

***Vermont 1996 Modeled Median Cancer Risk or Noncarcinogen Hazard Quotient due to Inhalation Exposure Route***

<b><i>Pollutant Name</i></b>	<b><i>CAS #</i></b>	<b><i>Median Cancer Risk or Hazard Quotient</i></b>
<b>Acrolein</b>	107-02-8	<ul style="list-style-type: none"> <li>• Chittenden County – <b>3 to 10 Hazard Quotient</b></li> <li>• All other Counties – <b>1 to 3 Hazard Quotient</b></li> </ul>
Acetaldehyde	75-07-0	<ul style="list-style-type: none"> <li>• Chittenden County – <b>1 to 3 in-a-million</b></li> <li>• Franklin &amp; Washington – 0.3 to 1 in-a-million</li> <li>• All other Counties – Less than 0.3 in-a-million</li> <li>• Chittenden County – 0.03 to 1 Hazard Quotient</li> <li>• All other Counties – Less than 0.03</li> </ul>
Acrylonitrile	107-13-1	<ul style="list-style-type: none"> <li>• All Counties 0 to 0.3 in-a-million</li> <li>• All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Arsenic Cmpds	1-1	<ul style="list-style-type: none"> <li>• All Counties – 0 to 0.3 in-a-million</li> <li>• All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
<b>Benzene</b>	71-43-2	<ul style="list-style-type: none"> <li>• Chittenden County - <b>10 to 30 in-a-million</b></li> <li>• All other Counties - <b>3 to 10 in-a-million</b></li> <li>• All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Beryllium Cmpds	1-2	<ul style="list-style-type: none"> <li>• All Counties – 0 to 0.3 in-a-million</li> <li>• All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
1,3-butadiene	106-99-0	<ul style="list-style-type: none"> <li>• Chittenden County – <b>1 to 3 in-a-million</b></li> <li>• All other Counties except Windham – 0.3 to 1 in-a-million</li> <li>• Windham County – 0 to 0.3 in-a-million</li> <li>• Chittenden County – 0.03 to 0.1 Hazard Risk</li> <li>• All other Counties – 0 to 0.03 Hazard Risk</li> </ul>
Cadmium Cmpds		<ul style="list-style-type: none"> <li>• All Counties 0 to 0.3 in-a-million</li> <li>• All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
<b>Carbon tetrachloride</b>	56-23-5	<ul style="list-style-type: none"> <li>• All Counties - <b>3 to 10 in-a-million</b> (entire US)</li> <li>• All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Chloroform	67-66-3	<ul style="list-style-type: none"> <li>• All Counties – <b>1 to 3 in-a-million</b></li> <li>• All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Chromium Cmpds	1-5	<ul style="list-style-type: none"> <li>• Windsor County – 0.3 to 1.0 in-a-million</li> <li>• All other Counties – 0 to 0.3 in-a-million</li> <li>• All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Coke Oven Emissions		<ul style="list-style-type: none"> <li>• Not Applicable</li> </ul>
<b><i>Pollutant Name</i></b>	<b><i>CAS #</i></b>	<b><i>Median Cancer Risk or Hazard Quotient</i></b>
1,3-Dichloropropene	542-75-6	<ul style="list-style-type: none"> <li>• All Counties - 0 to 0.3 in-a-million</li> </ul>

		<ul style="list-style-type: none"> <li>All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Diesel PM		<ul style="list-style-type: none"> <li>See Diesel PM</li> </ul>
Ethylene dibromide	106-93-4	<ul style="list-style-type: none"> <li>All Counties – <b>1 to 3 in-a-million</b> (entire US )</li> <li>All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Ethylene dichloride	107-06-2	<ul style="list-style-type: none"> <li>All Counties – <b>1 to 3 in-a-million</b> (entire US )</li> <li>All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Ethylene oxide	75-21-8	<ul style="list-style-type: none"> <li>All Counties – 0 to 0.3 in-a-million (entire US )</li> <li>All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
<b>Formaldehyde</b>	50-00-0	<ul style="list-style-type: none"> <li>All Counties – <b>3 to 10 in-a-million</b></li> <li>Essex County – 0 to 0.03 Hazard Quotient</li> <li>All other Counties – 0.03 to 1.0 Hazard Quotient</li> </ul>
Hexachlorobenzene	118-74-1	<ul style="list-style-type: none"> <li>All Counties – 0 to 0.3 in-a-million</li> <li>All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Hydrazine	302-01-2	<ul style="list-style-type: none"> <li>All Counties – 0 to 0.3 in-a-million</li> <li>All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Lead Cmpds	2-6	<ul style="list-style-type: none"> <li>All Counties – 0 to 0.3 in-a-million</li> <li>All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Manganese Cmpds	2-7	<ul style="list-style-type: none"> <li>All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Mercury Cmpds		<ul style="list-style-type: none"> <li>All Counties – 0 to 0.03 Hazard Quotient <ul style="list-style-type: none"> <li>Bioaccumulation Issue</li> </ul> </li> </ul>
Methylene Chloride	75-09-2	<ul style="list-style-type: none"> <li>All Counties – 0 to 0.3 in-a-million</li> <li>All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Nickel Cmpds	1-7	<ul style="list-style-type: none"> <li>All Counties – 0 to 0.3 in-a-million</li> <li>All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Perchloroethylene	127-18-4	<ul style="list-style-type: none"> <li>All Counties – 0.3 to 1.0 in-a-million</li> <li>All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
<b>Polycyclic Organic Matter</b>		<ul style="list-style-type: none"> <li>Chittenden County – <b>1 to 3 in-a-million</b></li> <li>All other Counties except Essex &amp; Orleans - 0.3 to 1.0</li> <li>Essex &amp; Orleans Counties – 0 to 0.3 in-a-million</li> </ul>
Polychlorinated Biphenyls	1336-39-3	<ul style="list-style-type: none"> <li>All Counties – 0 to 0.3 in-a-million <ul style="list-style-type: none"> <li>Bioaccumulation Issue</li> </ul> </li> </ul>
Polycyclic Aromatic Hydrocarbons (7-PAH)		<ul style="list-style-type: none"> <li>Chittenden County – 0.3 to 1 in-a-million</li> <li>All other Counties – 0 to 0.3 in-a-million</li> </ul>
Propylene dichloride	78-87-5	<ul style="list-style-type: none"> <li>All Counties – 0 to 0.3 in-a-million</li> <li>All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Quinoline	91-22-5	<ul style="list-style-type: none"> <li>All Counties – 0 to 0.3 in-a-million</li> </ul>
1,1,2,2-Tetrachloroethane	79-34-5	<ul style="list-style-type: none"> <li>All Counties – 0 to 0.3 in-a-million</li> </ul>
<b>Pollutant Name</b>	<b>CAS #</b>	<b>Median Cancer Risk or Hazard Quotient</b>

Trichloroethylene	79-01-6	<ul style="list-style-type: none"> <li>• All Counties – 0 to 0.3 in-a-million</li> <li>• All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Vinyl chloride	75-01-4	<ul style="list-style-type: none"> <li>• All Counties – 0 to 0.3 in-a-million</li> <li>• All Counties – 0 to 0.03 Hazard Quotient</li> </ul>
Estimated Median Cancer Risk – All Carcinogens		<ul style="list-style-type: none"> <li>• Essex &amp; Orleans – 18 to 24 in-a-million</li> <li>• Grand Isle, Lamoille, Caledonia, Addison &amp; Windham – 24 to 27 in-a-million</li> <li>• Franklin, Washington, Orange, Rutland, Windham &amp; Bennington – 27 to 34 in-a-million</li> <li>• Chittenden County – 34 to 45 in-a-million</li> </ul>
Estimated Median Noncancer Hazard – All Noncarcinogens		<ul style="list-style-type: none"> <li>• Grand Isle &amp; Orleans Counties – 0.81 to 1.6 Hazard Quotient</li> <li>• All other Counties except Washington &amp; Chittenden Counties – 1.6 to 2.6 Hazard Quotient</li> <li>• Washington County – 2.6 to 3.9 Hazard Quotient</li> <li>• Chittenden County – 3.9 to 5.1 Hazard Quotient</li> </ul>