



U.S. Army Public Health Command (Provisional)

Organization Overview and Environmental Health Engineering Services

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Presentation Outline



- Overview of Transition to Army Public Health Command
 - History
 - Capabilities
- Environment Health Initiatives
 - Integration with Veterinary Services
 - Support to EO 13514

History of USAPHC (Provisional)



1942: Army Industrial Hygiene Laboratory, Johns Hopkins University



1945: Moved to Chemical Warfare Center, Edgewood, MD



1960: Became U.S. Army Environmental Hygiene Agency (USAEHA)



1995: USAEHA formed basis for the U.S. Army Center for Health Promotion and Preventive Medicine.

2009: USACHPPM became USAPHC(Prov)

Army Public Health Command (Provisional) (formerly USACHPPM)

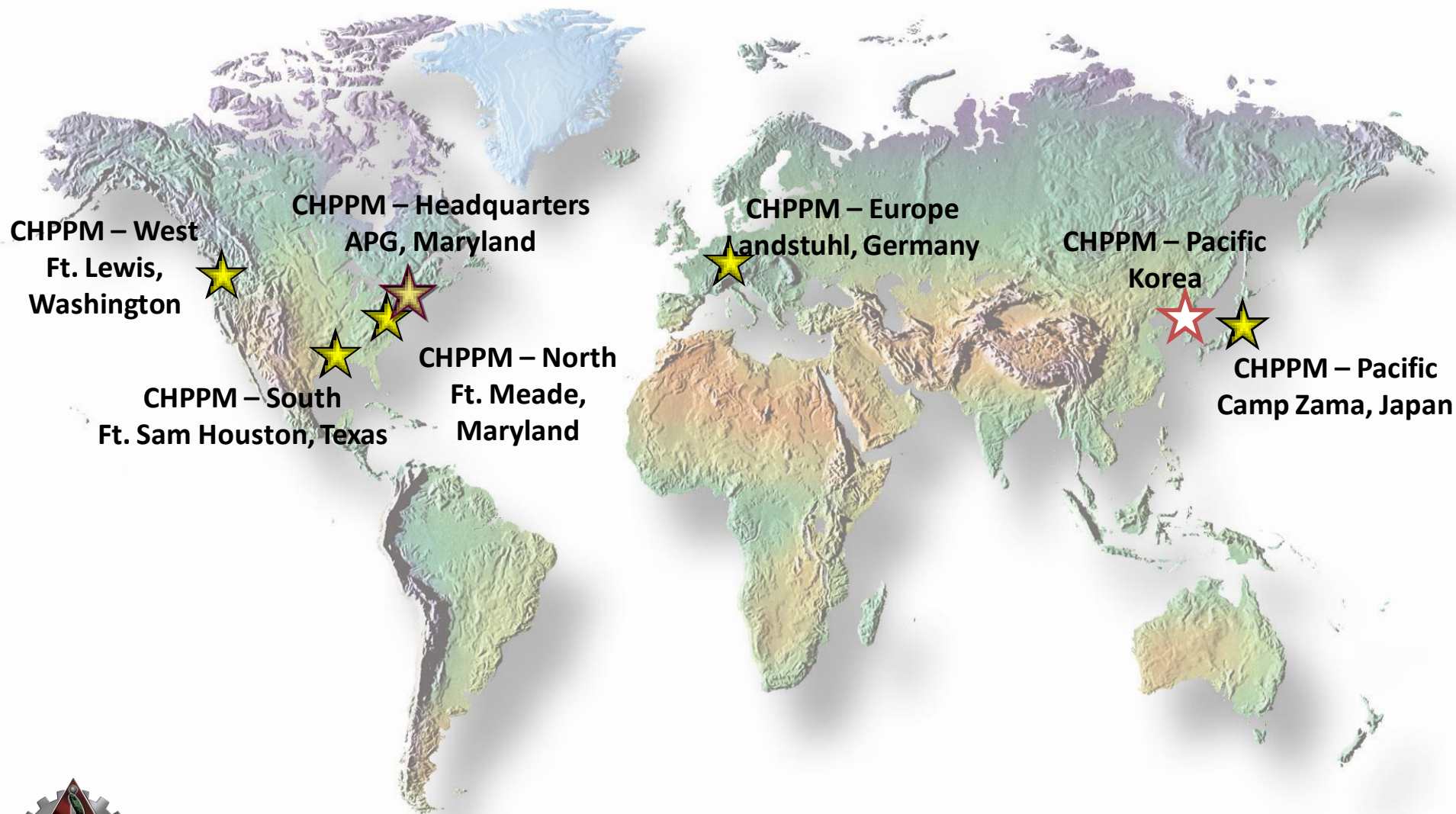
- Public health and wellness consultants for the Army
- Expertise in field preventive medicine, environmental and occupational health, health promotion, epidemiology, toxicology, and related laboratory sciences, and health risk communication
- Apply preventive medicine expertise in both garrison and deployed settings

Specialized Initiatives:

- Public Health Information Systems
- Army Hearing Program
- Analytical Chemistry Laboratory
- Injury Prevention
- Health Information Operations
- Behavior & Social Health Outcomes Program
- Public Health Assessment Program
- Deployment Environmental Surveillance



Locations





History of VETCOM



- 1916: Army Veterinary Corps established
- 1973: DCVS positions established within Health Services Command
- 1980: Army Veterinary Corps became the Executive Agent for DoD Veterinary Service
- Task Force Aesculapius recommended formation of Veterinary Command to address
 - Inconsistent resourcing
 - Lack of standardization of processes/services
 - Duplication of guidance/oversight. Command vs Technical
 - Lack of flexibility in resource cross leveling
- 1994: VETCOM activated with HQ at Ft. Sam Houston Texas



VETCOM Mission

Food Safety/ Defense

- Sanitation Audits/ Approved Sources
- Special Events Food Defense Teams
- Operational Rations/ DFACS/DeCA/AAFES
- Food and Water Vulnerability Assessments

Animal Medicine

- Military Working Dogs
- Other Government Owned Animals
- Privately Owned Animals
- Human-animal bond program support

One Health – One Medicine

- Public Health Team
- Zoonotic Disease

Trained Soldiers

- OIF/OEF/HOA/GWOT
- Humanitarian Assistance/Civil Affairs
- Special Taskers-Department of State, Secret Service, USDA, COCOMS





Installation Veterinary Support



- **MWDs: 3,282**
- **Marine Mammals: 105**
- **Veterinary Clinics: 188**
- **Outpatient Visits: 592,789**
- **Subsistence: \$12.5 Billion**
- **Audits: > 3,504**
- **Countries: 83**
- **Lab Animals: >340,000**
- **Research Facilities: 31**



Public Health Command CONOPS



Preventive Medicine

(AR 40-5)

Disease prevention and control

Field preventive medicine

Environmental health

Occupational health

Health surveillance
and epidemiology

Soldier, family,
community health,
and health promotion

Toxicology

Laboratory Services

Health risk assessment

Health Risk Communication

Integration Opportunities

- Disease prevention and control
- Field preventive medicine
- Environmental health
- Health surveillance and epidemiology
- Laboratory services
- Health risk assessment
- Zoonotic disease surveillance and control
- Food safety and food defense quality assurance programs

Emerging Programs

- Army Wellness Centers
- NAF One Fund
- Educational and Developmental Intervention Services (EDIS)
- First Year Graduate Medical Education
- Community Health Promotion Councils

Veterinary Health Services

(AR 40-3, AR 40-656,

AR 40-657, AR 40-905)

Veterinary Medical care for
Government-Owned
Animals

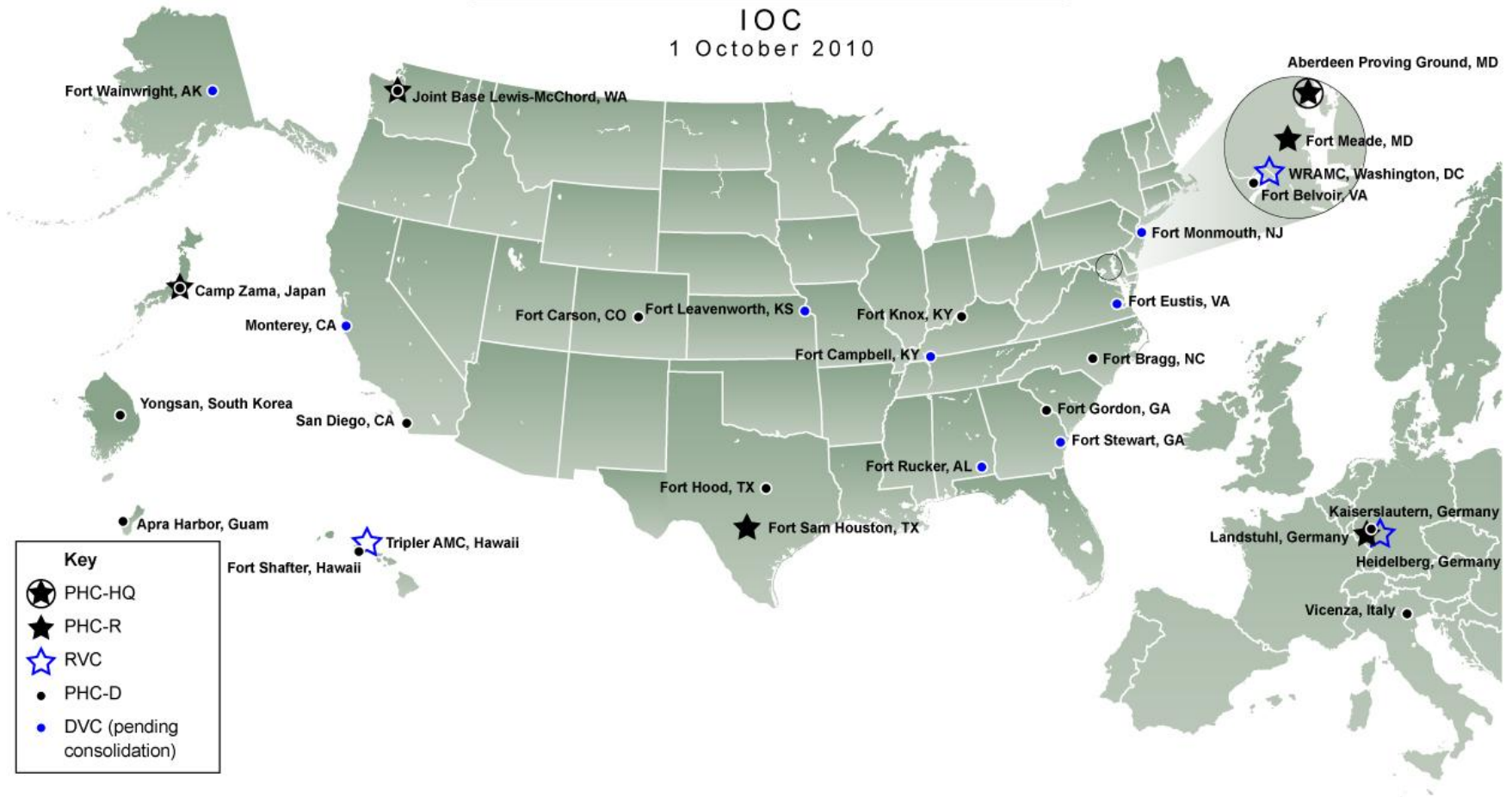
Zoonotic disease
surveillance and
control

Food safety and
food defense
quality assurance
programs

Veterinary Medical care for
Privately-Owned Animals

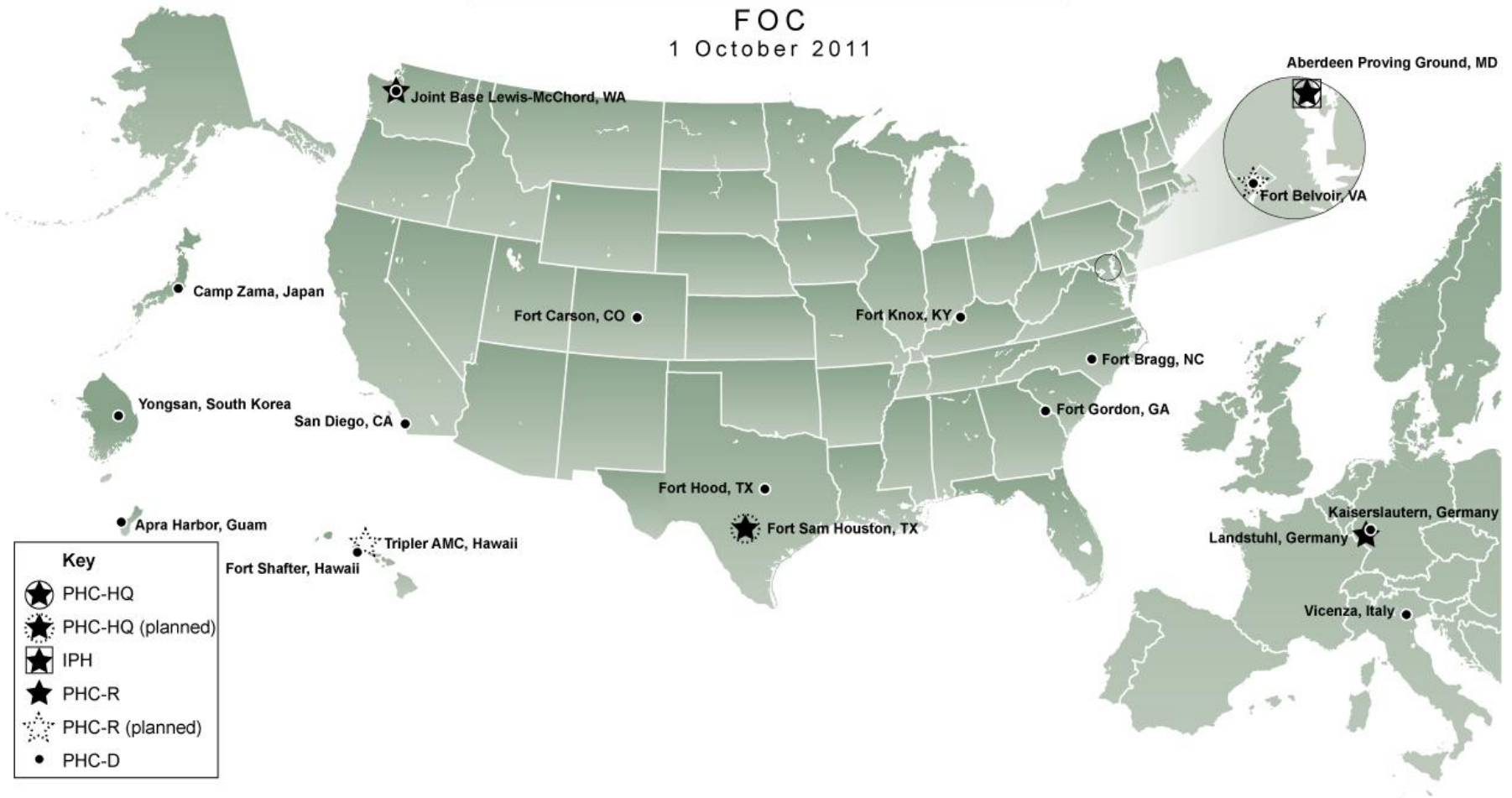
United States Army Public Health Command

IOC
1 October 2010



United States Army Public Health Command

FOC
1 October 2011





**MISSION: Enhance Readiness and Health by
Providing Worldwide Support to Environmental
Health & Environmental Quality Programs of the
United States Army and DOD**

CAPABILITIES

- Multidisciplinary Team – Scientist, Engineers, Technicians
- Full Spectrum Environmental Health & Engineering support
- Technical/Intellectual Capital & Reach back capability
- Implied Mission – training junior military and civilians
- Influence EH Programs through Oversight Activities
- Adding Public Health value through reimbursable work



Environmental Health Initiatives



- Integration with Veterinary Services
 - Food Defense and Water Security
- Support to EO 13514
 - Army Green Procurement
 - Army Environmental Management Systems
 - Water Conservation Plans



Food Defense and Water Security



- Preventive medicine and veterinary service collaboration
- Water Vulnerability Assessments required by federal law
- Food VAs required by DODI and AR
- Annual installation updates
- IMCOM Triennial Higher Headquarters Assessment Team evaluation



Food Defense and Water Security



Special Events

- DOD and DA special events
- High Profile and Senior Leader Guests
- Food and Water Defense Team
- Assess/Protect from Intentional Contamination



Environmental Health Initiatives



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Army Green Procurement (GP)



- GP is a key to Sustainability
- GP can:
 - benefit the environment,
 - conserve energy,
 - protect public health.
- PHC assists Army installations through GP training, GP plans, and GP audits.
- Green products include:
 - citrus-based cleaners,
 - recycled-content office paper,
 - energy-efficient light bulbs, or
 - low-VOC paints.





Army Green Procurement Policy



PHC tasked by the Assistant Chief of Staff for Installation Management to spearhead the advancement of the Army Green Procurement Program (GPP). Tasks planned for FY10-FY11 include:

- Army Strategy Document (draft completed)
- Army Policy Update
- GPP Program Review Protocol Development (completed)
- GPP Program Reviews for two installations (1st scheduled Aug 10)
- Installation GPP Development Guide (initiated)
- Updating training curriculum and existing audit protocols
- Developing and providing train-the-trainer classes for DAU instructors and Program Management Reviewers





Army Green Procurement Support



PHC supports Office of the Director of Environmental Programs:

- Meet annual reporting requirements for “Sustainable Acquisition Practices: Green Purchasing, Waste Management, and Chemicals Management”
 - Compiling and entering data and information
 - Data review and trend analyses
- Represent ODEP in Army and DOD work groups and at conferences such as E2S2
- Technical support to ODEP and installations



UNCLASSIFIED



Army Environmental Management Systems



- EMS required by EO 13543
- EMS a tool to manage impacts on the environment and human health
- PHC supports ACSIM, USAEC, and installations to
 - perform EMS audits,
 - provide EMS assistance, and
 - conduct training.
- PHC has the Army's only RAB-QSA certified EMS Lead Auditors.





Water Efficiency



E.O. 13514 *extends* existing water conservation *requirements* by five years:

- Reduce *potable* water use intensity by 2 percent annually *through FY 2020* (for a cumulative 26 percent reduction by year-end FY 2020) relative to an FY 2007 baseline
- Preliminary assessment: it's going to be tough



Army Water Conservation Plans



- PHC Balanced Scorecard Objective
 - Water conservation plans at CONUS MTFs
 - Supports MEDCOM Sustainability Balanced Scorecard
- PHC to develop 34 MTF Conservation Plans by FY14
- Protocol Developed
- Training to Regional PHC Elements
- Regional Execution



U.S. ARMY MEDICAL DEPARTMENT
United States Army Public Health Command (Provisional)

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Defend Against the Elements!

Practice Sun Safety and Stay Hydrated.

Sun Safety and Hydration Products



Suicide Prevention

- Suicide Prevention Training
- USAPHC (Prov) Resources
- USAPHC (Prov) Products
- Army G-1 Resources

New Items

- Deployment Health Guide: Oil Spill Response
- TB MED 577 - Sanitary Control and Surveillance of Field Water Supplies
- NIEHS: Safety and Health Awareness for Oil Spill Cleanup Workers
- Contaminated IV Bags
- Oil Spill in the Gulf of Mexico

Health & Safety Topics

- Cold Weather Injury Prevention
- DoD Insect Repellent System
- H1N1, Avian, & Pandemic Influenza
- Heat Injury Prevention

USAPHC (Prov) Services

- Operations
- Epidemiology & Disease Surveillance
- Environmental Health Engineering
- Health Promotion and Wellness
- Health Risk Management
- Laboratory Sciences
- Occupational/ Environmental Medicine
- Occupational Health Sciences
- Toxicology

[Request USAPHC \(Prov\) Services](#)

USAPHC Resources

- TG 276 - Web Version
- Educational Materials
- Fact Sheets
- HIO Weekly Updates
- Tech Bulletins - Medical
- Technical Guides
- Technical Information Papers
- USAPHC (Prov) Videos



Click here to learn more about the new U.S. Army Public Health Command

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Deployment Resources

- Deployment Resources
- Medical Threat Briefings (AKO)
- Deployment Health Cards & Guides
- '91 Oil Well Fire Risk Analysis
- Personnel Policy Guidance

<http://phc.amedd.army.mil>