

Nate Biscotti

From: Wygmans, Dennis <Dennis.Wygmans@vermont.gov>
Sent: Tuesday, February 18, 2025 11:09 AM
To: Timothy Lueders-dumont; Nate Biscotti; Martin LaLonde
Subject: Re: H.105

Follow Up Flag: Follow up
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This is a more recent study on the same subject and more directly related to American teen drivers.

[Associations between driving under the influence or riding with an impaired driver and future substance use among adolescents - PMC](#)

License suspensions have been shown to reduce DUI recidivism by 5%. [Effects of Drivers' License Suspension Policies on Alcohol-Related Crash Involvement: Long-Term Follow-Up in Forty-Six States - Wagenaar - 2007 - Alcoholism: Clinical and Experimental Research - Wiley Online Library](#)

I have also included a list of impairments at specific BACs. It is important to note that the .02 ticket covers *any* BAC over .02, and not just those *at* .02.

Impairment begins at .02. Virtually every person is impaired at .05. Young drivers are already at a higher risk for highway fatalities than drivers over 21. They constituted almost 20 % of alcohol involved highway fatalities in 2022. ([Young Drivers | NHTSA](#)) ([Facts + Statistics: Alcohol-impaired driving | III](#)).

[Drunk Driving | Statistics and Resources | NHTSA](#)

**Blood Alcohol
Concentration (BAC)
in g/dL**

Typical Effects

Predictable Effects on D

.02

Some loss of judgment; relaxation, slight body warmth, altered mood

Decline in visual functions (e.g., target), decline in ability to do same time (divided attention)

.05	Exaggerated behavior, may have loss of small-muscle control (e.g., focusing your eyes), impaired judgment, usually good feeling, lowered alertness, release of inhibition	Reduced coordination, re... moving objects, difficulty... to emergency driving situa...
.08	Muscle coordination becomes poor (e.g., balance, speech, vision, reaction time, and hearing), harder to detect danger; judgment, self-control, reasoning, and memory are impaired	Concentration, short-term... control, reduced informat... (e.g., signal detection, vis... perception
.10	Clear deterioration of reaction time and control, slurred speech, poor coordination, and slowed thinking	Reduced ability to maintai... appropriately
.15	Far less muscle control than normal, vomiting may occur (unless this level is reached slowly or a person has developed a tolerance for alcohol), major loss of balance	Substantial impairment in... driving task, and in necess... information processing

[Blood Alcohol Level Chart and Easy Guide](#)

BAC level	Standard effects
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<p>0.02</p>	<ul style="list-style-type: none"> • muscle relaxation • altered mood • increased body warmth • decline in visual function • diminished capacity to multitask • loss of judgment
<p>0.05</p>	<ul style="list-style-type: none"> • loss of fine motor control • exaggerated behavior • reduced coordination • lowered reaction time • impaired judgment • low alertness • heightened mood • lack of inhibition
<p>0.08</p>	<ul style="list-style-type: none"> • small and large motor function decline • poor hearing, seeing, speaking, and coordination • short-term memory loss • inability to concentrate • impaired perception • reduced cognitive processing speed
<p>0.10</p>	<ul style="list-style-type: none"> • noticeable lack of reaction time • slurred speech • slowed thinking • poor coordination
<p>0.15+</p>	<ul style="list-style-type: none"> • major loss of motor control • poor or no balance • severe attention and reaction deficits • inability to cognitively process sounds or visuals • nausea or vomiting

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From: Lueders-Dumont, Timothy <Timothy.Lueders-Dumont@vermont.gov>

Sent: Tuesday, February 18, 2025 11:01 AM

To: Nate Biscotti <NBiscotti@leg.state.vt.us>; Martin LaLonde <mlalonde@leg.state.vt.us>; Wygmans, Dennis <Dennis.Wygmans@vermont.gov>

Subject: H.105

<https://pmc.ncbi.nlm.nih.gov/articles/PMC3576432/>

Nate and Mr. Chair -

See the link above which we believe should be posted or shared with committee members in the context of h.105.

Further, TSRP Wygmans may provide further perspective in writing. Cc-ing him here.

Question: any background as to what issue the bill is aiming to address?

Best,

Timothy Lueders-Dumont, Esq.

Executive Director

Vermont Department of State's Attorneys and Sheriffs

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