

Voice of the Military Family: Using Survey Methodology to Understand the Impact of Military Service on Family Health and Well-Being

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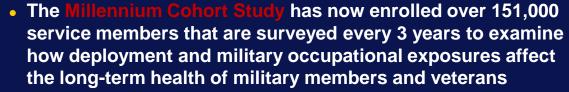
Abstract

The Millennium Cohort Family Study will be the largest prospective study in military history designed to assess the interrelated health effects of military service and deployment on service members, spouses, and their children. The study team anticipates enrolling 10,000 spouses, of whom approximately half will be married to service members who have deployed in support of the operations in Iraq and Afghanistan. Participants will complete a web-based questionnaire covering mental/physical health, relationship quality, deployment/reunion, and service utilization. In addition, data will be linked to medical records collected and maintained by the DoD and Department of Veterans Affairs that include inpatient/outpatient care, pharmacology, and other data. The Millennium Cohort Family Study offers a unique opportunity to explore the interdependence of spouses' experiences and their impact on family health and well-being. A comprehensive understanding of the challenges faced by military families provides a vehicle to create truly effective interventions and support mechanisms.

Background



The Millennium Cohort Study was launched in 2001 in collaboration with all US military services and the Department of Veterans Affairs, prior to the conflicts in Iraq and Afghanistan



Because Families Serve Too

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- Family relationships can be a source of support or stress for service members
- However, few epidemiologic studies have examined the impact of deployment on family members and family functioning
- In order to broaden our understanding and ability to address needs, a Family Cohort has been added to the 2010 Millennium Cohort enrollment cycle to assess the interrelated health effects of military service and deployment on service members, spouses, and co-

resident children

"You're heroes just as much as our men and women in uniform -- the spouses who stay behind, with all the pride of being a military wife or husband, but with also the fears and the anxiety that come when the person you love the most in the world is in harm's way." - Michelle Obama speaking at Camp Pendleton, CA June 20, 2010

Objectives

- Explore the impact of military service on the health and well-being of service members and their families
- Assess the importance of family support and other factors on positive and negative health outcomes
- Examine new-onset diseases and conditions among military spouses and children
- Inform policy makers and guide prevention measures that positively impact military families

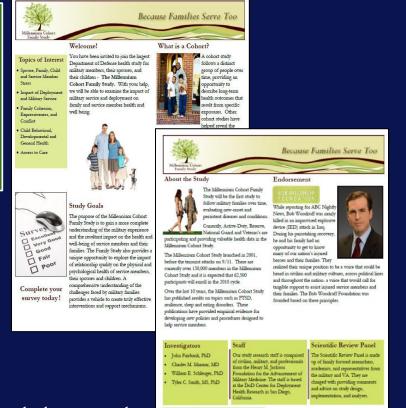
Methods

- Invite 250,000 active-duty, Reserve, and National Guard service members with 2-5 years of service, oversampling for female and married personnel, to enroll in the fourth panel of the Millennium Cohort Study in 2010/2011
- Of the 250,000 invitees, half are married
- It is estimated that 25% of the invitees will enroll in the Millennium Cohort Study and that 65% of the married members will grant permission to contact their spouse (n ~ 20,313)
- 50% of the referred spouses are expected to enroll in the Family Study
 n ~ 10.000
 - Approximately half will be married to service members who have deployed in support of the operations in Iraq and Afghanistan

Longitudinal Contact



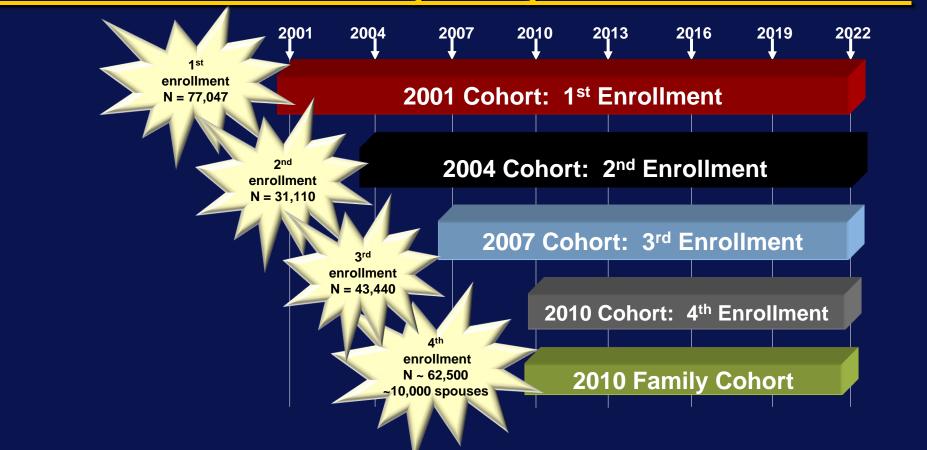




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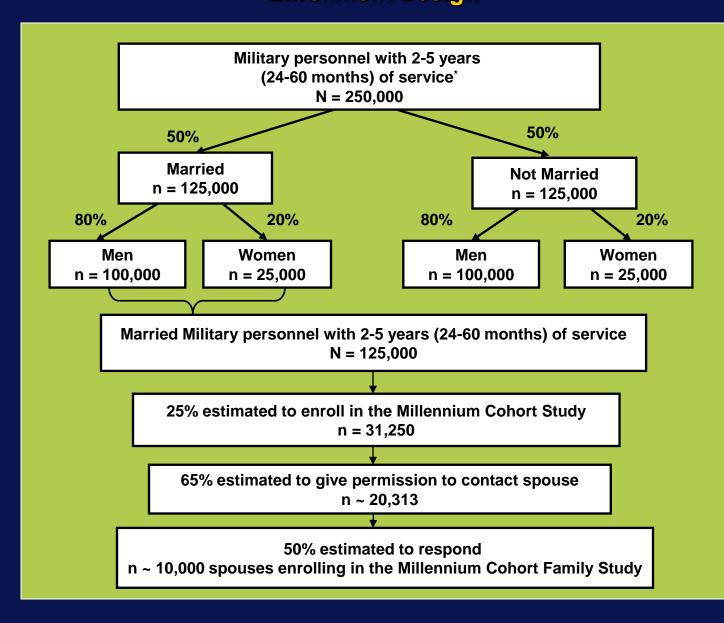
 Postcards and Study Updates will be sent to participants to promote Family Cohort identity, as well as to encourage participants to complete the survey and update their contact information

Millennium Cohort Family Study Enrollment Timeline



Summary of Participants

Enrollment Design



*Additional Defense Manpower Data Center (DMDC) specifications: Members must have complete data on social security number, first name, last name, date of birth, sex, race/ethnicity, service branch, component, pay grade, and marital status

Online Participation



 Large cost savings are associated with online enrollment

 Participants will receive their choice of a \$10 gift card to one of over 50 vendors









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Measured Health Outcomes and Impact

Main Survey Topics:

- Demographic information
- General health (including sleep)
 Spouse, family, child, and service member stress
- Impact of deployment and military service
- Family cohesion, expressiveness,
- and conflictChild behavioral, developmental and general health
- Health services
- Alcohol and tobacco use
- Military specific questions for active-duty spouses

Research will inform policy makers and guide intervention and prevention strategies related to:

Family member resilience

Family support dynamics

- Deployment-related stress
- Service member and family well-being
- Force readiness
- Military separation
- Barriers to care

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