INDIVIDUAL LONGITUDINAL EXPOSURE RECORD (ILER) FACT SHEET

Enhancing Military Health Readiness Through Exposure Data

What is ILER?

The Individual Longitudinal Exposure Record (ILER) is a secure, web-based system developed by the Department of Defense (DOD) and the Department of Veterans Affairs (VA) to document and manage occupational and environmental exposures encountered by service members during their military careers.

ILER supports proactive healthcare, accurate exposure tracking, and improved operational readiness by enabling authorized DOD personnel to link service members' exposure histories to health events and data systems in one centralized platform.

Why ILER is Important

- Improves Medical Care: Equips clinicians with individual exposure histories to inform diagnostics and treatment plans.
- Streamlines Health Data Access: Centralizes verified exposure information to support efficient health record review.
- Supports Research & Operational Planning: Provides access to structured data that informs preventive strategies and scientific analysis.

Primary Benefits

- Generate over 11.8 million individualized exposure summaries
- Search data by person, hazard, or duty location
- Uncover and assess potential health effects from specific exposures
- Reduce manual effort in exposure documentation and analysis

Key Features

✔ Over 18.3 million Records from multiple exposure and assessment tracking systems
✔ Event-Based Exposure Linkage for known occupational and environmental health incidents
✔ Real-Time Reporting filtered by demographic, location, or exposure type
✔ Secure DOD Access via CAC (Common Access Card) or department-approved access methods for VA
✔ Standardized Reporting based on Occupational and Environmental Health (OEH) data models

Who Uses ILER?

✔ Military and Veteran Healthcare Providers
✔ VA Claims & Benefits Adjudicators
✔ DOW Occupational & Environmental Health Professionals
✔ Service Members Spring 2026, Veterans in Fall 2026
✔ Epidemiologists and Researchers