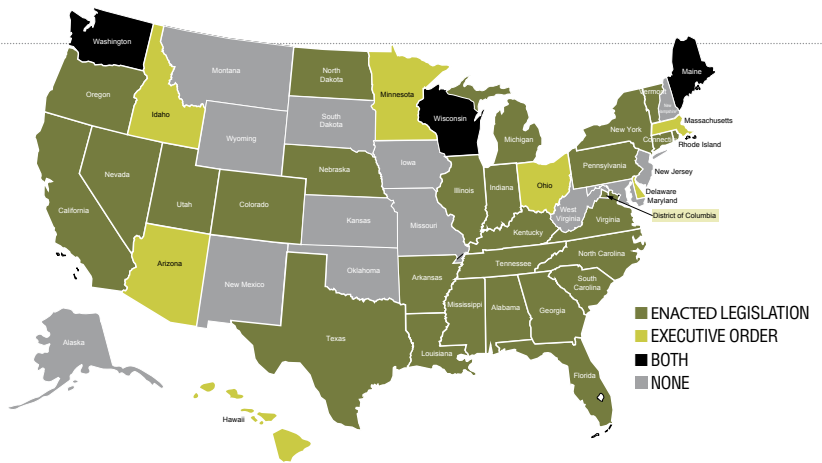


## Autonomous Vehicle Legislation By State, 2017

Since 2012, at least 41 states and D.C. have considered legislation related to autonomous vehicles, with 29 states enacting legislation. Nevada was the first state to allow autonomous Class 8 trucks.

SOURCE: NATIONAL CONFERENCE OF STATE LEGISLATURES



## SAE Automation Levels

SAE Level	Name	Narrative Definition		Execution of steering and acceleration/deceleration	Monitoring of driving environment	Fallback performance of dynamic driving task	System capability (driving modes)
<i>Human driver monitors the driving environment</i>							
<b>0</b>	No Automation	The full-time performance by the human driver of all aspects of the dynamic driving task, even when enhanced by warning or intervention systems.		Human driver	Human driver	Human driver	N/A
<b>1</b>	Drive Assistance	The driving mode-specific execution by a driver assistance system of either steering or acceleration/deceleration...	...using information about the driving environment and with the expectation that the human driver performs all remaining aspects of the dynamic driving task.	Human driver & system			Some driving modes
<b>2</b>	Partial Automation	The driving mode-specific execution by one or more driver assistance systems of both steering and acceleration/deceleration...		System			
<i>Automated driving system monitors the driving environment</i>							
<b>3</b>	Conditional Automation	The driving mode-specific performance by an automated driving system of all aspects of the dynamic driving task...	...with the expectation that the human driver will respond appropriately to a request to intervene.	System	System	Human driver	Some driving modes
<b>4</b>	High Automation		...even if a human driver does not respond appropriately to a request to intervene			Many driving modes	
<b>5</b>	Full Automation		...under all roadway and environmental conditions that can be managed by a human driver			All driving modes	

SOURCE: U.S. DEPARTMENT OF TRANSPORTATION