiratory infections, and can harm normal lung development.<sup>4,5</sup>
- The Surgeon General and American Lung Association recommend including e-cigarettes in smoke-free workplace laws.<sup>4,6</sup>
- Three cities in Milwaukee County include e-cigarettes in their smoke-free workplace law (West Allis, Greenfield, and South Milwaukee).



