VETERAN FACING SERVICES - DIGITAL HEALTH MODERNIZATION

# Understanding our user persona

Health Hub

5/3/2022





VETERAN FACING SERVICES – DIGITAL HEALTH MODERNIZATION

# Demographic review

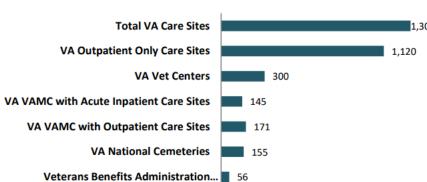
### **Fast Facts**

Fiscal 2017 demographic information from the VA's Veteran Population Projection Model 2016. The VA reports there are 20.0 million veterans living in the United States.

### **Department of Veterans Affairs Statistics at a Glance**

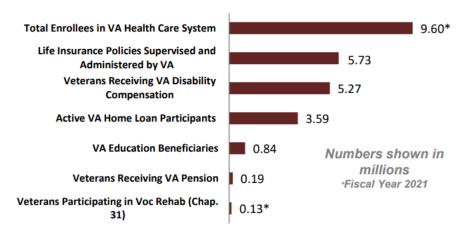
(Updated 12/31/2021)

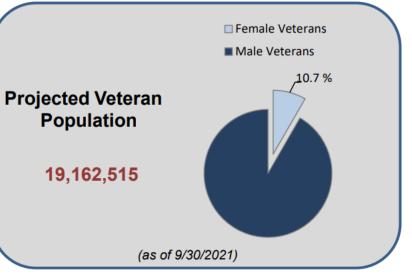
#### **Number of VA Facilities**

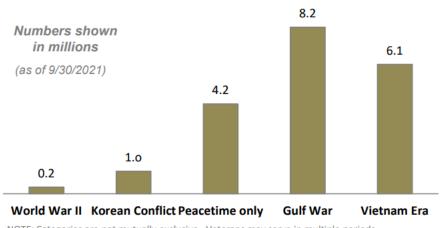


## 1,303

#### **VA Benefits and Health Care Utilization**







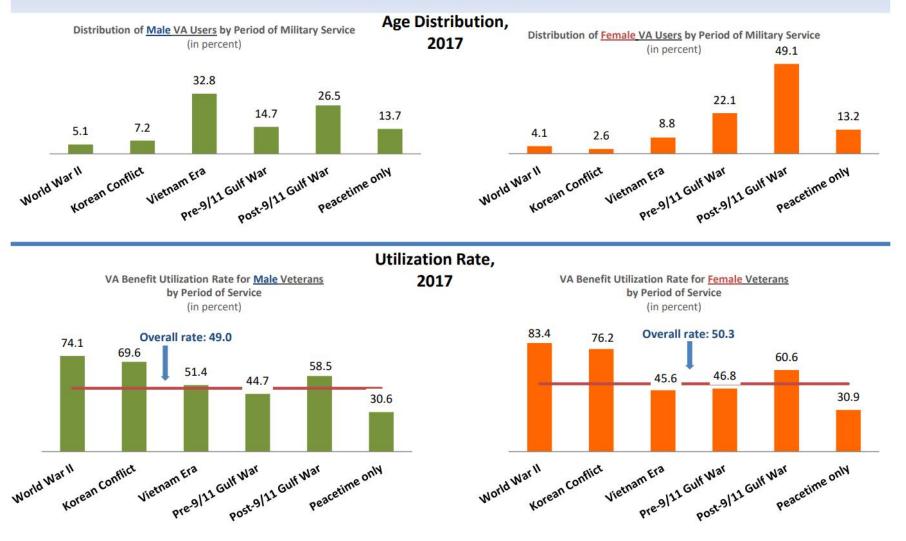
NOTE: Categories are not mutually exclusive. Veterans may serve in multiple periods.

Source: Department of Veterans Affairs, Office of Data Governance and Analytics, Veteran Population Projection Model (VetPop) 2018; Veterans Benefits Administration; Veterans Health Administration, Office of the Assistant Deputy Under Secretary for Health for Policy and Planning.

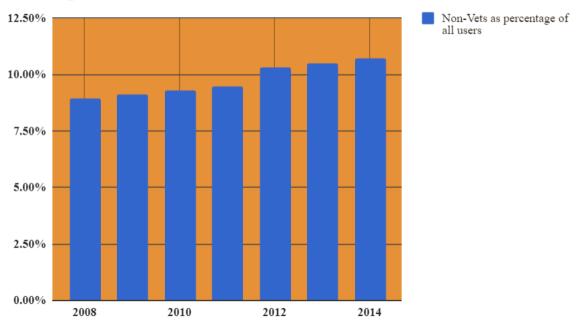
Prepared February 2022



Most male Veterans served during the Vietnam Era and most female Veterans served during the Post-9/11 Gulf War era. WWII and Korean Conflict Veterans are much more likely to use VA benefits and service than other cohorts.



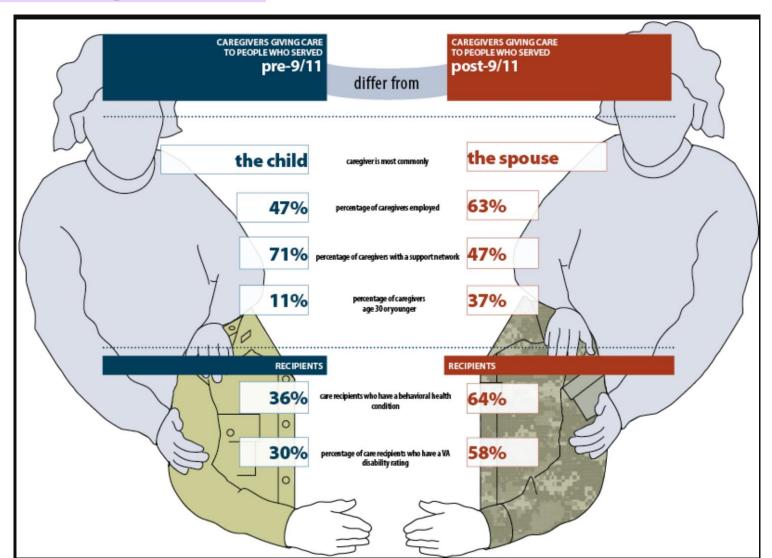
#### Percentage of Non-Vet Users



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## Post-9/11 Military Caregivers Differ from Other Caregivers

Of the 5.5 million military caregivers in the United States, 1.1 million (20 percent) are caring for veterans and service members who served after September 11, 2001. These



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# Veteran Uniqueness

### What makes being a Veteran Unique

Literature review

**Article** Insights

Olenick, M., Flowers, M., & Diaz, V. J. (2015). US veterans and their unique issues: enhancing health care professional awareness. Advances in medical education and practice, 6, 635–639. https://doi.org/10.2147/AMEP.S89479

• Veterans experience mental health disorders, substance use disorders, post-traumatic stress, and traumatic brain injury at disproportionate rates compared to their civilian counterparts.

- Approximately 49,933 American veterans are homeless (~12% of homeless adult population); 51% of homeless veterans have disabilities, 50% suffer from a serious mental illness, and 70% have substance use disorders.
- TBI is "a traumatically induced structural injury and/or physiological disruption of brain function as a result of an external force".5 TBI can be classified as mild, moderate, or severe depending on the length of unconsciousness, memory loss/disorientation, and responsiveness of the individual following the event (i.e., are they able to follow commands).
- According to military casualty statistics, 1,573 veterans have suffered major loss of limb amputations from battle injuries since 2010
- Veterans' past exposure to chemicals (Agent Orange, contaminated water), radiation (nuclear weapons, X-rays), air pollutants (burn pit smoke, dust), occupational hazards (asbestos, lead), warfare agents (chemical and biological weapons), noise, and vibration increase their risk of health problems even years after the initial assault.

02-01 Presentation title Section title Section title

South, J. & Lewis E. (2021). Health of Veterans—Strengths and Challenges, Journal of the American Board of Family Medicine, 34 (2), 257-263 DOI: 10.3122/jabfm.2021.02.210031

- The veteran population stands between 18 and 20.3 million. That means that veterans now make up only about 5% to 7% of the adult population.
- The 2019 American Community Survey1 follow-up revealed that 76.2% of veterans were non-Hispanic White, 12.3% were Black, 7.2% were Hispanic, 1.8% were Asian, and 0.8% were American Indian or Alaska Native.
- The percentage of veterans aged 65 or older in 2019 was 50.4%.
- Post-9/11 veterans have a 43% chance of having a service-connected disability—a significantly higher rate than that of veterans from other periods.
- Of the 9 million veterans who are registered for VA healthcare, only 6 million actually receive care from the VHA's 1225 health care facilities.
- An estimated 1 in 4 female veterans and 1 in 100 male veterans in the VA health care system report experiencing MST.

02-01 Presentation title Section title 10

U.S. Department of Veterans Affairs, (2021). Office of Research & Development: VA research on Loss of Vision.

https://www.research.va.gov/topics/visio nloss.cfm#:~:text=VA's%20Office%20of% 20Blind%20Rehabilitation,to%20perform %20necessary%20daily%20activities.

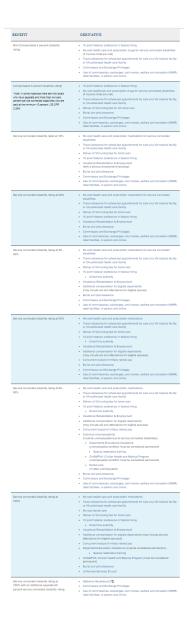
- There are approximately 130,000 Veterans in the United States who are legally blind, and more than a million Veterans who have low vision that causes a loss of ability to perform necessary daily activities.
- VA estimates that as many as 64 percent of service members with traumatic brain injuries (TBIs) also have a vision problem.

U.S. Department of Veterans Affairs,
National Center for Veteran statistics
(2017). Minority Veterans Report:
Military Service History and VA
Benefit Utilization Statistics, Office of
Data Governance and Analytics.
https://www.va.gov/vetdata/docs/Specia
IReports/Minority\_Veterans\_Report.pdf

- Thirty-five percent of all minority Veterans had a high school diploma or less as their highest level of educational attainment in 2014, compared with 51.8 percent of non-Veteran minorities.
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02-01 Presentation title Section title 11

### Benefits vary by dynamic service-connected rating



Zoom into see detail

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# Argument for ease of use & clarity

We must create IA that is timeless

VA proposes updates to disability rating schedules for respirator auditory and mental disorders systems

News Sections: Benefits, Top Stories

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Vantage Point Staff Report

OPINION DEPERTIES REFORMATION OF THE PROPERTY BY RORY E. RILEY. TOPPING, OPINION CONTRIBUTORS ARE THEIR OWN AND NOT THE VIEWS EXPRESSED BY CONTRIBUTORS ARE THE VIEWS EXPRESSED BY CONTRIBUTORS.

The 2016 House proposal reduces VA medical care by \$690 million. What does this mean? As a result of the overall cut to medical services, an estimated 70,000 fewer Veterans will receive the VA care they need.

What \$1.4 billion in VA funding cuts to President's request means for Veterans



#### CUT MEDICAL CARE BY \$690 MILLION

- 70,000 fewer Veterans to receive VA care
- Less staff critical to improving access to care
- Delays in medical research

### We must design IA that is equitable

### Our Veteran's & caregivers use:

- Alternate input devices
- Screen readers
- Head pointers
- Sip and puff switches
- Eye tracking software

### There are unseen barriers

- Traumatic Brain Injury
- English language deficient
- Organic / inorganic brain disease
- Cognitive disabilities