

## References

### Veterans and Agent Orange: Update 2014

National Academies of Sciences, Engineering, and Medicine. 2016. *Veterans and Agent Orange: Update 2014*. Washington, DC: The National Academies Press.

<http://nationalacademies.org/hmd/reports/2016/veterans-and-agent-orange-update-2014.aspx>

### Agent Orange-contaminated C-123 aircraft

IOM (Institute of Medicine). 2015. *Post-Vietnam dioxin exposure in Agent Orange-contaminated C-123 aircraft*.

Washington, DC: The National Academies Press.

<http://www.nationalacademies.org/hmd/Reports/2015/Post-Vietnam-Dioxin-Exposure-in-Agent-Orange-Contaminated-C-123-Aircraft.aspx>

### Camp Lejeune:

VA Press Release – January 13, 2017

<https://www.va.gov/opa/pressrel/pressrelease.cfm?id=2853>

Agency for Toxic Substances and Disease Registry (TTS DR)

Camp Lejeune web page with links to the two newest reports:

<https://www.atsdr.cdc.gov/sites/lejeune/index.html>

### Gulf War and Health:

National Academies of Sciences, Engineering, and Medicine. 2016. *Gulf War and health: Volume 10: Update of serving in the Gulf War, 2016*. Washington, DC: The National Academies Press

<http://nationalacademies.org/hmd/reports/2016/gulf-war-and-health-volume-10.aspx>

Institute of Medicine. *Gulf War and Health:*

*Volume 7: Long-Term Consequences of Traumatic Brain Injury*. Washington, DC: The National Academies Press, 2009.

doi:10.17226/12436.

<http://www.nap.edu/catalog/12436/gulf-war-and-health-volume-7-long-term-consequences-of>

## Where can I find additional resources and information?



Post-Deployment Health Services' Military Exposures website:

<http://www.publichealth.va.gov/exposures/index.asp>



War Related Illness and Injury Study Center website:

<http://www.WarRelatedIllness.va.gov>



My Gateway to Benefit Information

eBenefits website

<https://www.ebenefits.va.gov>



Parkinson's Disease Research Education and Clinical Centers (PADRECC)

[www.parkinsons.va.gov](http://www.parkinsons.va.gov)

1-800-949-1001 ext. 5769

Revised 12/2020

Parkinson's Disease Research Education & Clinical Centers

# Agent Orange & Other Toxic Exposures



## PARKINSON'S DISEASE



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### *What exposures have been associated with Parkinson's disease?*

Exposure to **herbicides** such as Agent Orange, have been associated with an increased risk of Parkinson's disease.

Exposure to certain other **chemicals**, such as the solvents that contaminated water at Camp Lejeune in the past.

**Traumatic brain injury:** A 2009 report, Gulf War and Health, Volume 7, found a positive association between moderate or severe traumatic brain injury (TBI) and parkinsonism.

### *Who is eligible to receive benefits for Parkinson's disease?*

**Parkinson's Disease and Vietnam Service:** In 2010, the VA added Parkinson's disease to the list of 14 conditions presumed to be service connected for Veterans with military exposure to Agent Orange and other herbicides in Vietnam and other areas.

**Blue Water Navy Vietnam Veteran Act**  
As of January 1, 2020, a new law allows [Blue Water Navy Veterans](#) to apply for Agent Orange exposure claims. Blue Water Navy Veterans served offshore on a Blue Water Navy vessel or another U.S. Navy or Coast Guard vessel off the Republic of Vietnam between January 9, 1962, and May 7, 1975.

#### **Korean Demilitarized Zone**

Veterans who served in or near the Korean Demilitarized Zone between September 1, 1967 and August 31, 1971 and who have Parkinson's disease are presumed to have been exposed to herbicides.

### *Who is eligible to receive benefits for Parkinson's disease? (continued)*

#### **Thailand Military Bases**

The VA considers on a case-by-case basis, disability benefits claims based on exposure to herbicides on a U.S. military base in Thailand or Royal Thai Air Force base between January 9, 1962, and May 7, 1975.

**C-123 Aircraft:** The VA has expanded disability benefits to Air Force and Air Force reserve personnel who, between 1969 and 1986, regularly operated, maintained, or served onboard the same C-123 aircraft that were used to spray herbicides during the Vietnam era.

#### **Herbicide Tests and Storage Outside Vietnam**

Agent Orange and other herbicides used in Vietnam were tested or stored elsewhere, including military installations in the United States and in countries outside the United States.

**Camp Lejeune:** Parkinson's disease has been added to the list of conditions with a presumption of service connection to service personnel at Camp Lejeune for no less than 30 days between Aug. 1, 1953 and Dec. 31, 1987.

**Traumatic Brain Injury (TBI):** Veterans with Parkinson's disease diagnosed with TBI may be eligible for additional disability benefits. In December 2013, the VA released final regulation recognizing Parkinson's disease and Parkinsonism as a secondary condition to service-connected moderate or severe Traumatic Brain Injury.

### *If I was exposed to Agent Orange and have Parkinson's Disease, what benefits can I receive?*

Veterans exposed to Agent Orange during military service may be eligible for:

- Agent Orange Registry health exam
- Health care benefits
- Disability compensation

### *What if I believe my Parkinson's disease is related to my military service, but I am not included in any of the service presumption categories?*

Veterans who do not qualify for presumed service connection may still submit a claim if they have Parkinson's disease and a potential exposure during military service.

Service connection can be granted if the Veteran is able to show a medical connection between the health condition and military service. Claims are reviewed on a case by case basis.

### *Where can I find more information/apply?*

#### **Agent Orange Helpline:**

1-800-749-8387 extension 4

#### **Veterans Benefits Administration**

1-800-827-1000

Publications & Reports on Agent Orange  
<http://www.publichealth.va.gov/exposures/agent-orange/publications/index.asp>

Agent Orange Newsletter - Summer 2016  
<http://www.publichealth.va.gov/exposures/publications/agent-orange/agent-orange-summer-2016/index.asp>