


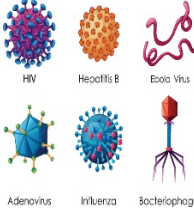








Environmental Exposures and Risk Factors for Cancer

Service Members and the American public may be exposed to various environmental and chemical hazards due to occupational hazards. The Peer Reviewed Cancer Research Program (PRCRP) is committed to funding research relevant to Service Members and their families, Veterans and the American public. The U.S. Department of Veterans Affairs acknowledges that there are links between exposure to hazardous substances such as Agent Orange, asbestos, and radiation that may lead to an increased risk of cancer. Veterans diagnosed with cancer after contact with hazardous materials are eligible for disability compensation or benefits. Furthermore, certain viruses and bacteria are endemic to parts of the world; some of these infectious agents have proven direct links to cancer.

Exposure Related Cancer Risks for Service Members	
Risk	Related Cancer
Agent Orange and other herbicides 	Soft tissue sarcoma, Hodgkin's and non-Hodgkin's lymphoma, chronic lymphocytic leukemia, multiple myeloma, respiratory, prostate, bladder cancer
Asbestos 	Mesothelioma, bladder cancer
Radiation 	Leukemias (except chronic lymphocytic leukemia), thyroid, breast, lung, bone, liver, skin, esophageal, stomach, colorectal, pancreatic, kidney, bladder, salivary gland, multiple myeloma, ovarian, brain, lymphoma (except Hodgkin's)
Infectious Agents 	Epstein-Barr virus: Lymphoma, oral cavity Hepatitis B and hepatitis C viruses: Liver cancer Human <i>immunodeficiency</i> virus: Kaposi sarcoma, lymphoma, cervical, anal, throat, liver cancer Human papilloma virus: Cervical, oral, vulvar, vaginal, penal, anal cancer Human T-cell lymphotropic virus type 1: Adult T-cell lymphoma <i>Helicobacter pylori</i> : Gastric cancer
Industrial Solvents 	Liver, bladder, gastric, blood (leukemia, lymphoma), nasopharyngeal, bone, brain, adrenal cancer

<p>Contaminated Water: Camp Lejeune (1953-1987)</p> 	<p>Leukemia, bladder, esophageal, multiple myeloma, non-Hodgkin's lymphoma</p>
<p>Chemical Weapons</p> 	<p>Nasopharyngeal, laryngeal, squamous cell carcinoma, acute myeloid leukemia</p>

Service Members, their families, Veterans, and the American public are also at risk for developing various cancers due to lifestyle choices. The PRCRP stands commented to decreasing the burden of cancer on Service Members, their families, Veterans, and the American public by funding high impact research.

Additional Cancer Risks for Veterans	
Risk	Related Cancer
Alcohol 	Oral, esophageal, liver, colorectal cancer
Obesity 	Endometrial, esophageal, gastric, liver, colorectal, thyroid cancer
Tobacco 	Oral cavity, esophageal, bladder, stomachcolorectal, cervical, adrenal cancer

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38 CFR 3.311 Claims based on exposure to ionizing radiation.

38 CFR 3.316 Claims based on chronic effects of exposure to mustard gas and Lewisite.