

Healthy North Carolina 2020  
**EVIDENCE BASED STRATEGIES**

<b>FOCUS AREA</b>	Environmental Health
<b>OBJECTIVE</b>	1. Increase the percentage of air monitoring sites meeting the current ozone standard of 0.075 ppm

<b>EBS PROGRAM DESCRIPTION</b>	<p>Inspection and Maintenance (I/M) Program</p> <p>During the annual safety inspection, vehicles are tested to ensure their emissions controls are functioning appropriately in 48 participating counties (Alamance, Brunswick, Buncombe, Burke, Cabarrus, Caldwell, Carteret, Catawba, Chatham, Cleveland, Craven, Cumberland, Davidson, Durham, Edgecombe, Forsyth, Franklin, Gaston, Granville, Guilford, Harnett, Haywood, Henderson, Iredell, Johnston, Lee, Lenoir, Lincoln, Mecklenburg, Moore, Nash, New Hanover, Onslow, Orange, Pitt, Randolph, Robeson, Rockingham, Rowan, Rutherford, Stanly, Stokes, Surry, Union, Wake, Wayne, Wilkes, and Wilson).</p>
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<b>EBS LEVEL</b> <i>CDC Ranking</i>	B = Best/Proven
<b>REFERENCE/CITATION</b> <i>Data Supporting Level/Ranking</i>	Giles L.V., Barn P., Kunzli N., Romieu I., Mittleman M.A., van Eeden, S., Allen R., Carlsten C., Stieb D., Noonan C., Smargiassi A., Kaufman J.D., Hajat S., Kosatsky T., Brauer M. "From good intentions to proven interventions: effectiveness of actions to reduce the health impacts of air pollution." <i>Environ Health Perspect</i> , 2011 119: 29-36.

<b>PROGRAM ATTRIBUTES</b>	
Influence Level	
Target Population	Residents of North Carolina
Intervention Setting	<p>"Owners of gasoline-powered vehicles in affected counties must have their emissions systems tested annually, along with vehicle safety inspections, at approved inspection stations."</p> <p><a href="http://daq.state.nc.us/news/brochures/smokewheels.pdf">http://daq.state.nc.us/news/brochures/smokewheels.pdf</a></p>
Key Measures	
Cost	<p>"The maximum annual fee for the motor vehicle emissions inspection and safety inspection is \$30, however, inspection stations can charge less."</p> <p>"Inspection stations receive most (\$23.75) of the total fee for the safety and emission inspection. The remainder of the fee (\$6.25) goes to support various related state programs, including oversight for emissions inspections, the highway trust fund, air quality, and emergency and rescues squads."</p> <p><a href="http://daq.state.nc.us/motor/inspect/inspect_faq.shtml">http://daq.state.nc.us/motor/inspect/inspect_faq.shtml</a></p>
Time to Implement	<u>Organization</u> <u>Patient/Client</u>
Difficulty to Implement <i>Resource Intensity</i>	Moderate
ROI <i>if known</i>	

<b>PROGRAM CONTACT INFORMATION</b>	
Organization	Mobile Sources Compliance Branch, Division of Air Quality, NC Department of Environment and Natural Resources
Contact Person	
Email / Telephone	(919) 707-8426 or 1-888-RU4NCAIR
Web Site	<a href="http://daq.state.nc.us/motor/inspect/htdocs/en/">http://daq.state.nc.us/motor/inspect/htdocs/en/</a>

<b>CURRENT NC-DPH SUPPORT</b>	
T.A. – Yes/No Specific group? Other limitations?	No
T.A. Contact	
Funding – Yes/No Specific group? Other limitations?	No
Funding Contact	

<b>EBS PROGRAM IMPLEMENTED BY / NC EXAMPLES</b>	
#1 – Organization Name / Contact Information	
#2 – Organization Name / Contact Information	
#3 – Organization Name / Contact Information	

<b>OTHER COMMENTS / NOTES</b>