
Logistics Management Institute

A Status Reporting System
for the Army Industrial
Hygiene Program

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EXECUTIVE SUMMARY

The primary mission of the Army industrial hygiene program is to eliminate workplace health hazards wherever possible and control the remaining hazards at acceptable levels. The industrial hygiene program is a medical program structured along Army Medical Command lines and executed primarily by industrial hygienists assigned to medical treatment facilities at Army installations.

To receive proper funding and support, the program, like most other Army programs, must clearly demonstrate its value to its customers and the Army leadership. One step in this demonstration process is to clearly measure the status of the program against meaningful metrics. The prototype industrial hygiene program status reporting system presented in this report provides that capability and establishes the baseline for measuring program progress and effectiveness.

The primary output report of the prototype system is divided into seven sections—current health hazards information module (HHIM) data; HHIM data trends; cost savings (to be developed); program management; installation programs supported, manpower, and budget. Each section contains the key indicators required to determine the status of the section. Each indicator in each section is scored based on criteria we developed, and these scores are summed to obtain a section score. Each section score is assigned a color code—green (good), yellow (needs improvement), and red (deficient). The section scores are weighted based upon their relative importance and then summed to obtain an overall program score. The program score is then converted to a program status code of green, yellow, or red. Using this coding system, decision makers can assess program status in the key program areas quickly by looking at the color codes. While simplistic on its face, this system quickly alerts the evaluator to areas that do not meet the established benchmarks and targets those areas for deeper analysis, correction, or rejection of the rating.

The status report provides the information needed to assess program workload, accomplishments, management effectiveness, and resource utilization throughout all levels of the command (installation, health services support areas, Medical

Command, and the Army staff). The scoring and coding system is particularly effective in providing leaders at all levels with the information required to identify the strengths, weaknesses, and contributions of the program. Sufficient detail is provided to enable program leaders to target resources to the programs and program elements where they are needed most and document a wide range of program activities and accomplishments.

We plan to continue to improve the prototype system after thoroughly analyzing the available data and implementing suggestions provided by the primary system users, the installation industrial hygienists. We will analyze the data collected in this first status report and present our findings in a separate report to be published later. Our goal is to deliver the prototype within the next year for integration into the existing Occupational Health Management Information System (OHMIS) where it will become an integral part of the HHIM.

We make the following recommendations:

- ◆ The Army provide the prototype status reporting system to the field as an ACCESS database application and in hard copy.
- ◆ Industrial hygiene personnel at all command levels use and evaluate the prototype system over the next year and provide their suggestions for improvement.
- ◆ The Army integrate the prototype system into the OHMIS, specifically the HHIM, once field testing is complete.
- ◆ The Army use this status report to measure industrial hygiene program improvements.
- ◆ The Army use this status report as the model in developing status reporting systems for the other Army preventive medicine programs.

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Chapter 1

THE ARMY INDUSTRIAL HYGIENE PROGRAM

Organization of the Army Industrial Hygiene Program

The primary mission of the Army Industrial Hygiene Program is to eliminate health hazards when possible and control the remaining hazards at acceptable levels. The program is part of the Army Occupational Health Program, a medical program structured along Medical Command lines and executed primarily by industrial hygienists assigned to medical treatment facilities at Army installations. Industrial hygienists are also assigned to the Army, Major Command (MACOM), and sub-MACOM staffs, and the U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM), a medical sub-MACOM that provides industrial hygiene (IH) support to installations worldwide. The industrial hygiene program (IHP) at the installation level supports the installation, the tenant activities, and satellite facilities on an area basis. A senior civilian industrial hygienist normally manages these installation-based programs. The resources to implement the program are provided through the medical treatment facility and are part of the medical treatment facility budget.

The USACHPPM provides the full range of IH support services to installations worldwide. The headquarters is located at the Edgewood Area of the Aberdeen Proving Ground in Maryland. The direct support activities are located at Fort Meade, Maryland; Fitzsimons Army Medical Center, Colorado; and Fort McPherson, Georgia. These direct support activities provide much of the IH support to Army installations. When installations need IH assistance, the installation Industrial Hygiene Program Managers (IHPMs) request help from the USACHPPM. Teams that are tailored to meet specific requirements provide on-site assistance.

Assigned staff officers in the Office of the Surgeon General (OTSG) develop the Army IH policy. Subject matter experts at the USACHPPM often develop the background information needed to support the development of IH policy. The policy is implemented through the Army Medical Command (MEDCOM), which is the parent MACOM for the installation medical facilities. The IH staff officer at MEDCOM oversees the installation-based IH programs.

The Challenges

The Army IHP faces many of the same challenges other programs face as the impact of Army downsizing becomes a reality. These challenges may be more acute for many installation programs. Historically, installation programs lacked resources, both in terms of operating dollars and trained manpower. Much of this problem is the direct result of lack of attention to budget and manpower issues. Installation program managers, staff officers, and support agencies have not worked these key issues and the “value-added” concept into a comprehensive and effective overall program strategy. Therefore, as all phases of the program respond to proposed cuts, the budget, manpower, and value-added data are lacking. Because of this lack of data, justifying critical program resources during downsizing is difficult.

Responding to the Challenges—Improving Program Management

NEW INITIATIVES

The Army IHP, led by the Director of Occupational Health Sciences at the USACHPPM and the MEDCOM Industrial Hygiene Staff Officer, have started to reshape the management of the program. The cornerstone of this effort lies in developing the Army IHP strategy and the Army Strategic Action Plan (ASAP) that will implement this strategy and establish the IH Improvement and Integration Team (I&I Team). The IH I&I Team will assess the status of IH Programs in the Army and identify and publicize successes, identify needed improvements, implement improvement initiatives, develop and justify program resource requirements, and develop and use management indicators.

The strategy identifies six key emphasis areas within the program—policy, budgeting, installation programs, program support, communication, and training. Resources will be targeted to specific actions in these areas that, when completed, will greatly improve the program and the value of the program to the Army.

IMPROVING PROGRAM MANAGEMENT

Our research shows that organizations with effective IH programs concentrate their efforts in the nine key program elements shown in the left-hand column of Table 1-1. Historically, the Army IHP has not effectively addressed each of these key program elements. The center column of the table shows the historical program elements. The right-hand column of the table shows the program elements

that will be emphasized as the new initiatives within the Army IHP are implemented.

Table 1-1. Comparison of Key Program Elements

Program elements	Historical IH program elements	New IH program elements
Strategic planning	NA	The program strategy
Planning implementation	NA	The ASAP
Information management	The HHIM	The HHIM
Program audits	Limited internal audits	Internal and external audits
Budget planning	Limited budget planning	Requirements-based budget input for the POM
Manpower planning	Requirements-based manpower	Requirements-based manpower
Management and technical training	The IH career program	The IH career program
Support services	USACHPPM mission services	USACHPPM mission services
Status reporting	Not applicable	IH Program status reporting

Note: POM = program operating memorandum.

Obviously, the new initiatives will provide the key program elements needed for the successful implementation of the IH Program. Figure 1-1 illustrates how the program elements fit into a basic program model.

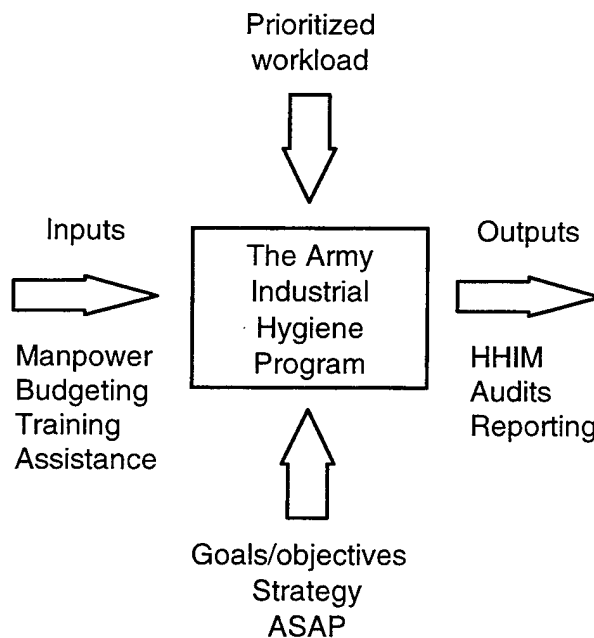


Figure 1-1. Army Industrial Hygiene Program Elements

THE NEXT STEP

The three critical elements of the program management process that are not yet fully developed include budgeting, manpower, and status reporting. In the longer term, developing a well-defined requirements-based program budget is the real key. This work is in the planning stages and will be accomplished in FY96. Identification of manpower requirements requires careful documentation and use of complex systems currently in place within the MEDCOM. Current IHP staffing levels will be reviewed and the workload reevaluated against the current system in the coming year. However, reporting the status of installation IHPs cannot wait.

MEDCOM, OTSG, and USACHPPM IHP leaders must have accurate information on the status and performance of the IHP across the Army. These leaders must prepare and justify the program budget, allocate resources, and fight to improve the program. They must have the best data available on which to base and defend their decisions. A carefully developed installation status report that provides key information without creating an undue burden on scarce installation personnel resources is needed. We have developed the prototype for that report, and we describe it in the following chapters.

Chapter 2

THE RATIONALE, USE, AND CONTENT OF AN INSTALLATION-BASED PROGRAM STATUS REPORT

Rationale for the Report

The primary operational arm of the IHP is based within the medical treatment facilities at Army installations and provides support to active Army, Reserve, and National Guard organizations on an area basis. Program requirements and performance must be accurately identified at the installation level. This information must be reported, consolidated, and conveyed in meaningful terms to medical treatment facility commanders, installation commanders, MEDCOM advocates, the USACHPPM, and Army Staff decision makers if the program is to meet the current challenges and move forward.

Proposed Uses for the Report

USE AT THE INSTALLATION LEVEL

This report will provide the information that installation industrial hygiene program managers need to

- ◆ provide a consistent, factual, performance-based appraisal of the status of their programs for installation leaders (commander, hospital commander, etc.);
- ◆ provide increased visibility for installation programs throughout the Army;
- ◆ focus programmatic efforts on the high priority tasks that must be completed to sustain safe, healthful, and productive workplaces;
- ◆ document programmatic accomplishments, including cost savings, clearly;
- ◆ identify clearly the program shortfalls and areas that require improvement;
- ◆ identify needed manpower, funding, and support services; and
- ◆ verify that needed support services have been programmed for accomplishment.

USE BY SUPPORT ORGANIZATIONS

Organizations that provide support to the installation IHP, the Health Service Support Area (HSSA) Industrial Hygienist, and USACHPPM will use the status report to

- ◆ assess the status of area industrial hygiene programs,
- ◆ target specific support to the programs that need it most,
- ◆ develop program-specific improvement strategies,
- ◆ develop HSSA-based manpower and budget requirements, and
- ◆ identify manpower shortfalls and track funding allocations and execution.

USE BY THE MEDCOM

The MEDCOM IH staff officer will use the report to

- ◆ classify installation programs based on performance;
- ◆ target specific support to installations that need it most;
- ◆ develop program-specific improvement strategies in coordination with the USACHPPM;
- ◆ identify trends in the program performance and track program improvement throughout the Army;
- ◆ summarize cost savings attributable to IHP actions;
- ◆ provide requirements-based manpower and budget information for the planning, programming, and budgeting process;
- ◆ identify manpower shortfalls and track funding allocations and execution;
- ◆ identify Army-wide problems and develop and implement effective solutions;
- ◆ identify training needs throughout the Army and develop and implement appropriate training programs;
- ◆ evaluate the use and utility of the HHIM as a program management and reporting tool; and
- ◆ summarize programmatic information and develop accurate effective reports required by the Army staff.

USE BY THE ARMY STAFF

The Army staff will use summarized information from the status report to

- ◆ demonstrate the accomplishments and impact of the Army IHP on the total Army,
- ◆ provide increased program visibility through accurate reporting of program accomplishments,
- ◆ support budget and manpower requirements,
- ◆ monitor funding allocations and execution, and
- ◆ identify trends in the program.

Content of the Report

The installation-based status report will provide the information that will be used to develop additional status reports that are tailored to the needs of IH personnel at the HSSA, MEDCOM, support organizations, and the Army staff. The installation status report will present, analyze, score and code the following information:

- ◆ The current (most recently reported) HHIM data
- ◆ The HHIM data trends for the last three years
- ◆ Information on how the IHP saves money
- ◆ The program management information based on the requirements set forth in Army Regulation (AR) 40-5 and Department of the Army (DA) Pamphlet 40-503
- ◆ Information on the support the IHP provides to other installation programs
- ◆ Manpower information that includes current staffing requirements, authorizations, and enhancements
- ◆ Budget information that includes budget requirements, requests, allocations, and execution of the budget by tracking expenditures in the Army Management System Code (AMSCO) 847705.41.

In addition to the information that is analyzed, scored, and coded, the installation-based status report will include the following information:

- ◆ A list of program elements needing improvement based on the IHPMs analysis, the results of internal audits, or other means of assessment
- ◆ A list of support services and assistance necessary to improve the installation program and the date the needed support is scheduled to be provided

- ◆ A comments section in which the IHPM can provide additional important information
- ◆ A section that contains pertinent administrative information for the program and installation.

Limiting the Reporting Burden

ADDRESSING THE CONCERNS

In developing any type of installation-based status reporting system, the following are the three major concerns:

- ◆ The report will create work for the installation personnel without providing any benefit.
- ◆ The reporting requirement will go well beyond reasonable requirements.
- ◆ The information provided in the report will not be used effectively.

We carefully considered these concerns in developing this report. In time, the HHIM database will generate most of the information through the use of preprogrammed HHIM reports. Until that programming can be funded and completed, the information will be obtained from the central data base, provided in hard copy or electronically as a data base application to the installations for review, and maintained in a central data base. The remaining data required to complete the report should be readily available to the IHPM.

The information requirements and the amount of time and effort required to complete the report are not excessive. Personnel at all levels have reviewed these requirements, and, based on their input, we have made changes to reduce the reporting burden. The report format will remain flexible to accommodate needed changes that will be identified in the early reporting periods and required as the program changes over time. Finally, industrial hygienists, support organizations, the MEDCOM, and the Army staff will use the information to improve the Army IHP.

SOURCES OF INFORMATION REQUIRED TO COMPLETE THE REPORT

HHIM Database

The HHIM is the personal computer-based database that is the primary program management tool used by the installation IHPM. The HHIM contains the basic inventory information on the health-significant operations at the installation and also serves as a primary recordkeeping system for IH activities. The HHIM includes information on operations; chemical, physical, and biological hazards;

workers; exposure estimates; sampling results; personal protective equipment; hazard controls; equipment information; calibration records; and many other useful data elements. IHP personnel enter the information, which provides an up-to-date record of the installation operations, into the local system. The HHIM database is used to develop the Industrial Hygiene Implementation Plan (IHIP), which is the installation's IHP workplan.

Each installation provides annual HHIM data to the central data management activity at Fort Detrick, Maryland. These centrally-managed data can be analyzed to assess the current status of programs and the trends in the programs. To date, these data have not been used extensively to evaluate programs. This proposed status report is the first step in developing and testing indicators that can be used throughout the Army IHP to assess program status.

Much of the information used to analyze the current data and data trends over the last three years will come from this centrally managed data base. Initially, we will develop these analyses centrally and supply them with the report to installation IHPMs for review and comment.

Cost Savings

We will develop this cost information centrally. Once we have developed the cost savings algorithms, we will give them to the installations so that they can compute cost saving locally. This portion of the status report will be the least mature during the first reporting period. Initial efforts in this area will concentrate on the cost savings associated with medical surveillance that is tailored to the individual worker's needs based upon documented workplace exposures. Additional efforts will target the cost of personal protective equipment, exposure control equipment, and contributions to reductions in lifetime healthcare costs.

Program Management Information

The IHPM will provide the input to this section of the report. The IHPM manages and executes the program and should be well aware of the program management information required to complete the status report. The basic information requested follows the guidance established in Technical Bulletin Medical (TB MED) 503, the Army IHP, and helps the IHPM assess the management status of the program.

Manpower Information

The IHPMs will provide the basic information regarding their manpower status. This information is readily available in the medical treatment facility Table of Distribution and Allowances and supplemented by the knowledge that the IHPMs have the manpower needed to implement an effective program.

Budget Information

The installation IHPM should have developed program budgets each year. The annual and outyear budget submissions provide the information for this section of the status report. We are developing a model installation program budget that can be used as a model for developing installation budget submissions. In addition, we will provide information on the use of the AMSCO system. The information needed to track budget executions is available, often in electronic format, from the medical treatment facility resource management office.

Problem Identified/Support Services Needed

The IHPMs should be conducting internal self-evaluations (audits) as part of their routine program management activities. TB MED 503, The Army IHP, provides a checklist for conducting internal audits. In addition, Technical Guide (TG) 165, *Installation Industrial Hygiene Program Self-Assessment Guide* provides detailed guidance on conducting self-assessments (audits) and provides forms to document and track the results of these audits. The ultimate purpose of the audits is to identify problems and program elements that require improvement. The information requested in the status report on the problems identified and support services needed should be readily available from the records of these internal audits and from the IHPM's knowledge of the status of the program. We will develop a simple coding system based on the program elements to classify the types of problem areas and support services.

Administrative Information

The administrative information requested is readily available to the program manager. Much of the information is currently available in a central database.

Comments

The program manager can use this section to add information that is pertinent to the evaluation of the program.

Chapter 3

DEVELOPING PROGRAM STATUS INDICATORS

Introduction

We must develop indicators for each of the seven major sections of the status report. Each of the indicators within a section must provide the most important information in terms that can be measured, scored, and coded to support meaningful, repeatable analyses. Those indicators, presented by major sections of the status report, follow.

Indicators Based on the Current HHIM Data

OVERVIEW AND SUMMARY OF THE SELECTED INDICATORS

The HHIM database provides a wealth of information that can be used to develop program status indicators. Effective indicators in any IH program should assess the current status of the key elements within the program. These key elements include the numbers of operations, the health risk associated with the operations, the number of people potentially exposed to the contaminants generated, the number of operations that produce exposure in excess of control limits, the number of operations requiring the use of personal protective equipment, and the number and distribution of samples collected to quantify the hazards.

The following indicators were selected for evaluation of the current HHIM data:

- ◆ The number of operations coded with the risk assessment code (RAC) 1/2
- ◆ The number of RAC 1/2 coded operations evaluated and sampled this period
- ◆ The number of operations coded RAC 3
- ◆ The number of RAC 3 coded operations evaluated and sampled this period
- ◆ The number of operations coded RAC 4/5
- ◆ The number of RAC 4/5 coded operations evaluated and sampled this period
- ◆ The number of operations coded RAC 0 (not assigned a RAC code)

- ◆ The number of operations coded RAC 0 evaluated and sampled during the reporting period
- ◆ The number of administrative operations evaluated and sampled
- ◆ The number of industrial operations evaluated and sampled
- ◆ The number of operations producing exposures greater than the action level
- ◆ The number of operations producing exposures greater than the applicable standard
- ◆ The number of operations for which respiratory protective equipment (RPE) is required, required but not used, or used but not required
- ◆ The number of samples collected during the reporting period.

Some terms warrant specific discussion. For purposes of this report, the term “evaluated” means that information on the operation was entered into the HHIM database. The term “sampled” means sampling data associated with that operation were entered into the HHIM database. In most cases, these sampling data are personal exposure monitoring data. All workers are potentially exposed to the contaminants associated with the operations where they work. They are considered to be exposed to specific contaminants only when valid personal exposure monitoring or other statistical methods based on valid personal exposure sampling demonstrate that exposure is above the action level.

In addition to these specific indicators, information on the number of people associated with operations in each RAC category and the total number of operations at each installation is provided as a frame of reference.

RATIONALE FOR THE SELECTION OF THE INDICATORS

The Distribution of Operations By RAC

The number of operations that exist defines a large portion of the hygienist’s workload. The distribution of operations across the RACs provides an excellent measure of the risk associated with the operations. The number of high-risk operations (RAC 1/2) should be a small percentage of the total operations and should be the highest priority for evaluation and sampling. The distribution of RAC 3 and RAC 4/5 coded operations should be rational. One would expect more RAC 4/5 operations than RAC 3 operations and many more RAC 3 operations than RAC 1/2 coded operations. As the programs mature and hazards are abated, more of the operations should move into the lower risk (higher RAC number) categories. The number of operations coded RAC 0 normally indicates that an RAC could not be assigned based upon the available information. Often the RAC 0 is assigned until sampling results are received and an RAC can be assigned to

the operation. As the programs mature, fewer operations should fall into this category for two reasons. First, mature programs should have evaluated nearly all operations, quantified exposures when needed, and assigned an RAC of 1 to 5. Second, in less mature programs, operations that are initially evaluated and sampled and assigned an RAC 0 should be recorded as soon as sampling results are received. The number of operations coded RAC 0 should decrease quickly. Figure 3-1 displays some sample data.

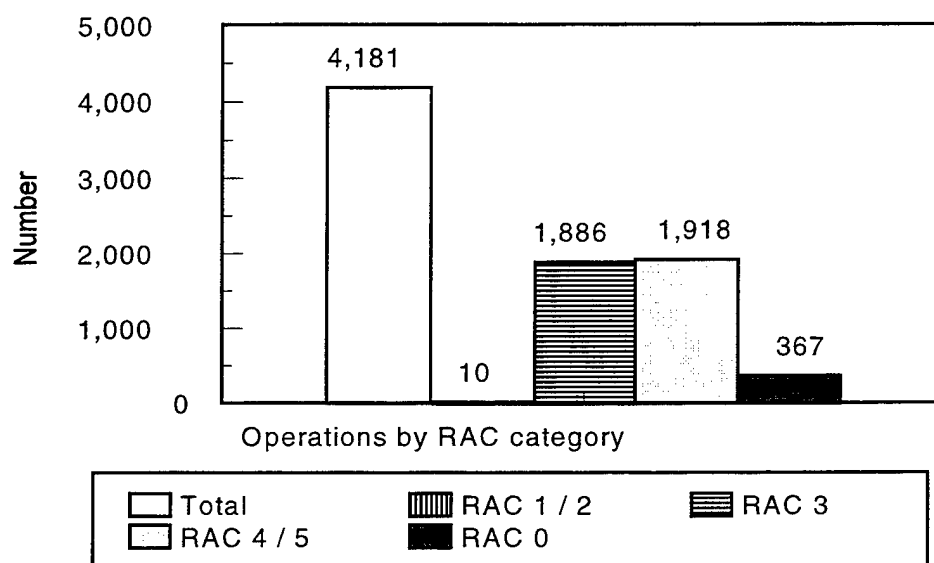


Figure 3-1. Distribution of Current Operations By Risk Assessment Code

Distribution of Evaluation and Sampling Efforts by RAC

The number of operations in each RAC category that were evaluated and sampled is an excellent indicator of where the hygienists expended their efforts. Evaluation and sampling should be targeted to the highest risk operations first. Simply stated, the RAC 1/2 coded operations should be evaluated and sampled first, then the RAC 3s. Sampling of low-risk operations, those coded RAC 4/5, should be minimized. One would expect that all of the RAC 1/2 coded operations and the majority of the RAC 3 operations would be evaluated each year. The number of RAC 0 operations evaluated and sampled should be low since most of the programs are mature enough to have evaluated most operations. Figure 3-2 provides data collected at one installation.

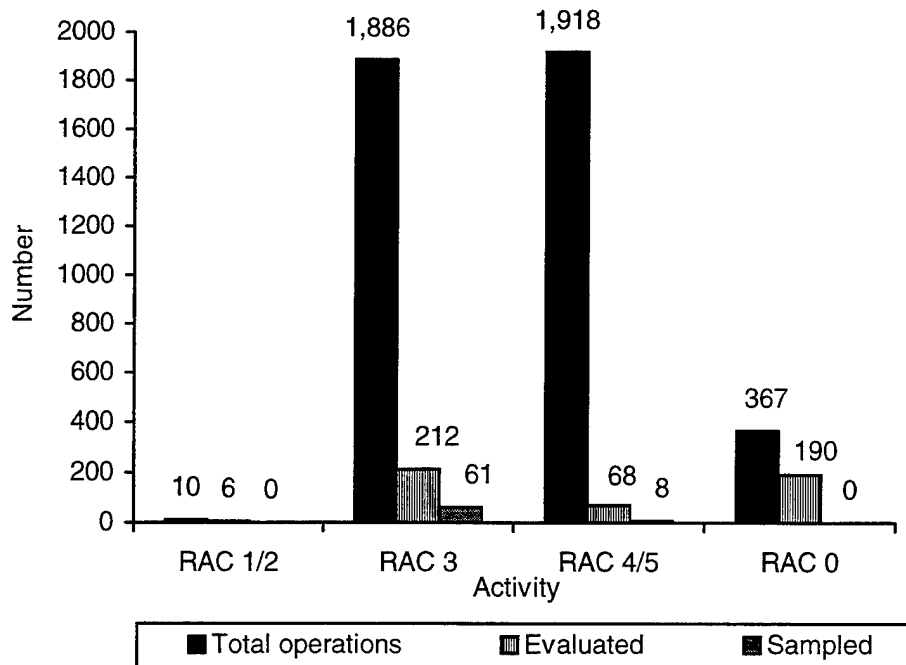


Figure 3-2. Distribution of Operations Evaluated and Sampled by RAC

Administrative Operations Evaluated

Administrative operations are those defined as such in the *HHIM User's Guide* in Appendix E and given an Administrative (ADM) code in the HHIM database. Administrative operations, in general, represent the lowest hazard operations at military facilities. Their evaluation and sampling priority and frequency should be much lower than the priority for the higher hazard industrial operations. The number of administrative operations evaluated and sampled should be a small percentage of the total operations evaluated and sampled (see Figure 3-3). If the percentage is higher, industrial hygiene efforts are not being appropriately targeted to the high hazard operations.

Industrial Operations Evaluated

Industrial operations are those defined as such in Appendix E of the *HHIM User's Guide*. They represent the highest hazard operations and should have priority over administrative operations for evaluation and sampling. The number of industrial operations evaluated should be a large percentage of the total operations evaluated. This indicator provides additional information on targeting resources to the high-hazard operations. (See Figure 3-3).

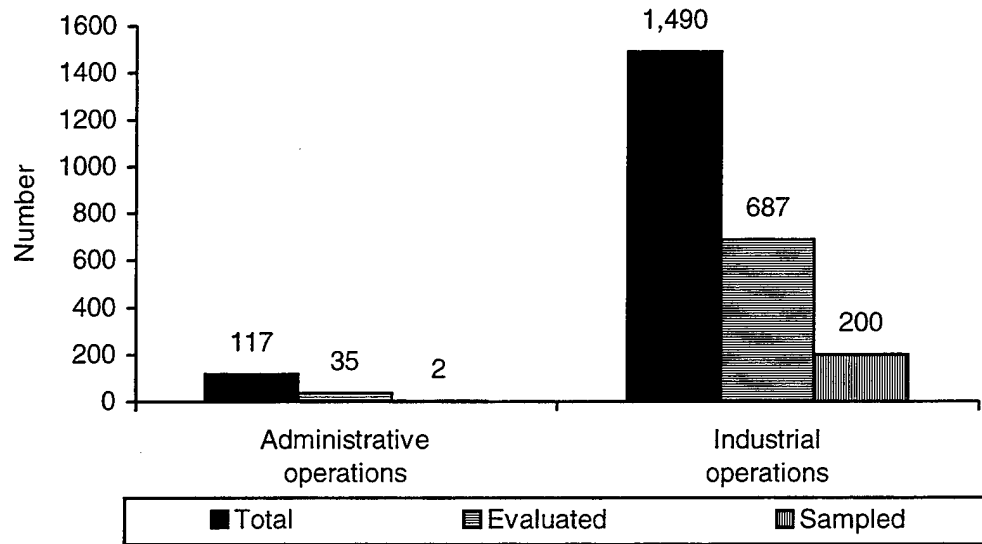


Figure 3-3. Administrative and Industrial Operations

Operations With Exposures Greater Than the Action Level

This indicator quantifies the number of operations that produce exposures greater than the action level (AL) (normally half of the applicable standard), and the number of operations should be low. These are high-hazard operations and should be targeted for abatement as the second priority after abatement of operations producing exposures in excess of applicable standards. Figure 3-4 illustrates this indicator.

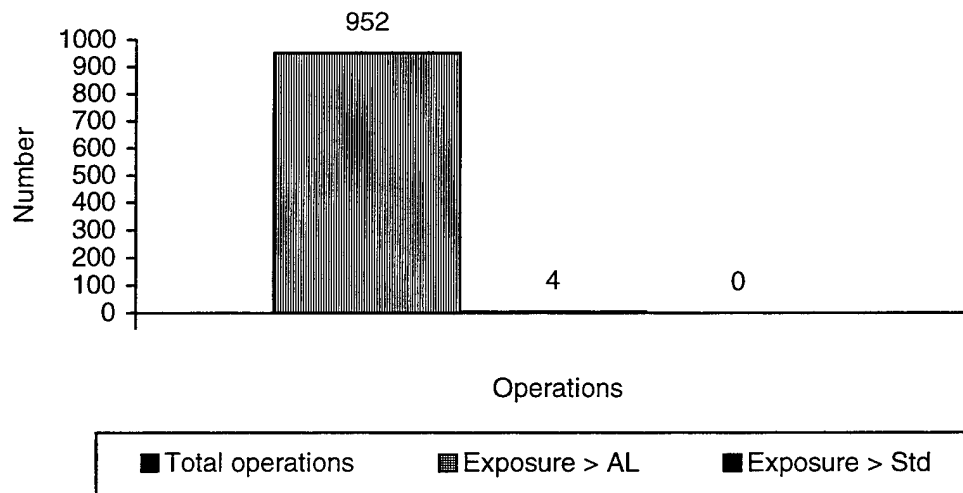


Figure 3-4. Operations Producing Exposure > AL or Standard

Operations With Exposures Greater Than The Applicable Standard

The number of operations producing exposures in excess of the standard should be near zero because these operations are the highest hazard operations and require immediate abatement action. Figure 3-4 illustrates this indicator.

Operations Requiring The Use of RPE, Operations for Which RPE Is Required But Not Used, and Operations for Which RPE Is Used But Not Required

Providing workers with RPE is a complex, manpower intensive, and expensive process. The primary consideration is that the use of RPE should be limited to those situations in which engineering controls cannot reduce the hazard to acceptable levels or while engineering controls are being installed. The number of operations requiring the use of RPE should be low. When controls are inadequate and RPE is required, all exposed workers must wear it to prevent exposures that can cause illness. If RPE is required and not used, additional training should be provided to the supervisors and workers to facilitate RPE use. Voluntary use of respirators is a questionable and expensive practice, is not necessary, and should be avoided.

Figure 3-5 presents data from one installation's program.

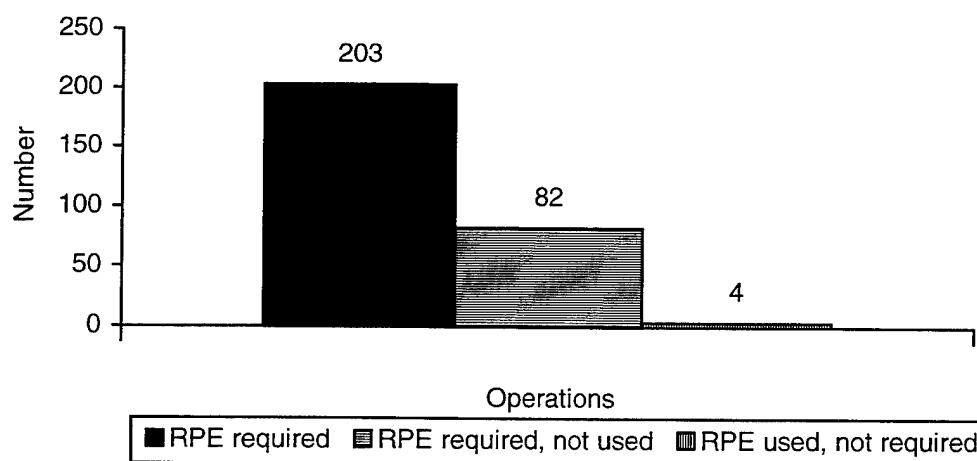


Figure 3-5. Operations and Respiratory Protection Equipment Usage

The Total Number of Samples Collected During the Reporting Period

The total number of samples collected provides a good indication of the aggressiveness of the sampling efforts and is also a good indicator of accomplishments. If the installation is evaluating operations on a worst-first basis and a large number of operations are coded RAC 0 and RAC 1/2, that installation should complete considerable quantification sampling. The RAC 0 coded operations require sampling to assign an RAC and the RAC 1/2 coded operations should be characterized yearly. The total number of operations sampled should include the number of RAC 0 and RAC 1/2 operations as well as some of the RAC 3 coded operations.

Figure 3-6 presents data from one installation.

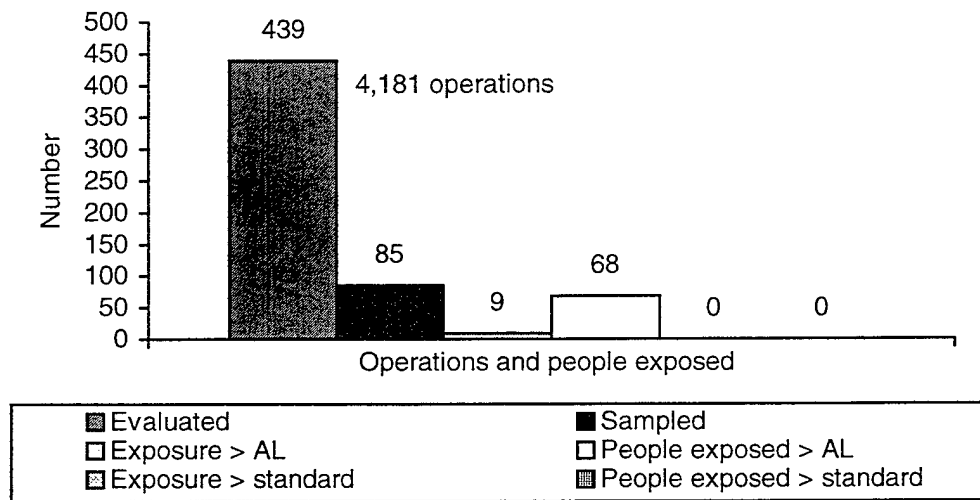


Figure 3-6. Operations Evaluated and Sampled

Indicators Based on the HHIM Data Trends

OVERVIEW AND SUMMARY OF THE SELECTED INDICATORS

The historical record that the HHIM data provides can be used effectively to assess the improvement of IH programs over time. The following indicators were selected for use in the analyses:

- ◆ The number of operations and people potentially exposed
- ◆ The percentage of operations coded RAC 1/2 and the number of operations this percentage represents
- ◆ The percentage of operations coded RAC 3 and the number of operations this percentage represents

- ◆ The percentage of operations coded RAC 4/5 and the number of operations this percentage represents
- ◆ The percentage of operations coded RAC 0 (not coded) and the number of operations this percentage represents
- ◆ The percentage of operations followed up in the next year.
- ◆ The percentage of operations evaluated and the number of operations this percentage represents
- ◆ The percentage of operations sampled and the number of operations this percentage represents
- ◆ The percentage of operations producing exposures greater than the AL and the number of operations this percentage represents
- ◆ The percentage of the operations producing exposures greater than the applicable standard and the number of operations this percentage represents
- ◆ The percentage of operations requiring the use of RPE; the percentage of operations where RPE is required but not used; the percentage of operations where RPE is used but not required and the number of operations associated with each
- ◆ The number of samples collected to date.

We used the percentage basis in the trend analysis to accommodate the changes in the number of operations entered in the database over time. As the programs mature, more of the operations are evaluated and entered in the database. In effect, the denominator changes each year, and comparing absolute numbers across years is not appropriate. We can easily convert the percentages to absolute numbers if this information is desired.

DISCUSSION OF THE INDICATORS SELECTED

The Number of Operations and the People Potentially Exposed

One of the best indicators of program growth is the increase in the number of operations entered into the HHIM database and the number of people associated with each of these operations. As programs mature, the number of operations and people associated with these operations should increase. However, at program maturity, these numbers should become stable. The data presented in Figure 3-7 illustrate these trends.

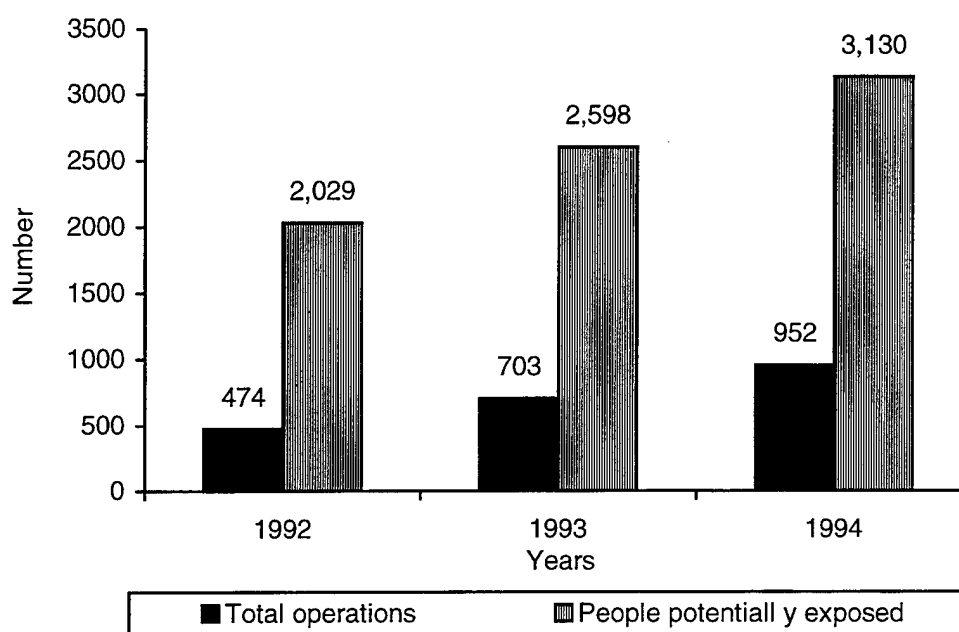


Figure 3-7. Trends in the Number of Operations by Year and People Potentially Exposed

The Percentage of Operations in Each RAC Category

Each operation is assigned a medical RAC based upon the industrial hygienist's evaluation of the operation. The severity of the health hazard (exposure magnitude and medical effect) and the probability of exposure (exposure duration and number of people exposed) determines the medical RAC. The RAC is derived by integrating the severity and probability characteristics of hazards associated with each operation and assigning a numerical code value from 1 to 5. Precise definitions of each of the medical RACs have not been developed; however, the numerical values are generally ordinal with 1 indicating a very high risk situation and 5 indicating a negligible or low-risk situation. Operations not coded were included to show the number of operations that were evaluated and an RAC was not assigned. This situation often occurs when samples have been taken and the results are not yet available.

The RAC code was not a required entry field in the early versions of the HHIM software. Therefore, the information in the database may be sparse at some installations and may not correlate well with individual operations. In the latest version of the software, the RAC is a mandatory entry. This requirement should make future data more prevalent and useful as an analysis tool.

The number of operations coded RAC 1/2 should decrease as the programs mature since these are the highest hazard operations and should be abated first. RAC 3

operations should increase, level off, and then decline as the hazards associated with these operations are abated. Figure 3-8 presents example data.

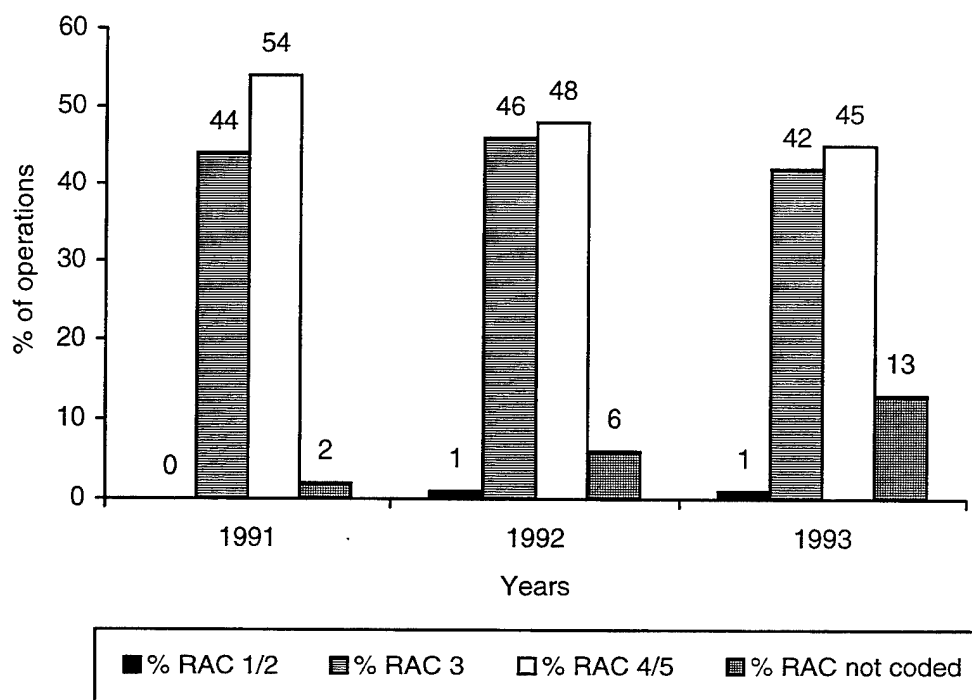


Figure 3-8. Trends in the Distribution of Risk Assessment Codes by Year

The Percentage of Operations Reevaluated in the Next Year

This indicator was selected to quantify the number of operations that received a follow-up evaluation the next year. All of the high-hazard operations (RAC 1/2) and a large percentage of the moderate hazard operations (RAC 3) should be followed the year after they are identified and until the hazards are adequately abated. This indicator provides a means to evaluate these efforts.

The Percentage of Operations Evaluated and Sampled

These two indicators demonstrate the distribution of survey efforts. Operations that were qualitatively surveyed have been evaluated. Operations that were quantitatively surveyed, those at which samples were taken and the results entered in the HHIM database, have been sampled. The quantitative evaluation of most operations is essential to document the worker's exposure or lack of exposure. These data demonstrate that the workplace is under adequate control. In addition, these data become part of the worker's medical record and are the basis for medical surveillance. Figure 3-9 presents data from one installation.

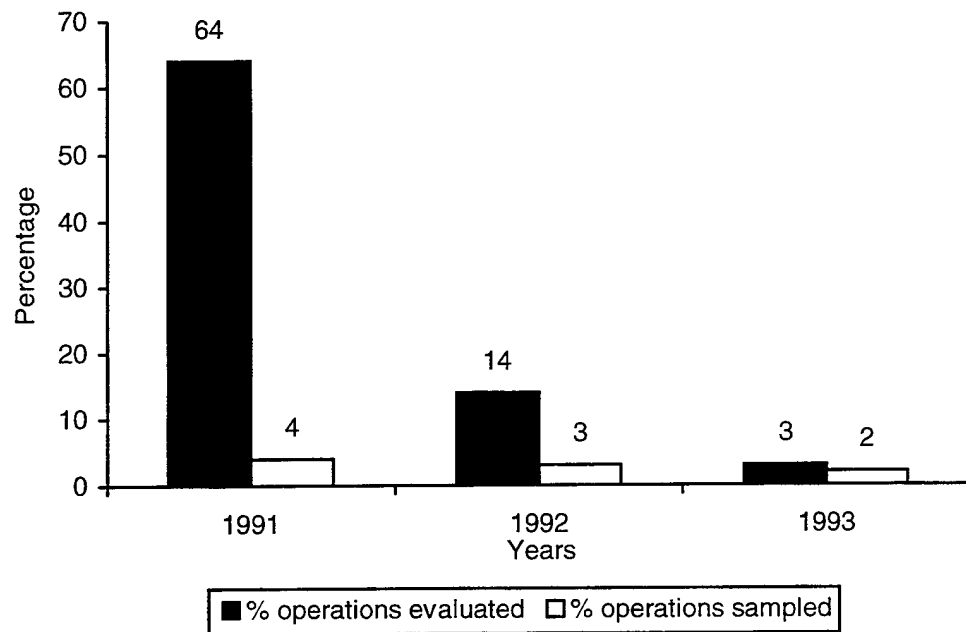


Figure 3-9. Trends in the Percentage of Operations Evaluated and Sampled

The Percentage of Operations Producing Exposures Greater Than the Action Level or Standard

These two indicators provide the quantitative information the industrial hygienists need to target their efforts to the high-hazard operations on a worst-first basis. Certainly effective programs do not have operations that produce exposures that exceed standards. When these conditions are discovered, corrective efforts should begin immediately. The percentage of operations producing an exposure that exceeds the AL should be small. Targeting these operations for improved controls should be the second highest priority. Figure 3-10 presents data from one installation.

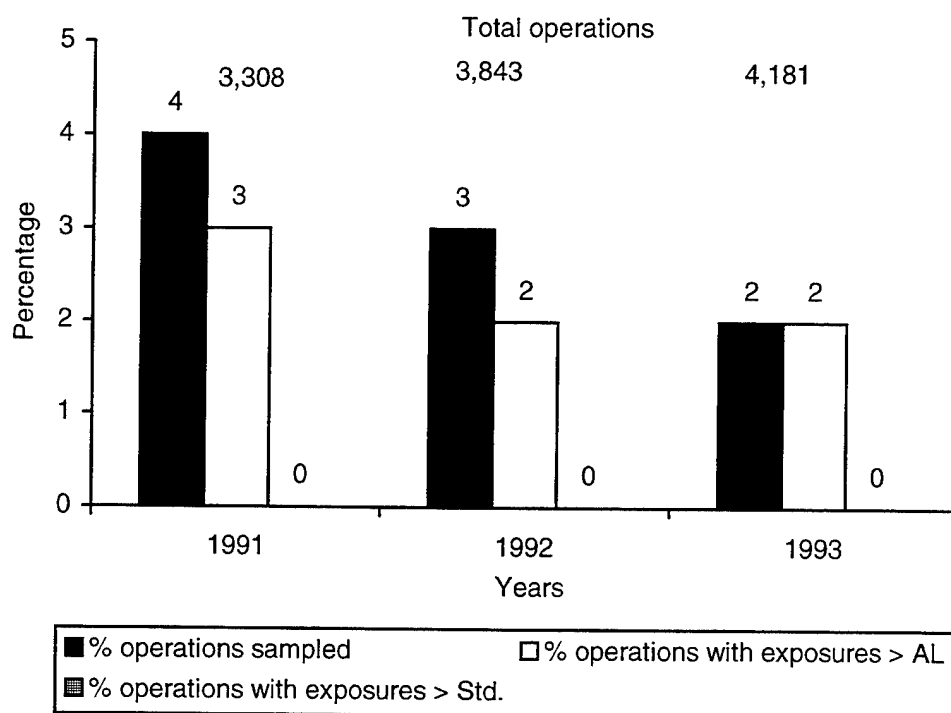


Figure 3-10. Trends in Operations Producing Exposure > Action Levels or Standards

The Use of RPE

Providing workers with RPE is a complex, manpower intensive, and expensive process. Ideally, as IH programs mature, substitution and the implementation of effective engineering controls will reduce and eliminate the need for RPE. Until all operations can be adequately controlled, some workers will be required to wear RPE. When respirator use is required, workers must wear respirators to prevent illness and the associated lost work time and compensation claims. When RPE is required, but not used, it indicates a possible non compliance and potential situation for over exposure. Training and management emphasis should reduce or eliminate these conditions. Voluntary use of respirators is a questionable and expensive process and is not necessary. This practice should be discouraged. Eliminating the use of RPE will save significant costs associated with the implementing and managing installation respiratory protection programs. Figure 3-11 presents data from one installation.

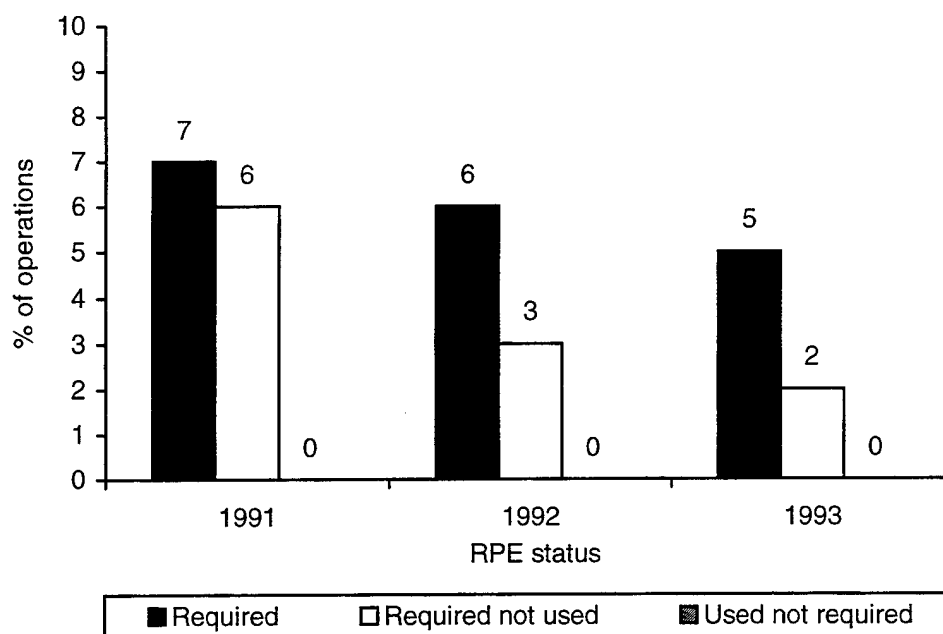


Figure 3-11. Trends in RPE Use

The Number of Samples Collected

The number of samples collected over time should increase as the programs mature. Initially, the number of samples collected should be high and then taper off as the operations producing the most serious exposures are sampled. If the number of samples entered in the database is low it indicates a low level or sampling effort or failure to enter the sampling results into the HHIM.

Indicators Based on Program Management

OVERVIEW AND SUMMARY OF THE SELECTED INDICATORS

The indicators selected are grouped into three management areas to facilitate their description. The management areas and their indicators are listed.

- ◆ Program Management Tools
 - ◆ program document
 - ◆ health hazards information module (HHIM)
 - ◆ IHIP
 - ◆ exposure potential codes (EPCs)
 - ◆ compliance with the HHIM data calls

- ◆ recordkeeping
- ◆ timekeeping
- ◆ follow-up
- ◆ installation hazard abatement plan tracking
- ◆ Personnel, Facilities, and Equipment
 - ◆ staff training and professional development
 - ◆ staff credentialing and privileging
 - ◆ facilities
 - ◆ equipment
- ◆ Internal Audits

RATIONALE FOR THE SELECTION OF THE INDICATORS

General

The effective management of installation IH programs is particularly important now as resources become more constrained and program managers are forced to make difficult decisions in setting priorities for their workload. Resources must be targeted to—installation operations and activities that present the greatest risk to the largest worker population. The management indicators selected focus on the effective implementation of the tools the IHPM has to target resources to high-priority tasks, the adequacy and capability of his equipment and staff, and the internal evaluation of the program against established guidelines.

Program Management Tools

If these tools are properly used, the IHPM can implement an effective program that targets resources to the highest risk operations and activities.

The program document defines the framework for implementing the program. This document defines the authorities and responsibilities for conducting the IHP and its interface with other installation programs. It includes the program mission, goals, objectives, and actions and establishes the agreements needed to implement the program in the installation support area. Without a comprehensive program document, the program is not well defined and implementation problems often develop.

The use of the HHIM is mandatory. This database tool automates the record keeping process and provides the data necessary to operate the IHP efficiently. Workplace assessment data must be entered into the system, analyzed, and used to identify those operations and activities that create the greatest risk to exposed per-

sonnel. Incomplete data collection stymies efforts to review program progress, proceed beyond a day-to-day program focus, and implement effective program management procedures. Failure to use the HHIM database properly makes it difficult to operate an installation program effectively.

The IHIP is the prioritized, continuously updated workplan for the IHP. It must be based on the data derived from the HHIM and should target resources to hazard abatement activities on a worst-first basis. Failure to develop and follow an organized IHIP makes providing services difficult and leads to a program approach that is reactive rather than proactive.

Assignment of EPCs to all hazards identified and recorded in the HHIM is the major link between the industrial hygienist and the occupational health physician. The EPC helps the physician tailor the medical surveillance procedures to individual workers. Assigning an accurate hazard EPC is essential to support optimal, cost-effective medical surveillance.

Complying with the HHIM data calls is critical to the success of the overall Army IHP. The HHIM data provided is used as the basis for status reporting, which is used throughout the program to report on program status and to target improvement efforts on a priority basis. Demonstrating progress is essential to maintaining program support and funding at the corporate level.

Recordkeeping is an essential part of the IHP. Not only is recordkeeping mandated by law, it is essential for effective program implementation. The HHIM was designed as a recordkeeping system, and its use will provide much of the information the IHPM needs to plan and implement the program effectively.

One of the most difficult and often overlooked aspects of any program is implementing effective procedures to follow-up on recommendations. The IHPM responsibilities do not stop with the development of recommendations for hazard abatement. Follow-up actions must be taken to ensure that the identified hazards are corrected. Failure to track the implementation of corrective actions does nothing to enhance hazard abatement and can promote the impression that the IHP is ineffective.

Timekeeping is one of the aspects of program management that is often discussed and seldom effectively used. The timekeeping system should function as a program management tool to track time to specific tasks. The program manager should assess the use of each individual's time and ensure that the time is spent on the highest priority tasks.

Hazard abatement plan tracking ties corrective action requirements found by the IHP to the installation's formal corrective action program. Without tracking the correction of hazards, we cannot ensure that corrections occur on a worst-first basis and that the corrections are accomplished in a timely manner. The industrial

hygienist must focus the attention of installation leaders on the hazards requiring correction, and, without a tracking system, he/she cannot accomplish this task.

Personnel, Facilities, and Equipment

The IHPM cannot implement the program effectively if the assigned personnel are not properly trained, facilities are not adequate, and the equipment used to assess hazards is not sufficient in quantity and quality and maintained appropriately.

Training and development of the IHP staff is an important aspect of the program that does not receive proper emphasis and funding. Recruiting limitations can result in selecting personnel with minimum qualifications that need significant additional training. In addition, as staffs are cut, the need for fully qualified personnel becomes more acute. An effective plan must be in place to develop the expertise of the program personnel.

Establishing staff credentials and privileges is a management tool closely aligned with training and development. The IHPM should develop a plan to establish credentials modeled after the IH Army Career Training, Education, and Development Plan that clearly defines the training required to perform specific IH tasks. He/she should also develop a plan to establish privileges based on each staff member's demonstrated capabilities to accomplish specific tasks. Under this plan, each staff member performs only those tasks for which they have attained the requisite training and demonstrated appropriate proficiency. If the IHPM does not have this plan implemented, the quality of the work the staff performs may not withstand scrutiny.

The IHP requires adequate office, laboratory, and storage space. If facilities are not adequate to meet program needs, every effort should be made to obtain facilities that promote productivity and meet the minimum essential program requirements.

The science of IH becomes more complex each year, and equipment requirements are constantly changing to keep pace with new scientific and regulatory requirements. The IHP staff must have the equipment that is necessary to assess worker exposures. This equipment must be properly used, calibrated, and maintained so that collected data will be precise and accurate. The IHPM must have an effective equipment management program in place that includes maintaining the calibration and maintenance records in the HHIM.

Internal Audits

Internal or self audits are an essential part of any effective program. The IHPM should use the guidance provided in the United States Army Environmental Hygiene Agency (USAEHA) Technical Guide 165, *Industrial Hygiene Program Self-*

Assessment Guide to assess the IHP annually. This guide outlines procedures for evaluating all aspects of the installation IHP. Using these internal audits, the IHPM can identify strengths and weakness in the program and take appropriate action to improve weaknesses. In addition, the self audits can be used as a means of identifying support services and additional resources that may be needed. The status of installation programs based on the findings of these internal audits may be used to target additional resources to improve existing programs.

Indicators Based on Support Provided to Installation Programs

SELECTED INDICATORS

The indicators selected are the 10 most important installation programs and activities that the IHP supports or performs. These include

- ◆ Response to complaints
- ◆ The Occupational Health Program
- ◆ The Hazard Communication Program
- ◆ The Civilian Resource Conservation Program
- ◆ The Respiratory Protection Program
- ◆ The Personal Protective Equipment (PPE) Program
- ◆ The Design Review Program
- ◆ The Ergonomics Program
- ◆ The Biological Hazards Control Program
- ◆ The Confined Space Entry Program.

RATIONALE FOR THE SELECTION OF THE INDICATORS

General

The primary function of the IHP is eliminating and controlling workplace hazards. Much of this work is accomplished by working with and supporting other installation programs and activities. Effectively supporting these programs has a direct impact on the workers, their workplace, and their health. Therefore, the most important of these programs must be considered in the full evaluation of any installation IHP.

Many installation programs and activities receive varying levels of support from the IHP. We cannot use all of these programs as status indicators. We decided to use the top 10 programs as status indicators. A panel of 10 senior industrial hygienists that included the IH representative from each of the health service support regions selected the top 10 programs from a comprehensive list. We used a pair-wise comparison methodology to identify the top 10 installation programs supported. Using a computer application, each member of the expert panel compared each installation program to the other programs. Each panel member selected the program they considered more important in each of the pairs and scored the relative importance from 1 to 4. All results were combined and analyzed to identify the top 10 installation programs supported.

Response to Complaints

Responding to worker complaints about workplace health hazards is an important part of the IH mission. In order to be effective, response actions must be tailored to the hazard, fit appropriately into the program workplan, and resolve the situation in a timely manner. The way programs respond to complaints is often a good indicator of their overall effectiveness.

The Occupational Health Program

The IHP is an integral part of the Occupational Health Program (OHP). The goals of the OHP are to: 1) assure that eligible personnel (military and civilian) are suited to their assignments and monitored to detect early deviations from the optimum; 2) protect employees from the adverse effects of workplace hazards; 3) assure proper medical care and rehabilitation of the occupationally ill and injured; 4) reduce the economic loss associated with workplace injury and illness; and 5) prevent decreased combat readiness caused by occupational injury and illness.

The industrial hygienist plays a major role in the OHP by characterizing workplace exposures, overseeing the elimination and control of workplace hazards, providing exposure data (using the HHIM) to the occupational health physicians and nurses so that optimal medical surveillance can be provided for eligible workers, working with the OHP physicians through the Civilian Resource Conservation Program (CRCP) to reduce lost time and other economic losses associated with workplace illnesses and injuries, and conducting joint workplace visits with OHP personnel.

Hazard Communication Program

Increasing the awareness workers have of the hazards inherent in the jobs is one of the most effective means of reducing occupational injury and illness. The purpose of the Installation Hazard Communication Program is to inform workers of the

the program are of primary concern to the industrial hygienist. These areas are: 1) performing workplace evaluations to assess the hazards created by the use of the chemicals; 2) providing training regarding the health effects of the chemicals, effective controls, work practices to limit exposure, and the selection and use of protective clothing and equipment; and 3) reviewing the material safety data sheets (MSDS) for locally procured materials.

Civilian Resource Conservation Program

Reducing the claims and costs to the Army under the Federal Employee Compensation Act (FECA) is the goal of this program. This program is receiving more emphasis as unit commanders are required to pay the compensation costs for their employees and are much more interested in reducing these costs. Industrial hygienists are becoming more involved as part of the teams that investigate claims, evaluate the workplaces where the injuries and illness occurred, and work closely with the occupational health physicians to return workers to the job quickly. An installation-level claims review board reviews compensation claims. The industrial hygienist often must provide workplace exposure data relevant to the claims under review and assessments of workplaces that have produced injuries or illnesses.

Respiratory Protection Program

The installation respiratory protection program ensures that the respirators issued to workers provide the protection needed to prevent exposures in excess of accepted standards. Implementing a comprehensive respiratory protection program accomplishes this purpose. The roles of the industrial hygienist in this program include: 1) evaluating the workplace to determine the need for and adequate use of respirators and 2) training the respirator specialists and technicians in the capabilities and limitations of respirators, selection of respirators, and use and care of respirators. The industrial hygienist is the installation subject matter expert on workplace health-hazard evaluation and the selection, use, care, capabilities, and limitations of respiratory protective equipment.

The Personal Protective Equipment Program

This program provides trained workers with PPE that is tailored to the hazard. The major elements of an effective PPE program include: 1) hazard assessment; 2) PPE selection based upon the hazards; 3) worker training regarding the hazards, use, and maintenance of the PPE and limitations of the PPE; 4) elimination of defective or damaged PPE; and 5) maintenance of required records to document the processes used to comply with the program requirements. The industrial hygienist should be actively involved in the portions of the program that assess hazards; select PPE; train workers regarding hazards, use, maintenance, and limitations of

PPE; and develop criteria to eliminate damaged PPE. An effective, well run PPE program is an essential component of providing a safe and healthy workplace. PPE is one of the first lines of protection against workplace hazards.

Design Review

This activity is one of the major elements of the Army Preventive Medicine Program. The concept is to provide IH input for planning new construction, modification, and renovation of buildings, equipment, and facilities throughout the installation. Through reviewing plans and designs, we can identify and eliminate or control potential hazards before construction. This program is not only cost-effective but prevents worker exposure to the hazard. A few hours spent reviewing plans and specifications can save countless hours evaluating improperly designed and constructed facilities and the costs associated with retrofitting the facilities.

The Ergonomics Program

Ergonomics is a component of the Army Occupational Safety and Health (OSH) Program but is of sufficient scope to serve as an effective indicator for the installation IHP. The ergonomics program prevents illness and injury by eliminating or reducing worker exposure to ergonomic hazards. Illness and injury caused by ergonomic stressors account for a significant portion of the total illness and injuries sustained by the Army workforce. The industrial hygienists have a major role in the ergonomics program. It includes: 1) performing work-site evaluations to identify, eliminate, or control ergonomic hazards; 2) documenting the problems identified and controlled; and 3) providing ergonomics training and education to the workforce. IH activities can have a major impact on reducing the illness and injury attributed to ergonomic stressors.

The Biological Hazards Program

This title has been coined to encompass the programs that address the prevention of disease transmission in medical treatment facilities and laboratories. This title includes the activities associated with blood-borne pathogens, chemical hygiene planning, isolation precautions for hospitals, and occupational exposure to tuberculosis. In each of these activities, the industrial hygienist should play a key role in helping installation personnel develop and implement the required programs. In general, the industrial hygienist will advise the program administrators on identifying and assessing hazards, developing control technologies, verifying the adequacy of controls, training personnel in the medical aspects of the hazards they encounter in their workplace, and maintaining records of workplace hazards in the HHIM.

The Confined Space Entry Program

This installation permit-required confined space entry program should have detailed procedures in place that identify confined spaces on the installation and classify the confined spaces as permit required or not required. The installation should develop a written permit-required confined space entry program that meets the rigorous Occupational Safety and Health Administration (OSHA) requirements. Industrial hygienists should be involved in the following aspects of the installation confined space entry program: (1) helping select RPE and protective clothing and equipment, (2) identifying confined spaces in the HHIM, (3) monitoring confined spaces upon request, (4) providing input to and reviewing the confined space entry program/permit system, and (5) providing the health component of the training for supervisors and workers.

Indicators Based on Manpower

SELECTED INDICATOR

The indicator is the magnitude of the difference between the authorized and current staffing levels and the difference between the required and current staffing levels.

RATIONALE FOR THE SELECTION OF THIS INDICATOR

The majority of installation IHP managers believe that they are severely understaffed and that comprehensive programs cannot be implemented without adequate staffing. This section of the report allows an easy comparison between current, authorized, and required staffing levels. Table 3-1 presents a simple means of conveying this information. The staffing levels will be considered in evaluating the overall program performance and targeting funding to programs with urgent staffing needs.

Table 3-1. Manpower Status

Personnel	Required	Authorized	Current
Industrial hygienists	2	1	1
IH technicians	2	1	1
Clerical support	1	0	0
IH enhancements	0	0	0
Tech. enhancements	0	0	0
Clerical enhancements	0	0	0
Total	5	3	2

Indicators Based on the Program Budget

SELECTED INDICATORS

This simple indicator is the presence of a requirements-based budget and tracking of execution of the budget in AMSCO 847705.41 for the IHP.

RATIONALE FOR THE SELECTION OF THESE INDICATORS

Overview

Historically, most installation IHPs have not participated in the budget process. This practice must be changed. Their budget has been a small portion of the overall Preventive Medicine Program budget, and their requirements have been lumped in with the rest of the Preventive Medicine Program requirements. There is increasing pressure on all programs to demonstrate their “value added” and cost-effectiveness. IHP managers must develop requirements-based budgets and track execution of their funds, including labor dollars. This procedure is the only way they can begin to demonstrate their cost-effectiveness and demonstrate their value added.

The installation requirements-based budget is the cornerstone of the Army IHP budget submission. Installation budget submissions must be consolidated to form the program budget submission and provide input to the Medical and Army POM process. In addition, expenditures must be tracked so that shortfalls and overages can be properly managed and considered in outyear funding allocations.

The MEDCOM is now tracking funding allocations and expenditures against the AMSCO. These codes link the budget accounting process to program execution so that the user can track executions within program areas. The AMSCO code for Military Public and Occupational Health is 847705. Subcodes are used to provide the additional detail needed to track executions by program specialty. The primary code used in the IHP will be AMSCO 847705.41. IHPMs should work closely with the medical resource managers to ensure that allocations and expenditures are tracked in this AMSCO.

Essential Budget Data Elements

The installation requirements-based budget should be developed in a format that facilitates consolidation for inclusion in the medical budget submission and POM input. Table 3-2 shows the elements that are used in the medical budget submission. Each of these elements relates to the AMSCO shown in the column adjacent to each element.

Table 3-2. Example Format for the Installation-Based IH Budget Submission

Funding Level	AMSCO	Funding level (thousands)							
		CY	BY	FY98	FY99	FY00	FY01	FY02	FY03
Labor	847705.41								
Equipment	847705.41								
Training	847705.41								
Travel	847705.41								
Contracts	847705.41								
Printing/reproduction	847705.41								
Supplies	847705.41								
Administrative costs	847705.41								
Total									

Note: CY = current year; BY = budget year; FY = fiscal year.

Information Collected

We decided to limit our initial collection of information to total budget figures. We plan to provide additional information on the preparation of detailed requirements based budgets in future work. We defined and collected the budget information for the following elements:

- ◆ Required budget. This figure includes the salary of personnel listed as required in the manpower data and all of the costs associated with the operation of a fully functional program. Table 3-2 lists the most important of these operating costs.
- ◆ Requested budget. The total budget (manpower and operating costs) submitted by the IHPM to the Chief of Preventive Medicine or his supervisor.
- ◆ Authorized budget. The budget given to the IHPM to manage by the Chief of Preventive Medicine or his supervisor.
- ◆ Execution. The costs that were tracked in AMSCO 847705.41 by the resource managers.
- ◆ Shortfall. The difference between the required budget and the executed budget.

Initial Assumptions

- ◆ We know that only a few of the program managers submit requirements based budgets, therefore, we made assumptions for manpower and program operating costs and used these assumed values when the program managers did not provide requirements based budget figures. This also

enabled us to standardize the cost figures in the budget process. We made the following initial assumptions:

- ◆ Industrial hygiene technician salary. We assumed an average grade of GS -7 and a salary plus benefits figure of \$50,000.
- ◆ Clerical person salary. We assumed an average grade of GS-4 and a salary plus benefits figure of \$30,000.
- ◆ Annual program operating costs. We considered all of the costs associated with the factors listed in Table 3-2 and assumed an average cost of \$50,000 per program.

We believe that this approach will provide the initial data the Army leaders will need to form the basis of a realistic requirements based program operating budget. These assumptions can be modified in the future if needed and hopefully will be replaced by true requirements based budget figures for each installation program.

Indicators Based on Cost Savings

SELECTED INDICATOR

The initial indicator selected is the reduction in medical surveillance requirements. Other indicators will be developed and included in the status report as it matures.

RATIONALE

Cost savings is a critical indicator of program performance in today's fiscally conscious environment. IH is viewed as an added cost program with no quantifiable "deliverables." Capturing the cost savings and cost avoidance can show the contributions of the program to the installation and its mission. The Army IHP must expand its capabilities to quantify the cost savings that are associated with all aspects of the program.

Chapter 4

DEVELOPING THE CRITERIA AND SCORING AND CODING THE PROGRAMS

Rationale

Through the IH installation status report, we can identify installation program needs and target assistance to those individual installation programs that need help on a worst-first basis. To facilitate this targeting, we must develop a system to score and then rank the programs. This system must convert subjective (but not arbitrary) interpretations of the data presented in each section of the Installation IH Status Report to a numerical score and ultimately produce a meaningful classification (green, yellow, and red) and ranking of installation IHP.

The Problems/Support section of the status report will not be used in scoring and coding. This section of the report will be used to set support service priorities and track the progress of the services provided. We will code the information presented in this section of the status to facilitate analysis of the types of support services installations need most. This coding system is presented in Appendix A.

Overview of the Scoring System

The scoring system does not have to be complex or achieve fine discrimination among programs because the intent of the system is to identify those programs that need assistance and provide that assistance on a worst-first basis. Programs will be assigned a status code of green (good), yellow (improvement needed), or red (deficient). Within each of the program status codes, the programs will be ranked so that support services and other assistance can be targeted toward the greatest needs. We used the following approach to develop the scoring and coding system.

- ◆ We developed criteria for evaluating each indicator and each section of the proposed Installation IH Status Report.
- ◆ We assigned numerical scores to all criteria in each section of the report, totaled the scores in each section, and assigned a status code to the range of scores. Status codes were assigned numerical scores of three (green), two (yellow), and one (red).

- ◆ We assigned status codes to each section of the report based upon the sum of the section's numerical scores.
- ◆ Weighting factors were assigned to each of the sections of the report.
- ◆ We summed the product of the section scores times their weighting factor to calculate the overall program score.
- ◆ We assigned the program status code based on the overall weighted program score.

Developing the Criteria and Scoring and Coding the Status Indicators for the Current HHIM Data

THE CRITERIA AND SCORES

The 14 indicators used to analyze the current HHIM data are presented in Chapter 3 and are shown along with their criteria and scores in Table 4-1.

Table 4-1. Current HHIM Data Indicators, Indicator Scores, and Criteria

Indicator	Score	Criteria
The number of operations coded RAC 1/2	3	Not more than 1 percent of the operations should fall in these codes.
	2	The number of operations coded RAC 1/2 is between 1 and 3 percent of the total operations.
	1	The number of operations coded RAC 1/2 exceed 3 percent of the total operations.
The number of RAC 1/2 operations evaluated and sampled	3	All RAC 1/2 operations were evaluated and sampled during the reporting period.
	2	Not applicable.
	1	Less than 90 percent of the RAC 1/2 operations were evaluated and sampled during the reporting period.
The number of operations coded RAC 3	3	The number of operations coded RAC 3 should be a large percentage of the total operations (approximately half). There must be a rational balance in the distribution of operations and their RAC codes.
	2	The number of operations coded RAC 3 does not approach half of the operations and appear to be out of balance.
	1	The number of operations coded RAC 3 is either a small percentage (< 30 percent) or a large percentage (>70 percent) of the total operations. The number of operations coded RAC 3 is far from the expected balance.

*Table 4-1. Current HHIM Data Indicators, Indicator Scores, and Criteria
(Continued)*

Indicator	Score	Criteria
The number of RAC 3 operations evaluated and sampled	3	More RAC 3 coded operations were evaluated and/or sampled than RAC 4/5 coded operations.
	2	Not applicable.
	1	Less RAC 3 coded operations were evaluated and/or sampled than RAC 4/5 operations.
The number of operations coded RAC 4/5	3	The number of operations coded RAC 4/5 should be the largest percentage of the total operations, normally greater than half of the total. The number of operations must be in a rational balance with the other coded operations.
	2	The number of operations coded RAC 4/5 does not constitute the majority of operations and appear to be out of balance with the operation.
	1	The number of RAC 4/5 operations is a small percentage of the total operations and is clearly out of balance.
The number of RAC 4/5 operations evaluated and sampled	3	Fewer RAC 4/5 coded operations were evaluated and/or sampled than RAC 3 coded operations.
	2	Not applicable.
	1	More RAC 4/5 coded operations were evaluated and/or sampled than RAC 3 coded operations.
The number of operations coded RAC 0	3	The number of operations coded RAC 0 should be small, less than 1 percent of the total operations.
	2	The number of operations coded RAC 0 is between 1 and 5 percent of the total operations.
	1	The number of operations coded RAC 0 is greater than 5 percent of the total operations.
The number of RAC 0 operations evaluated and sampled	3	Nearly all (95 percent) of the operations coded RAC 0 should be both evaluated and sampled.
	2	Between 80 and 95 percent of the operations coded RAC 0 have been both evaluated and sampled.
	1	Less than 80 percent of the operations coded RAC 0 were evaluated and sampled.
The number of administrative operations evaluated	3	The number of administrative operations evaluated represents less than 10 percent of the total operations evaluated.
	2	The number of administrative operations evaluated is between 10 and 25 percent of the total operations evaluated.
	1	The number of administrative operations evaluated is more than 25 percent of the total operations evaluated.

*Table 4-1. Current HHIM Data Indicators, Indicator Scores, and Criteria
(Continued)*

Indicator	Score	Criteria
The number of industrial operations evaluated	3	The number of industrial operations evaluated is between 75 and 90 percent of the total operations evaluated.
	2	The number of industrial operations evaluated represents at least 90 percent of the total operations evaluated.
	1	The number of industrial operations evaluated is less than 75 percent of the total operations evaluated.
The number of operations producing exposures > the AL	3	Less than 1 percent of the operations produce exposures greater than the action level.
	2	Between 1 percent and 3 percent of the total operations produce exposures greater than the action level.
	1	Greater than 3 percent of the total operations produce exposures greater than the action level.
The number of operations producing exposures > the Std	3	No operations produce exposures greater than the standard.
	2	Less than 10 operations produce exposures greater than the standard.
	1	Greater than 10 operations produce exposures greater than the standard.
The number of operations for which RPE is required, required but not used, or used but not required	3	Less than 1 percent of the total operations require the use of RPE; in 95 percent of the operations for which RPE is required, it is properly used, and RPE is used in less than 1 percent of the operations for which it is not required.
	2	Between 1 and 3 percent of the total operations require the use of RPE; in 85 percent of the operations for which RPE is required, it is properly used, and RPE is used in less than 3 percent of the operations for which it is not required.
	1	Greater than 3 percent of the total operations require the use of RPE; less than 85 percent of the operations for which RPE is required use it properly, and RPE is used in greater than 3 percent of the operations for which it is not required.
The number of samples collected this period	3	The number of samples collected is greater than the number of RAC 1/2 coded operations and is reasonable based on the distribution of operations among the RACs.
	2	Not applicable.
	1	The number of samples collected is less than the number of RAC 1/2 coded operations and is not reasonable based on the distribution of operations among the RACs.

ASSIGNING THE CURRENT HHIM DATA STATUS CODES

We will use the criteria presented in Table 4-1 to score data from each installation. The scores for each indicator will be summed to obtain a total score for this section of the status report. This section of the status report will be assigned a code (green, yellow, or red) based upon the total score. Table 4-2 presents the range of scores assigned to each of the three status codes. The maximum possible initial section score is 39 (13 indicators times a maximum score of 3 for this initial report. Due to the arrangement of the standards data in the HHIM database, compliance with standards could not be determined quickly and is not scored in this initial report. We will report compliance with standards in future reports which would result in 14 indicators and a maximum possible score of 42 points.). We used 80 percent of the maximum initial score (31) for green (good), 60–80 percent of the maximum score (23–30) for yellow (needs improvement), and less than 60 percent of the maximum score (23) for red (deficient) to determine the range of scores associated with the each status code.

Table 4-2. Current HHIM Data Section Status Codes

Status codes	Initial section score	Future section score
Green	31 – 39	34 – 42
Yellow	23 – 30	25 – 33
Red	< 23	< 25

Developing the Criteria and Scoring and Coding the Status Indicators for the HHIM Data Trends

THE INDICATORS AND DESIRED TRENDS

Chapter 3 includes the list of the twelve selected indicators. The criteria developed for evaluating HHIM data trends is less precise than the criteria developed for evaluating the current HHIM data. Traditionally, data spread over several years are evaluated in terms of trends rather than absolute numbers. Therefore, for each of the indications, we have developed desired trends that would occur if the program were operating well. We then developed the criteria and scores to evaluate how well the data match the desired trends. Table 4-3 presents the indicators and the desired trend for each indicator.

Table 4-3. HHIM Trend Data Indicators and Their Desired Trends

Indicator	Desired trend
The number of operations and people potentially exposed	The number of operations and people potentially exposed at the operations should increase over time as more operations are evaluated and entered into the database. These numbers should begin to level off as programs mature and the majority of operations are entered into the database. A few installations may show a decline because of base closure and realignment activities.
The percentage of operations coded RAC 1/2	The percentage of operations coded RAC 1/2 should be small, e.g., < 1 percent. The percentage of operations coded RAC 1/2 should decline rapidly over time as programs mature and controls are implemented.
The percentage of operations coded RAC 3	The percentage of operations coded RAC 3 should initially increase as higher hazard operations are controlled. The percentage should then decrease as programs become more mature and controls on these operations are implemented.
The percentage of operations coded RAC 4/5	Operations coded RAC 4/5 should be the largest percentage of the total operations. The percentage should increase over time as controls are implemented.
The percentage of operations coded RAC 0	The number of operations coded RAC 0 may increase initially as operations are qualitatively evaluated for purposes of targeting sampling efforts. Over time, the number of RAC 0 coded operations should decrease as sampling results are received and appropriate RAC codes are assigned.
The percentage of operations reevaluated in the next year	The percentage of operations followed up in the next year should decline until all of the operations are evaluated. This should have occurred at nearly all installations by now. Then the percentage should begin to increase. Most importantly, the percentage should represent a reasonable portion of the total operations. Percentages less than 30 indicate that adequate follow up evaluation is not being performed.
The percentage of operations evaluated	The percentage of operations evaluated should increase each year as the program matures. In the more mature programs the percentage of operations evaluated should exceed 35 percent each year.
The percentage of operations sampled	The percentage of operations sampled should increase each year until nearly all of the operations have been sampled. At a minimum, the number of operations sampled should exceed the number of RAC 1/2 coded operations and should include the majority of RAC 3 coded operations.
The percentage of operations producing exposures > AL	The percentage of operations producing exposures greater than the AL should decline over time. In addition, the number of operations producing exposures in excess of the AL should be low, less than 1 percent of the total operations.
The percentage of operations producing exposures > Stds	The percentage of operations producing exposures greater than the standard should decline over time. In addition, the number of operations producing exposures in excess of the standard should be low, ideally zero.

Table 4-3. HHIM Trend Data Indicators and Their Desired Trends (Continued)

Indicator	Desired trend
The percentage of operations requiring RPE, percentage requiring RPE for which RPE is not used, percentage for which RPE is used but not required	The percentage of operations requiring the use of RPE, operations for which RPE is required and not used, and operations for which RPE is used but not required should all decline over time. The percentage of operations requiring the use of RPE should be low, less than 1 percent. The percentage of operations for which RPE is required and not used should also be low, certainly less than 5 percent. The percentage of operations for which RPE is used but not required should also be low, less than 1 percent.
The number of samples collected to date	Initially, the number of samples collected should exceed the number of RAC 1/2 coded operations. Over time, the number of samples collected should exceed the number of RAC 1/2 and RAC 3 coded operations. In mature programs, the number of samples collected should exceed the total number of operations that exist.

SCORES AND CRITERIA

Table 4-4 presents the criteria and scoring system that will be used to evaluate the data. This system will use the desired trends for each of the twelve selected indicators.

Table 4-4. Scoring the HHIM Data Trend Criteria

Score	Criteria
3	The data match the desired trend.
2	The data approximate the desired trend and are positive.
1	The data deviate from the desired trend and are negative.

ASSIGNING THE HHIM TREND DATA STATUS CODES

Table 4-5 presents the range of scores assigned to each of the status codes. This section has 12 indicators, and we used the desired trends presented in Table 4-3 and the scores and criteria presented in Table 4-4 to score each of the indicators. This system results in a maximum possible section score of 33 (11 indicators times a maximum score of 3 for this initial report). Compliance with standards could not be determined due to data configuration problems. Compliance with standards will be reported in future reports when there will be a total of 12 indicators for this section of the report. We used percentages of the maximum possible score to determine the range of scores associated with the section status code. Scores within 80 percent of the maximum possible were coded green, scores between 60 percent and 80 percent of the total were coded yellow, and scores less than 60 percent of the total were coded red. These are the same percentages that were used in assigning status codes to all section scores.

Table 4-5. HHIM Trend Data Section Status Codes

Status code	Initial section score	Future section score
Green	26 – 33	29 – 36
Yellow	20 – 26	22 – 28
Red	< 20	<22

Developing the Criteria and Scoring and Coding the Program Management Status Indicators

THE INDICATORS, CODES, SCORES, AND CRITERIA

Each of the 14 program management indicators, their criteria, the criteria scoring system, and the coding system are presented in Table 4-6. Each of the indicators is scored and coded individually in this section of the status report so that the details of each specific management area can be retained for possible targeted management assistance or training.

Table 4-6. Scoring and Coding the Program Management Data

Indicator	Score	Status	Criteria
Program document	3	Green	The program document meets the criteria established in Department of the Army pamphlet (DA PAM) 40-503, current MEDCOM guidance, and includes mission, goals, objectives, and actions as well as the essential program standard operating procedures and other implementing documents.
	2	Yellow	The program document does not meet the criteria established in DA PAM 40-503 and current MEDCOM guidance. Deficiencies exist in the goals, objectives, actions, essential program standard operating procedures, and implementing documents.
	1	Red	The program document is either nonexistent, has not been updated in years, or does not contain the majority of the criteria listed in DA PAM 40-503 and MEDCOM guidance.
HHIM	3	Green	The HHIM is current and complete and is used as a primary program management tool. The HHIM data entry form information is complete and all data are entered in the HHIM and include sampling and other analytical data.
	2	Yellow	The HHIM is not current and complete. HHIM data are not entered when collected and lag behind collection by as much as three months. The HHIM is still used as a program management tool to set priorities for services.
	1	Red	The HHIM is not used as a program management tool. Survey data are not entered into the HHIM, and the HHIM is not used to develop the IHIP or set priorities for services.

Table 4-6. Scoring and Coding the Program Management Data (Continued)

Indicator	Score	Status	Criteria
IHIP	3	Green	The IHIP meets the criteria established in DA PAM 40-503, Appendix G, and MEDCOM guidance; is current; and is prepared based upon current HHIM data. Highest risk operations are targeted for evaluation on a worst-first priority.
	2	Yellow	The IHIP does not meet the criteria established in DA PAM 40-503, Appendix G and current MEDCOM guidance; is not current; or is not used effectively to set work priorities.
	1	Red	The IHIP does not exist; is not developed from current HHIM data; or does not meet the criteria established in DA PAM 40-503, Appendix G, and current MEDCOM guidance.
EPC	3	Green	EPC codes are assigned to the hazards in the HHIM. Coordination is accomplished with occupational medicine physicians to ensure their use and understanding of the EPC.
	2	Yellow	EPC codes are assigned to hazards but no further coordination with occupational medicine physicians is accomplished.
	1	Red	The EPC code is not assigned because specific hazards are not assigned or the HHIM is not used.
Compliance with HHIM data calls	3	Green	Current and complete HHIM data are provided as requested.
	2	Yellow	Data submitted for data-call compliance are not current. They lag behind collection by greater than three months.
	1	Red	Data for the data-call year are missing or the data-call request was ignored.
Record-keeping	3	Green	The HHIM is used as the primary system for maintaining workplace exposure assessment, personal exposure, and equipment and calibration records. A hard-copy record-keeping system compliments the HHIM system.
	2	Yellow	The HHIM is not used as the primary system for maintaining workplace exposure assessment, personal exposure, and equipment and calibration records. A hard-copy system is used as the primary system for maintaining records.
	1	Red	Recordkeeping is inadequate. The HHIM is not used to maintain records and the complimentary hard-copy system is incomplete or nonexistent.
Time-keeping	3	Green	The IHPM has implemented a time accounting system with which time is tracked to specific projects and activities. The system is used as a program management tool to target time to priority program actions.
	2	Yellow	The IHPM has implemented a time accounting system, but that system is not fully developed. The system cannot be used effectively as a program management tool to verify time spent on priority projects and activities.
	1	Red	The IHPM has not implemented a time accounting system or a system that serves as a program management tool.

Table 4-6. Scoring and Coding the Program Management Data (Continued)

Indicator	Score	Status	Criteria
Follow-up	3	Green	Written follow-up procedures include a system to track the status of IH recommendations. (Do they exist and are they used?)
	2	Yellow	No formal procedures to follow-up on IH recommendations are in place. Follow-up is accomplished but not well documented.
	1	Red	Follow-up efforts are minimal and not documented.
Installation Hazard Abatement Plan	3	Green	The IHPM has a process in place that tracks the status of projects entered into the plan based on health-driven RACs. The status of projects is reported at least quarterly to installation decision makers (OSHA committee, Chief of Staff, Director department of public works, etc).
	2	Yellow	The IHPM has a process in place to track the status of projects entered into the plan, but this process is not fully developed. The status of projects is not fully known and is not fully reported to installation decision makers.
	1	Red	The IHPM does not have a process in place to track the status of projects entered into the plan. Project status is not reported to installation decision makers.
Staff training	3	Green	The IHPM has a comprehensive individual development plan (IDP) in place that is modeled after the Army civilian training, education and development (ACTED) training plan. The program budget includes requests for adequate training funds for the entire staff.
	2	Yellow	The IHPM has developed an IDP, but the plan is not a multiyear plan and does not follow the guidance provided in the ACTEDs training plan. Funding requested in the budget is not adequate to meet the staff training needs.
	1	Red	The training plan is nonexistent. Funding to support needed staff training has not been included in the program budget.
Staff credentialing and privileging	3	Green	A formal, written credentialing and privileging plan exists. The training required to accomplish a specific task is provided, and a testing system is in place to verify proficiency before staff personnel can perform specific IH tasks.
	2	Yellow	An informal credentialing and privileging plan exists. The training required to accomplish specific tasks is provided, and a testing system is in place to verify proficiency before staff personnel can perform specific IH tasks.
	1	Red	A Credentialing and privileging plan does not exist.

Table 4-6. Scoring and Coding the Program Management Data (Continued)

Indicator	Score	Status	Criteria
Facilities	3	Green	The facilities, administrative and laboratory, provided to the IHPM meet program requirements. The facilities are sufficient in size, type, and condition to promote effective program implementation.
	2	Yellow	The facilities provided are marginally adequate to meet program requirements.
	1	Red	The facilities provided are not adequate to meet program needs. The laboratory facilities do not provide for secure storage, maintenance, and calibration of mission critical equipment.
Equipment	3	Green	The available equipment meets the program needs both in terms of type and quantity. Appendix F, DA PAM 503, includes an excellent basic list of equipment suggested for all installations. Equipment is calibrated and maintained and records are properly maintained in the HHIM.
	2	Yellow	Most of the equipment is available to meet the mission requirements. Equipment is calibrated and maintained and records are kept. The HHIM is not used to maintain calibration and maintenance records. The equipment management program needs improvement.
	1	Red	The equipment is not sufficient to meet program requirements. The equipment is not properly calibrated or maintained and the records are not maintained in the HHIM.
Internal audits	3	Green	The IHP performs annual internal audits. The guidelines established in technical guide (TG) 165 are followed, and program strengths and weakness are identified. Plans are put in place to improve the weaknesses, and support services are requested based upon the weaknesses identified.
	2	Yellow	An internal audit program exists but is not comprehensive and does not follow the guidance provided in TG 165. Some program weaknesses are identified and corrected as a result of the audits.
	1	Red	Internal audits are not performed.

THE PROGRAM MANAGEMENT STATUS CODES

To determine the status code for the program management section of the report, we summed the scores assigned to each of the fourteen indicators and determined the overall section status code based on this total score. Table 4-7 shows the range of scores assigned to each status code. We used the previously discussed percentage of the total score to establish the ranges.

Table 4-7. Program Management Section Status Codes

Status code	Total score
Green	34 – 42
Yellow	25 – 33
Red	<25

Developing the Criteria and Scoring and Coding for the Support Provided to Installation Programs

THE CRITERIA, SCORES, AND CODES

In Chapter 3, we discussed the ten most important installation programs supported by the IHP. The criteria, scores, and code assigned to each of the ten programs is presented in Table 4-8. Each of the indicators (installation programs supported) is coded so that individual program status can be determined and evaluated not only at the installation level but across the HSSAs and Army.

Table 4-8. The Criteria, Scores, and Codes for Installation Programs Supported

Indicator	Score	Code	Criteria
Response to complaints	3	Green	The IHPM has a written or otherwise formal process in place to manage the program's responses to complaints about potential work-site health hazards. This process should 1) be summarized in a written policy document, 2) describe the process for prioritizing the response into the program workplan, and 3) be understood by all members of the IHP and the installation customers supported.
	2	Yellow	The IHPM has an informal process in place to manage the program's responses to complaints about potential worksite health hazards. The process does not routinely allow prioritizing of the response in the program workplan or may not be fully understood by all members of the IHP and the customers.
	1	Red	The IHPM does not have a plan in place to manage the response to complaints about potential worksite health hazards. The majority of the response is provided on as a received basis.

Table 4-8. The Criteria, Scores, and Codes for Installation Programs Supported (Continued)

Indicator	Score	Code	Criteria
The Occupational Health Program	3	Green	The IHPM has a written or formal process in place to provide IH support to the OHP. This support should include: 1) providing worksite assessment data to the OHP physicians/nurses by recording current data in the HHIM, 2) working closely with the OHP personnel to control worksite exposures based on the results of medical surveillance, 3) targeting worksites producing high illness and injury rates for evaluation, and 4) conducting joint worksite evaluations with OHP personnel.
	2	Yellow	The IHPM has an informal program in place to provide support to the OHP. The support provided does not fully meet all of the criteria listed; one or two of the criteria are not fully met.
	1	Red	The IHPM does not have a program in place to provide support to the OHP. Two or more of the criteria listed are not met.
The Hazard Communication Program	3	Green	The IHPM has a written or formal process in place to provide IH input to the installation hazard communication program. This process should include 1) providing chemical exposure data from workplace assessments to supervisors and installation safety personnel, 2) training supervisors and occasionally workers in the health hazards associated with their job, 3) providing train-the-trainer instruction to supervisors, and 4) reviewing MSDSs for locally procured items.
	2	Yellow	The installation hazard communication program provides IH support, but this support is not fully developed. One of the criteria listed above is not accomplished adequately.
	1	Red	IH support is not effectively provided to the installation hazard communication program. Two or more of the criteria elements are not adequately accomplished.
The Civilian Resource Conservation Program	3	Green	The IHPM has a written or formal process in place to provide IH support to the installation CRCP. This process should include: 1) providing worksite assessment information to the claims review board on request and 2) performing worksite evaluations in support of the claims review board.
	2	Yellow	The IH support provided to the installation CRCP is not fully developed.
	1	Red	IH support is not effectively provided to the installation CRCP.

Table 4-8. The Criteria, Scores, and Codes for Installation Programs Supported (Continued)

Indicator	Score	Code	Criteria
The Respiratory Protection Program	3	Green	The IHPM has a written or formal process in place to provide IH support to the installation Respiratory Protection Program. This process should provide for 1) evaluating workplaces to determine the need for respiratory protection; 2) assessing the adequacy of the respiratory protection provided; 3) training the installation respiratory protection specialist/technicians; and 4) providing technical advice on all aspects of the respiratory protection program with emphasis on the capabilities and limitations of respirators, the criteria for selection of respirators, and the use and care of respirators.
	2	Yellow	The IH support provided is not fully developed. One of the criteria elements is not adequately accomplished.
	1	Red	IH support is not effectively provided to the installation respiratory protection program. More than one of the criteria elements is not adequately accomplished.
The Personal Protective Equipment Program	3	Green	The IHPM has a written or formal process in place to provide IH support to the Confined Space Entry Program. The support provided should concentrate on the medical aspects of the four key PPE Program elements. These program elements include: 1) conducting the job safety analysis, 2) selecting PPE based on the hazards identified, 3) training the workers in the proper use and care of the PPE, and 4) maintaining an inventory and keeping records regarding the PPE that is used.
	2	Yellow	IH support is provided to the PPE Program, but this support is not fully developed. One of the criteria elements listed above is not adequately accomplished.
	1	Red	IH support is not effectively provided to the PPE Program. Two or more of the criteria elements are not adequately accomplished.
Design Review Program	3	Green	The IHPM has a written or formal process in place to provide IH input to the review of plans and specifications. This process should 1) be established in a memorandum of understanding with the installation engineers, 2) facilitate IH input to all phases of the planning process, and 3) require IH input and approval of all construction plans and specifications.
	2	Yellow	The IH support of the Design Review Program is not fully developed. One or more of the criteria elements is not adequately implemented.
	1	Red	Effective IH support is not provided to the Design Review Program. More than one of the criteria elements is not adequately implemented.

Table 4-8. The Criteria, Scores, and Codes for Installation Programs Supported (Continued)

Indicator	Score	Code	Criteria
The Ergonomics Program	3	Green	The IHPM has a written or formal process in place to provide IH support to the Ergonomics Program. This process should 1) integrate ergonomic considerations into all worksite evaluations, 2) help the installation ergonomics officer resolve ergonomic problems, 3) maintain records of identified ergonomic hazards in the HHIM and provide these records to the ergonomics committee, 4) provide ergonomics training to the workforce, and 5) serve as a member of the installation ergonomics committee.
	2	Yellow	The IH support provided is not fully developed. One of the criteria elements is not adequately accomplished.
	1	Red	IH support is not effectively provided to the Ergonomics Program. More than one of the criteria elements is not adequately accomplished.
The Biological Hazards Control Program	3	Green	The IHPM has a written or formal process in place to provide IH support to the Biological Hazards Control Program. The support provided should include: 1) technical input to the development of hazard control plans, 2) performance of hazard assessments, 3) recommending controls and the use of PPE, and 4) providing supervisor and worker training that emphasizes the hazards and appropriate controls.
	2	Yellow	IH support is provided to the Biological Hazards Control Program, but this support is not fully developed. One of the criteria elements listed above are not adequately accomplished.
	1	Red	IH support is not effectively provided to the Biological Hazards Control Program. Two or more of the criteria elements are not adequately accomplished.
The Confined Space Entry Program	3	Green	The IHPM has a written or formal process in place to provide IH support to the Confined Space Entry Program. The support provided should include: 1) helping select RPE and protective clothing and equipment, 2) identifying confined spaces in the HHIM, 3) monitoring confined spaces upon request, 4) providing input to and reviewing the confined space entry program and permit system, and 5) providing the health component of the training for supervisors and workers.
	2	Yellow	IH support is provided to the Confined Space Entry Program, but this support is not fully developed. One of the criteria elements listed above is not adequately accomplished.
	1	Red	IH support is not effectively provided to the Confined Space Entry Program. Two or more of the criteria elements are not adequately accomplished.

ASSIGNING THE INSTALLATION PROGRAMS SUPPORTED STATUS CODE

The status code for this section of the report is determined by summing the scores assigned to each of the ten indicators (the programs supported) and determining the overall section status code based upon this total score. Table 4-9 shows the range of scores assigned to each status code. We used the previously discussed

percentage of the total score (80 percent = green, 60 percent = yellow, and < 60 percent = red) to establish the ranges.

Table 4-9. Support Provided to Installation Programs Section Status Codes

Status code	Total scores
Green	24 – 30
Yellow	18 – 23
Red	<18

Developing the Criteria and Scoring and Coding the Manpower Status Indicator

The criteria are based upon the differences between the number and distribution people currently on the staff compared to the number authorized (based on the latest manpower survey) and the number of people the program manager believes are needed to run a good program. The manpower indicator is scored and coded as follows. Three points are awarded if the staffing is equal to the required level (status code green), two points are awarded if the staffing equals authorizations (status code yellow), and one point is awarded if the staffing is below the authorized level (status code red).

Developing the Criteria and Scoring and Coding the Budget Status Indicators

Most installation IHPs have not participated in the budget process. Therefore, we will initially use a basic scoring and status coding system. The indicators and criteria will increase in complexity as the IHPMs become more involved in the budget process. The initial criteria are that a budget must be submitted to the Chief of Preventive Medicine or supervisor and expenditures must be monitored within AMSCO 847705.41. The budget indicator is scored and coded as follows. Three points will be awarded if detailed budget input is provided and expenditures are monitored within AMSCO 847705.41 (status code green); two points are awarded if a budget is submitted but expenditure monitoring is not performed, (status code yellow); and one point is awarded if no budget input or expenditure monitoring is accomplished (status code red).

Developing the Criteria and Scoring and Coding the Potential Cost Savings Status Indicators

When the indications have been clearly defined, we will develop this scoring system. The scoring will be based upon the total cost-savings attributed to the IHP. We plan to start by developing a cost-savings algorithm that will identify cost savings associated with reduced medical surveillance requirements as a result of workplace exposure assessments. Additional cost savings and algorithms for quantifying these savings will be developed as the status reporting system matures. This section of the status report will also be assigned a status code, green, yellow, and red based upon the indicator scores.

Assigning Weights to Each of the Report Sections

INTRODUCTION

The seven sections of the status report (current HHIM data, HHIM data trends, cost savings, program management, installation programs supported, manpower, and budget) are not of equal importance in determining program performance. Therefore, we developed weighting factors to account for the relative importance of the seven sections of the report in determining the overall installation program status.

DEVELOPING THE WEIGHTS

A panel of 10 experienced industrial hygienists were selected to develop the weights. This panel included an industrial hygienist from each HSSA, the MEDCOM industrial hygienist, Army Staff representatives, and representatives from the USACHPPM. The panel used a computer-generated pair-wise comparison methodology to assign weights. Using this methodology, we compared a section of the report to each of the other sections by creating pairs. Then each panel member selected the item in the pair he/she believed to be the most important and assigned the selected item a score from 0 to 4 depending on how much more important the selected item was than the item that was not selected. The end result is a weighting factor ranging from 100 percent for the most preferred (most important section according to the panel's preference) to the percentage score of the lowest preferred (least important section). The weighting factors, based on the panels preferences for each section of the report are shown in Table 4-10. An example pair-wise comparison worksheet is presented in Appendix B.

Table 4-10. Weights Assigned to the Report Sections

Sections of the IH Installation Status Report	Score	Weight
Program management	100.00	1.00
HHIM data trends	43.00	0.43
Installation programs supported	43.00	0.43
Current HHIM data	34.00	0.34
IH program budget	34.00	0.34
IH program manpower	27.00	0.27
Cost savings	24.00	0.24

Calculating the Program Scores and Coding the Programs

The program score is the sum of the normalized and then weighted section scores. Each of the section scores must be normalized to preclude those sections with more individually scored indicators from inappropriately influencing the total score. To normalize scores, we divided each section score by the total possible score for that section and then multiplied the resulting fraction by three. Three is the highest possible score for the manpower and budget sections of the report. In this way, each section of the report is based on a maximum score of three and contributes equally to the total score before applying the weighting factors. The formula for calculating the program score is

$$\text{Program Score} = \sum_1^6 [(Ssc)(Wtg)]$$

where: Wtg = the weighting factor for each section of the report, and

Ssc = the normalized score for each section of the report.

Using the range of scores presented in Table 4-11, the system converts the program score to a program status code. These ranges are based on percentages of the maximum program score. To determine the maximum program score, we multiplied the weighting factor for each section times three which is the maximum normalized score for each section. The sum of the seven weighted section scores is the maximum attainable program score. Programs with total weighted scores above 80 percent of the maximum program score were coded green; programs with scores between 60 percent and 80 percent were coded yellow; and programs with scores that are less than 60 percent of the maximum score were coded red.

Table 4-11. Program Status Codes Based on the Final Weighted Program Score

Program status	Final weighted program score
Green	7.3 – 9.2
Yellow	4.4 – 7.2
Red	< 4.4

The cost savings section of the status report was not scored in this initial status reporting effort. Therefore, the maximum possible score was reduced from 9.2 to 8.4. We will use the previously established percentages of the maximum interim weighted program score to determine program status codes for this initial reporting effort. Table 4-12 presents the program status codes and interim total program scores.

Table 4-12. Program Status Codes Based on the Interim Weighted Program Score

Program status	Interim weighted program score
Green	6.7 – 8.4
Yellow	4.0 – 6.6
Red	< 4.0

Chapter 5

THE PROPOSED INDUSTRIAL HYGIENE STATUS REPORTS

Overview

We have developed a prototype status reporting system that consists of four individual reports, each targeted to a different management level (installation, HSSA, MEDCOM, and Army staff). The reporting system is a database application that uses Microsoft's database program Access. We obtained the data from an analysis of information in the HHIM database and telephonic interviews with installation IHPMs. We entered the data into the Access database and developed the application to produce the status reports. The prototype application is fully functional, can be transmitted electronically to users, and can be used on any of the IBM computers used throughout the Army IHP. Appendix C contains a brief description of the database application, provides copies of the database screens from the Access application, and discusses the options available to the user.

The status reports present information in the five key areas of workload, work accomplished, program management, manpower, and budget. In the future, the reports will also provide cost-savings data. Each of the reports is based on the information provided in the individual installation status reports. The installation status report is based on an analysis of the selected indicators grouped into the seven major categories discussed in Chapter 3. The report also includes information on the problem areas and assistance needed at the installation, scheduled support services, administrative information, and a section for program manager comments.

We intend to test this reporting system for approximately one year, make needed revisions, and operate the system for another year. At that time, the decision will be made either to continue to operate and improve the prototype or to integrate the status reporting system into the existing HHIM. The long-range goal is to make status reporting an integral part of the installation-based HHIM. In this way, the reporting system will function as a bottoms up report, prepared by the operators for their supporting activities and commands.

The Proposed Installation IH Status Report

This report consists of a one page summary report and 14 additional tables and graphs that present the data in the categories of workload, accomplishments, program management, manpower, and budget. The one page summary presents the overall program status rating and scores and codes for each indicator or group of indicators in each of the seven major categories. The individual status reports are listed and described in Table 5-1. Appendix D presents an example of the installation status report (tables and graphs) using data from one installation. Appendix E presents the one page summary reports for all installation industrial hygiene programs.

Table 5-1. Description of the Available Status Reports

Report title	Description
Program Workload—Operations by RAC	This report is a summary of the number of operations on the installation. It lists the number of people potentially exposed to contaminants and divides the number of operations into their respective RAC categories.
Program Workload—People Potentially Exposed by RAC	This report shows the number of people potentially exposed to contaminants and the distribution of numbers of people in each of the RAC categories.
Program Workload—Operations Evaluated and Sampled	This report lists the number of operations, provides the distribution of these operations by RAC, and lists the number of operations in each of the RACs that were evaluated or sampled.
Program Workload—Exposures versus Standards	This report lists the number of operations that were evaluated and sampled. For those operations sampled, the number of operations producing exposures that exceed the action level or applicable standard are counted along with the number of people exposed at these operations.
Program Manpower Summary	This report presents the current staffing for IHs and IH technicians against the required and authorized staffing levels. Additional information on the professional certifications of CIH, CSP, IHIT, and COSHT are provided.
Program Budget	This report includes a comparison of the IH Program budget request with the amount authorized and the amount tracked in the AMSCO 847705.41.
Program Budget Elements	This report provides a detailed description of the budget submitted by the IHPM. It provides submission information in the elements of labor, equipment, training, contracts, travel, printing and reproduction, supplies, and administrative costs.
Program Status Code	This report provides an overall program evaluation score and code. It also includes a summary of the evaluation of the data on the program in each of the seven categories evaluated in the status report (current HHIM data, HHIM data trends, cost savings, program management, support to installation programs, manpower, and budget. A score and code is provided for each of these categories as well as the overall program.

Note: CIH = certified industrial hygienist; CSP = certified safety professional; IHIT = industrial hygienist in training; COSHT = certified occupational health technologist.

Table 5-1. Description of the Available Status Reports (Continued)

Report title	Description
Program Management Status Scores	This report presents the score and code for each of the 13 indicators evaluated in this section of the report.
Current RPE Use	This report shows the number of operations requiring RPE, the number of operations for which RPE is required but not used, and the number of operations for which RPE is used but not required.
RPE Use Trends	This report shows the trends in RPE use over the last three years. It address the same three categories—operations requiring the use of RPE, those for which RPE is required but not used, and those for which RPE is used but not required.
Program Workload Trends—Operations by RAC	This report provides information on the distribution of the number of operations among the RAC codes and the number of people potentially exposed in each RAC code over the last three years.
Program Workload Trends—Operations Evaluated and Sampled	This report shows the distribution of the number of operations by RAC code and the number of operations in each code that was evaluated and sampled during each of the last three years.
Program Workload Trends—Exposures versus Standards	This report shows the number of operations, the people potentially exposed, the number of operations evaluated, and the number of operations sampled. It also shows the number of operations sampled that produced exposures in excess of the action levels and applicable standards.

Note: CIH = certified industrial hygienist; CSP = certified safety professional; IHIT = industrial hygienist in training; COSHT = certified occupational health technologist.

The Proposed HSSA Status Report

The HSSA status report is a summary of the information contained in the individual installation reports for installations in each HSSA. This report consists of a one page summary by HSSA and 15 individual reports. Each HSSA industrial hygienist will be able to access each of the subordinate activity installation status reports as well as the HSSA status report. The HSSA status report is a near mirror image of the installation report. The only minor change is in the presentation of the program status report. This report provides a comparison of the status of all HSSA installation programs by overall program status code. Additionally, the HSSA status report provides an average HSSA score for each of the seven major program status categories. Appendix F contains the report (tables and graphs) from one HSSA as an example.

The Proposed MEDCOM Status Report

The MEDCOM status report differs slightly from the installation and HSSA status reports. It is an Army-wide summary report that consists of a one-page summary report and 17 individual reports. The one-page summary report provides all of the status reporting information for the Army on one page. The individual reports are

similar to the installation and HSSA reports. Two new manpower reports break out the industrial hygienists and IH technicians in individual reports to facilitate review. The MEDCOM IH staff officer has access to all of the individual installation status reports as well as each of the HSSA status reports. Appendix G contains the report tables and graphs that make up the MEDCOM report.

The Proposed Army Status Report

The Army status report mirrors the MEDCOM status report. It consists of a one page summary of all Army IH activities and 15 individual reports. Army staff officers concerned with the Army IHP may have access to the entire database or just the summary information provided in the Army status report. An example report is provided in Appendix H.

Chapter 6

CONCLUSIONS AND RECOMMENDATIONS

The leadership of the U.S. Army's IHP is working effectively to implement programmatic changes to target resources and eliminate workplace hazards on a worst-first basis. Their recently developed program strategy and action plan provide the vision, goals, objectives for the program and identify the specific tasks required to meet the challenges of protecting today's Army work force. Developing a system to report and assess the status of IHPs at all command levels (installation, HSSA, MEDCOM, and Army) was one of the major program objectives. This report provides that status reporting system.

This prototype status reporting system is fully automated. We developed it as a Microsoft ACCESS database application that runs on the software and computer systems provided to all Army industrial hygienists. The status report focuses on the key indicators of program effectiveness. The report is divided into seven sections; the key indicators are grouped by subject area in each of the seven sections. Each indicator in each section of the report is scored, and these scores are summed to obtain a section score. Each section score is assigned a color code—green (good), yellow (needs improvement), and red (deficient). The section scores are also summed and weighted (based upon the relative importance of the sections to the overall assessment of program status), and an overall program score is calculated. These program scores are also converted to a color code of green, yellow, and red. Using this coding system, decision makers can assess program status in the key program areas quickly by looking at the color codes.

The status report also provides the information needed to assess program workload, accomplishments, management effectiveness, budget, manpower status, and required support throughout the command (installation, HSSA, MEDCOM, and Army staff). The scoring and coding system is particularly effective in providing program managers at all levels with the information required to perform detailed analysis of each individual indicator and section of the report. With this detailed analysis, program leaders at all command levels can target resources to eliminate hazards on a worst-first basis and document a wide range of program activities and accomplishments.

We plan to continue to improve this prototype in the coming year. First, we will analyze the data presented in the status report (1994 data). Based upon that analysis and user comments, we will make needed changes in the status report. We then plan to analyze the 1995 data, make appropriate comparisons to the current data,

and recommend programmatic actions to improve the program Army-wide. Our goal is to deliver the prototype to the Army IHP within the next year for inclusion in the existing Occupational Health Management Information System (OHMIS) where it will become an integral part of the HHIM.

We make the following recommendations:

- ◆ The Army provide the prototype status reporting system to the field as an ACCESS database application and in hard copy.
- ◆ IH personnel at all levels use and evaluate the prototype system over the next year and provide their suggestions for improvement.
- ◆ The Army integrate the prototype system into the OHMIS, specifically the HHIM, once field testing is complete.
- ◆ The Army use this status report to measure program improvements.
- ◆ The Army use this status report as the model in the development of status reporting and measurement systems for the other Army preventive medicine programs.

Appendix A

CODING PROBLEM AREAS AND SUPPORT SERVICES

A coding system is needed to categorize and facilitate tracking and analysis of problem areas identified through internal audits, external audits, status reports or by the industrial hygiene program manager. The codes are used to describe the problem area as well as the support services that are provided to help installation personnel resolve the problem. The codes are split into two sections. We derived the selected codes from a review of the major hazards cited in the health hazards information module (HHIM) data and from discussions with senior Army industrial hygienists. New codes can easily be added to the data structure as the need arises. The codes that address programmatic problems and their support services are presented in Table A-1. Table A-2 presents the codes used to identify technical problem areas and their associated support services.

Table A-1. Programmatic Problem Area and Support Service Codes

Program management support service or problem area description	Code
Program review	P-PR
Program document	P-PD
HHIM	P-HHIM
Industrial hygiene implementation plan	P-IHIP
Recordkeeping	P-RK
Timekeeping	P-TK
Installation hazard abatement plan	P-AP
Staff training	P-ST
Credentialing and privileging	P-CP
Equipment	P-EQ
Internal audits	P-IA
Manpower	P-IMP
Budget development and execution	P-BD
Cost savings	P-CS
Marketing	P-MK
Management assistance	P-MA
Hazard communication	P-HC
Respiratory protection	P-RP

Table A-1. Programmatic Problem Area and Support Service Codes (Continued)

Program management support service or problem area description	Code
Ergonomics	P-ER
Civilian resource conservation program	P-RC
Occupational health program	P-OH
Responding to complaints	P-RC
Design Review	P-DR
Indoor air quality	P-IA
Asbestos management	P-AS
Contract support	P-CS

Table A-2. Technical Problem Area and Support Service Codes

Technical support service or problem area description	Code
Ventilation systems	T-VS
Chemical surety	T-CS
Noise exposure	T-NE
Ergonomic hazards	T-EH
Design review	T-DR
Asbestos abatement	T-AA
Hazardous waste	T-HW
Medical waste	T-MW
Indoor air quality	T-IA
Lead-based paint	T-LP
Spray finishing	T-SF
Welding, cutting, and brazing	T-WC
Parts cleaning	T-PC
Firing ranges	T-FR
Machining parts	T-MP
Plating operations	T-PO
Vehicle testing	T-VT
Battery maintenance	T-BM
Waste anesthetic gas	T-WG
General healthcare	T-HC
Printing	T-PR
Munitions manufacturing	T-MM
Chemical surety	T-CS
Brake repair	T-BR
Biological operations	T-BO

Table A-2. Technical Problem Area and Support Service Codes (Continued)

Technical support service or problem area description	Code
Wood working operations	T-WW
Dental operations	T-DO
Munitions handling	T-MH
Photographic processing	T-PP
Nonionizing radiation	T-NI
Equipment calibration/use	T-EU
Lead hazards	T-LH
Special study	T-SS
Baseline inventory	T-BI
Respiratory protection	T-RP

Appendix B

AN EXAMPLE PAIRWISE COMPARISON WORKSHEET

An Example Pairwise Comparison Worksheet

An Example Pairwise Comparison Worksheet

Selection Worksheet for Installation Programs Supported by Industrial Hygiene

Your Name: _____

Pair	Left Choice	Left Score	Right Score	Right Choice
1	Occupational Medicine Program			Vision Conservation Program
2	Vision Conservation Program			Asbestos Management Program
3	Asbestos Management Program			BBP, TB, Chem. Hygiene Plan
4	BBP, TB, Chem. Hygiene Plan			Design Review Program
5	Design Review Program			Response to Complaints
6	Response to Complaints			SASOHI
7	SASOHI			Radiation Protection Program
8	Radiation Protection Program			Hearing Conservation Program
9	Hearing Conservation Program			Confined Space Entry Program
10	Confined Space Entry Program			PPE Program
11	PPE Program			Hazardous and Medical Wastes
12	Hazardous and Medical Wastes			Hazardous Communication Program
13	Hazardous Communication Program			Civ. Res. Conservation Program
14	Civ. Res. Conservation Program			Respiratory Protection Program
14	Respiratory Protection Program			Indoor Air Quality Program
16	Indoor Air Quality Program			Pest Management Program
17	Pest Management Program			Environmental Program
18	Environmental Program			Chemical Surety Program
19	Chemical Surety Program			Ergonomics Program
20	Ergonomics Program			Occupational Medicine Program
21	Vision Conservation Program			BBP, TB, Chem. Hygiene Plan
22	BBP, TB, Chem. Hygiene Plan			Response to Complaints
23	Response to Complaints			Radiation Protection Program
24	Radiation Protection Program			Confined Space Entry Program
25	Confined Space Entry Program			Hazardous and Medical Wastes
26	Hazardous and Medical Wastes			Civ. Res. Conservation Program
27	Civ. Res. Conservation Program			Indoor Air Quality Program
28	Indoor Air Quality Program			Environmental Program
29	Environmental Program			Ergonomics Program
30	Ergonomics Program			Vision Conservation Program
31	Vision Conservation Program			Response to Complaints

Note: BBP = blood-borne pathogens; TB = tuberculosis; chem = chemical; SASOHI = Standard Army Safety and Occupational Health Inspection; civ. res. = civilian resource; PPE = personal protection equipment.

Pair	Left Choice	Left Score	Right Score	Right Choice
32	Response to Complaints			Hearing Conservation Program
33	Hearing Conservation Program			Hazardous and Medical Wastes
34	Hazardous and Medical Wastes			Respiratory Protection Program
35	Respiratory Protection Program			Environmental Program
36	Environmental Program			Occupational Medicine Program
37	Occupational Medicine Program			Radiation Protection Program
38	Radiation Protection Program			Hazardous and Medical Wastes
39	Hazardous and Medical Wastes			Indoor Air Quality Program
40	Indoor Air Quality Program			Ergonomics Program
41	Ergonomics Program			BBP, TB, Chem. Hygiene Plan
42	Occupational Medicine Program			Asbestos Management Program
43	Asbestos Management Program			Design Review Program
44	Design Review Program			SASOHI
45	SASOHI			Hearing Conservation Program
46	Hearing Conservation Program			PPE Program
47	PPE Program			Hazard Communication Program
48	Hazard Communication Program			Respiratory Protection Program
49	Respiratory Protection Program			Pest Management Program
50	Pest Management Program			Chemical Surety Program
51	Chemical Surety Program			Occupational Medicine Program
52	Occupational Medicine Program			Design Review Program
53	Design Review Program			Radiation Protection Program
54	Radiation Protection Program			PPE Program
55	PPE Program			Civ. Res. Conservation Program
56	Civ. Res. Conservation Program			Pest Management
57	Pest Management			Ergonomics Program
58	Ergonomics Program			Asbestos Management Program
59	Asbestos Management Program			SASOHI
60	SASOHI			PPE Program
61	PPE Program			Respiratory Protection Program
62	Respiratory Protection Program			Chemical Surety Program
63	Chemical Surety Program			Asbestos Management Program
64	Asbestos Management Program			BBP, TB, Chem. Hygiene Plan
65	BBP, TB, Chem. Hygiene Plan			SASOHI
66	SASOHI			Confined Space Entry Program
67	Confined Space Entry Program			Hazard Communication Program
68	Hazard Communication Program			Indoor Air Quality

Note: BBP = blood-borne pathogens; TB = tuberculosis; chem = chemical; SASOHI = Standard Army Safety and Occupational Health Inspection; civ. res. = civilian resource; PPE = personal protection equipment.

An Example Pairwise Comparison Worksheet

Pair	Left Choice	Left Score	Right Score	Right Choice
69	Indoor Air Quality			Chemical Surety Program
70	Chemical Surety Program			Vision Conservation Program
71	Vision Conservation Program			Response to Complaints
72	Response to Complaints			Confined Space Entry Program
73	Confined Space Entry Program			Civ. Res. Conservation Program
74	Civ. Res. Conservation Program			Environmental Program
75	Environmental Program			Vision Conservation Program
76	Vision Conservation Program			Design Review Program
77	Design Review Program			Hearing Conservation Program
78	Hearing Conservation Program			Hazard Communication Program
79	Hazard Communication Program			Pest Management Program
80	Pest Management Program			Occupational Medicine Program

Note: BBP = blood-borne pathogens; TB = tuberculosis; chem = chemical; SASOHI = Standard Army Safety and Occupational Health Inspection; civ. res. = civilian resource; PPE = personal protection equipment.

Appendix C

AN OVERVIEW OF THE ACCESS DATABASE APPLICATION

The Application

OVERVIEW

The prototype application presents the user with a series of dialogue boxes with which the user can proceed through the database application and select the specific status report and information desired. In addition to selecting the reports that are preprogrammed, the experienced user can enter the database window and have full use of all of the Access database program capabilities to conduct additional analyses of the data. The users, therefore, can develop their own unique applications to meet their specific needs.

USING THE APPLICATION

The Installation Status Report

At the application startup dialogue box, the user has four options as shown in Figure C-1. Most users will be concerned with looking at the status reports and graphs. The other dialogue box options, importing data and entering the database window, are provided for the more experienced Access application users. Clicking on the "Import Data" box executes a routine that makes importing data to the database more user friendly and clicking on the "Enter DB Window" box sends the user directly to the database program. When users click on the "Exit Access" box the system returns them to the windows applications menu.

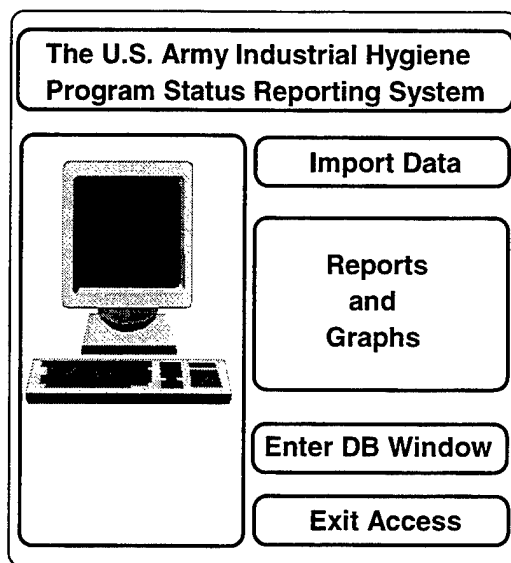


Figure C-1. Status Reporting Application Opening Dialogue Box

When the user selects the "Reports and Graphs" dialogue box, the user goes to the next screen, which presents the dialogue box shown in Figure C-2.

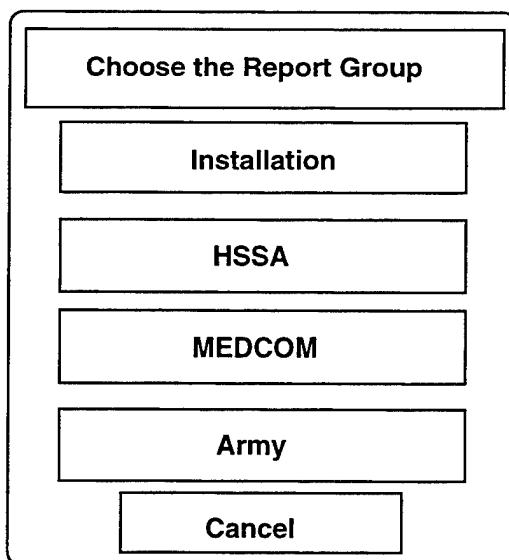


Figure C-2. The Report Selection Dialogue Box

The real process of selecting the desired status report begins with this dialogue box. With the first four options, the user can select the level of the status report desired. Selecting the desired level leads the user to the next series of dialogue screens. If the user selects the "Installation" dialogue box, the next dialogue box

provides options for viewing status reports on all installations in the database or specific installations that are selected. Figure C-3 illustrates the dialogue box that appears when the "Installation" dialogue box is selected.

Report on All Installations

Report on Selected Installation(s)

Cancel

Figure C-3. The Installation Selection Dialogue Box

If the user wants to see the reports and graphs for all installations, he/she selects the "Report on All Installations" dialogue box. The database application then displays the dialogue box for the next screen, and the user can select the individual report or graph of the report information that is desired for all installations. Figure C-4 presents this dialogue box.

Select the Installation Report/Graph

☐ Report ☐ Graph ☒ Report & Graph

- ☐ 1. OPR by RAC
- ☐ 2. Persons by RAC
- ☐ 3. OPR Evaluated/Sampled
- ☐ 4. Exposures Versus Standards
- ☐ 5. Manpower Summary
- ☐ 6. Program Budget
- ☐ 7. Budget Estimates
- ☐ 8. Program Status Codes
- ☐ 9. Program Management Status
- ☐ 10. Current RPE Use
- ☐ 11. RPE Use Trends
- ☐ 12. OPR by RAC Trends
- ☐ 13. OPR Evaluated and Sampled Trends
- ☐ 14. Exposures Versus Standards Trends
- ☐ 15. One Page Status Report

Print Preview Cancel

Figure C-4. Dialogue box for Selection of the Reports and Graphs Desired

Most often, the user will select a status report for a specific installation's status report. The user selects the "Report on Selected Installation(s)" dialogue box. The next dialogue box presents an alphabetical listing of installations. The user selects the installations for which status reports are desired. Figure C-5 presents a representation of this dialogue box.

Once the user has selected the installations for which status reports and graphs are desired, the system displays the next dialogue box, which is the same as the one shown in Figure C-4. The user then selects a report and graph from the list of 15 possible reports. The user can preview the reports or print them directly from the dialogue box.

Select Installation			
All	None	Cancel	Reports
Installations	HSSA	ARLOC	Your Choice
Aberdeen PG	North Atlantic	24004	☐
Anniston AD	Southwest	01035	☐
ARDEC at Picatinny	North Atlantic	34693	☐
ARL at Adelphi	North Atlantic	11381	☐
Aviation Troop Command	South Central	29802	☐

Figure C-5. Dialog Box for Selecting Specific Installations for Status Reports

The HSSA Status Report

The report selection process follows the sequence described above until the user reaches the Report Selection Dialogue Box. When the user selects the HSSA option, the system displays a dialogue box (Figure C-6) with which the user can select all HSSAs or a specific HSSA.

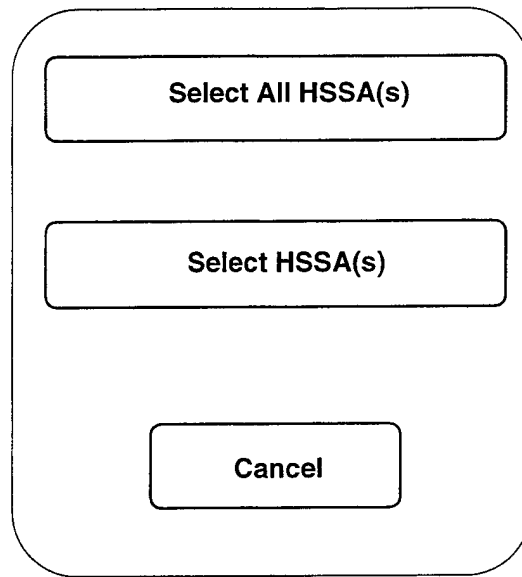


Figure C-6. HSSA Selection Dialogue Box

When the user selects the dialogue box "Select All HSSAs," the system displays a dialogue box that is identical to the one presented in Figure C-4, but this time the title reflects selection of HSSA reports and graphs rather than installation reports and graphs. The user can select any or all of the reports and graphs for all the HSSAs and preview them or print them directly from the dialogue box.

When the user selects the other option, "Select HSSA(s)," another dialogue box becomes available; and the user can select a specific HSSA, all HSSAs, or any combination of the HSSAs in the database. An example of this dialogue box is presented in Figure C-7.

The user places an "x" in the "Choose" dialogue box to select the HSSAs. Then the user selects the Reports dialogue box, and the system displays another screen from which the user can select the desired reports and graphs. This box looks much like the box presented in Figure C-4. The user can now display the specific report on the HSSA(s) selected. The reports can be viewed on the screen or printed.

The MEDCOM Status Report

This report selection process follows the processes described above. Beginning at the opening dialogue box (Figure C-1), the user selects "Reports and Graphs" and proceeds to the next dialogue box (Figure C-2) and selects the "MEDCOM" dialogue box. The system then displays the final dialogue box in this sequence with which the user can select any one of 17 different status reports. This box is similar to the box presented in Figure C-4. Again, the user can select any or all of the reports as reports or graphs. They can be viewed or printed.

Selecting the HSSA

All None Cancel Reports		
Number	HSSA	Choose
1	North Atlantic	☐
2	South Central	☐
3	Northwest	☐
4	Southwest	☐

Figure C-7. HSSA Selection Dialogue Box

The Army Status Report

This report selection process is exactly the same as that for the MEDCOM status report. The user moves through the dialogue boxes shown in Figures C-1 and C-2 and selects Army from the dialogue box in Figure C-2. The system displays the final dialogue box for the Army status report (See Figure C-4), and the user can select the specific Army-wide status reports from the list of reports provided. The reports and graphs can be viewed or printed.

Appendix D

AN EXAMPLE INSTALLATION STATUS REPORT

Overview

The installation status report consists of a one page summary report and 15 individual reports (tables and graphs) that array the most important indicator data in a manner that is easy to understand and interpret. Each of those reports is presented on the following pages.

Sample Installation Industrial Hygiene Program Status Report

DATE: 19~Jun-96

ARLOC: 00000										Occ. Risk Factor ORF1: 46 ORF2: 16 ORF Rank: 9									
Current Data Analysis (1994)										Installation Programs Supported									
IH Program Status										Program Management Analysis									
Program Management Analysis										Installation Programs Supported									
OPRs / Eval / Sampled / People	2445	/	780	/	12	/	14142			Green		Yellow		Red	Response to complaints	☐ Green	☒ Yellow	☐ Red	
RAC 1+2 OPRs / Eval / Sampled / People	9	/	3	/	0	/	15			Green		Yellow		Red	Occ. health prgm	☒ Green	☐ Yellow	☐ Red	
RAC 3 OPRs / Eval / Sampled / People	2193	/	717	/	3	/	29052			Green		Yellow		Red	Hazard communication prgm	☐ Green	☒ Yellow	☐ Red	
RAC 4+5 OPRs / Eval / Sampled / People	180	/	60	/	0	/	1992			Green		Yellow		Red	CRCP	☐ Green	☒ Yellow	☐ Red	
RAC 0 OPRs / Eval / Sampled / People	63	/	0	/	0	/	417			Green		Yellow		Red	Respiratory protection prgm	☒ Green	☐ Yellow	☐ Red	
Admin OPRs / Eval / Sampled / People	9	/	3	/	0	/	42			Green		Yellow		Red	Personal protective equip prgm	☐ Green	☐ Yellow	☒ Red	
Industrial OPRs / Eval / Sampled / People	2436	/	777	/	12	/	14100			Green		Yellow		Red	Design review prgm	☐ Green	☒ Yellow	☐ Red	
OPRs with exposure > AL					3					Green		Yellow		Red	Ergonomics prgm	☐ Green	☐ Yellow	☒ Red	
OPRs with exposure > std										Green		Yellow		Red	Biological hazard control prgm	☐ Green	☒ Yellow	☐ Red	
OPRs requiring RPE					90					Green		Yellow		Red	Confined space entry prgm	☒ Green	☐ Yellow	☐ Red	
OPRs RPE required but not used					0					Green		Yellow		Red	Prgms supported	☐ Green	☐ Yellow	☐ Red	
OPRs RPE used but not required					42					Green		Yellow		Red	Problems/Support	Code	Schedule	Comp	
OPRs sampled to date					36					Green		Yellow		Red					
Status current HHIM analysis	☐ Green	☒ Yellow	☐ Red	Score: 30						Green		Yellow		Red	Status prgm mgmt	☐ Green	☐ Yellow	☐ Red	
HHIM Data Trend Analysis										Manpower Analysis									
Indicator	1992		1993		1994					Required	Authorized	Current							
OPRs / People	1710 / 9063		2166 / 12447		2445 / 14142					2	1	1							
% OPRs coded RAC 1+2 / # OPRs	0 / 6		0 / 6		0 / 9					1	1	0							
% OPRs coded RAC 3 / # OPRs	88 / 1509		89 / 1938		90 / 2193					0	0	0							
% OPRs coded RAC 4+5 / # OPRs	8 / 138		7 / 159		7 / 180					N/A	N/A	0							
% OPRs coded RAC 0 / # OPRs	3 / 57		3 / 63		3 / 63					N/A	N/A	0							
% OPRs reeval next yr / # OPRs	23 / 399		23 / 498		17 / 411					N/A	N/A	0							
% OPRs evaluated / # OPRs	66 / 1131		49 / 1068		32 / 780					3	2	1							
% OPRs sampled / # OPRs	2 / 30		0 / 9		0 / 12					0	0	0							
% OPRs with exp > AL / # OPRs	1 / 9		0 / 0		0 / 3					0	0	0							
% OPRs with exp > std / # OPRs	/		/		/					0	0	0							
% OPRs requiring RPE / # OPRs	12 / 207		5 / 117		4 / 90					98	99	00	01	02					
% OPRs req RPE not used / # OPRs	2 / 27																		

Table D-1. Sample Installation IH Program Workload—Operations by RAC

Installation HSSA	Year	Total operations	People potentially exposed ^a	Number of RAC 1/2 operations	Number of RAC 3 operations	Number of RAC 4/5 operations	Number of RAC 0 operations
North Atlantic	1994	2,445	14,142	9	2,193	180	63

^a People potentially exposed includes all workers associated with the operations at the installations. Individuals may be counted more than once if they work at more than one operation.

Note: HSSA = health service support area.; RAC = risk assessment code; IH = industrial hygiene.

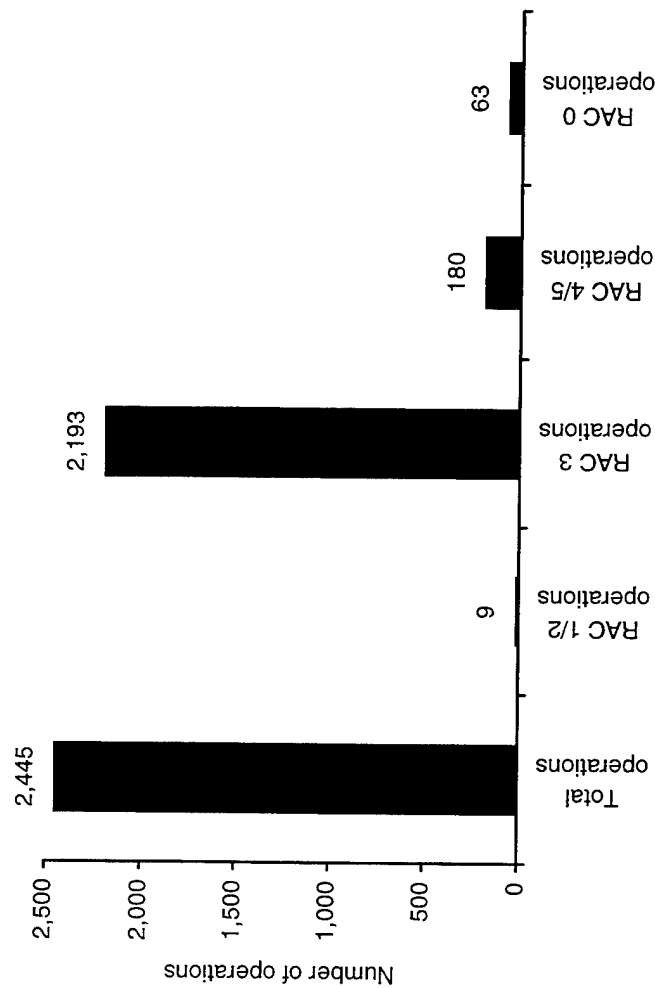


Figure D-1. Sample Installation IH Program Workload—Operations by RAC

Table D-2. Sample Installation IH Program Workload—People Potentially Exposed by RAC

Installation	Year	Total operations	People ^a pot. exp.	RAC 1/2 operations	People pot. exp.	RAC 3 operations	People pot. exp.	RAC 4/5 operations	People pot. exp.	RAC 0 operations	People pot. exp.
North Atlantic	1994	2,445	14,142	9	15	2,193	29,052	180	1,992	63	417

Note: pot. = potentially; exp. = exposed.

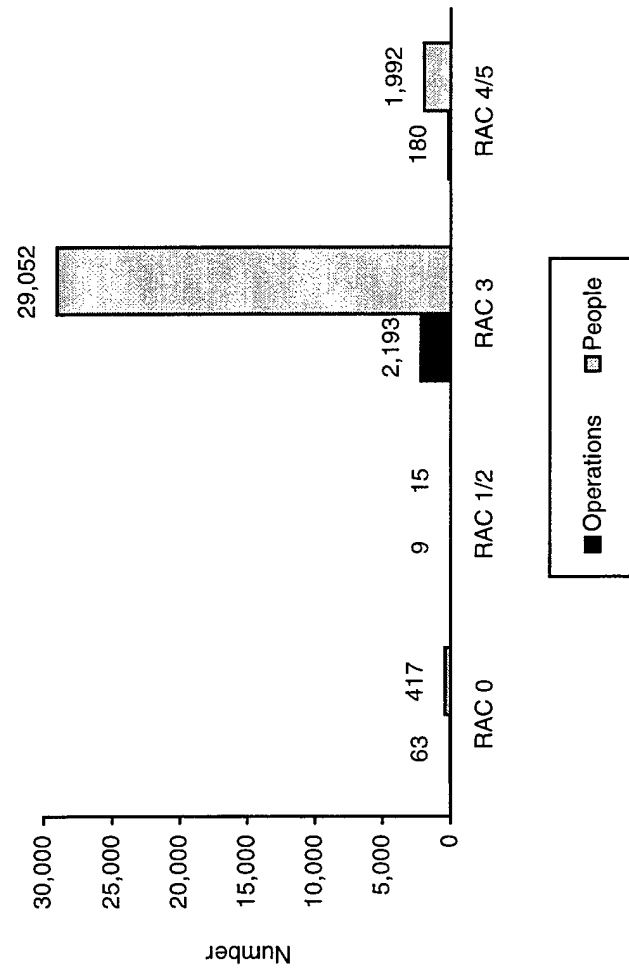


Figure D-2. Sample Installation IH Program Workload—People Potentially Exposed by RAC

Table D-3. Sample Installation IH Program Workload—Operations Evaluated and Sampled by RAC

Installation HSSA	Year	Total oprs.	People pot. exp.	RAC 0 oprs.	RAC 0 eval.	RAC 0 sampled	RAC 1/2 oprs.	RAC 1/2 eval.	RAC 1/2 sampled	RAC 3 oprs.	RAC 3 eval.	RAC 3 sampled	RAC 4/5 oprs.	RAC 4/5 eval.	RAC 4/5 sampled
North Atlantic	1994	2,445	14,142	63	0	0	9	3	0	2,193	717	3	180	60	0

Note: oprs. = operations, eval. = evaluated.

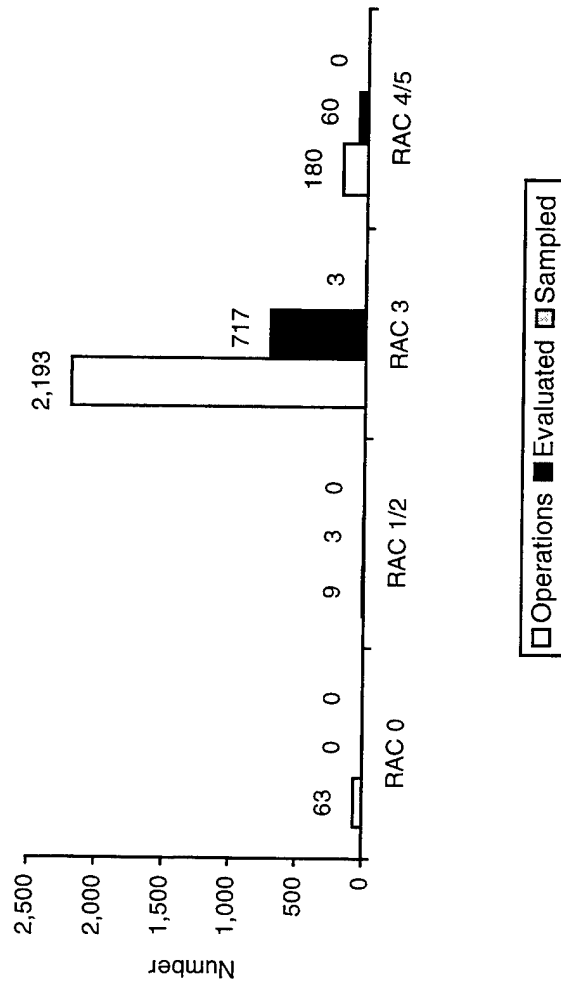


Figure D-3. Sample Installation IH Program Workload—Operations Evaluated and Sampled

Table D-4. Sample Installation IH Program Workload—Exposures Versus Standards

Installation HSSA	Year	Total operations	People potentially exposed	Operations evaluated	Operations sampled	Operations with exposures > AL	People exposed > AL	Operations with exposures > Std ^a	People exposed > Std ^a
North Atlantic	1994	2,445	14,142	780	12	3	0		

^aOperations producing exposures and people exposed greater than the standard will be determined and reported in the future.

Note: AL = action level; Std = standard; TBD = to be determined.

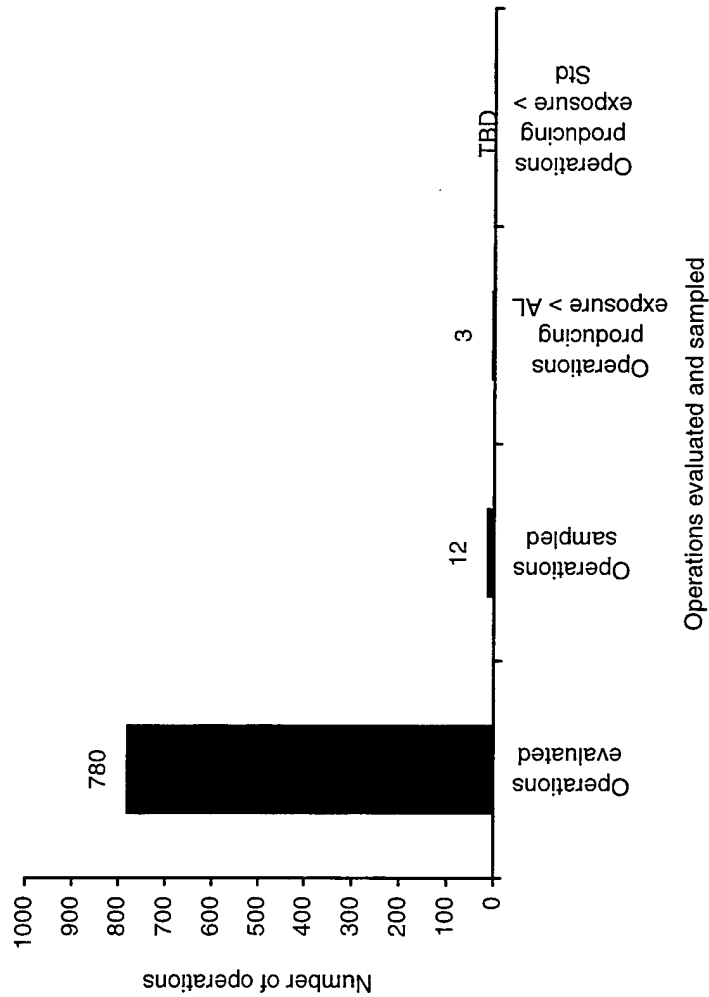


Figure D-4. Sample Installation IH Program Workload—Exposures Versus Standards

Table D-5. Sample Installation IH Program Manpower Summary 1994

Manpower type	Required staff	Authorized staff	Current staff	Shortfall
Industrial hygienists	2	1	1	1
Industrial hygiene technicians	1	1	0	+1
Clerical support				
IH enhancements	n/a	n/a	0	n/a
IH technician enhancements	n/a	n/a	0	n/a
Clerical enhancements	n/a	n/a	0	n/a
Total	3	2	1	2

Note: Required = as reported by the industrial hygiene program manager or the USACHPPM recommendation; Authorized = from table of distribution and allowances; Current staff = number of IH assets on hand; Shortfall = required staff—current staff; n/a = not applicable.

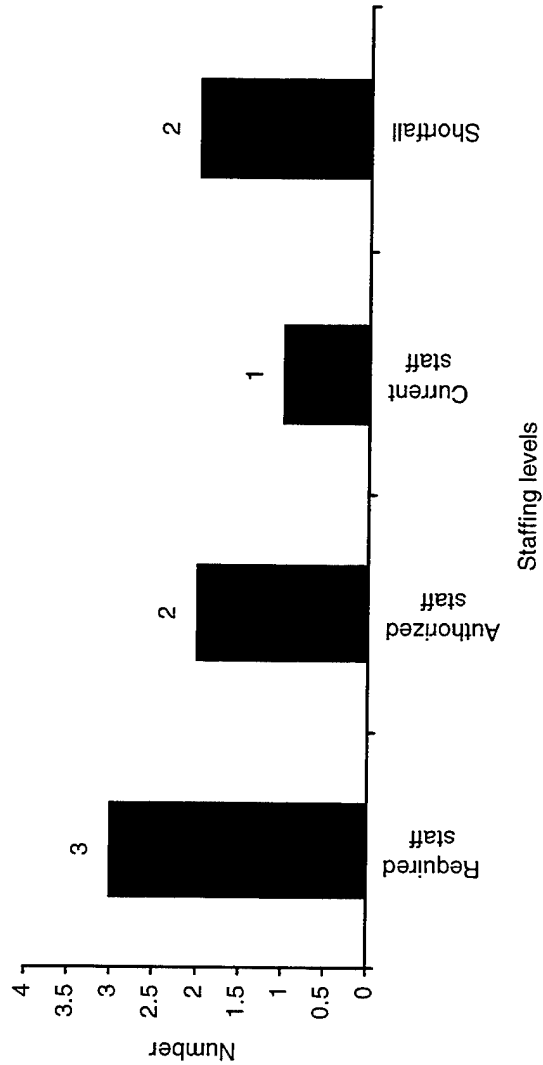


Figure D-5. Sample Installation IH Program Manpower Summary 1994.

Table D-6. Sample Installation IH Program Budget

Installation HSSA	Year	Budget status code	Required budget (\$1,000)	Requested budget (\$1,000)	Authorized budget (\$1,000)	Budget executed ^a (\$1,000)	Shortfall ^b (\$1,000)
North Atlantic	1994	Red	240	165	0	0	75

^aTo be executed, the budget must be tracked in AMSCO 847705.41.

^b Shortfall = required minus executed.

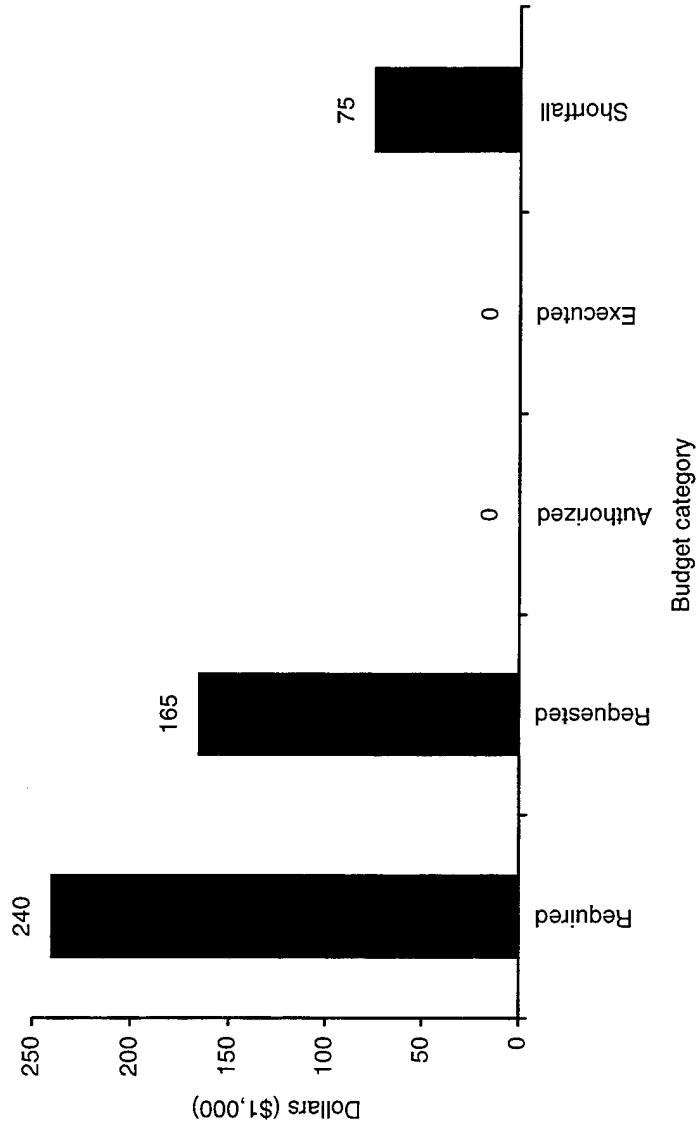


Figure D-6. Sample Installation IH Program Budget

Table D-7. Detailed Installation IH Program Budget

This table has not been developed.

This figure, like the table is yet to be developed.

Figure D-7. Detailed Installation IH Program Budget

Table D-8. Sample Installation IH Program Status Scores

Installation HSSA	Year	Summary status code	Current HHIM score	HHIM data trends score	Cost savings score ^a	Program management status score	Manpower status score	Budget status score	Support services requested	ORF 1 ^b	ORF 2 ^c
North Atlantic	1994	Yellow	2	2		2	1	1	None	146.0	49.0

^a Cost saving scores will be determined and reported in the future.

^b ORF 1 is the Occupational Risk Factor derived from the number of people potentially exposed to operations in each of the three RAC categories. It is a health risk index.

^c ORF 2 is the ORF 1 value divided by the number of industrial hygienists and industrial hygiene technicians. It is intended to provide a risk index adjusted/normalized by the number of people in the program.

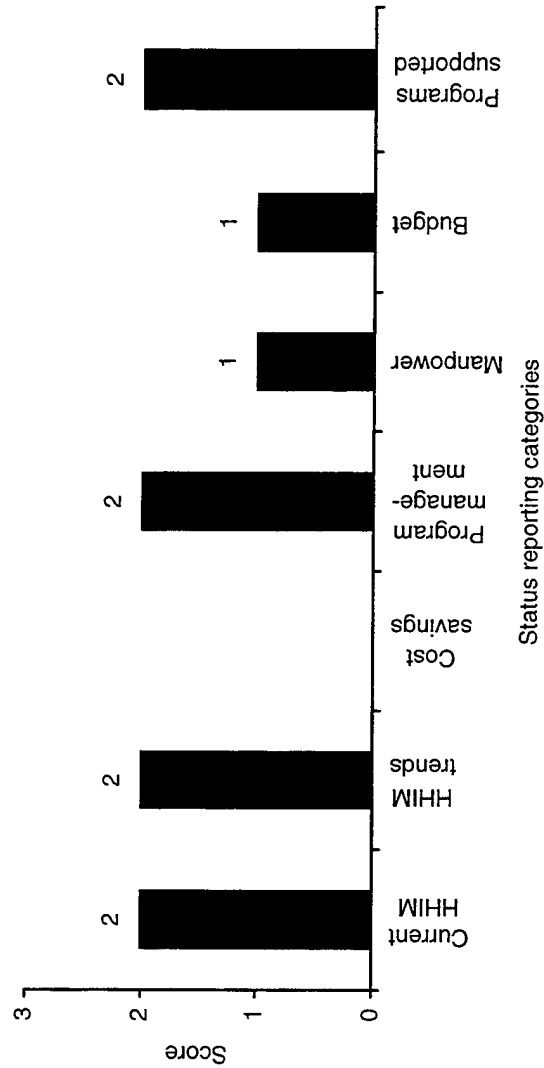


Figure D-8. Sample Installation Program Status Scores 1994

Table D-9. Sample Installation IH Program—Program Management Indicator Scores

Installation	Year	Program document	HHIM use	IHIP use	EPC use	HHIM data call	Record keeping	Time-keeping	Follow-up	Hazard abatement	Staff training	Cred/priv	Facilities	Equipment	Internal audit
Sample installation	1994	3	3	3	2	3	2	1	3	2	1	1	3	3	2

Notes: IHIP = industrial hygiene implementation plan; EPC = exposure potential code; cred/priv = credentialing/privileging.

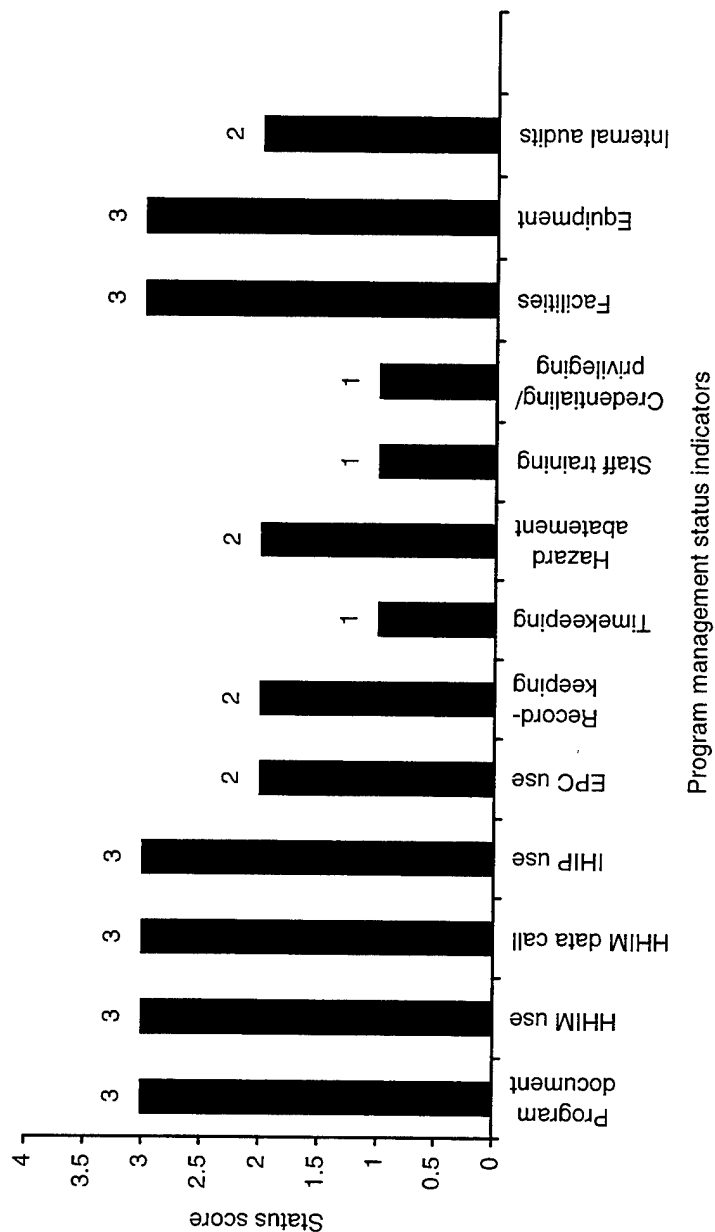


Figure D-9. Sample Installation IH Program—Program Management Indicator Scores

Table D-10. Sample Installation IH Program—Installation Programs Supported Indicator Scores

HSSA	Year	Response to complaints	OHP	HAZCOM	CRCP	Respiratory protection program	PPE program	Design review	Ergonomics program	Biological hazards program	Confined space entry program
North Atlantic	1994	2	3	2	2	3	1	2	1	2	3

Note: CRCP = civilian resource conservation program; PPE = personal protection equipment; OHP = occupational health program; HAZCOM = hazard communication program.

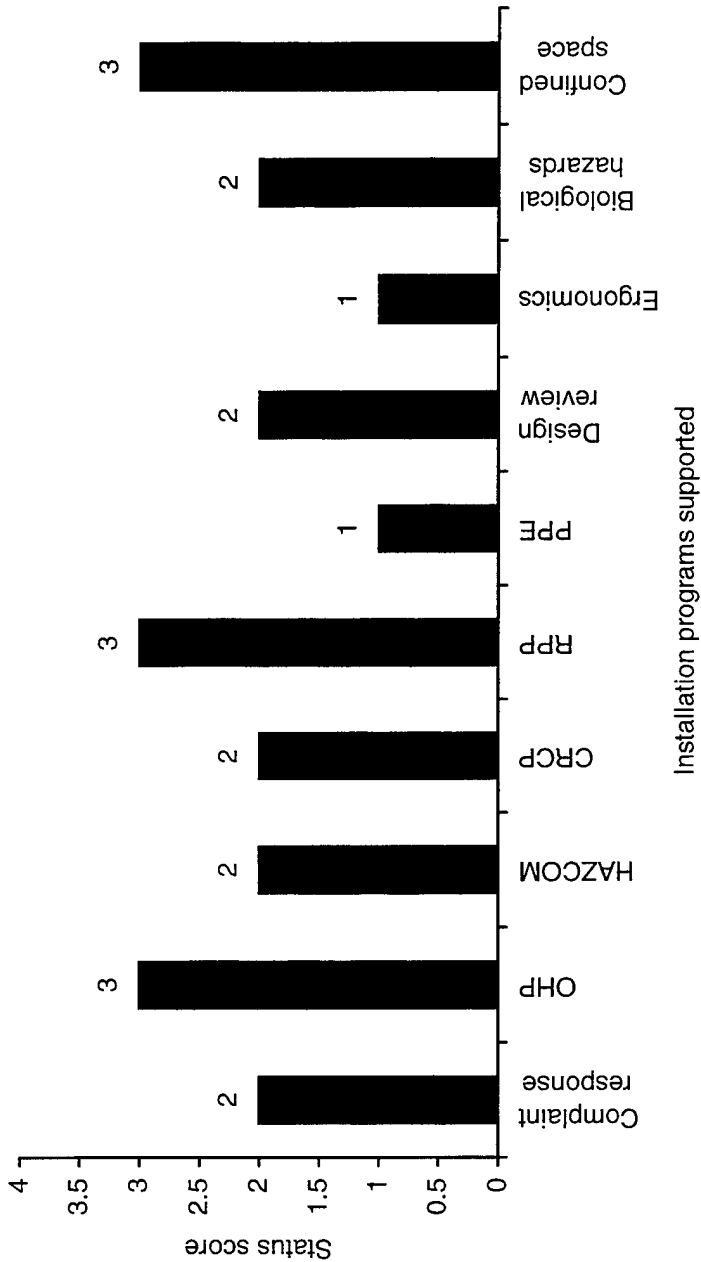


Figure D-10. Sample Installation IH Program—Installation Programs Supported Indicator Scores

Table D-11. Sample Installation IH Program RPE Use

HSSA	Year	Total operations	Operations where RPE is required	Operations where RPE is required but not used	Operations where RPE is used but is not required
North Atlantic	1994	2,445	90	0	42

Note: RPE = respiratory protection equipment.

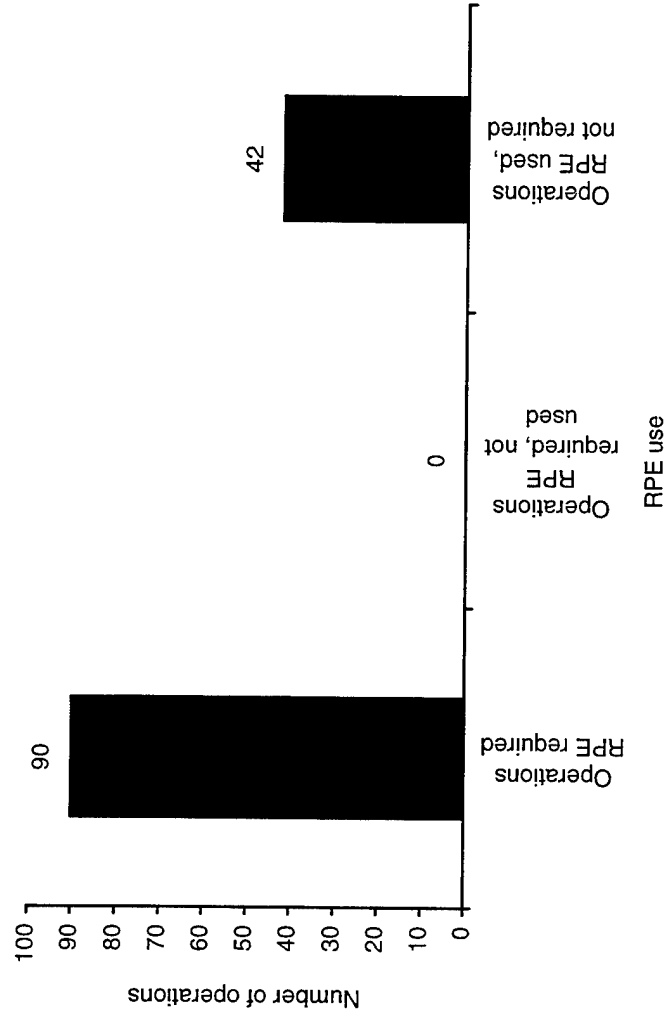


Figure D-11. Sample Installation IH Program RPE Use

Table D-12. Sample Installation IH Program RPE Use Trends

HSSA	Year	Total operations	Operations where RPE is required	Operations where RPE is required but not used	Operations where RPE is used but is not required
North Atlantic	1992	1,710	207	27	42
	1993	2,166	117	3	45
	1994	2,445	90	0	42

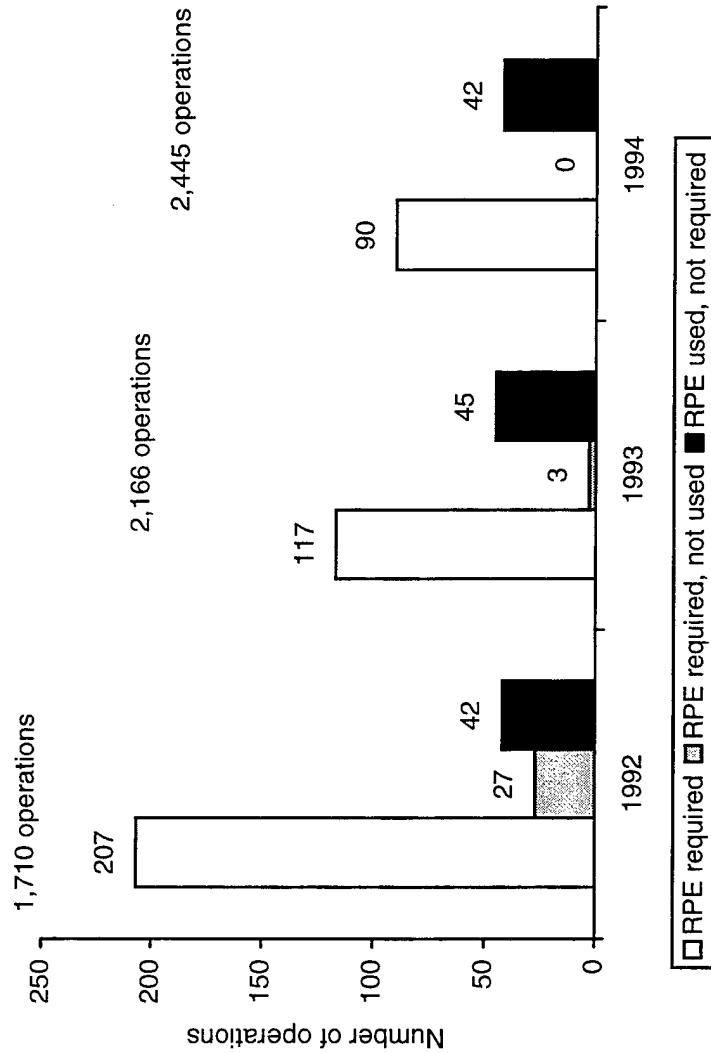


Figure D-12. Sample Installation IH Program RPE Use Trends

Table D-13. Sample Installation IH Program Workload Trends—Operations By RAC

HSSA	Year	Total operations	Total people potentially exposed	RAC 1/2 operations	RAC 1/2 people	RAC 3 operations	RAC 3 people	RAC 4/5 operations	RAC 4/5 people	RAC 0 operations	RAC 0 people
North Atlantic	1992	1,710	9,063	6	12	1,509	16,902	138	1,014	57	483
	1993	2,166	12,447	6	12	1,938	24,675	159	1,257	63	438
	1994	2,445	14,142	9	15	2,193	29,052	180	1,992	63	417

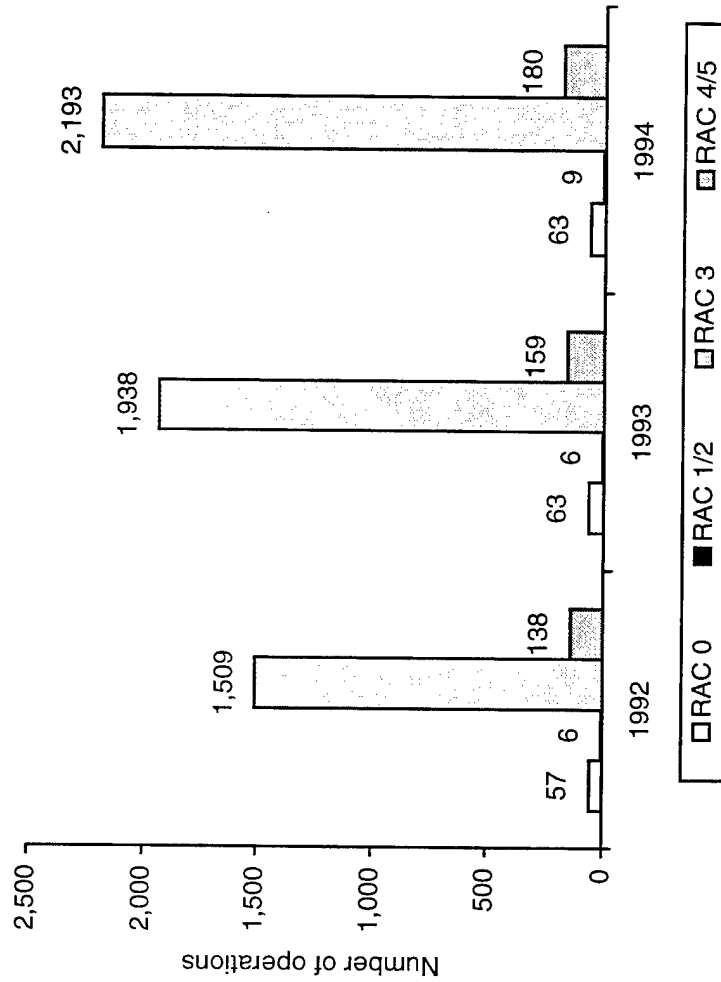


Figure D-13. Sample Installation IH Program Workload Trends—Operations By RAC

Table D-14. Sample Installation IH Program Workload Trends—Operations Evaluated and Sampled

HSSA	Year	Total oprs.	People potentially exposed	RAC 0 oprs.	RAC 0 eval.	RAC 0 sampled	RAC 1/2 oprs.	RAC 1/2 eval.	RAC 1/2 sampled	RAC 3 oprs.	RAC 3 eval.	RAC 3 sampled	RAC 4/5 oprs.	RAC 4/5 eval.	RAC 4/5 sampled
North Atlantic	1992	1,710	9,063	57	21	0	6	3	0	1,509	1,026	27	138	81	3
	1993	2,166	12,447	63	6	0	6	0	0	1,938	999	6	159	63	0
	1994	2,445	14,142	63	0	0	9	3	0	2,193	717	3	180	60	0

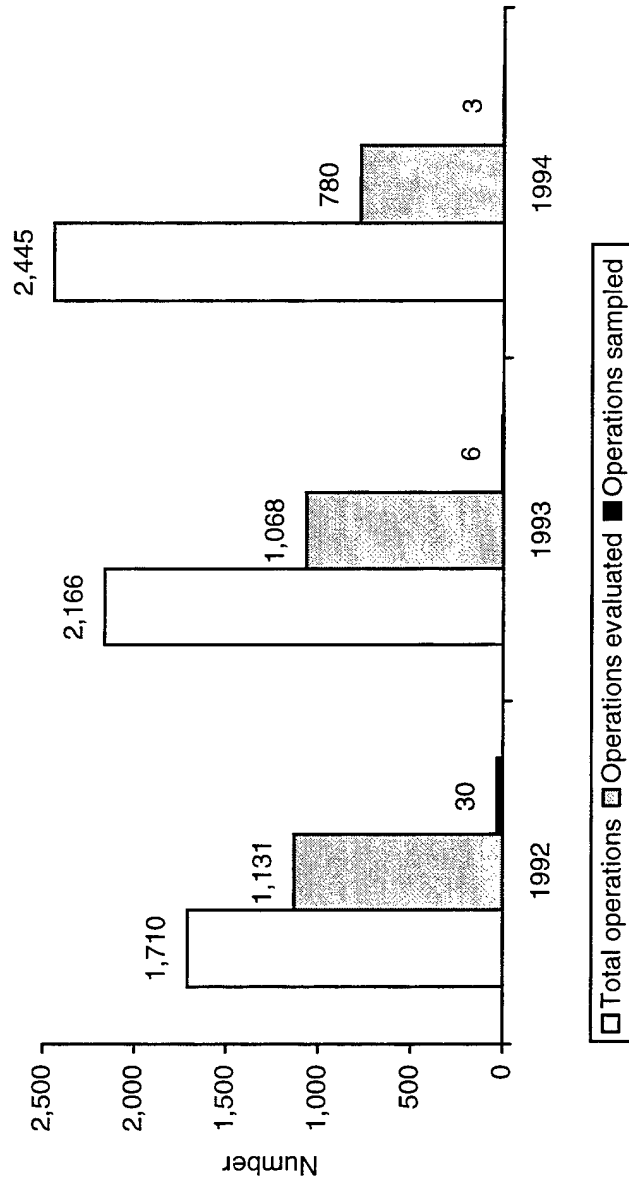


Figure D-14. Sample Installation IH Program Workload Trends—Operations Evaluated and Sampled

Table D-15. Sample Installation IH Program Workload Trends—Exposures versus Standards

HSSA	Year	Total operations	People potentially exposed	Operations evaluated	Operations sampled	Operations exposure > AL	People exposed > AL	Operations exposure > Std ^a	People exposed > Std ^a
North Atlantic	1992	1,710	9,063	1,131	30	9	87		
	1993	2,166	12,447	1,068	9	0	0		
	1994	2,445	14,142	780	12	3	0		

^a To be determined.

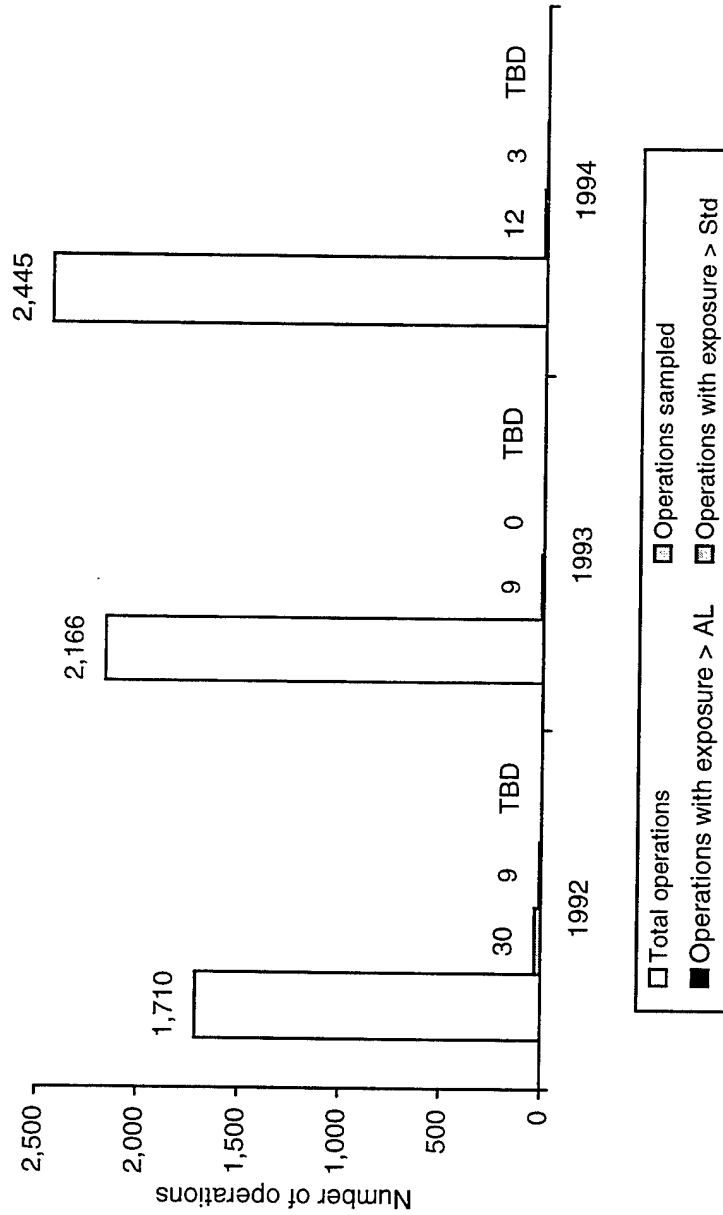


Figure D-15. Sample Installation IH Program Workload Trends—Exposures versus Standards

Appendix E

ALL ARMY INSTALLATION INDUSTRIAL HYGIENE PROGRAM ONE-PAGE SUMMARY REPORTS

Overview

This appendix provides a one-page summary report for each of the Army's installation-based Industrial Hygiene Programs. These programs provide support on an area basis and many support more than one installation. This status report reflects data collected from the supported area which was combined under the supporting installation program. Appendix I presents a listing of installations grouped by the installation that provides the industrial hygiene support. These groupings of installations are in turn grouped by health service support areas (HSSA).

100th ASG (Grafenwoehr Training Area) Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: GE31P		IH Program Status		Green	Yellow	Red	Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 46	
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported				
OPRs / Eval / Sampled / People	260 / 0 / 0 / 0 / 268	Program document	☐ Green ☒ Yellow ☐ Red	Response to complaints	☒ Green ☐ Yellow ☐ Red			
RAC 1+2 OPRs / Eval / Sampled / People	1 / 0 / 0 / 0 / 0	HHIM	☐ Green ☒ Yellow ☐ Red	Occ. health prgm	☐ Green ☒ Yellow ☐ Red			
RAC 3 OPRs / Eval / Sampled / People	31 / 0 / 0 / 0 / 111	IHIP	☐ Green ☒ Yellow ☐ Red	Hazard communication prgm	☐ Green ☒ Yellow ☐ Red			
RAC 4+5 OPRs / Eval / Sampled / People	110 / 0 / 0 / 0 / 183	EPC	☐ Green ☒ Yellow ☐ Red	CRCP	☐ Green ☒ Yellow ☐ Red			
RAC 0 OPRs / Eval / Sampled / People	118 / 0 / 0 / 0 / 29	HHIM data calls	☐ Green ☒ Yellow ☐ Red	Respiratory protection prgm	☐ Green ☐ Yellow ☐ Red			
Admin OPRs / Eval / Sampled / People	72 / 0 / 0 / 0 / 7	Recordkeeping	☐ Green ☒ Yellow ☐ Red	Personal protective equip prgm	☐ Green ☐ Yellow ☐ Red			
Industrial OPRs / Eval / Sampled / People	188 / 0 / 0 / 0 / 261	Timekeeping	☐ Green ☒ Yellow ☐ Red	Design review prgm	☐ Green ☐ Yellow ☐ Red			
OPRs with exposure > AL	0	Follow-up	☐ Green ☐ Yellow ☐ Red	Ergonomics prgm	☐ Green ☐ Yellow ☐ Red			
OPRs with exposure > std		Hazard abatement plan	☐ Green ☐ Yellow ☐ Red	Biological hazard control prgm	☐ Green ☐ Yellow ☐ Red			
OPRs requiring RPE	0	Staff training	☐ Green ☒ Yellow ☐ Red	Confined space entry prgm	☐ Green ☐ Yellow ☐ Red			
OPRs RPE required but not used	0	Credentialing/privileging	☐ Green ☐ Yellow ☐ Red	Prgms supported	☐ Green ☐ Yellow ☐ Red Score: 14			
OPRs RPE used but not required	0	Facilities	☐ Green ☐ Yellow ☐ Red	Problems/Support	Code Schedule			
OPRs sampled to date	0	Equipment	☐ Green ☐ Yellow ☐ Red	Comp				
		Internal audits	☐ Green ☐ Yellow ☐ Red					
Status current HHIM analysis	☐ Green ☐ Yellow ☐ Red	Status prgm mgmt	☐ Green ☐ Yellow ☐ Red	Status Score: 27				
HHIM Data Trend Analysis		Manpower Analysis						
Indicator	1992	1993	1994	Required	Authorized	Current		
OPRs / People	260 / 268	260 / 268	260 / 268	1	0	1		
% OPRs coded RAC 1+2 / # OPRs	0 / 1	0 / 1	0 / 1	1	0	0		
% OPRs coded RAC 3 / # OPRs	12 / 31	12 / 31	12 / 31	0	0	0		
% OPRs coded RAC 4+5 / # OPRs	42 / 110	42 / 110	42 / 110	N/A	N/A	0		
% OPRs coded RAC 0 / # OPRs	45 / 118	45 / 118	45 / 118	N/A	N/A	0		
% OPRs reeval next yr / # OPRs	0 / 0	0 / 0	0 / 0	N/A	N/A	0		
% OPRs evaluated / # OPRs	3 / 7	0 / 0	0 / 0	2	0	1		
% OPRs sampled / # OPRs	0 / 0	0 / 0	0 / 0	CIH / IHIT / CSP / COHST			0 / 0 / 0 / 0	
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0	Status manpower			☐ Green ☐ Yellow ☐ Red Score: 2	
% OPRs with exp > std / # OPRs	/	/	/	Budget Analysis (\$1,000)				
% OPRs requiring RPE / # OPRs	0 / 0	0 / 0	0 / 0	FY	CY	BY	98 99 00 01 02	
% OPRs req RPE not used / # OPRs	0 / 0	0 / 0	0 / 0	Required	170			
% OPRs RPE used not req / # OPRs	0 / 0	0 / 0	0 / 0	Requested	0			
Samples collected to date	1	1	1	Authorized	2			
Status HHIM trend analysis	☐ Green ☐ Yellow ☐ Red	Score: 11		Executed	0			
Cost Savings Analysis		Shortfall		170				
Algorithm being developed, section not scored		Status budget		☐ Green ☐ Yellow ☐ Red	Score: 1			
		Comments						
This program appears to need some help despite the lack of requested support services.								
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0								

104th ASG (Giessen General Depot) Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: GE31F										IH Program Status		Program Management Analysis		Occ. Risk Factor ORF1: 2 ORF2: 2		ORF Rank: 32				
Current Data Analysis (1994)										Program Management Analysis		Installation Programs Supported								
OPRs / Eval / Sampled / People										960	/	15	/	0	/	1730				
RAC 1+2 OPRs / Eval / Sampled / People										10	/	0	/	0	/	52				
RAC 3 OPRs / Eval / Sampled / People										282	/	1	/	0	/	1665				
RAC 4+5 OPRs / Eval / Sampled / People										247	/	14	/	0	/	1481				
RAC 0 OPRs / Eval / Sampled / People										421	/	0	/	0	/	51				
Admin OPRs / Eval / Sampled / People										53	/	0	/	0	/	16				
Industrial OPRs / Eval / Sampled / People										907	/	15	/	0	/	1714				
OPRs with exposure > AL										0										
OPRs with exposure > std										0										
OPRs requiring RPE										0										
OPRs RPE required but not used										0										
OPRs RPE used but not required										2										
OPRs sampled to date										0										
Status current HHIM analysis										☐ Green	☐ Yellow	☒ Red	Score: 23							
HHIM Data Trend Analysis										1992		1993		1994						
Indicator										815 / 1086		945 / 1579		960 / 1730						
OPRs / People										0 / 4		1 / 10		1 / 10						
% OPRs coded RAC 1+2 / # OPRs										28 / 228		30 / 281		29 / 282						
% OPRs coded RAC 3 / # OPRs										23 / 185		25 / 233		26 / 247						
% OPRs coded RAC 4+5 / # OPRs										49 / 398		45 / 421		44 / 421						
% OPRs coded RAC 0 / # OPRs										0 / 0		0 / 0		0 / 0						
% OPRs reeval next yr / # OPRs										53 / 435		14 / 130		2 / 15						
% OPRs evaluated / # OPRs										0 / 0		0 / 0		0 / 0						
% OPRs sampled / # OPRs										0 / 0		0 / 0		0 / 0						
% OPRs with exp > AL / # OPRs										0 / 0		0 / 0		0 / 0						
% OPRs with exp > std / # OPRs										1 / 8		1 / 13		0 / 0						
% OPRs requiring RPE / # OPRs										1 / 5		1 / 10		0 / 0						
% OPRs req RPE not used / # OPRs										0 / 4		1 / 10		0 / 2						
% OPRs RPE used not req / # OPRs										0		0		0						
Samples collected to date										0		0		0						
Status HHIM trend analysis										☐ Green	☐ Yellow	☒ Red	Score: 16							
Cost Savings Analysis										250		250		250						
Algorithm being developed, section not scored										Status budget		☐ Green	☐ Yellow	☒ Red	Score: 1					
Status - potential cost savings										☐ Green	☐ Yellow	☐ Red	Score: 0							

Program Administrative Information									
IH Program Manager: Robert Clifford									
Commander									
104th ASG									
ATTN: mchb-ae-mi-hu (Clifford)									
APO, AE 09165									
DSN 322-9259 COM 011-49-6051-81-9259 FAX									
E-mail: Robert_Clifford@chppm-eur-cmail.army.mil									
HSSA: Europe									
Partnership site ☐ YES ☒ NO									
Comments									

All Army Installation Industrial Hygiene Program One-Page Summary Reports

22nd ASG (Livorno Training Area) Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: ITS30										IH Program Status										Occ. Risk Factor ORF1: 1 ORF2: 1 ORF Rank: 38									
Current Data Analysis (1994)										Program Management Analysis										Installation Programs Supported									
OPRs / Eval / Sampled / People 339 / 24 / 0 / 798 RAC 1+2 OPRs / Eval / Sampled / People 23 / 3 / 0 / 85 RAC 3 OPRs / Eval / Sampled / People 76 / 11 / 0 / 284 RAC 4+5 OPRs / Eval / Sampled / People 237 / 9 / 0 / 1199 RAC 0 OPRs / Eval / Sampled / People 3 / 1 / 0 / 15 Admin OPRs / Eval / Sampled / People 116 / 5 / 0 / 255 Industrial OPRs / Eval / Sampled / People 223 / 19 / 0 / 543 OPRs with exposure > AL 0 OPRs with exposure > std 7 OPRs requiring RPE 2 OPRs RPE required but not used 0 OPRs RPE used but not required 0 OPRs sampled to date 0										Program document ☐ Green ☒ Yellow ☐ Red HHIM ☐ Green ☒ Yellow ☐ Red IHIP ☐ Green ☒ Yellow ☐ Red EPC ☐ Green ☒ Yellow ☐ Red HHIM data calls ☐ Green ☒ Yellow ☐ Red Recordkeeping ☐ Green ☒ Yellow ☐ Red Timekeeping ☐ Green ☒ Yellow ☐ Red Follow-up ☐ Green ☒ Yellow ☐ Red Hazard abatement plan ☐ Green ☒ Yellow ☐ Red Staff training ☐ Green ☒ Yellow ☐ Red Credentialing/privileging ☐ Green ☒ Yellow ☐ Red Facilities ☐ Green ☒ Yellow ☐ Red Equipment ☐ Green ☒ Yellow ☐ Red Internal audits ☐ Green ☒ Yellow ☐ Red Status prgm mgmt ☐ Green ☒ Yellow ☐ Red Score: 28										Response to complaints ☐ Green ☒ Yellow ☐ Red Occ. health prgm ☐ Green ☒ Yellow ☐ Red Hazard communication prgm ☐ Green ☒ Yellow ☐ Red CRCP ☐ Green ☒ Yellow ☐ Red Respiratory protection prgm ☐ Green ☒ Yellow ☐ Red Personal protective equip prgm ☐ Green ☒ Yellow ☐ Red Design review prgm ☐ Green ☒ Yellow ☐ Red Ergonomics prgm ☐ Green ☒ Yellow ☐ Red Biological hazard control prgm ☐ Green ☒ Yellow ☐ Red Confined space entry prgm ☐ Green ☒ Yellow ☐ Red Prgms supported ☐ Green ☒ Yellow ☐ Red Score: 20									
Status current HHIM analysis ☐ Green ☐ Yellow ☐ Red Score: 26 HHIM Data Trend Analysis Indicator 1992 1993 1994 OPRs / People 324 / 751 325 / 756 339 / 798 % OPRs coded RAC 1+2 / # OPRs 6 / 21 6 / 21 7 / 23 % OPRs coded RAC 3 / # OPRs 22 / 72 22 / 72 22 / 76 % OPRs coded RAC 4+5 / # OPRs 71 / 229 70 / 229 70 / 237 % OPRs coded RAC 0 / # OPRs 1 / 2 1 / 3 1 / 3 % OPRs reveal next yr / # OPRs 0 / 0 0 / 0 0 / 0 % OPRs evaluated / # OPRs 100 / 324 0 / 1 7 / 24 % OPRs sampled / # OPRs 0 / 0 0 / 0 0 / 0 % OPRs with exp > AL / # OPRs 0 / 0 0 / 0 0 / 0 % OPRs with exp > std / # OPRs / / / % OPRs requiring RPE / # OPRs 3 / 10 0 / 0 2 / 7 % OPRs req RPE not used / # OPRs 3 / 9 0 / 0 1 / 2 % OPRs RPE used not req / # OPRs 1 / 2 0 / 0 0 / 0 Samples collected to date 0 0 0										Budget Analysis (\$1,000) Status manpower ☐ Green ☒ Yellow ☐ Red Score: 2 CY BY 98 99 00 01 02 Required 220 Requested 0 Authorized 0 Executed 0 Shortfall 220 Status budget ☐ Green ☐ Yellow ☒ Red Score: 1										Program Administrative Information IH Program Manager: Whitney Long Commander 22nd ASG Unit Camp Darby APO, AE 09 DSN 633-7339 COM 011-39-5054-33-7330 FAX E-mail: Whitney_Long@chppm-eur-cmail.army.mil HSSA: Europe Partnership site ☐ YES ☒ NO									
Status HHIM trend analysis ☐ Green ☐ Yellow ☒ Red Score: 18 Cost Savings Analysis Algorithm being developed, section not scored										Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score: 0										Comments Whitney has only been in this position for a short time. She was only able to speak with us briefly and said that her program needs improvement. We estimate the status of her program based on this brief discussion. We will update the this information as soon as possible and include it in our next report.									

26th and 6th ASG (DEH Heidelberg) Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: GE34J										IH Program Status		Green		Yellow		Red		Occ. Risk Factor ORF1:		2 ORF2:		1 ORF Rank: 39							
Current Data Analysis (1994)										Program Management Analysis										Installation Programs Supported									
OPRs / Eval / Sampled / People										Program document										Response to complaints									
RAC 1+2 OPRs / Eval / Sampled / People										HHIM										Occ. health prgm									
RAC 3 OPRs / Eval / Sampled / People										IHJP										Hazard communication prgm									
RAC 4+5 OPRs / Eval / Sampled / People										EPC										CRCP									
RAC 0 OPRs / Eval / Sampled / People										HHIM data calls										Respiratory protection prgm									
Admin OPRs / Eval / Sampled / People										Recordkeeping										Personal protective equip prgm									
Industrial OPRs / Eval / Sampled / People										Timekeeping										Design review prgm									
OPRs with exposure > AL										Follow-up										Ergonomics prgm									
OPRs with exposure > std										Hazard abatement plan										Biological hazard control prgm									
OPRs requiring RPE										Staff training										Confined space entry prgm									
OPRs RPE required but not used										Credentialing/priviledging										Prgrms supported									
OPRs RPE used but not required										Facilities										Problems/Support									
OPRs sampled to date										Equipment										Code									
										Internal audits										P-HH									
Status current HHIM analysis										Status prgm mgmt										P-ER									
Green										Yellow										Red									
Score: 21										Score: 26										Score: 16									
HHIM Data Trend Analysis										Manpower Analysis										Program Administrative Information									
Indicator										Required										Authorized									
OPRs / People										1										0									
% OPRs coded RAC 1+2 / # OPRs										2										0									
% OPRs coded RAC 3 / # OPRs										0										0									
% OPRs coded RAC 4+5 / # OPRs										N/A										N/A									
% OPRs coded RAC 0 / # OPRs										N/A										N/A									
% OPRs reeval next yr / # OPRs										N/A										N/A									
% OPRs evaluated / # OPRs										3										0									
% OPRs sampled / # OPRs										1										0									
% OPRs with exp > AL / # OPRs										0										0									
% OPRs with exp > std / # OPRs										0										0									
% OPRs requiring RPE / # OPRs										4										9									
% OPRs req RPE not used / # OPRs										1										3									
% OPRs RPE used not req / # OPRs										0										0									
Samples collected to date										9										9									
Status HHIM trend analysis										Green										Yellow									
Green										Yellow										Red									
Score: 12										Score: 12										Score: 1									
Cost Savings Analysis										Budget Analysis (\$1,000)										Red Score: 2									
Algorithm being developed, section not scored										CY										BY									
										220										98									
										Required										00									
										Requested										01									
										Authorized										02									
										Executed										0									
										Shortfall										220									
Status budget										Green										Yellow									
Green										Yellow										Red									
Score: 1										Score: 1										Score: 1									
Comments										Comments										Comments									
Does not appear HHIM has been used in the last 3 years.																													
Status - potential cost savings										Green										Yellow									
Green										Yellow										Red									
Score: 0										Score: 0										Score: 0									

415th BSB (Kaiserslautern Army Depot) Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: GE426		IH Program Status		Green	Yellow	Red	Occ Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 47		
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported					
OPRs / Eval / Sampled / People	249 / 0 / 0 / 1166	Program document	☐ Green ☒ Yellow ☐ Red	Response to complaints ☐ Green ☒ Yellow ☐ Red					
RAC 1+2 OPRs / Eval / Sampled / People	5 / 0 / 0 / 22	HHIM	☒ Green ☐ Yellow ☐ Red	Occ health prgm ☐ Green ☐ Yellow ☒ Red					
RAC 3 OPRs / Eval / Sampled / People	28 / 0 / 0 / 123	IHIP	☐ Green ☒ Yellow ☐ Red	Hazard communication prgm ☐ Green ☒ Yellow ☐ Red					
RAC 4+5 OPRs / Eval / Sampled / People	24 / 0 / 0 / 140	EPC	☐ Green ☐ Yellow ☒ Red	CRCP ☐ Green ☒ Yellow ☐ Red					
RAC 0 OPRs / Eval / Sampled / People	192 / 0 / 0 / 1663	HHIM data calls	☐ Green ☒ Yellow ☐ Red	Respiratory protection prgm ☐ Green ☐ Yellow ☒ Red					
Admin OPRs / Eval / Sampled / People	34 / 0 / 0 / 75	Recordkeeping	☐ Green ☒ Yellow ☐ Red	Personal protective equip prgm ☐ Green ☐ Yellow ☒ Red					
Industrial OPRs / Eval / Sampled / People	215 / 0 / 0 / 1091	Timekeeping	☐ Green ☒ Yellow ☐ Red	Design review prgm ☐ Green ☒ Yellow ☐ Red					
OPRs with exposure > AL	0	Follow-up	☐ Green ☐ Yellow ☒ Red	Ergonomics prgm ☐ Green ☐ Yellow ☒ Red					
OPRs with exposure > std		Hazard abatement plan	☐ Green ☒ Yellow ☐ Red	Biological hazard control prgm ☐ Green ☐ Yellow ☒ Red					
OPRs requiring RPE	0	Staff training	☒ Green ☐ Yellow ☐ Red	Confined space entry prgm ☐ Green ☐ Yellow ☒ Red					
OPRs RPE required but not used	0	Credentialed/priviledging	☐ Green ☒ Yellow ☐ Red	Prms supported ☐ Green ☐ Yellow ☒ Red Score: 15					
OPRs RPE used but not required	0	Facilities	☒ Green ☐ Yellow ☐ Red	Problems/Support					
OPRs sampled to date	0	Equipment	☐ Green ☒ Yellow ☐ Red	T-RP					
		Internal audits	☐ Green ☐ Yellow ☒ Red	Respiratory Protection					
Status current HHIM analysis ☐ Green ☐ Yellow ☒ Red	Score: 22	Status prgm mgmt ☐ Green ☐ Yellow ☐ Red	Score: 28						
HHIM Data Trend Analysis		Manpower Analysis							
Indicator	1992	1993	1994	Required	Authorized	Current			
OPRs / People	49 / 65	249 / 1166	249 / 1166	1	1	1			
% OPRs coded RAC 1+2 / # OPRs	4 / 2	2 / 5	2 / 5	2	0	2			
% OPRs coded RAC 3 / # OPRs	33 / 16	11 / 28	11 / 28	1	0	0			
% OPRs coded RAC 4+5 / # OPRs	0 / 0	10 / 24	10 / 24	N/A	N/A	0	Program Administrative Information		
% OPRs coded RAC 0 / # OPRs	63 / 31	77 / 192	77 / 192	N/A	N/A	0			
% OPRs reeval next yr / # OPRs	0 / 0	0 / 0	0 / 0	N/A	N/A	0	IH Program Manager: Phil Sorensen		
% OPRs evaluated / # OPRs	6 / 3	80 / 200	0 / 0	4	1	3	Commander		
% OPRs sampled / # OPRs	0 / 0	0 / 0	0 / 0	CIH / IHIT / CSP / COHST			415 BSB		
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0	Status manpower ☐ Green ☐ Yellow ☐ Red			Unit 23152 (ATTN: Occ Hlth/IH)		
% OPRs with exp > std / # OPRs	/	/	/	Budget Analysis (\$1,000)			Bldg 2925		
% OPRs requiring RPE / # OPRs	0 / 0	15 / 37	0 / 0	CY	BY	98	99	00	
% OPRs req RPE not used / # OPRs	0 / 0	1 / 2	0 / 0	Required			250		
% OPRs RPE used not req / # OPRs	0 / 0	0 / 1	0 / 0	Requested			0		
Samples collected to date	0	0	0	Authorized			0		
Status HHIM trend analysis ☐ Green ☐ Yellow ☒ Red	Score: 16	Executed			0			Partnership site ☐ YES ☒ NO	
Cost Savings Analysis		Shortfall		250					
Algorithm being developed, section not scored		Status budget ☐ Green ☐ Yellow ☐ Red		Score: 1					
							Comments		
HHIM to MIM data transfer does not work. One of the technicians is an ORISE employee, USACHPPM-Europe does the budget. Phil has only been on site 6 weeks, so some elements are not mature and coding may be a bit harsh. They have trouble downloading data from the PBC. They need office computers. The IH and safety offices are colocated.									
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red	Score: 0								

DATE: 19-Jun-96

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E-8

80th ASG (Brussels) Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: BE135		Current Data Analysis (1994)				IH Program Status				Program Management Analysis				Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 49																																																																																																																																																																																																																																																																																																																																																																																		
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OPRs / Eval / Sampled / People	/ / / /	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
RAC 1+2 OPRs / Eval / Sampled / People	/ / / /	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
RAC 3 OPRs / Eval / Sampled / People	/ / / /	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
RAC 4+5 OPRs / Eval / Sampled / People	/ / / /	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
RAC 0 OPRs / Eval / Sampled / People	/ / / /	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
Admin OPRs / Eval / Sampled / People	/ / / /	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
Industrial OPRs / Eval / Sampled / People	/ / / /	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
OPRs with exposure > AL	/ / / /	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
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OPRs RPE required but not used	/ / / /	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
OPRs RPE used but not required	/ / / /	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
OPRs sampled to date	/ / / /	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
Status current HHIM analysis	Green Yellow Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
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98th ASG (Wuerzburg FAC) Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: GE96X										IH Program Status ☐ Green ☐ Yellow ☐ Red										Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 50									
Current Data Analysis (1994)										Program Management Analysis										Installation Programs Supported									
OPRs / Eval / Sampled / People										Program document										Response to complaints									
RAC 1+2 OPRs / Eval / Sampled / People										HHIM										Occ. health prgm									
RAC 3 OPRs / Eval / Sampled / People										IHIP										Hazard communication prgm									
RAC 4+5 OPRs / Eval / Sampled / People										EPC										CRCP									
RAC 0 OPRs / Eval / Sampled / People										HHIM data calls										Respiratory protection prgm									
Admin OPRs / Eval / Sampled / People										Recordkeeping										Personal protective equip prgm									
Industrial OPRs / Eval / Sampled / People										Timekeeping										Design review prgm									
OPRs with exposure > AL										Follow-up										Ergonomics prgm									
OPRs with exposure > std										Hazard abatement plan										Biological hazard control prgm									
OPRs requiring RPE										Staff training										Confined space entry prgm									
OPRs RPE required but not used										Credentialing/privileging										Prgms supported ☐ Green ☐ Yellow ☐ Red Score: 22									
OPRs RPE used but not required										Facilities										Problems/Support									
OPRs sampled to date										Equipment										Code Schedule Comp									
Status current HHIM analysis ☐ Green ☐ Yellow ☐ Red										Internal audits																			
Score: 13										Status prgm mgmt ☐ Green ☐ Yellow ☐ Red Score: 35																			
HHIM Data Trend Analysis										Manpower Analysis										Program Administrative Information									
Indicator										Required										Authorized									
OPRs / People										1										1									
% OPRs coded RAC 1+2 / # OPRs										3										0									
% OPRs coded RAC 3 / # OPRs										1										0									
% OPRs coded RAC 4+5 / # OPRs										N/A										N/A									
% OPRs coded RAC 0 / # OPRs										N/A										N/A									
% OPRs reeval next yr / # OPRs										N/A										N/A									
% OPRs evaluated / # OPRs										5										1									
% OPRs sampled / # OPRs										0										0									
% OPRs with exp > AL / # OPRs										0										0									
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% OPRs req RPE not used / # OPRs										0										0									
% OPRs RPE used not req / # OPRs										0										0									
Samples collected to date										0										0									
Status HHIM trend analysis ☐ Green ☐ Yellow ☐ Red										Score: 11										Status budget ☐ Green ☐ Yellow ☐ Red Score: 1									
Cost Savings Analysis										Algorithm being developed, section not scored										Comments									
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red										Score: 0										There is a branch office in Schweinfurt (011-49-9721-96-6640). They need information on the COHST program. Support from CHPPM-Europe has been good. No budget input or tracking. HHIM to MM information exchange does not work. Big HHIM data push, they plan to get 100% baseline done this year.									

Aberdeen Proving Ground-AA Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 24004		Current Data Analysis (1994)				IH Program Status				Program Management Analysis				Occ. Risk Factor ORF1: 16 ORF2: 1 ORF Rank: 40			
		952	265	33	3157	Program document	Green	Yellow	Red	Response to complaints	Green	Yellow	Red	Installation Programs Supported			
OPRs / Eval / Sampled / People		952	265	33	3157	Program document	Green	Yellow	Red	Response to complaints	Green	Yellow	Red	Installation Programs Supported			
RAC 1+2 OPRs / Eval / Sampled / People		62	17	2	453	HHIM	Green	Yellow	Red	Occ. health prgm	Green	Yellow	Red				
RAC 3 OPRs / Eval / Sampled / People		295	101	9	1888	HHIP	Green	Yellow	Red	Hazard communication prgm	Green	Yellow	Red				
RAC 4+5 OPRs / Eval / Sampled / People		341	114	15	1643	EPC	Green	Yellow	Red	CRCP	Green	Yellow	Red				
RAC 0 OPRs / Eval / Sampled / People		253	33	4	1610	HHIM data calls	Green	Yellow	Red	Respiratory protection prgm	Green	Yellow	Red				
Admin OPRs / Eval / Sampled / People		216	37	0	615	Recordkeeping	Green	Yellow	Red	Personal protective equip prgm	Green	Yellow	Red				
Industrial OPRs / Eval / Sampled / People		736	228	33	2542	Timekeeping	Green	Yellow	Red	Design review prgm	Green	Yellow	Red				
OPRs with exposure > AL		4				Follow-up	Green	Yellow	Red	Ergonomics prgm	Green	Yellow	Red				
OPRs with exposure > std		30				Hazard abatement plan	Green	Yellow	Red	Biological hazard control prgm	Green	Yellow	Red				
OPRs requiring RPE		1				Staff training	Green	Yellow	Red	Confined space entry prgm	Green	Yellow	Red				
OPRs RPE required but not used		3				Credentialing/priviledging	Green	Yellow	Red	Prgrms supported	Green	Yellow	Red	Score: 24			
OPRs RPE used but not required		79				Facilities	Green	Yellow	Red	Problem/Support	Code	Schedule	Comp				
OPRs sampled to date						Equipment	Green	Yellow	Red	Ergonomics	T-EH						
Status current HHIM analysis		Green	Yellow	Red	Score: 25	Internal audits	Green	Yellow	Red	Score: 36							
Indicator		1992	1993	1994		Manpower Analysis											
OPRs / People		474 / 2031	703 / 2604	952 / 3157		Required	Authorized	Current									
% OPRs coded RAC 1+2 / # OPRs		7 / 31	7 / 49	7 / 62		9	5	3									
% OPRs coded RAC 3 / # OPRs		25 / 117	29 / 201	31 / 295		3	3	3									
% OPRs coded RAC 4+5 / # OPRs		25 / 118	33 / 230	36 / 341		2	2	2									
% OPRs coded RAC 0 / # OPRs		44 / 207	32 / 222	27 / 253		N/A	N/A	5									
% OPRs reeval next yr / # OPRs		6 / 27	2 / 16	1 / 7		N/A	N/A	2									
% OPRs evaluated / # OPRs		56 / 264	35 / 247	28 / 265		N/A	N/A	0									
% OPRs sampled / # OPRs		5 / 23	4 / 30	3 / 33		14	10	15									
% OPRs with exp > AL / # OPRs		1 / 4	1 / 4	0 / 4		CIH / IHIT / CSP / COHST	0 / 0 / 0 / 0	0									
% OPRs with exp > std / # OPRs		/	/	/		Status manpower	Green	Yellow	Red	Score: 3							
% OPRs requiring RPE / # OPRs		4 / 19	1 / 9	3 / 30		Budget Analysis (\$1,000)											
% OPRs req RPE not used / # OPRs		1 / 3	0 / 0	0 / 1		FY	CY	BY	98	99	00	01	02				
% OPRs RPE used not req / # OPRs		5 / 23	2 / 14	0 / 3		Required	890										
Samples collected to date		46	81	119		Requested	1000										
Status HHIM trend analysis		Green	Yellow	Red	Score: 27	Authorized	270										
Cost Savings Analysis																	
Algorithm being developed, section not scored																	
Status budget		Green	Yellow	Red	Score: 1	Executed	0										
Shortfall		890															
Comments		Run confined space for ATC. Run RPE at ATC. No link from HHIM to MIM.															
Status - potential cost savings		Green	Yellow	Red	Score: 0	Partnership site ☒ YES ☐ NO											

Aberdeen Proving Ground-EA Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 24255										IH Program Status		Green		Yellow		Red		Occ. Risk Factor ORF1: 17 ORF2: 4 ORF Rank: 23													
Current Data Analysis (1994)										Program Management Analysis						Installation Programs Supported															
OPRs / Eval / Sampled / People										1010	/	570	/	21	/	2139	Program document						Response to complaints								
RAC 1+2 OPRs / Eval / Sampled / People										6	/	0	/	0	/	23	HHIM						Occ. health prgm								
RAC 3 OPRs / Eval / Sampled / People										12	/	3	/	0	/	94	IHIP						Hazard communication prgm								
RAC 4+5 OPRs / Eval / Sampled / People										60	/	6	/	1	/	328	EPC						CRCP								
RAC 0 OPRs / Eval / Sampled / People										932	/	561	/	20	/	7614	HHIM data calls						Respiratory protection prgm								
Admin OPRs / Eval / Sampled / People										42	/	16	/	0	/	120	Recordkeeping						Personal protective equip prgm								
Industrial OPRs / Eval / Sampled / People										968	/	554	/	21	/	2019	Timekeeping						Design review prgm								
OPRs with exposure > AL										0										Follow-up						Ergonomics prgm					
OPRs with exposure > std										116										Hazard abatement plan						Biological hazard control prgm					
OPRs requiring RPE										1										Staff training						Confined space entry prgm					
OPRs RPE required but not used										33										Credentialing/privileging						Prgrms supported					
OPRs RPE used but not required										49										Facilities						Problems/Support					
OPRs sampled to date																				Equipment						Code					
																				Internal audits						Schedule					
Status current HHIM analysis										Green		Yellow		Red		Score: 24		Status prgm mgmt						Green		Yellow		Red		Score: 32	
HHIM Data Trend Analysis										1992		1993		1994		Manpower Analysis						Current									
Indicator										235	/	1360	/	644	/	1639	Required						Authorized								
OPRs / People										3	/	6	/	1	/	6	3						2								
% OPRs coded RAC 1+2 / # OPRs										3	/	7	/	2	/	11	2						2								
% OPRs coded RAC 3 / # OPRs										7	/	17	/	9	/	58	0						0								
% OPRs coded RAC 4+5 / # OPRs										87	/	205	/	88	/	569	N/A						N/A								
% OPRs coded RAC 0 / # OPRs										17	/	41	/	1	/	8	N/A						N/A								
% OPRs reeval next yr / # OPRs										56	/	132	/	65	/	419	5						4								
% OPRs evaluated / # OPRs										5	/	12	/	3	/	17	0						0								
% OPRs sampled / # OPRs										2	/	5	/	0	/	0	0						0								
% OPRs with exp > AL / # OPRs										19	/	45	/	11	/	68	CY						BY								
% OPRs requiring RPE / # OPRs										0	/	0	/	0	/	0	360						00								
% OPRs req RPE not used / # OPRs										1	/	3	/	0	/	0	Requested						0								
% OPRs RPE used next yr / # OPRs										19	/	42	/	65	/	85	Authorized						0								
Samples collected to date										19										Executed						0					
Status HHIM trend analysis										Green		Yellow		Red		Score: 21		Shortfall						360							
Cost Savings Analysis										Green		Yellow		Red		Score: 21		Status budget						Green		Yellow		Red		Score: 1	
Algorithm being developed, section not scored																				Comments						Budget not formally done. Fenced funding not maintained to the IH.					
Status - potential cost savings										Green		Yellow		Red		Score: 0															

Anniston Army Depot Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 01035		IH Program Status		Green	Yellow	Red	Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 51	
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported				
OPRs / Eval / Sampled / People	520 / 327 / 27 / 3957	Program document	Green	Yellow	Red	Response to complaints	Green	Yellow
RAC 1+2 OPRs / Eval / Sampled / People	5 / 4 / 0 / 45	HHIM	Green	Yellow	Red	Occ. health prgm	Green	Yellow
RAC 3 OPRs / Eval / Sampled / People	39 / 11 / 5 / 479	IHIP	Green	Yellow	Red	Hazard communication prgm	Green	Yellow
RAC 4+5 OPRs / Eval / Sampled / People	3 / 1 / 1 / 39	EPC	Green	Yellow	Red	CRCP	Green	Yellow
RAC 0 OPRs / Eval / Sampled / People	473 / 311 / 18 / 4867	HHIM data calls	Green	Yellow	Red	Respiratory protection prgm	Green	Yellow
Admin OPRs / Eval / Sampled / People	5 / 3 / 0 / 31	Recordkeeping	Green	Yellow	Red	Personal protective equip prgm	Green	Yellow
Industrial OPRs / Eval / Sampled / People	515 / 324 / 27 / 3926	Timekeeping	Green	Yellow	Red	Design review prgm	Green	Yellow
OPRs with exposure > AL	7	Follow-up	Green	Yellow	Red	Ergonomics prgm	Green	Yellow
OPRs with exposure > std		Hazard abatement plan	Green	Yellow	Red	Biological hazard control prgm	Green	Yellow
OPRs requiring RPE	112	Staff training	Green	Yellow	Red	Confined space entry prgm	Green	Yellow
OPRs RPE required but not used	0	Credentialing/priviledging	Green	Yellow	Red	Prgrms supported	Green	Yellow
OPRs RPE used but not required	4	Facilities	Green	Yellow	Red	Problems/Support	Code	Schedule
OPRs sampled to date	37	Equipment	Green	Yellow	Red	Cadmium sampling	T-SS	Comp
Status current HHIM analysis	Green	Yellow	Red	Score: 25	Status prgm mgmt	Green	Yellow	Red
HHIM Data Trend Analysis		Manpower Analysis		Red Score: 25				
Indicator	1992	1993	1994	Required	Authorized	Current		
OPRs / People	409 / 3121	464 / 3578	520 / 3957	6	4	4		
% OPRs coded RAC 1+2 / # OPRs	0 / 1	0 / 1	1 / 5	4	3	3		
% OPRs coded RAC 3 / # OPRs	6 / 26	6 / 30	8 / 39	0	0	0		
% OPRs coded RAC 4+5 / # OPRs	0 / 1	0 / 2	1 / 3	N/A	N/A	0		
% OPRs coded RAC 0 / # OPRs	93 / 381	93 / 431	91 / 473	N/A	N/A	0		
% OPRs reeval next yr / # OPRs	78 / 320	58 / 269	38 / 197	N/A	N/A	0		
% OPRs evaluated / # OPRs	94 / 395	73 / 339	63 / 327	N/A	N/A	0		
% OPRs sampled / # OPRs	3 / 12	4 / 17	5 / 27	10	7	7		
% OPRs with exp > AL / # OPRs	0 / 1	1 / 5	1 / 7	CIH / IHIT / CSP / COHST 2 / 0 / 0 / 0				
% OPRs with exp > std / # OPRs	/	/	/	Status manpower Green Yellow Red Score: 2				
% OPRs requiring RPE / # OPRs	21 / 85	26 / 119	22 / 112	Budget Analysis (\$1,000)				
% OPRs req RPE not used / # OPRs	0 / 0	0 / 0	0 / 0	CY	BY	98	99	00
% OPRs RPE used not req / # OPRs	1 / 5	0 / 0	1 / 4	Required	480	0	0	02
Samples collected to date	60	84	126	Requested	0	0	0	0
Status HHIM trend analysis	Green	Yellow	Red	Authorized	0	0	0	0
Cost Savings Analysis		Score: 14		Executed	0	0	0	0
Algorithm being developed, section not scored				Shortfall	480	0	0	0
				Status budget	Green	Yellow	Red	Score: 1
				Comments				
				They will acquire Ft McClellan IHP but no authorizations to fill Ft McClellan positions. Ft McClellan will be 4 IHS & 3 IHTs. Budget info from Sgt. Goodwin 865-3991. Ft. McClellan programs belong to Anniston. Continue to report Ft. McClellan separately.				
Status - potential cost savings		Green	Yellow	Red	Score	0		

Camp Carroll Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: KS054		Current Data Analysis (1994)				IH Program Status		Program Management Analysis		Occ. Risk Factor ORF1: 2 ORF2: 2 ORF Rank: 33																																																											
OPRs / Eval / Sampled / People	662 / 0 / 0 / 1746	Program document	☐ Green ☐ Yellow ☐ Red	Response to complaints	☐ Green ☐ Yellow ☐ Red																																																																
RAC 1+2 OPRs / Eval / Sampled / People	19 / 0 / 0 / 69	HHIM	☐ Green ☐ Yellow ☐ Red	Occ. health prgm	☐ Green ☐ Yellow ☐ Red																																																																
RAC 3 OPRs / Eval / Sampled / People	22 / 0 / 0 / 109	IHIP	☐ Green ☐ Yellow ☐ Red	Hazard communication prgm	☐ Green ☐ Yellow ☐ Red																																																																
RAC 4+5 OPRs / Eval / Sampled / People	17 / 0 / 0 / 107	EPC	☐ Green ☐ Yellow ☐ Red	CRCP	☐ Green ☐ Yellow ☐ Red																																																																
RAC 0 OPRs / Eval / Sampled / People	604 / 0 / 0 / 4304	HHIM data calls	☐ Green ☐ Yellow ☐ Red	Respiratory protection prgm	☐ Green ☐ Yellow ☐ Red																																																																
Admin OPRs / Eval / Sampled / People	52 / 0 / 0 / 205	Recordkeeping	☐ Green ☐ Yellow ☐ Red	Personal protective equip prgm	☐ Green ☐ Yellow ☐ Red																																																																
Industrial OPRs / Eval / Sampled / People	610 / 0 / 0 / 1541	Timekeeping	☐ Green ☐ Yellow ☐ Red	Design review prgm	☐ Green ☐ Yellow ☐ Red																																																																
OPRs with exposure > AL	0	Follow-up	☐ Green ☐ Yellow ☐ Red	Ergonomics prgm	☐ Green ☐ Yellow ☐ Red																																																																
OPRs with exposure > std	0	Hazard abatement plan	☐ Green ☐ Yellow ☐ Red	Biological hazard control prgm	☐ Green ☐ Yellow ☐ Red																																																																
OPRs requiring RPE	0	Staff training	☐ Green ☐ Yellow ☐ Red	Confined space entry prgm	☐ Green ☐ Yellow ☐ Red																																																																
OPRs RPE required but not used	0	Credentialing/priviledging	☐ Green ☐ Yellow ☐ Red	Prgms supported ☐ Green ☐ Yellow ☐ Red	Code ☐ Yellow ☐ Red Score: 21																																																																
OPRs RPE used but not required	0	Facilities	☐ Green ☐ Yellow ☐ Red	Problems/Support	Schedule																																																																
OPRs sampled to date	1	Equipment	☐ Green ☐ Yellow ☐ Red	Comp																																																																	
		Internal audits	☐ Green ☐ Yellow ☐ Red																																																																		
Status current HHIM analysis ☐ Green ☐ Yellow ☐ Red	Score: 21	Status prgm mgmt ☐ Green ☐ Yellow ☐ Red	Score: 28																																																																		
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HHIM Data Trend Analysis		Manpower Analysis																																																																			
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% OPRs requiring RPE / # OPRs	6 / 32	5 / 36	0 / 0																																																																		
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Samples collected to date	0	1	1																																																																		
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Camp Casey Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: K5041				Current Data Analysis (1994)				IH Program Status				Program Management Analysis				Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 53											
OPRs / Eval / Sampled / People				489 / 57 / 1 / 1290				Program document				Green ☐ Yellow ☐ Red ☐				Response to complaints				Green ☐ Yellow ☐ Red ☐							
RAC 1+2 OPRs / Eval / Sampled / People				0 / 0 / 0 / 0				HHIM				Green ☐ Yellow ☐ Red ☐				Occ. health prgm				Green ☐ Yellow ☐ Red ☐							
RAC 3 OPRs / Eval / Sampled / People				2 / 0 / 0 / 0				IHPC				Green ☐ Yellow ☐ Red ☐				Hazard communication prgm				Green ☐ Yellow ☐ Red ☐							
RAC 4+5 OPRs / Eval / Sampled / People				7 / 0 / 0 / 0				EPC				Green ☐ Yellow ☐ Red ☐				CRCP				Green ☐ Yellow ☐ Red ☐							
RAC 0 OPRs / Eval / Sampled / People				480 / 57 / 1 / 3744				HHIM data calls				Green ☐ Yellow ☐ Red ☐				Respiratory protection prgm				Green ☐ Yellow ☐ Red ☐							
Admin OPRs / Eval / Sampled / People				1 / 0 / 0 / 0				Recordkeeping				Green ☐ Yellow ☐ Red ☐				Personal protective equip prgm				Green ☐ Yellow ☐ Red ☐							
Industrial OPRs / Eval / Sampled / People				488 / 57 / 1 / 1290				Timekeeping				Green ☐ Yellow ☐ Red ☐				Design review prgm				Green ☐ Yellow ☐ Red ☐							
OPRs with exposure > AL				0				Follow-up				Green ☐ Yellow ☐ Red ☐				Ergonomics prgm				Green ☐ Yellow ☐ Red ☐							
OPRs with exposure > std				13				Hazard abatement plan				Green ☐ Yellow ☐ Red ☐				Biological hazard control prgm				Green ☐ Yellow ☐ Red ☐							
OPRs requiring RPE				0				Staff training				Green ☐ Yellow ☐ Red ☐				Confined space entry prgm				Green ☐ Yellow ☐ Red ☐							
OPRs RPE required but not used				1				Credentialing/privileging				Green ☐ Yellow ☐ Red ☐				Prgrms supported				Green ☐ Yellow ☐ Red ☐							
OPRs RPE used but not required				1				Facilities				Green ☐ Yellow ☐ Red ☐				Problems/Support				Code Schedule Comp							
OPRs sampled to date				1				Equipment				Green ☐ Yellow ☐ Red ☐															
Internal audits								Internal audits				Green ☐ Yellow ☐ Red ☐															
Status current HHIM analysis				Green ☐ Yellow ☐ Red ☐				Status prgm mgmt				Green ☐ Yellow ☐ Red ☐				Status Score: 28											
Indicator				1992				1993				1994				Manpower Analysis											
OPRs / People				284 / 687				443 / 959				489 / 1280				Required				Authorized				Current			
% OPRs coded RAC 1+2 / # OPRs				0 / 0				0 / 0				0 / 0				1				1				0			
% OPRs coded RAC 3 / # OPRs				1 / 2				0 / 2				0 / 2				1				0				0			
% OPRs coded RAC 4+5 / # OPRs				2 / 7				2 / 7				1 / 7				N/A				N/A				0			
% OPRs coded RAC 0 / # OPRs				97 / 285				98 / 434				98 / 480				N/A				N/A				0			
% OPRs reeval next yr / # OPRs				0 / 0				0 / 2				2 / 11				N/A				N/A				0			
% OPRs evaluated / # OPRs				97 / 285				34 / 151				12 / 57				4				2				1			
% OPRs sampled / # OPRs				0 / 0				0 / 0				0 / 1				CIH / IHIT / CSP / COHST				0 / 0 / 0 / 0							
% OPRs with exp > AL / # OPRs				0 / 0				0 / 0				0 / 0				Status manpower				Green ☐ Yellow ☐ Red ☐				Status Score: 1			
% OPRs with exp > std / # OPRs				/				/				/				Budget Analysis (\$1,000)											
% OPRs requiring RPE / # OPRs				9 / 26				10 / 43				3 / 13				CY				BY				98			
% OPRs req RPE not used / # OPRs				3 / 9				0 / 1				0 / 0				FY				250				01			
% OPRs RPE used not req / # OPRs				9 / 27				1 / 5				0 / 1				Requested				215							
Samples collected to date				0				0				1				Authorized				180							
Status HHIM trend analysis				Green ☐ Yellow ☐ Red ☐				Status Score: 13				Executed				0											
Cost Savings Analysis																Shortfall				250							
Algorithm being developed, section not scored																Status budget				Green ☐ Yellow ☐ Red ☐				Status Score: 1			
Comments																											
Budget managed centrally by Ann Burkhardt. Program mgmt & installation spt reflect the overall prgm.																											
Status - potential cost savings				Green ☐ Yellow ☐ Red ☐				Score 0																			

Camp Humphrey Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: KS208		Current Data Analysis (1994)				IH Program Status				Program Management Analysis				Occ. Risk Factor ORF1: 4 ORF2: 4 ORF Rank: 24			
		1992	1993	1994	Score: 20	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red
OPRs / Eval / Sampled / People		262	0	0	0	1039											
RAC 1+2 OPRs / Eval / Sampled / People		0	0	0	0	0											
RAC 3 OPRs / Eval / Sampled / People		36	0	0	0	438											
RAC 4+5 OPRs / Eval / Sampled / People		0	0	0	0	0											
RAC 0 OPRs / Eval / Sampled / People		226	0	0	0	3198											
Admin OPRs / Eval / Sampled / People		0	0	0	0	0											
Industrial OPRs / Eval / Sampled / People		262	0	0	0	1039											
OPRs with exposure > AL		0															
OPRs with exposure > std		0															
OPRs requiring RPE		0															
OPRs RPE required but not used		0															
OPRs RPE used but not required		0															
OPRs sampled to date		0															
Status current HHIM analysis		Green					Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red
Indicator		1992	1993	1994	Score: 20	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red
OPRs / People		194	488	262	1039												
% OPRs coded RAC 1+2 / # OPRs		0	0	0	0	0											
% OPRs coded RAC 3 / # OPRs		0	0	0	0	14	36										
% OPRs coded RAC 4+5 / # OPRs		0	0	0	0	0	0										
% OPRs coded RAC 0 / # OPRs		100	184	86	226	86	226										
% OPRs reveal next yr / # OPRs		0	0	0	0	0	0										
% OPRs evaluated / # OPRs		100	184	26	68	0	0										
% OPRs sampled / # OPRs		0	0	0	0	0	0										
% OPRs with exp > AL / # OPRs		0	0	0	0	0	0										
% OPRs with exp > std / # OPRs		57	110	11	28	0	0										
% OPRs requiring RPE / # OPRs		0	0	0	0	0	0										
% OPRs req RPE not used / # OPRs		0	0	0	0	0	0										
% OPRs RPE used not req / # OPRs		1	1	0	0	0	0										
Samples collected to date		0															
Status HHIM trend analysis		Green					Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red
Cost Savings Analysis		Green					Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red
Algorithm being developed, section not scored																	
Status - potential cost savings		Green					Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red

Program Administrative Information		Comments	
IH Program Manager: Ann Burkhardt Commander, 18th Medical Command		Will establish this sub-program in Oct. Budget managed centrally by Ann Burkhardt. Prgm. mgmt. & installation prgms supported reflect the overall program.	
ATTN: Unit # 15281 121 General Hospital, Unit # 15281 APO, AP 96205-0017 DSN 736-8517 COM 011-82279-16-8517 FAX 1196 E-mail: aburkhar@seoul.e-mail.aneddd.army.mil HSSA: Pacific			
Partnership site ☐ YES ☒ NO			

All Army Installation Industrial Hygiene Program One-Page Summary Reports

DATE: 19-Jun-96

Camp Zama Industrial Hygiene Program Status Report

ARLOC: JA998		IH Program Status		Program Management Analysis		Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 54	
Current Data Analysis (1994)		Green		Yellow		Red	
OPRs / Eval / Sampled / People	45 / 0 / 0 / 111					Response to complaints ☐ Green ☒ Yellow ☐ Red	
RAC 1+2 OPRs / Eval / Sampled / People	0 / 0 / 0 / 0					Occ. health prgm ☐ Green ☒ Yellow ☐ Red	
RAC 3 OPRs / Eval / Sampled / People	1 / 0 / 0 / 1					Hazard communication prgm ☐ Green ☒ Yellow ☐ Red	
RAC 4+5 OPRs / Eval / Sampled / People	42 / 0 / 0 / 116					CRCP ☐ Green ☒ Yellow ☐ Red	
RAC 0 OPRs / Eval / Sampled / People	2 / 0 / 0 / 3					Respiratory protection prgm ☐ Green ☒ Yellow ☐ Red	
Admin OPRs / Eval / Sampled / People	0 / 0 / 0 / 0					Personal protective equip prgm ☐ Green ☒ Yellow ☐ Red	
Industrial OPRs / Eval / Sampled / People	45 / 0 / 0 / 111					Design review prgm ☐ Green ☒ Yellow ☐ Red	
OPRs with exposure > AL	0					Ergonomics prgm ☐ Green ☒ Yellow ☐ Red	
OPRs with exposure > std						Biological hazard control prgm ☐ Green ☒ Yellow ☐ Red	
OPRs requiring RPE	0					Confined space entry prgm ☐ Green ☒ Yellow ☐ Red	
OPRs RPE required but not used	0					Prgrms supported ☐ Green ☒ Yellow ☐ Red Score: 20	
OPRs RPE used but not required	0					Problems/Support Code Schedule Comp	
OPRs sampled to date	0						
Status current HHIM analysis ☐ Green ☐ Yellow ☒ Red		Score: 13		Status prgm mgmt ☐ Green ☒ Yellow ☐ Red		Score: 28	
HHIM Data Trend Analysis							
Indicator	1992	1993	1994				
OPRs / People	0 / 0	45 / 111	45 / 111				
% OPRs coded RAC 1+2 / # OPRs	0 / 0	0 / 0	0 / 0				
% OPRs coded RAC 3 / # OPRs	0 / 0	2 / 1	2 / 1				
% OPRs coded RAC 4+5 / # OPRs	0 / 0	93 / 42	93 / 42				
% OPRs coded RAC 0 / # OPRs	0 / 0	4 / 2	4 / 2				
% OPRs reveal next yr / # OPRs	0 / 0	0 / 0	0 / 0				
% OPRs evaluated / # OPRs	0 / 0	100 / 45	0 / 0				
% OPRs sampled / # OPRs	0 / 0	0 / 0	0 / 0				
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0				
% OPRs with exp > std / # OPRs	0 / 0	0 / 0	0 / 0				
% OPRs requiring RPE / # OPRs	0 / 0	60 / 27	0 / 0				
% OPRs req RPE not used / # OPRs	0 / 0	2 / 1	0 / 0				
% OPRs RPE used not req / # OPRs	0 / 0	2 / 1	0 / 0				
Samples collected to date	0	0	0				
Status HHIM trend analysis ☐ Green ☐ Yellow ☒ Red		Score: 11					
Cost Savings Analysis							
Algorithm being developed, section not scored							
Comments							
Could no contact Clarence directly. Confirmation other than HHIM data assumed.							
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0							

Carlisle Barracks Industrial Hygiene Program Status Report

ARLOC: 42116

DATE: 19-Jun-96

Current Data Analysis (1994)				Program Management Analysis				Occ. Risk Factor ORF1: 4 ORF2: 4 ORF Rank: 25																																																																																																																																																																																							
OPRs / Eval / Sampled / People	328 / 80 / 0 / 741	Program document	☒ Green ☐ Yellow ☐ Red	Response to complaints	☐ Green ☒ Yellow ☐ Red	Installation Programs Supported																																																																																																																																																																																									
RAC 1+2 OPRs / Eval / Sampled / People	15 / 0 / 0 / 59	HHIM	☒ Green ☐ Yellow ☐ Red	Occ. health prgm	☐ Green ☒ Yellow ☐ Red																																																																																																																																																																																										
RAC 3 OPRs / Eval / Sampled / People	130 / 24 / 0 / 724	IHIP	☒ Green ☐ Yellow ☐ Red	Hazard communication prgm	☒ Green ☐ Yellow ☐ Red																																																																																																																																																																																										
RAC 4+5 OPRs / Eval / Sampled / People	107 / 56 / 0 / 378	EPC	☒ Green ☐ Yellow ☐ Red	CRCP	☐ Green ☒ Yellow ☐ Red																																																																																																																																																																																										
RAC 0 OPRs / Eval / Sampled / People	76 / 0 / 0 / 377	HHIM data calls	☒ Green ☐ Yellow ☐ Red	Respiratory protection prgm	☒ Green ☐ Yellow ☐ Red																																																																																																																																																																																										
Admin OPRs / Eval / Sampled / People	83 / 25 / 0 / 298	Recordkeeping	☒ Green ☐ Yellow ☐ Red	Personal protective equip prgm	☐ Green ☒ Yellow ☐ Red																																																																																																																																																																																										
Industrial OPRs / Eval / Sampled / People	245 / 55 / 0 / 443	Timekeeping	☒ Green ☐ Yellow ☐ Red	Design review prgm	☒ Green ☐ Yellow ☐ Red																																																																																																																																																																																										
OPRs with exposure > AL	0	Follow-up	☐ Green ☒ Yellow ☐ Red	Ergonomics prgm	☒ Green ☐ Yellow ☐ Red																																																																																																																																																																																										
OPRs with exposure > std		Hazard abatement plan	☐ Green ☐ Yellow ☐ Red	Biological hazard control prgm	☐ Green ☒ Yellow ☐ Red																																																																																																																																																																																										
OPRs requiring RPE	9	Staff training	☒ Green ☐ Yellow ☐ Red	Confined space entry prgm	☒ Green ☐ Yellow ☐ Red																																																																																																																																																																																										
OPRs RPE required but not used	1	Credentiaing/privileging	☐ Green ☐ Yellow ☐ Red	Prgrms supported	☐ Green ☐ Yellow ☐ Red																																																																																																																																																																																										
OPRs RPE used but not required	3	Facilities	☒ Green ☐ Yellow ☐ Red	Problems/Support	☐ Green ☐ Yellow ☐ Red																																																																																																																																																																																										
OPRs sampled to date	2	Equipment	☒ Green ☐ Yellow ☐ Red	Laser/ Microwave Support	☐ Green ☐ Yellow ☐ Red																																																																																																																																																																																										
		Internal audits	☐ Green ☒ Yellow ☐ Red																																																																																																																																																																																												
Status current HHIM analysis	☐ Green ☐ Yellow ☒ Red	Status prgm mgmt	☒ Green ☐ Yellow ☐ Red	Code	☐ Green ☐ Yellow ☐ Red	Schedule		Comp																																																																																																																																																																																							
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Corpus Christi Army Depot Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 48188		IH Program Status		Green	Yellow	Red	Occ. Risk Factor ORF1: 35		ORF2: 12		ORF Rank: 9	
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported								
OPRs / Eval / Sampled / People	388 / 0 / 0 / 2053	Program document	☒ Green	☐ Yellow	☐ Red	Response to complaints	☒ Green	☐ Yellow	☐ Red			
RAC 1+2 OPRs / Eval / Sampled / People	55 / 0 / 0 / 1156	HHIM	☒ Green	☐ Yellow	☒ Red	Occ. health prgm	☒ Green	☐ Yellow	☐ Red			
RAC 3 OPRs / Eval / Sampled / People	174 / 0 / 0 / 3565	IHIP	☒ Green	☐ Yellow	☐ Red	Hazard communication prgm	☒ Green	☐ Yellow	☐ Red			
RAC 4+5 OPRs / Eval / Sampled / People	92 / 0 / 0 / 1313	EPC	☒ Green	☐ Yellow	☐ Red	CRCP	☒ Green	☐ Yellow	☐ Red			
RAC 0 OPRs / Eval / Sampled / People	67 / 0 / 0 / 318	HHIM data calls	☒ Green	☐ Yellow	☒ Red	Respiratory protection prgm	☒ Green	☐ Yellow	☐ Red			
Admin OPRs / Eval / Sampled / People	0 / 0 / 0 / 0	Recordkeeping	☒ Green	☐ Yellow	☐ Red	Personal protective equip prgm	☒ Green	☐ Yellow	☐ Red			
Industrial OPRs / Eval / Sampled / People	388 / 0 / 0 / 2053	Timekeeping	☒ Green	☐ Yellow	☐ Red	Design review prgm	☒ Green	☐ Yellow	☐ Red			
OPRs with exposure > AL	0	Follow-up	☒ Green	☐ Yellow	☐ Red	Ergonomics prgm	☒ Green	☐ Yellow	☐ Red			
OPRs with exposure > std	0	Hazard abatement plan	☒ Green	☐ Yellow	☐ Red	Biological hazard control prgm	☒ Green	☐ Yellow	☐ Red			
OPRs requiring RPE	0	Staff training	☒ Green	☐ Yellow	☐ Red	Confined space entry prgm	☒ Green	☐ Yellow	☐ Red			
OPRs RPE required but not used	0	Credentialed/privileging	☒ Green	☐ Yellow	☒ Red	Prgrms supported	☒ Green	☐ Yellow	☐ Red	Score: 30		
OPRs RPE used but not required	0	Facilities	☒ Green	☐ Yellow	☐ Red	Problems/Support	☐ Green	☐ Yellow	☐ Red	Code	Schedule	Comp
OPRs sampled to date	44	Equipment	☒ Green	☐ Yellow	☐ Red							
		Internal audits	☒ Green	☐ Yellow	☐ Red							
Status current HHIM analysis	☐ Green ☐ Yellow ☒ Red	Status prgm mgmt	☒ Green	☐ Yellow	☐ Red	Score: 30						
Manpower Analysis												
Indicator	1992	1993	1994	Required	Authorized	Current						
OPRs / People	279 / 1729	388 / 2053	388 / 2053	2	2	2						
% OPRs coded RAC 1+2 / # OPRs	16 / 44	14 / 55	14 / 55	1	1	1						
% OPRs coded RAC 3 / # OPRs	36 / 100	45 / 174	45 / 174	0	0	0						
% OPRs coded RAC 4+5 / # OPRs	25 / 71	24 / 92	24 / 92	N/A	N/A	0						
% OPRs coded RAC 0 / # OPRs	23 / 64	17 / 67	17 / 67	N/A	N/A	0						
% OPRs reeval next yr / # OPRs	6 / 16	2 / 6	0 / 0	N/A	N/A	0						
% OPRs evaluated / # OPRs	54 / 152	30 / 116	0 / 0	3	3	3						
% OPRs sampled / # OPRs	8 / 22	7 / 27	0 / 0	CIH / IHIT / CSP / COHST			1	0	0	0	0	0
% OPRs with exp > AL / # OPRs	3 / 7	3 / 10	0 / 0	Status manpower			☐ Green ☐ Yellow ☒ Red	Score: 1				
% OPRs with exp > std / # OPRs	/	/	/	Budget Analysis (\$1,000)								
% OPRs requiring RPE / # OPRs	0 / 1	2 / 7	0 / 0	CY	BY	98	99	00	01	02		
% OPRs req RPE not used / # OPRs	0 / 0	0 / 0	0 / 0	Required	240							
% OPRs RPE used not req / # OPRs	0 / 1	0 / 1	0 / 0	Requested	154							
Samples collected to date	59	96	96	Authorized	154							
Status HHIM trend analysis	☐ Green ☐ Yellow ☒ Red	Score: 24										
Cost Savings Analysis												
Algorithm being developed, section not scored												
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0												
Comments												
1. Using own company database to store IH survey info. Will be required to use the HHIM under the FY 96/97 contract. 2. Using a scheduler database to produce monthly project reports. Contract oversight through Rick Malone at BAMC. Consumables & equip. budget included in BAMC budget. Do not use the HHIM so current data and HHIM trends scores are low. Otherwise a very good program.												

DATE: 19-Jun-96

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All Army Installation Industrial Hygiene Program One-Page Summary Reports

Fitzsimons Army Medical Center Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 08297		IH Program Status		Green	Yellow	Red	Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 55	
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported				
OPRs / Eval / Sampled / People	142 / 15 / 0 / 199	Program document	☐ Green	☒ Yellow	☐ Red	Response to complaints	☐ Green	☒ Yellow
RAC 1+2 OPRs / Eval / Sampled / People	1 / 0 / 0 / 2	HHIM	☐ Green	☐ Yellow	☒ Red	Occ. health prgm	☐ Green	☒ Yellow
RAC 3 OPRs / Eval / Sampled / People	27 / 0 / 0 / 114	IHIP	☐ Green	☒ Yellow	☐ Red	Hazard communication prgm	☐ Green	☒ Yellow
RAC 4+5 OPRs / Eval / Sampled / People	104 / 15 / 0 / 216	EPC	☐ Green	☒ Yellow	☐ Red	CRCP	☐ Green	☒ Yellow
RAC 0 OPRs / Eval / Sampled / People	10 / 0 / 0 / 42	HHIM data calls	☐ Green	☒ Yellow	☐ Red	Respiratory protection prgm	☒ Green	☐ Yellow
Admin OPRs / Eval / Sampled / People	15 / 1 / 0 / 5	Recordkeeping	☐ Green	☒ Yellow	☐ Red	Personal protective equip prgm	☐ Green	☒ Yellow
Industrial OPRs / Eval / Sampled / People	127 / 14 / 0 / 194	Timekeeping	☐ Green	☐ Yellow	☒ Red	Design review prgm	☒ Green	☐ Yellow
OPRs with exposure > AL	0	Follow-up	☐ Green	☐ Yellow	☒ Red	Ergonomics prgm	☐ Green	☒ Yellow
OPRs with exposure > std		Hazard abatement plan	☐ Green	☐ Yellow	☒ Red	Biological hazard control prgm	☐ Green	☒ Yellow
OPRs requiring RPE	1	Staff training	☐ Green	☐ Yellow	☒ Red	Confined space entry prgm	☐ Green	☒ Yellow
OPRs RPE required but not used	0	Credentialing/privileging	☐ Green	☐ Yellow	☒ Red	Prgrms supported	☐ Green	☐ Yellow
OPRs RPE used but not required	0	Facilities	☒ Green	☐ Yellow	☐ Red	Problems/Support	☐ Green	☐ Yellow
OPRs sampled to date	6	Equipment	☒ Green	☐ Yellow	☐ Red	Code	☐ Green	☐ Yellow
		Internal audits	☐ Green	☐ Yellow	☒ Red	Schedule	☐ Green	☐ Yellow
Status current HHIM analysis	☐ Green ☒ Yellow ☐ Red	Status prgm mgmt	☐ Green ☒ Yellow ☐ Red	Score: 24		Comp		
HHIM Data Trend Analysis		Manpower Analysis						
Indicator	1992	1993	1994	Required	Authorized	Current		
OPRs / People	119 / 172	127 / 185	142 / 199	2	2	0		
% OPRs coded RAC 1+2 / # OPRs	1 / 1	1 / 1	1 / 1	1	1	1		
% OPRs coded RAC 3 / # OPRs	23 / 27	21 / 27	19 / 27	0	0	0		
% OPRs coded RAC 4+5 / # OPRs	68 / 81	70 / 89	73 / 104	N/A	N/A	0		
% OPRs coded RAC 0 / # OPRs	8 / 10	8 / 10	7 / 10	N/A	N/A	0		
% OPRs reeval next yr / # OPRs	1 / 1	0 / 0	0 / 0	N/A	N/A	0		
% OPRs evaluated / # OPRs	40 / 48	6 / 8	11 / 15	N/A	N/A	0		
% OPRs sampled / # OPRs	4 / 5	1 / 1	0 / 0	3	3	1		
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0	CIH / IHIT / CSP / COHST			0 / 0 / 0 / 0	
% OPRs with exp > std / # OPRs	/	/	/	Status manpower			☐ Green ☐ Yellow ☒ Red Score: 1	
% OPRs requiring RPE / # OPRs	5 / 6	0 / 0	1 / 1	Budget Analysis (\$1,000)				
% OPRs req RPE not used / # OPRs	0 / 0	0 / 0	0 / 0	FY	CY	BY	98	99
% OPRs RPE used not req / # OPRs	2 / 2	0 / 0	0 / 0	Required	240			
Samples collected to date	10	11	11	Requested	15			
Status HHIM trend analysis	☐ Green ☒ Yellow ☐ Red	Score: 25		Authorized	0			
Cost Savings Analysis		Status HHIM		Executed	0			
Algorithm being developed, section not scored		Shortfall		240				
		Status budget		☐ Green ☐ Yellow ☒ Red	Score: 1			
		Comments						
		BRAC in '99; no recruitment actions. Program run by IH Tech, does well. Poor input of HHIM data. Run RPP and confined space entry programs.						
Status - potential cost savings		☐ Green	☐ Yellow	☐ Red	Score: 0			

Fort Belvoir Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 51062										IH Program Status		Program Management Analysis		Occ. Risk Factor ORF1: 1 ORF2: 1		ORF Rank: 42								
Current Data Analysis (1994)										Program Management Analysis		Occ. Risk Factor ORF1: 1 ORF2: 1		ORF Rank: 42										
OPRs / Eval / Sampled / People										2201	1	0	0	1519	Program document	Green	Yellow	Red						
RAC 1+2 OPRs / Eval / Sampled / People										1	1	0	0	1	HHIM	Green	Yellow	Red						
RAC 3 OPRs / Eval / Sampled / People										3	1	2	0	26	IHIP	Green	Yellow	Red						
RAC 4+5 OPRs / Eval / Sampled / People										154	1	71	0	1003	EPC	Green	Yellow	Red						
RAC 0 OPRs / Eval / Sampled / People										2042	1	218	0	4234	HHIM data calls	Green	Yellow	Red						
Admin OPRs / Eval / Sampled / People										597	1	66	0	347	Recordkeeping	Green	Yellow	Red						
Industrial OPRs / Eval / Sampled / People										1604	1	225	0	1172	Timekeeping	Green	Yellow	Red						
OPRs with exposure > AL										0					Follow-up	Green	Yellow	Red						
OPRs with exposure > std										22					Hazard abatement plan	Green	Yellow	Red						
OPRs requiring RPE										2					Staff training	Green	Yellow	Red						
OPRs RPE required but not used										1					Credentialed/privileging	Green	Yellow	Red						
OPRs RPE used but not required										3					Facilities	Green	Yellow	Red						
OPRs sampled to date															Equipment	Green	Yellow	Red						
															Internal audits	Green	Yellow	Red						
Status current HHIM analysis										Green	Yellow	Red	Score: 21	Status prgm mgmt	Green	Yellow	Red	Score: 28						
HHIM Data Trend Analysis															Manpower Analysis									
Indicator										1992	1993	1994	Score: 21	Required					Authorized	Current				
OPRs / People										1182	716	1946	1156	2201	1519	1					1	1		
% OPRs coded RAC 1+2 / # OPRs										0	1	0	1	0	1	3					1	1		
% OPRs coded RAC 3 / # OPRs										0	0	0	1	0	3	0					0	0		
% OPRs coded RAC 4+5 / # OPRs										5	56	5	92	7	154	N/A					N/A	0		
% OPRs coded RAC 0 / # OPRs										95	1125	95	1851	93	2042	N/A					N/A	0		
% OPRs reeval next yr / # OPRs										2	18	7	142	0	5	N/A					N/A	0		
% OPRs evaluated / # OPRs										44	515	47	920	13	291	4					2	2		
% OPRs sampled / # OPRs										0	0	0	3	0	0	0					0	0		
% OPRs with exp > AL / # OPRs										0	0	0	0	0	0	0					0	0		
% OPRs with exp > std / # OPRs										1	8	0	7	1	22	0					0	0		
% OPRs requiring RPE / # OPRs										0	0	0	1	0	2	270					01	02		
% OPRs req RPE not used / # OPRs										0	0	0	1	0	1	150								
% OPRs RPE used not req / # OPRs										0	2	0	4	0	1	102								
Samples collected to date										0	3	3	Score: 17	Authorized	102	102								
Status HHIM trend analysis										Green	Yellow	Red	Score: 17	Executed	168	168								
Cost Savings Analysis															Status budget					Green	Yellow	Red	Score: 3	
Algorithm being developed, section not scored																				Comments				
Status - potential cost savings										Green	Yellow	Red	Score: 0						CHPPM response is slow. Need added manpower.					

All Army Installation Industrial Hygiene Program One-Page Summary Reports

Fort Benning Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 13077		IH Program Status		Green	Yellow	Red	Occ. Risk Factor ORF1: 55 ORF2: 18 ORF Rank: 7	
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported				
OPRs / Eval / Sampled / People	690 / 143 / 0 / 1817	Program document	☒ Green	☐ Yellow	☐ Red	Response to complaints	☒ Green	☐ Yellow
RAC 1+2 OPRs / Eval / Sampled / People	26 / 1 / 0 / 163	HHIM	☒ Green	☐ Yellow	☐ Red	Occ. health prgm	☒ Green	☐ Yellow
RAC 3 OPRs / Eval / Sampled / People	655 / 141 / 0 / 5484	IHIP	☒ Green	☐ Yellow	☐ Red	Hazard communication prgm	☒ Green	☐ Yellow
RAC 4+5 OPRs / Eval / Sampled / People	3 / 1 / 0 / 28	EPC	☒ Green	☐ Yellow	☐ Red	CRCP	☒ Green	☐ Yellow
RAC 0 OPRs / Eval / Sampled / People	5 / 0 / 0 / 13	HHIM data calls	☒ Green	☐ Yellow	☐ Red	Respiratory protection prgm	☒ Green	☐ Yellow
Admin OPRs / Eval / Sampled / People	25 / 12 / 0 / 94	Recordkeeping	☒ Green	☐ Yellow	☐ Red	Personal protective equip prgm	☒ Green	☐ Yellow
Industrial OPRs / Eval / Sampled / People	665 / 131 / 0 / 1723	Timekeeping	☒ Green	☐ Yellow	☐ Red	Design review prgm	☒ Green	☐ Yellow
OPRs with exposure > AL	0	Follow-up	☒ Green	☐ Yellow	☐ Red	Ergonomics prgm	☒ Green	☐ Yellow
OPRs with exposure > std		Hazard abatement plan	☒ Green	☐ Yellow	☐ Red	Biological hazard control prgm	☒ Green	☐ Yellow
OPRs requiring RPE	0	Staff training	☒ Green	☐ Yellow	☐ Red	Confined space entry prgm	☒ Green	☐ Yellow
OPRs RPE required but not used	0	Credentialing/privileging	☒ Green	☐ Yellow	☐ Red	Prgrms supported	☒ Green	☐ Yellow
OPRs RPE used but not required	0	Facilities	☒ Green	☐ Yellow	☐ Red	Problems/Support	☐ Yellow	Red Score: 29
OPRs sampled to date	0	Equipment	☒ Green	☐ Yellow	☐ Red	Code	☐ Yellow	Schedule
		Internal audits	☒ Green	☐ Yellow	☐ Red	Comp		
Status current HHIM analysis	☐ Green ☒ Yellow ☐ Red	Status prgm mgmt	☒ Green ☐ Yellow ☐ Red	Red Score: 36				
HHIM Data Trend Analysis		Manpower Analysis						
Indicator	1992	1993	1994	Required	Authorized	Current		
OPRs / People	389 / 1204	599 / 1503	690 / 1817	1	1	1		
% OPRs coded RAC 1+2 / # OPRs	6 / 22	4 / 25	4 / 26	2	2	1		
% OPRs coded RAC 3 / # OPRs	93 / 361	94 / 566	95 / 655	0	0	0		
% OPRs coded RAC 4+5 / # OPRs	0 / 1	0 / 2	0 / 3	N/A	N/A	0		
% OPRs coded RAC 0 / # OPRs	1 / 5	1 / 5	1 / 5	N/A	N/A	1		
% OPRs reeval next yr / # OPRs	2 / 8	13 / 80	4 / 31	N/A	N/A	0		
% OPRs evaluated / # OPRs	72 / 280	57 / 339	21 / 143	3	3	3		
% OPRs sampled / # OPRs	0 / 0	0 / 0	0 / 0	CIH / IHIT / CSP / COHST			0 / 0 / 0 / 0	
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0	Status manpower			☐ Green ☐ Yellow ☐ Red	
% OPRs with exp > std / # OPRs	0 / 0	0 / 0	0 / 0	Budget Analysis (\$1,000)			Red Score: 1	
% OPRs requiring RPE / # OPRs	3 / 13	2 / 12	0 / 0	CY	BY	98	99	00
% OPRs req RPE not used / # OPRs	0 / 1	0 / 0	0 / 0	Required	220			01
% OPRs RPE used not req / # OPRs	0 / 0	0 / 0	0 / 0	Requested	0			02
Samples collected to date	0	0	0	Authorized	0			
Status HHIM trend analysis	☐ Green ☒ Yellow ☐ Red	Score: 24		Executed	0			
Cost Savings Analysis		Shortfall		Status budget		Green		Yellow
Algorithm being developed, section not scored		220		220		Red		Score: 1
Comments								
Uses Installation PATs to develop installation programs, Uses single Source Safety Document (chapter in Installation 385).								
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0								

DATE: 19-JUN-96

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All Army Installation Industrial Hygiene Program One-Page Summary Reports

Fort Bragg Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 37099										Occ. Risk Factor ORF1: 9 ORF2: 2 ORF Rank: 34									
Current Data Analysis (1994)										Installation Programs Supported									
OPRs / Eval / Sampled / People										Response to complaints									
RAC 1+2 OPRs / Eval / Sampled / People										Occ. health prgm									
RAC 3 OPRs / Eval / Sampled / People										Hazard communication prgm									
RAC 4+5 OPRs / Eval / Sampled / People										CRCP									
RAC 0 OPRs / Eval / Sampled / People										Respiratory protection prgm									
Admin OPRs / Eval / Sampled / People										Personal protective equip prgm									
Industrial OPRs / Eval / Sampled / People										Design review prgm									
OPRs with exposure > AL										Ergonomics prgm									
OPRs with exposure > sid										Biological hazard control prgm									
OPRs requiring RPE										Confined space entry prgm									
OPRs RPE required but not used										Prgrms supported									
OPRs RPE used but not required										Problems/Support									
OPRs sampled to date										Code									
										Schedule									
										Comp									
Status current HHIM analysis										Status prgm mgmt									
Indicator										Required									
OPRs / People										Authorized									
% OPRs coded RAC 1+2 / # OPRs										Current									
% OPRs coded RAC 3 / # OPRs										IH techs									
% OPRs coded RAC 4+5 / # OPRs										Clerical									
% OPRs coded RAC 0 / # OPRs										IH enhancements									
% OPRs reeval next yr / # OPRs										Tech enhancements									
% OPRs evaluated / # OPRs										Clerical enhancements									
% OPRs sampled / # OPRs										Totals									
% OPRs with exp > AL / # OPRs										CIH / IHT / CSP / COHST									
% OPRs with exp > std / # OPRs										Status manpower									
% OPRs requiring RPE / # OPRs										Budget Analysis (\$1,000)									
% OPRs req RPE not used / # OPRs										CY									
% OPRs RPE used not req / # OPRs										BY									
Samples collected to date										Required									
Status HHIM trend analysis										Requested									
Cost Savings Analysis										Authorized									
Algorithm being developed, section not scored										Executed									
										Shortfall									
										Status budget									
										Red Score: 1									
										Comments									
										DPW pays for one IH Tech. 45,000 troop. 7,000 civilians. Big backlog in HHIM entry. Written documentation is lacking.									
Status - potential cost savings										Red Score: 0									

DATE: 19-Jun-96

DATE: 19-Jun-96

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Fort Campbell Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 21128		Current Data Analysis (1994)				IH Program Status			Program Management Analysis			Occ. Risk Factor ORF1: 16 ORF2: 5 ORF Rank: 20																																																																																																																																																																																																				
OPRs / Eval / Sampled / People	144 / 0 / 0 / 182	144 / 0 / 0 / 182	144 / 0 / 0 / 182	144 / 0 / 0 / 182	Program document	☒ Green	☐ Yellow	☐ Red	Response to complaints	☐ Green	☐ Yellow	☒ Red																																																																																																																																																																																																				
RAC 1+2 OPRs / Eval / Sampled / People	2 / 0 / 0 / 29	2 / 0 / 0 / 29	2 / 0 / 0 / 29	2 / 0 / 0 / 29	HHIM	☐ Green	☒ Yellow	☐ Red	Occ. health prgm	☒ Green	☐ Yellow	☐ Red																																																																																																																																																																																																				
RAC 3 OPRs / Eval / Sampled / People	65 / 0 / 0 / 576	65 / 0 / 0 / 576	65 / 0 / 0 / 576	65 / 0 / 0 / 576	IHIP	☒ Green	☐ Yellow	☐ Red	Hazard communication prgm	☐ Green	☐ Yellow	☒ Red																																																																																																																																																																																																				
RAC 4+5 OPRs / Eval / Sampled / People	66 / 0 / 0 / 389	66 / 0 / 0 / 389	66 / 0 / 0 / 389	66 / 0 / 0 / 389	EPC	☐ Green	☒ Yellow	☐ Red	CRCP	☐ Green	☒ Yellow	☐ Red																																																																																																																																																																																																				
RAC 0 OPRs / Eval / Sampled / People	11 / 0 / 0 / 31	11 / 0 / 0 / 31	11 / 0 / 0 / 31	11 / 0 / 0 / 31	HHIM data calls	☐ Green	☐ Yellow	☒ Red	Respiratory protection prgm	☐ Green	☒ Yellow	☐ Red																																																																																																																																																																																																				
Admin OPRs / Eval / Sampled / People	6 / 0 / 0 / 10	6 / 0 / 0 / 10	6 / 0 / 0 / 10	6 / 0 / 0 / 10	Recordkeeping	☒ Green	☐ Yellow	☐ Red	Personal protective equip prgm	☐ Green	☒ Yellow	☐ Red																																																																																																																																																																																																				
Industrial OPRs / Eval / Sampled / People	138 / 0 / 0 / 172	138 / 0 / 0 / 172	138 / 0 / 0 / 172	138 / 0 / 0 / 172	Timekeeping	☐ Green	☐ Yellow	☒ Red	Design review prgm	☒ Green	☐ Yellow	☐ Red																																																																																																																																																																																																				
OPRs with exposure > AL	0	0	0	0	Follow-up	☐ Green	☐ Yellow	☒ Red	Ergonomics prgm	☐ Green	☐ Yellow	☒ Red																																																																																																																																																																																																				
OPRs with exposure > std	0	0	0	0	Hazard abatement plan	☐ Green	☐ Yellow	☒ Red	Biological hazard control prgm	☐ Green	☐ Yellow	☒ Red																																																																																																																																																																																																				
OPRs requiring RPE	0	0	0	0	Staff training	☒ Green	☐ Yellow	☐ Red	Confined space entry prgm	☐ Green	☒ Yellow	☐ Red																																																																																																																																																																																																				
OPRs RPE required but not used	0	0	0	0	Credentialed/priviledging	☐ Green	☐ Yellow	☒ Red	Prgrms supported	☐ Green	☐ Yellow	☐ Red																																																																																																																																																																																																				
OPRs RPE used but not required	0	0	0	0	Facilities	☐ Green	☒ Yellow	☐ Red	Problems/Support	☐ Green	☐ Yellow	☐ Red																																																																																																																																																																																																				
OPRs sampled to date	0	0	0	0	Equipment	☒ Green	☐ Yellow	☐ Red	Code	☐ Green	☐ Yellow	☐ Red																																																																																																																																																																																																				
Status current HHIM analysis	☐ Green ☒ Yellow ☐ Red	Score: 24	Score: 24	Score: 24	Internal audits	☐ Green	☒ Yellow	☐ Red	Schedule	☐ Green	☐ Yellow	☐ Red																																																																																																																																																																																																				
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Fort Carson Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 08135										IH Program Status										Occ. Risk Factor ORF1: 43 ORF2: 21 ORF Rank: 3									
Current Data Analysis (1994)										Program Management Analysis										Installation Programs Supported									
OPRs / Eval / Sampled / People										Program document										Response to complaints									
RAC 1+2 OPRs / Eval / Sampled / People										HHIM										Occ. health prgm									
RAC 3 OPRs / Eval / Sampled / People										IHIP										Hazard communication prgm									
RAC 4+5 OPRs / Eval / Sampled / People										EPC										CRCP									
RAC 0 OPRs / Eval / Sampled / People										HHIM data calls										Respiratory protection prgm									
Admin OPRs / Eval / Sampled / People										Recordkeeping										Personal protective equip prgm									
Industrial OPRs / Eval / Sampled / People										Timekeeping										Design review prgm									
OPRs with exposure > AL										Follow-up										Ergonomics prgm									
OPRs with exposure > std										Hazard abatement plan										Biological hazard control prgm									
OPRs requiring RPE										Staff training										Confined space entry prgm									
OPRs RPE required but not used										Credentialing/privileging										Prgrms supported									
OPRs RPE used but not required										Facilities										Yellow									
OPRs sampled to date										Equipment										Red									
										Internal audits										Yellow									
Status current HHIM analysis										Status prgm mgmt										Red									
																				Red Score: 31									
HHIM Data Trend Analysis										Manpower Analysis																			
Indicator										Required										Authorized									
OPRs / People										IH techs										Current									
% OPRs coded RAC 1+2 / # OPRs										Clerical										1									
% OPRs coded RAC 3 / # OPRs										IH enhancements										0									
% OPRs coded RAC 4+5 / # OPRs										Tech enhancements										N/A									
% OPRs coded RAC 0 / # OPRs										Clerical enhancements										N/A									
% OPRs reeval next yr / # OPRs										Totals										3									
% OPRs evaluated / # OPRs										CIH / IHIT / CSP / COHST										0 / 1 / 0 / 0									
% OPRs sampled / # OPRs										Status manpower										Green									
% OPRs with exp > AL / # OPRs										Budget Analysis (\$1,000)										Red Score: 2									
% OPRs with exp > std / # OPRs										CY										BY									
										240										98									
OPRs requiring RPE / # OPRs										Required										01									
OPRs req RPE not used / # OPRs										Requested										02									
OPRs RPE used not req / # OPRs										Authorized										0									
Samples collected to date										Executed										0									
Status HHIM trend analysis										Shortfall										240									
										Status budget										Green									
										Red										Yellow									
										Red Score: 1																			
Cost Savings Analysis										Comments																			
Algorithm being developed, section not scored										Needs training in Direct reading instruments, design review and ergonomics. No e-mail.																			
Status - potential cost savings										Green										Yellow									
										Red										Score 0									

Fort Detrick Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 24226		Current Data Analysis (1994)				IH Program Status				Program Management Analysis				Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 57			
OPRs / Eval / Sampled / People		1776 / 495 / 6 / 2304				Green		Yellow		Red		Response to complaints		Green		Yellow	
RAC 1+2 OPRs / Eval / Sampled / People		1 / 0 / 0 / 14				Green		Yellow		Red		Occ. health prgm		Green		Yellow	
RAC 3 OPRs / Eval / Sampled / People		4 / 0 / 0 / 16				Green		Yellow		Red		Hazard communication prgm		Green		Yellow	
RAC 4+5 OPRs / Eval / Sampled / People		28 / 1 / 1 / 86				Green		Yellow		Red		CRCP		Green		Yellow	
RAC 0 OPRs / Eval / Sampled / People		1743 / 494 / 2 / 4821				Green		Yellow		Red		Respiratory protection prgm		Green		Yellow	
Admin OPRs / Eval / Sampled / People		932 / 342 / 0 / 1363				Green		Yellow		Red		Personal protective equip prgm		Green		Yellow	
Industrial OPRs / Eval / Sampled / People		844 / 153 / 6 / 941				Green		Yellow		Red		Design review prgm		Green		Yellow	
OPRs with exposure > AL		1				Green		Yellow		Red		Ergonomics prgm		Green		Yellow	
OPRs with exposure > std		2				Green		Yellow		Red		Biological hazard control prgm		Green		Yellow	
OPRs requiring RPE		1				Green		Yellow		Red		Confined space entry prgm		Green		Yellow	
OPRs RPE required but not used		3				Green		Yellow		Red		Prgrms supported		Green		Yellow	
OPRs RPE used but not required		16				Green		Yellow		Red		Problems/Support		Yellow		Red	
OPRs sampled to date		16				Green		Yellow		Red		Code		Schedule		Comp	
Status current HHIM analysis		Green		Yellow		Red		Red		Score: 21		Manpower Analysis		Required		Authorized	
Indicator		1992		1993		1994								Current			
OPRs / People		841 / 1233		1462 / 2106		1776 / 2304								IH's		1	
% OPRs coded RAC 1+2 / # OPRs		0 / 1		0 / 1		0 / 1								IH techs		1	
% OPRs coded RAC 3 / # OPRs		0 / 4		0 / 4		0 / 4								Clerical		0	
% OPRs coded RAC 4+5 / # OPRs		3 / 27		2 / 27		2 / 28								IH enhancements		N/A	
% OPRs coded RAC 0 / # OPRs		96 / 809		98 / 1430		98 / 1743								Tech enhancements		N/A	
% OPRs reeval next yr / # OPRs		4 / 34		6 / 81		5 / 81								Clerical enhancements		N/A	
% OPRs evaluated / # OPRs		69 / 577		50 / 731		28 / 495								Totals		4	
% OPRs sampled / # OPRs		1 / 6		0 / 7		0 / 6								CIH / IHT / CSP / COHST		0 / 1 / 0 / 0	
% OPRs with exp > AL / # OPRs		0 / 2		0 / 0		0 / 1								Status manpower		Green	
% OPRs with exp > std / # OPRs		/		/		/								Status		Red	
% OPRs requiring RPE / # OPRs		2 / 16		1 / 18		0 / 2								FY		CY	
% OPRs req RPE not used / # OPRs		0 / 1		0 / 2		0 / 1								Required		0	
% OPRs RPE used not req / # OPRs		1 / 11		0 / 7		0 / 3								Requested		278	
Samples collected to date		31		38		44								Authorized		0	
Status HHIM trend analysis		Green		Yellow		Red								Executed		0	
Cost Savings Analysis		Green		Yellow		Red								Shortfall		0	
Algorithm being developed, section not scored		Green		Yellow		Red								Status budget		Green	
		Green		Yellow		Red								Red		Score: 1	
		Green		Yellow		Red								Comments			
		Green		Yellow		Red								Use contract lab.			
Status - potential cost savings		Green		Yellow		Red										Score: 0	

Fort Drum Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 36216		IH Program Status				Green		Yellow		Red		Occ. Risk Factor ORF1: 0		ORF2: 0		ORF Rank: 58	
Current Data Analysis (1994)		Program Management Analysis										Installation Programs Supported					
OPRs / Eval / Sampled / People	143 / 118 / 0 / 188	Program document										Response to complaints					
RAC 1+2 OPRs / Eval / Sampled / People	2 / 2 / 0 / 34	HHIM										Occ. health prgm					
RAC 3 OPRs / Eval / Sampled / People	16 / 10 / 0 / 65	IHIP										Hazard communication prgm					
RAC 4+5 OPRs / Eval / Sampled / People	123 / 106 / 0 / 708	EPC										CRCP					
RAC 0 OPRs / Eval / Sampled / People	2 / 0 / 0 / 4	HHIM data calls										Respiratory protection prgm					
Admin OPRs / Eval / Sampled / People	4 / 2 / 0 / 8	Recordkeeping										Personal protective equip prgm					
Industrial OPRs / Eval / Sampled / People	139 / 116 / 0 / 180	Timekeeping										Design review prgm					
OPRs with exposure > AL	0	Follow-up										Ergonomics prgm					
OPRs with exposure > std		Hazard abatement plan										Biological hazard control prgm					
OPRs requiring RPE	14	Staff training										Confined space entry prgm					
OPRs RPE required but not used	0	Credentialing/priviledging										Prgrms supported					
OPRs RPE used but not required	0	Facilities										Problems/Support					
OPRs sampled to date	1	Equipment										Code					
		Internal audits										Schedule					
Status current HHIM analysis	Green	Status prgm mgmt										Yellow					
		Manpower Analysis										Red					
		Required										Authorized					
		Current										Current					
OPRs / People	25 / 23	1993										1994					
% OPRs coded RAC 1+2 / # OPRs	0 / 0	0 / 0										1 / 2					
% OPRs coded RAC 3 / # OPRs	24 / 6	24 / 6										11 / 16					
% OPRs coded RAC 4+5 / # OPRs	68 / 17	68 / 17										86 / 123					
% OPRs coded RAC 0 / # OPRs	8 / 2	8 / 2										1 / 2					
% OPRs reeval next yr / # OPRs	4 / 1	0 / 0										0 / 0					
% OPRs evaluated / # OPRs	64 / 16	0 / 0										83 / 118					
% OPRs sampled / # OPRs	4 / 1	0 / 0										0 / 0					
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0										0 / 0					
% OPRs with exp > std / # OPRs	0 / 0	0 / 0										0 / 0					
% OPRs requiring RPE / # OPRs	4 / 1	0 / 0										10 / 14					
% OPRs req RPE not used / # OPRs	0 / 0	0 / 0										0 / 0					
% OPRs RPE used not req / # OPRs	0 / 0	0 / 0										0 / 0					
Samples collected to date	1	1										1					
Status HHIM trend analysis	Green	Yellow										Red					
		Cost Savings Analysis										Score: 23					
Algorithm being developed, section not scored																	
Comments																	
No 1994 HHIM data for Ft Drum. Run RPE program. Need information on PPE program. Tech headed to ergonomics course.																	
Status - potential cost savings																	
Green																	
Yellow																	
Red																	
Score 0																	

All Army Installation Industrial Hygiene Program One-Page Summary Reports

Fort Eustis Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 51281										IH Program Status										Occ. Risk Factor ORF1: 46										ORF2: 16										ORF Rank: 8																																							
Current Data Analysis (1994)										Program Management Analysis										Installation Programs Supported																																																											
OPRs / Eval / Sampled / People										Program document										Response to complaints										Green										Yellow										Red																													
RAC 1+2 OPRs / Eval / Sampled / People										HHIM										Occ. health prgm										Green										Yellow										Red																													
RAC 3 OPRs / Eval / Sampled / People										IHIP										Hazard communication prgm										Green										Yellow										Red																													
RAC 4+5 OPRs / Eval / Sampled / People										EPC										CRCP										Green										Yellow										Red																													
RAC 0 OPRs / Eval / Sampled / People										HHIM data calls										Respiratory protection prgm										Green										Yellow										Red																													
Admin OPRs / Eval / Sampled / People										Recordkeeping										Personal protective equip prgm										Green										Yellow										Red																													
Industrial OPRs / Eval / Sampled / People										Timekeeping										Design review prgm										Green										Yellow										Red																													
OPRs with exposure > AL										Follow-up										Ergonomics prgm										Green										Yellow										Red																													
OPRs with exposure > std										Hazard abatement plan										Biological hazard control prgm										Green										Yellow										Red																													
OPRs requiring RPE										Staff training										Confined space entry prgm										Green										Yellow										Red																													
OPRs RPE required but not used										Credentialed/priviledging										Prgrms supported										Green										Yellow										Red																													
OPRs RPE used but not required										Facilities										Problems/Support										Code										Schedule										Comp																													
OPRs sampled to date										Equipment																																																																					
										Internal audits																																																																					
Status current HHIM analysis										Status prgm mgmt										Status Score: 32																																																											
HHIM Data Trend Analysis										Manpower Analysis																																																																					
Indicator										Required										Authorized										Current																																																	
OPRs / People										710 / 3603										2										2										1																																							
% OPRs coded RAC 1+2 / # OPRs										0 / 3										1										1										2																																							
% OPRs coded RAC 3 / # OPRs										89 / 631										0										0										0																																							
% OPRs coded RAC 4+5 / # OPRs										7 / 51										N/A										N/A										0																																							
% OPRs coded RAC 0 / # OPRs										4 / 25										N/A										N/A										0																																							
% OPRs reeval next yr / # OPRs										24 / 172										N/A										N/A										0																																							
% OPRs evaluated / # OPRs										64 / 457										3										3										3																																							
% OPRs sampled / # OPRs										2 / 11										0										0										0																																							
% OPRs with exp > AL / # OPRs										1 / 4										0										0										1																																							
% OPRs with exp > std / # OPRs										/																																																																					
% OPRs requiring RPE / # OPRs										12 / 86										5										5										5																																							
% OPRs req RPE not used / # OPRs										1 / 10										0										0										4																																							
% OPRs RPE used not req / # OPRs										2 / 17										2										2										19																																							
Samples collected to date										60										68										75																																																	
Status HHIM trend analysis										Green										Yellow										Red										Score: 26																																							
Cost Savings Analysis																																																																															
Algorithm being developed, section not scored																																																																															
Status - potential cost savings										Green										Yellow										Red										Score 0																																							
Big HHIM backlog, computer problem, Detrick could not replace.																																																																															

Fort George G. Meade Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 24571		IH Program Status		Green	Yellow	Red	Occ. Risk Factor ORF1: 6		ORF2: 3		ORF Rank: 31		
Current Data Analysis (1994)		Program Management Analysis					Installation Programs Supported						
OPRs / Eval / Sampled / People	978 / 402 / 6 / 2991	Program document	☐ Green	☐ Yellow	☒ Red	Response to complaints	☐ Green	☒ Yellow	☐ Red				
RAC 1+2 OPRs / Eval / Sampled / People	30 / 0 / 0 / 189	HHIM	☐ Green	☐ Yellow	☒ Red	Occ. health prgm	☐ Green	☒ Yellow	☐ Red				
RAC 3 OPRs / Eval / Sampled / People	92 / 52 / 3 / 630	IHIP	☐ Green	☒ Yellow	☐ Red	Hazard communication prgm	☐ Green	☐ Yellow	☒ Red				
RAC 4+5 OPRs / Eval / Sampled / People	70 / 40 / 0 / 230	EPC	☐ Green	☐ Yellow	☒ Red	CRCP	☐ Green	☐ Yellow	☐ Red				
RAC 0 OPRs / Eval / Sampled / People	786 / 310 / 1 / 3127	HHIM data calls	☒ Green	☐ Yellow	☐ Red	Respiratory protection prgm	☐ Green	☐ Yellow	☒ Red				
Admin OPRs / Eval / Sampled / People	500 / 251 / 1 / 1082	Recordkeeping	☒ Green	☐ Yellow	☐ Red	Personal protective equip prgm	☐ Green	☐ Yellow	☒ Red				
Industrial OPRs / Eval / Sampled / People	478 / 151 / 5 / 1929	Timekeeping	☐ Green	☐ Yellow	☒ Red	Design review prgm	☐ Green	☐ Yellow	☐ Red				
OPRs with exposure > AL	0	Follow-up	☐ Green	☐ Yellow	☒ Red	Ergonomics prgm	☐ Green	☐ Yellow	☒ Red				
OPRs with exposure > std		Hazard abatement plan	☐ Green	☐ Yellow	☒ Red	Biological hazard control prgm	☐ Green	☐ Yellow	☒ Red				
OPRs requiring RPE	9	Staff training	☐ Green	☐ Yellow	☒ Red	Confined space entry prgm	☐ Green	☐ Yellow	☒ Red				
OPRs RPE required but not used	2	Credentiaing/priviledging	☐ Green	☐ Yellow	☒ Red	Prgms supported	☐ Green	☐ Yellow	☒ Red				
OPRs RPE used but not required	0	Facilities	☒ Green	☐ Yellow	☐ Red	Problems/Support	Code	Schedule	Comp				
OPRs sampled to date	22	Equipment	☒ Green	☐ Yellow	☐ Red	Program assistance visit	P-PR						
Status current HHIM analysis	☐ Green ☐ Yellow ☒ Red	Internal audits	☐ Green	☐ Yellow	☒ Red								
Status prgm mgmt		Green		Yellow		Red		Score: 23					
Manpower Analysis		Required		Authorized		Current							
IHs	2	2	2	1	0								
IH techs	1	1	1	0									
Clerical	2	1	1	1									
IH enhancements	N/A	N/A	N/A	0									
Tech enhancements	N/A	N/A	N/A	4									
Clerical enhancements	N/A	N/A	N/A	0									
Totals	5	4	4	6									
CIH / IHIT / CSP / COHST	0 / 0 / 0 / 0 / 0												
Status manpower	☐ Green ☐ Yellow ☐ Red	Score: 3											
Budget Analysis (\$1,000)		CY		BY		98		99		00		01	
FY	300	300	1000	0	0								
Required	300	300	1000	0	0								
Requested	300	300	1000	0	0								
Authorized	300	300	1000	0	0								
Executed	300	300	1000	0	0								
Shortfall	300	300	1000	0	0								
Status budget	☐ Green ☐ Yellow ☐ Red	Score: 1											
Comments		Still doing baseline surveys. Not aware of AMSCO coding. IH techs are funded as MEDCOM overhires.											
Status - potential cost savings		☐ Green	☐ Yellow	☐ Red	Score 0								

All Army Installation Industrial Hygiene Program One-Page Summary Reports

Fort Gordon Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 13355		IH Program Status		Program Management Analysis		Occ. Risk Factor ORF1: 39 ORF2: 20 ORF Rank: 4	
Current Data Analysis (1994)		Green		Yellow		Red	
OPRs / Eval / Sampled / People	656 / 218 / 13 / 4373	Green		Yellow		Red	
RAC 1+2 OPRs / Eval / Sampled / People	7 / 3 / 0 / 56	Green		Yellow		Red	
RAC 3 OPRs / Eval / Sampled / People	485 / 169 / 12 / 7071	Green		Yellow		Red	
RAC 4+5 OPRs / Eval / Sampled / People	41 / 6 / 0 / 96	Green		Yellow		Red	
RAC 0 OPRs / Eval / Sampled / People	123 / 40 / 1 / 465	Green		Yellow		Red	
Admin OPRs / Eval / Sampled / People	41 / 9 / 0 / 64	Green		Yellow		Red	
Industrial OPRs / Eval / Sampled / People	615 / 209 / 13 / 4309	Green		Yellow		Red	
OPRs with exposure > AL	1	Green		Yellow		Red	
OPRs with exposure > std		Green		Yellow		Red	
OPRs requiring RPE	35	Green		Yellow		Red	
OPRs RPE required but not used	2	Green		Yellow		Red	
OPRs RPE used but not required	2	Green		Yellow		Red	
OPRs sampled to date	44	Green		Yellow		Red	
Status current HHIM analysis ☐ Green ☐ Yellow ☐ Red Score: 24		Status prgm mgmt ☐ Green ☐ Yellow ☐ Red Score: 30		Status prgm mgmt ☐ Green ☐ Yellow ☐ Red Score: 30			
HHIM Data Trend Analysis		Manpower Analysis		Budget Analysis (\$1,000)		Program Administrative Information	
Indicator	1992 1993 1994	Required	Authorized	Current			
OPRs / People	414 / 2672 571 / 3700 656 / 4373	1	1	1			
% OPRs coded RAC 1+2 / # OPRs	1 / 6 1 / 6 1 / 7	2	0	1			
% OPRs coded RAC 3 / # OPRs	81 / 336 75 / 431 74 / 485	0	0	0			
% OPRs coded RAC 4+5 / # OPRs	7 / 27 7 / 41 6 / 41	N/A	N/A	1			
% OPRs coded RAC 0 / # OPRs	11 / 45 16 / 93 19 / 123	N/A	N/A	0			
% OPRs reveal next yr / # OPRs	6 / 25 5 / 30 13 / 88	N/A	N/A	0			
% OPRs evaluated / # OPRs	47 / 193 46 / 262 33 / 218	3	1	3			
% OPRs sampled / # OPRs	2 / 10 7 / 38 2 / 13						
% OPRs with exp > AL / # OPRs	0 / 1 0 / 1 0 / 1						
% OPRs with exp > std / # OPRs	/ / /						
% OPRs requiring RPE / # OPRs	4 / 15 2 / 13 5 / 35						
% OPRs req RPE not used / # OPRs	0 / 0 0 / 0 0 / 2						
% OPRs RPE used not req / # OPRs	0 / 2 1 / 7 0 / 2						
Samples collected to date	33 71 84						
Status HHIM trend analysis ☐ Green ☐ Yellow ☐ Red Score: 24							
Cost Savings Analysis		Status budget		Red Score: 3		Comments	
Algorithm being developed, section not scored		Status budget		Red Score: 3		Manages budget for McPherson DDAMC & Ft. Buchanan. Good working relationship with OCCMED. moving people out of MED Surveillance. Computer support from Ft. Detrick, need lots of improvement.	
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score: 0		Status budget		Red Score: 3			

Fort Hood Industrial Hygiene Program Status Report

ARLOC: 48396

DATE: 19-Jun-96

Current Data Analysis (1994)				IH Program Status				Program Management Analysis				Occ. Risk Factor ORF: 25 ORF2: 6 ORF Rank: 18			
OPRs / Eval / Sampled / People	837 / 277 / 0 / 2706	Green	Yellow	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red	Green	Yellow	Red
RAC 1+2 OPRs / Eval / Sampled / People	87 / 17 / 0 / 446	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
RAC 3 OPRs / Eval / Sampled / People	380 / 92 / 0 / 2407	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
RAC 4+5 OPRs / Eval / Sampled / People	317 / 166 / 0 / 2949	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
RAC 0 OPRs / Eval / Sampled / People	53 / 2 / 0 / 314	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
Admin OPRs / Eval / Sampled / People	41 / 18 / 0 / 64	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
Industrial OPRs / Eval / Sampled / People	796 / 259 / 0 / 2642	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
OPRs with exposure > AL	0	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
OPRs with exposure > std	20	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
OPRs requiring RPE	15	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
OPRs RPE required but not used	0	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
OPRs RPE used but not required	12	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
OPRs sampled to date		☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
Status current HHIM analysis	☐ Green ☐ Yellow ☒ Red	Score: 22				Status prgm mgmt				☒ Green ☐ Yellow ☐ Red	Score: 35				
HHIM Data Trend Analysis															
Indicator	1992	1993	1994												
OPRs / People	440 / 1416	588 / 1974	837 / 2706												
% OPRs coded RAC 1+2 / # OPRs	11 / 49	12 / 70	10 / 87												
% OPRs coded RAC 3 / # OPRs	51 / 226	52 / 305	45 / 380												
% OPRs coded RAC 4+5 / # OPRs	26 / 113	27 / 161	38 / 317												
% OPRs coded RAC 0 / # OPRs	12 / 52	9 / 52	6 / 53												
% OPRs reeval next yr / # OPRs	8 / 35	3 / 17	2 / 19												
% OPRs evaluated / # OPRs	25 / 110	28 / 167	33 / 277												
% OPRs sampled / # OPRs	2 / 9	1 / 3	0 / 0												
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0												
% OPRs with exp > std / # OPRs	/	/	/												
% OPRs requiring RPE / # OPRs	5 / 24	3 / 15	2 / 20												
% OPRs req RPE not used / # OPRs	3 / 12	0 / 1	2 / 15												
% OPRs RPE used not req / # OPRs	1 / 6	2 / 12	0 / 0												
Samples collected to date	47	50	50												
Status HHIM trend analysis	☐ Green ☐ Yellow ☒ Red	Score: 22				Status manpower				☐ Green ☐ Yellow ☐ Red	Score: 2				
Cost Savings Analysis															
Algorithm being developed, section not scored															
Comments															
Submits budget, given budget but no draining.															
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0															

All Army Installation Industrial Hygiene Program One-Page Summary Reports

Fort Huachuca Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 04289		Current Data Analysis (1994)		IH Program Status		Program Management Analysis		Occ. Risk Factor ORF1: 2 ORF2: 1 ORF Rank: 43	
OPRs / Eval / Sampled / People		166 / 23 / 0 / 785		Program document		☐ Green ☒ Yellow ☐ Red		Response to complaints	
RAC 1+2 OPRs / Eval / Sampled / People		11 / 0 / 0 / 78		HHIM		☐ Green ☒ Yellow ☐ Red		Occ. health prgm	
RAC 3 OPRs / Eval / Sampled / People		31 / 2 / 0 / 297		IHIP		☐ Green ☒ Yellow ☐ Red		Hazard communication prgm	
RAC 4+5 OPRs / Eval / Sampled / People		115 / 17 / 0 / 1071		EPC		☐ Green ☒ Yellow ☐ Red		CRCP	
RAC 0 OPRs / Eval / Sampled / People		9 / 4 / 0 / 109		HHIM data calls		☐ Green ☒ Yellow ☐ Red		Respiratory protection prgm	
Admin OPRs / Eval / Sampled / People		12 / 1 / 0 / 75		Recordkeeping		☐ Green ☒ Yellow ☐ Red		Personal protective equip prgm	
Industrial OPRs / Eval / Sampled / People		154 / 22 / 0 / 710		Timekeeping		☐ Green ☒ Yellow ☐ Red		Design review prgm	
OPRs with exposure > AL		0		Follow-up		☐ Green ☒ Yellow ☐ Red		Ergonomics prgm	
OPRs with exposure > std		1		Hazard abatement plan		☐ Green ☒ Yellow ☐ Red		Biological hazard control prgm	
OPRs requiring RPE		0		Staff training		☐ Green ☒ Yellow ☐ Red		Confined space entry prgm	
OPRs RPE required but not used		0		Credentialing/privileging		☐ Green ☒ Yellow ☐ Red		Prgrms supported ☐ Green ☐ Yellow ☐ Red Score: 17	
OPRs RPE used but not required		0		Facilities		☐ Green ☒ Yellow ☐ Red		Problems/Support	
OPRs sampled to date		0		Equipment		☐ Green ☒ Yellow ☐ Red		Code	
Status current HHIM analysis ☐ Green ☐ Yellow ☐ Red		Score: 21		Internal audits		☐ Green ☒ Yellow ☐ Red		Schedule	
Status prgm mgmt ☐ Green ☐ Yellow ☐ Red		Score: 25		Program review		☐ Green ☒ Yellow ☐ Red		Comp	
HHIM Data Trend Analysis									
Indicator		1992		1993		1994			
OPRs / People		155 / 693		162 / 746		166 / 785			
% OPRs coded RAC 1+2 / # OPRs		7 / 11		7 / 11		7 / 11			
% OPRs coded RAC 3 / # OPRs		19 / 30		19 / 31		19 / 31			
% OPRs coded RAC 4+5 / # OPRs		72 / 112		70 / 114		69 / 115			
% OPRs coded RAC 0 / # OPRs		1 / 2		4 / 6		5 / 9			
% OPRs reeval next yr / # OPRs		1 / 2		0 / 0		0 / 0			
% OPRs evaluated / # OPRs		26 / 40		5 / 8		14 / 23			
% OPRs sampled / # OPRs		0 / 0		0 / 0		0 / 0			
% OPRs with exp > AL / # OPRs		0 / 0		0 / 0		0 / 0			
% OPRs with exp > std / # OPRs		/		/		/			
% OPRs requiring RPE / # OPRs		7 / 11		1 / 2		1 / 1			
% OPRs req RPE not used / # OPRs		0 / 0		0 / 0		0 / 0			
% OPRs RPE used not req / # OPRs		0 / 0		0 / 0		0 / 0			
Samples collected to date		1		1		1			
Status HHIM trend analysis ☐ Green ☐ Yellow ☐ Red		Score: 14							
Cost Savings Analysis									
Algorithm being developed, section not scored									
Comments									
HHIM data is too limited to draw valid conclusions. IH newly arrived Spring '96.									
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0									

Fort Irwin Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 06419				Current Data Analysis (1994)				IH Program Status				Program Management Analysis				Occ. Risk Factor ORF1:				7 ORF2: 7 ORF Rank: 17			
OPRs / Eval / Sampled / People				354 / 258 / 0 / 2219				Program document				☒ Green ☐ Yellow ☐ Red				Response to complaints				☐ Green ☒ Yellow ☐ Red			
RAC 1+2 OPRs / Eval / Sampled / People				20 / 7 / 0 / 196				HHIM				☒ Green ☐ Yellow ☐ Red				Occ. health prgm				☒ Green ☐ Yellow ☐ Red			
RAC 3 OPRs / Eval / Sampled / People				107 / 54 / 0 / 1381				IHIP				☒ Green ☐ Yellow ☐ Red				Hazard communication prgm				☐ Green ☒ Yellow ☐ Red			
RAC 4+5 OPRs / Eval / Sampled / People				220 / 195 / 0 / 4786				EPC				☒ Green ☐ Yellow ☐ Red				CRCP				☐ Green ☒ Yellow ☐ Red			
Admin OPRs / Eval / Sampled / People				7 / 2 / 0 / 108				HHIM data calls				☒ Green ☐ Yellow ☐ Red				Respiratory protection prgm				☒ Green ☐ Yellow ☐ Red			
Industrial OPRs / Eval / Sampled / People				3 / 1 / 0 / 11				Recordkeeping				☒ Green ☐ Yellow ☐ Red				Personal protective equip prgm				☐ Green ☒ Yellow ☐ Red			
OPRs with exposure > AL				351 / 257 / 0 / 2208				Timekeeping				☒ Green ☐ Yellow ☐ Red				Design review prgm				☐ Green ☒ Yellow ☐ Red			
OPRs with exposure > std				0				Follow-up				☒ Green ☐ Yellow ☐ Red				Ergonomics prgm				☐ Green ☒ Yellow ☐ Red			
OPRs requiring RPE				3				Hazard abatement plan				☐ Green ☐ Yellow ☐ Red				Biological hazard control prgm				☐ Green ☒ Yellow ☐ Red			
OPRs RPE required but not used				0				Staff training				☒ Green ☐ Yellow ☐ Red				Confined space entry prgm				☐ Green ☒ Yellow ☐ Red			
OPRs RPE used but not required				1				Credentialing/priviledging				☐ Green ☒ Yellow ☐ Red				Prgrms supported				☐ Green ☐ Yellow ☐ Red			
OPRs sampled to date				2				Facilities				☐ Green ☒ Yellow ☐ Red				Problems/Support				Code Schedule Comp			
Status current HHIM analysis				☐ Green ☒ Yellow ☐ Red Score: 31				Equipment				☒ Green ☐ Yellow ☐ Red											
Status current HHIM analysis				☐ Green ☒ Yellow ☐ Red Score: 31				Internal audits				☐ Green ☒ Yellow ☐ Red											
Status current HHIM analysis				☐ Green ☒ Yellow ☐ Red Score: 31				Status prgm mgmt				☐ Green ☐ Yellow ☐ Red Score: 34											
Indicator				1992				1993				1994				Manpower Analysis							
OPRs / People				213 / 1213				307 / 1826				354 / 2219				Required				Authorized			
% OPRs coded RAC 1+2 / # OPRs				8 / 16				6 / 19				6 / 20				1				1			
% OPRs coded RAC 3 / # OPRs				31 / 67				32 / 98				30 / 107				1				0			
% OPRs coded RAC 4+5 / # OPRs				58 / 123				60 / 183				62 / 220				0				0			
% OPRs coded RAC 0 / # OPRs				3 / 7				2 / 7				2 / 7				N/A				N/A			
% OPRs reeval next yr / # OPRs				24 / 51				24 / 73				54 / 192				N/A				N/A			
% OPRs evaluated / # OPRs				53 / 113				75 / 231				73 / 258				N/A				N/A			
% OPRs sampled / # OPRs				1 / 2				0 / 0				0 / 0				2				1			
% OPRs with exp > AL / # OPRs				0 / 0				0 / 0				0 / 0				0				0			
% OPRs with exp > std / # OPRs				/				/				/				0				0			
% OPRs requiring RPE / # OPRs				0 / 1				1 / 3				1 / 3				CY				BY			
% OPRs req RPE not used / # OPRs				0 / 0				0 / 0				0 / 0				170				98			
% OPRs RPE used not req / # OPRs				0 / 0				1 / 2				0 / 1				Requested				100			
Samples collected to date				4				4				4				Authorized				0			
Status HHIM trend analysis				☒ Green ☐ Yellow ☐ Red Score: 27				Executed				0				Shortfall				170			
Cost Savings Analysis																							
Algorithm being developed, section not scored																							
Status - potential cost savings				☐ Green ☐ Yellow ☐ Red Score: 0																			
Comments																							
Problems with OHMIS/HHIM/MIM interface-using hand written referrals. CD ROM doesn't work.																							

Fort Jackson Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 45404		IH Program Status		Occ. Risk Factor ORF1: 1		ORF2: 1		ORF Rank: 44	
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported					
OPRs / Eval / Sampled / People	129 / 3 / 0 / 1371	Program document	☒ Green ☐ Yellow ☐ Red	Response to complaints	☒ Green ☐ Yellow ☐ Red				
RAC 1+2 OPRs / Eval / Sampled / People	0 / 0 / 0 / 0	HHIM	☐ Green ☐ Yellow ☐ Red	Occ. health prgm	☒ Green ☐ Yellow ☐ Red				
RAC 3 OPRs / Eval / Sampled / People	10 / 0 / 0 / 124	IHIP	☐ Green ☒ Yellow ☐ Red	Hazard communication prgm	☒ Green ☐ Yellow ☐ Red				
RAC 4+5 OPRs / Eval / Sampled / People	21 / 3 / 0 / 526	EPC	☐ Green ☐ Yellow ☐ Red	CRCP	☐ Green ☒ Yellow ☐ Red				
RAC 0 OPRs / Eval / Sampled / People	98 / 0 / 0 / 802	HHIM data calls	☐ Green ☐ Yellow ☐ Red	Respiratory protection prgm	☒ Green ☐ Yellow ☐ Red				
Admin OPRs / Eval / Sampled / People	4 / 0 / 0 / 26	Recordkeeping	☐ Green ☒ Yellow ☐ Red	Personal protective equip prgm	☐ Green ☒ Yellow ☐ Red				
Industrial OPRs / Eval / Sampled / People	125 / 3 / 0 / 1345	Timekeeping	☐ Green ☐ Yellow ☐ Red	Design review prgm	☐ Green ☐ Yellow ☐ Red				
OPRs with exposure > AL	0	Follow-up	☐ Green ☐ Yellow ☐ Red	Ergonomics prgm	☒ Green ☐ Yellow ☐ Red				
OPRs with exposure > std		Hazard abatement plan	☐ Green ☐ Yellow ☐ Red	Biological hazard control prgm	☒ Green ☐ Yellow ☐ Red				
OPRs requiring RPE	1	Staff training	☐ Green ☐ Yellow ☐ Red	Confined space entry prgm	☒ Green ☐ Yellow ☐ Red				
OPRs RPE required but not used	0	Credentialed/priviledging	☐ Green ☐ Yellow ☐ Red	Prgms supported	☒ Green ☐ Yellow ☐ Red	Score: 26			
OPRs RPE used but not required	0	Facilities	☐ Green ☐ Yellow ☐ Red	Problems/Support	☐ Green ☐ Yellow ☐ Red	Code Schedule Comp			
OPRs sampled to date	0	Equipment	☒ Green ☐ Yellow ☐ Red						
		Internal audits	☐ Green ☐ Yellow ☐ Red						
Status current HHIM analysis	☐ Green ☐ Yellow ☐ Red	Status prgm mgmt	☐ Green ☐ Yellow ☐ Red			Score: 25			
HHIM Data Trend Analysis		Manpower Analysis							
Indicator	1992	1993	1994	Required	Authorized	Current			
OPRs / People	126 / 1369	126 / 1369	129 / 1371	1	1	1			
% OPRs coded RAC 1+2 / # OPRs	0 / 0	0 / 0	0 / 0	3	1	1			
% OPRs coded RAC 3 / # OPRs	8 / 10	8 / 10	8 / 10	0	0	0			
% OPRs coded RAC 4+5 / # OPRs	14 / 18	14 / 18	16 / 21	N/A	N/A	0			
% OPRs coded RAC 0 / # OPRs	78 / 98	78 / 98	76 / 98	N/A	N/A	0			
% OPRs reeval next yr / # OPRs	19 / 24	1 / 1	0 / 0	N/A	N/A	0			
% OPRs evaluated / # OPRs	44 / 55	1 / 1	2 / 3	N/A	N/A	0			
% OPRs sampled / # OPRs	0 / 0	0 / 0	0 / 0	4	2	2			
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0	CIH / IHIT / CSP / COHST			0 / 0 / 0 / 0		
% OPRs with exp > std / # OPRs	0 / 0	0 / 0	0 / 0	Status manpower			☐ Green ☐ Yellow ☐ Red Score: 2		
% OPRs requiring RPE / # OPRs	2 / 3	0 / 0	1 / 1	Budget Analysis (\$1,000)					
% OPRs req RPE not used / # OPRs	0 / 0	0 / 0	0 / 0	FY	CY	BY	98	99	00
% OPRs RPE used not req / # OPRs	2 / 3	0 / 0	0 / 0	Required	270				01
Samples collected to date	0	0	0	Requested	150				02
Status HHIM trend analysis	☐ Green ☐ Yellow ☐ Red	Score: 14	Authorized	150					
Cost Savings Analysis		Status budget		Executed		Shortfall		Status Score: 3	
Algorithm being developed, section not scored		270		0					
Comments									
1. HHIM data is very sparse. 2. HHIM data is too limited to evaluate accurately, it does not appear HHIM has been used in last 3 years.									
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0									

Fort Knox Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 21478										IH Program Status										Occ. Risk Factor ORF1: 170 ORF2: 42 ORF Rank: 1									
Current Data Analysis (1994)										Program Management Analysis										Installation Programs Supported									
OPRs / Eval / Sampled / People										Program document										Response to complaints									
2354 / 742 / 14 / 4849										HHIM										Occ. health prgm									
RAC 1+2 OPRs / Eval / Sampled / People										IHIP										Hazard communication prgm									
1991 / 673 / 3 / 20257										EPC										CRCP									
RAC 4+5 OPRs / Eval / Sampled / People										HHIM data calls										Respiratory protection prgm									
297 / 63 / 0 / 2204										Recordkeeping										Personal protective equip prgm									
RAC 0 OPRs / Eval / Sampled / People										Timekeeping										Design review prgm									
Admin OPRs / Eval / Sampled / People										Follow-up										Ergonomics prgm									
Industrial OPRs / Eval / Sampled / People										Hazard abatement plan										Biological hazard control prgm									
2158 / 681 / 10 / 4425										Staff training										Confined space entry prgm									
OPRs with exposure > AL										Credentiailling/priviledging										Prgrms supported									
1										Facilities										Problems/Support									
OPRs with exposure > std										Equipment										Code									
37										Internal audits										Schedule									
OPRs requiring RPE										Status prgm mgmt										Comp									
OPRs RPE required but not used										Green Yellow Red										Yellow Red Score: 24									
OPRs RPE used but not required										32																			
OPRs sampled to date																													
Status current HHIM analysis										Green Yellow Red										Score: 32									
Indicator										1992 1993 1994																			
OPRs / People										1218 / 3453 1711 / 4214 2354 / 4849																			
% OPRs coded RAC 1+2 / # OPRs										0 / 6 1 / 20 1 / 21																			
% OPRs coded RAC 3 / # OPRs										74 / 900 79 / 1358 85 / 1991																			
% OPRs coded RAC 4+5 / # OPRs										22 / 272 17 / 288 13 / 297																			
% OPRs coded RAC 0 / # OPRs										3 / 39 3 / 44 2 / 44																			
% OPRs reeval next yr / # OPRs										12 / 142 17 / 293 4 / 96																			
% OPRs evaluated / # OPRs										82 / 997 49 / 844 32 / 742																			
% OPRs sampled / # OPRs										1 / 15 1 / 21 1 / 14																			
% OPRs with exp > AL / # OPRs										0 / 1 0 / 3 0 / 1																			
% OPRs with exp > std / # OPRs										/ / /																			
% OPRs requiring RPE / # OPRs										8 / 94 4 / 74 2 / 37																			
% OPRs req RPE not used / # OPRs										0 / 2 0 / 1 0 / 0																			
% OPRs RPE used not req / # OPRs										0 / 5 0 / 0 0 / 0																			
Samples collected to date										64 117 143																			
Status HHIM trend analysis										Green Yellow Red										Score: 26									
Cost Savings Analysis																													
Algorithm being developed, section not scored																													
Status - potential cost savings										Green Yellow Red										Score 0									

All Army Installation Industrial Hygiene Program One-Page Summary Reports

DATE: 19-Jun-96

Fort Leavenworth Industrial Hygiene Program Status Report

ARLOC: 20491		IH Program Status		Green	Yellow	Red	Occ. Risk Factor ORF1: 9 ORF2: 9 ORF Rank: 12	
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported				
OPRs / Eval / Sampled / People	247 / 171 / 0 / 2283	Program document	☒ Green	☐ Yellow	☐ Red	Response to complaints	☒ Green	☐ Yellow
RAC 1+2 OPRs / Eval / Sampled / People	29 / 14 / 0 / 269	HHIM	☐ Green	☐ Yellow	☒ Red	Occ. health prgm	☐ Green	☒ Yellow
RAC 3 OPRs / Eval / Sampled / People	93 / 59 / 0 / 2083	IHIP	☒ Green	☐ Yellow	☐ Red	Hazard communication prgm	☒ Green	☐ Yellow
RAC 4+5 OPRs / Eval / Sampled / People	121 / 96 / 0 / 1683	EPC	☐ Green	☐ Yellow	☒ Red	CRCP	☐ Green	☒ Yellow
RAC 0 OPRs / Eval / Sampled / People	4 / 2 / 0 / 64	HHIM data calls	☐ Green	☒ Yellow	☐ Red	Respiratory protection prgm	☒ Green	☐ Yellow
Admin OPRs / Eval / Sampled / People	57 / 41 / 0 / 711	Recordkeeping	☐ Green	☐ Yellow	☒ Red	Personal protective equip prgm	☒ Green	☐ Yellow
Industrial OPRs / Eval / Sampled / People	190 / 130 / 0 / 1572	Timekeeping	☐ Green	☐ Yellow	☒ Red	Design review prgm	☐ Green	☒ Yellow
OPRs with exposure > AL	0	Follow-up	☐ Green	☒ Yellow	☐ Red	Ergonomics prgm	☐ Green	☒ Yellow
OPRs with exposure > std		Hazard abatement plan	☒ Green	☐ Yellow	☐ Red	Biological hazard control prgm	☒ Green	☐ Yellow
OPRs requiring RPE	47	Staff training	☒ Green	☐ Yellow	☐ Red	Confined space entry prgm	☐ Green	☒ Yellow
OPRs RPE required but not used	38	Credentialed/priviledging	☐ Green	☐ Yellow	☒ Red	Prgms supported	☐ Green	☐ Yellow
OPRs RPE used but not required	6	Facilities	☐ Green	☒ Yellow	☐ Red	Problems/Support	☐ Green	☐ Yellow
OPRs sampled to date	0	Equipment	☒ Green	☐ Yellow	☐ Red	Code	☐ Green	☐ Yellow
		Internal audits	☐ Green	☒ Yellow	☐ Red	Schedule	☐ Green	☐ Yellow
Status current HHIM analysis ☐ Green ☒ Yellow ☐ Red		Score: 25		Lead storage				
HHIM Data Trend Analysis		Manpower Analysis						
Indicator	1992	1993	1994	Required	Authorized	Current		
OPRs / People	152 / 856	208 / 1142	247 / 2283	1	1	1		
% OPRs coded RAC 1+2 / # OPRs	9 / 14	13 / 26	12 / 29	2	0	0		
% OPRs coded RAC 3 / # OPRs	46 / 70	41 / 86	38 / 93	0	0	0		
% OPRs coded RAC 4+5 / # OPRs	44 / 67	45 / 94	49 / 121	N/A	N/A	0		
% OPRs coded RAC 0 / # OPRs	1 / 1	1 / 2	2 / 4	N/A	N/A	0		
% OPRs reeval next yr / # OPRs	0 / 0	44 / 92	36 / 90	N/A	N/A	0		
% OPRs evaluated / # OPRs	97 / 148	73 / 152	69 / 171	N/A	N/A	0		
% OPRs sampled / # OPRs	0 / 0	0 / 0	0 / 0	3	1	1		
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0	CIH / IHIT / CSP / COHST			0 / 0 / 0 / 0	
% OPRs with exp > std / # OPRs	0 / 0	0 / 0	0 / 0	Status manpower			☐ Green ☐ Yellow ☐ Red	
% OPRs requiring RPE / # OPRs	33 / 50	15 / 32	19 / 47	Budget Analysis (\$1,000)			Red Score: 2	
% OPRs req RPE not used / # OPRs	26 / 40	11 / 23	15 / 38	FY	CY	BY	98	99
% OPRs RPE used not req / # OPRs	7 / 10	1 / 2	2 / 6	Required	220		00	01
Samples collected to date	9	9	9	Requested	300		02	
Status HHIM trend analysis ☐ Green ☒ Yellow ☐ Red	Score: 23		Authorized	219				
Cost Savings Analysis		Status HHIM		Executed	0			
Algorithm being developed, section not scored		Shortfall	220					
		Status budget	☐ Green ☐ Yellow ☐ Red	Score: 1				
		Comments						
		Does not use the HHIM. Needs help to support the guard and reserves.						
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red		Score: 0						

Fort Lee Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 51484										IH Program Status		Program Management Analysis		Occ. Risk Factor ORF1: 9 ORF2: 9 ORF Rank: 13									
Current Data Analysis (1994)										Program Management Analysis		Installation Programs Supported											
OPRs / Eval / Sampled / People										320	1	0	1802	Program document	☒ Green	☐ Yellow	☐ Red	Response to complaints	☒ Green	☐ Yellow	☐ Red		
RAC 1+2 OPRs / Eval / Sampled / People										37	0	0	427	HHIM	☒ Green	☐ Yellow	☐ Red	Occ. health prgm	☐ Green	☒ Yellow	☐ Red		
RAC 3 OPRs / Eval / Sampled / People										40	0	0	572	IHIP	☒ Green	☐ Yellow	☐ Red	Hazard communication prgm	☒ Green	☐ Yellow	☐ Red		
RAC 4+5 OPRs / Eval / Sampled / People										187	1	0	1663	EPC	☒ Green	☐ Yellow	☐ Red	CRCP	☒ Green	☐ Yellow	☐ Red		
RAC 0 OPRs / Eval / Sampled / People										56	0	0	253	HHIM data calls	☒ Green	☐ Yellow	☐ Red	Respiratory protection prgm	☒ Green	☐ Yellow	☐ Red		
Admin OPRs / Eval / Sampled / People										5	0	0	68	Recordkeeping	☒ Green	☐ Yellow	☐ Red	Personal protective equip prgm	☒ Green	☐ Yellow	☒ Red		
Industrial OPRs / Eval / Sampled / People										315	1	0	1734	Timekeeping	☒ Green	☐ Yellow	☐ Red	Design review prgm	☒ Green	☐ Yellow	☐ Red		
OPRs with exposure > AL										0			Follow-up	☒ Green	☐ Yellow	☐ Red	Ergonomics prgm	☒ Green	☐ Yellow	☐ Red			
OPRs with exposure > std										0			Hazard abatement plan	☒ Green	☐ Yellow	☐ Red	Biological hazard control prgm	☒ Green	☐ Yellow	☐ Red			
OPRs requiring RPE										0			Staff training	☒ Green	☐ Yellow	☐ Red	Confined space entry prgm	☒ Green	☐ Yellow	☒ Red			
OPRs RPE required but not used										0			Credentiaing/priviledging	☒ Green	☐ Yellow	☐ Red	Prgms supported	☐ Green	☐ Yellow	Red Score: 22			
OPRs RPE used but not required										0			Facilities	☒ Green	☐ Yellow	☐ Red	Problems/Support	☐ Green	☐ Yellow	Code			
OPRs sampled to date										0			Equipment	☒ Green	☐ Yellow	☐ Red	Program Review	☐ Green	☐ Yellow	Schedule			
Status current HHIM analysis										☐ Green	☐ Yellow	☒ Red	Score: 21	Internal audits	☒ Green	☐ Yellow	☐ Red	Program Review	☐ Green	☐ Yellow	Comp		
Status current HHIM analysis										☐ Green	☐ Yellow	☒ Red	Score: 33	Status prgm mgmt	☒ Green	☐ Yellow	☐ Red	Program Review	☐ Green	☐ Yellow	Comp		
HHIM Data Trend Analysis										Manpower Analysis													
Indicator										Required													
OPRs / People										256	1343	1993	1994	Authorized									
OPRs coded RAC 1+2 / # OPRs										14	35	12	37	Current									
OPRs coded RAC 3 / # OPRs										14	35	13	40	IH techs									
OPRs coded RAC 4+5 / # OPRs										63	162	58	187	Clerical									
OPRs coded RAC 0 / # OPRs										9	24	18	56	IH enhancements									
OPRs reeval next yr / # OPRs										17	43	2	6	Tech enhancements									
OPRs evaluated / # OPRs										36	92	30	97	Clerical enhancements									
OPRs sampled / # OPRs										0	0	0	0	Totals									
OPRs with exp > AL / # OPRs										0	0	0	0	CIH / IHIT / CSP / COHST									
OPRs with exp > std / # OPRs										0	0	0	0	Status manpower									
OPRs requiring RPE / # OPRs										4	10	3	11	Red Score: 1									
OPRs req RPE not used / # OPRs										2	4	2	7	Budget Analysis (\$1,000)									
OPRs RPE used not req / # OPRs										0	0	0	0	CY									
Samples collected to date										1	1	1	1	BY									
Status HHIM trend analysis										☐ Green	☐ Yellow	☒ Red	Score: 16	Required									
Algorithm being developed, section not scored										Requested													
Status HHIM trend analysis										☐ Green	☐ Yellow	☒ Red	Score: 1	Authorized									
Algorithm being developed, section not scored										Executed													
Status HHIM trend analysis										☐ Green	☐ Yellow	☒ Red	Score: 1	Shortfall									
Algorithm being developed, section not scored										Status budget													
Status HHIM trend analysis										☐ Green	☐ Yellow	☒ Red	Score: 1	Comments									
Algorithm being developed, section not scored										No knowledge of budget. HHIM down since November 95; Detrick could not respond to fix. No sample data in HHIM; too time consuming. Need equipment. Will come under Ft. Eustis. 5k / yr supports Reserves & National Guard. No link from HHIM to MIM.													
Status - potential cost savings										☐ Green	☐ Yellow	☐ Red	Score: 0	Partnership site									
Status - potential cost savings										☐ Green	☐ Yellow	☐ Red	Score: 0	YES									
Status - potential cost savings										☐ Green	☐ Yellow	☐ Red	Score: 0	NO									

Fort Leonard Wood Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 29977		Current Data Analysis (1994)				IH Program Status				Program Management Analysis				Occ. Risk Factor ORF1: 75 ORF2: 19 ORF Rank: 6																																																																																																																																																																																																																																																																																																																																																																																		
														Installation Programs Supported																																																																																																																																																																																																																																																																																																																																																																																		
OPRs / Eval / Sampled / People	624 / 311 / 0 / 428	Green	Yellow	Red	Score: 25	Program document	Green	Yellow	Red	Response to complaints	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
RAC 1+2 OPRs / Eval / Sampled / People	40 / 27 / 0 / 231	Green	Yellow	Red	Score: 25	HHIM	Green	Yellow	Red	Occ. health prgm	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
RAC 3 OPRs / Eval / Sampled / People	269 / 148 / 0 / 1864	Green	Yellow	Red	Score: 25	IHIP	Green	Yellow	Red	Hazard communication prgm	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
RAC 4+5 OPRs / Eval / Sampled / People	313 / 134 / 0 / 1778	Green	Yellow	Red	Score: 25	EPC	Green	Yellow	Red	CRCP	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
RAC 0 OPRs / Eval / Sampled / People	2 / 2 / 0 / 4	Green	Yellow	Red	Score: 25	HHIM data calls	Green	Yellow	Red	Respiratory protection prgm	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
Admin OPRs / Eval / Sampled / People	62 / 36 / 0 / 60	Green	Yellow	Red	Score: 25	Recordkeeping	Green	Yellow	Red	Personal protective equip prgm	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
Industrial OPRs / Eval / Sampled / People	562 / 275 / 0 / 368	Green	Yellow	Red	Score: 25	Timekeeping	Green	Yellow	Red	Design review prgm	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
OPRs with exposure > AL	0	Green	Yellow	Red	Score: 25	Follow-up	Green	Yellow	Red	Ergonomics prgm	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
OPRs with exposure > std	2	Green	Yellow	Red	Score: 25	Hazard abatement plan	Green	Yellow	Red	Biological hazard control prgm	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
OPRs requiring RPE	1	Green	Yellow	Red	Score: 25	Staff training	Green	Yellow	Red	Confined space entry prgm	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
OPRs RPE required but not used	1	Green	Yellow	Red	Score: 25	Credentialing/priviledging	Green	Yellow	Red	Prgrms supported	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
OPRs RPE used but not required	0	Green	Yellow	Red	Score: 25	Facilities	Green	Yellow	Red	Problems/Support	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
OPRs sampled to date	0	Green	Yellow	Red	Score: 25	Equipment	Green	Yellow	Red	Program review	Green	Yellow	Red	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
Status current HHIM analysis	Green	Yellow	Red	Score: 25	Internal audits	Green	Yellow	Red	Code	Green	Yellow	Red	Code	Green	Yellow	Red																																																																																																																																																																																																																																																																																																																																																																																
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Fort Lewis Industrial Hygiene Program Status Report

ARLOC: 53456

DATE: 19-Jun-96

Current Data Analysis (1994)				IH Program Status				Program Management Analysis				Occ. Risk Factor ORF1: 7 ORF2: 1 ORF Rank: 45																																																																																																																																			
OPRs / Eval / Sampled / People	223 / 0 / 0 / 0 / 157							Program document	☒ Green	☐ Yellow	☐ Red	Response to complaints	☐ Green	☒ Yellow	☐ Red																																																																																																																																
RAC 1+2 OPRs / Eval / Sampled / People	6 / 0 / 0 / 0 / 58							HHIM	☐ Green	☐ Yellow	☒ Red	Occ. health prgm	☒ Green	☐ Yellow	☐ Red																																																																																																																																
RAC 3 OPRs / Eval / Sampled / People	71 / 0 / 0 / 0 / 307							IHIP	☒ Green	☐ Yellow	☐ Red	Hazard communication prgm	☐ Green	☒ Yellow	☐ Red																																																																																																																																
RAC 4+5 OPRs / Eval / Sampled / People	99 / 0 / 0 / 0 / 435							EPC	☐ Green	☒ Yellow	☐ Red	CRCP	☐ Green	☒ Yellow	☐ Red																																																																																																																																
RAC 0 OPRs / Eval / Sampled / People	47 / 0 / 0 / 0 / 128							HHIM data calls	☐ Green	☐ Yellow	☒ Red	Respiratory protection prgm	☐ Green	☒ Yellow	☐ Red																																																																																																																																
Admin OPRs / Eval / Sampled / People	8 / 0 / 0 / 0 / 0							Recordkeeping	☐ Green	☐ Yellow	☒ Red	Personal protective equip prgm	☐ Green	☒ Yellow	☐ Red																																																																																																																																
Industrial OPRs / Eval / Sampled / People	215 / 0 / 0 / 0 / 157							Timekeeping	☒ Green	☐ Yellow	☐ Red	Design review prgm	☐ Green	☒ Yellow	☐ Red																																																																																																																																
OPRs with exposure > AL	0							Follow-up	☐ Green	☒ Yellow	☐ Red	Ergonomics prgm	☐ Green	☒ Yellow	☐ Red																																																																																																																																
OPRs with exposure > std	0							Hazard abatement plan	☐ Green	☒ Yellow	☐ Red	Biological hazard control prgm	☐ Green	☒ Yellow	☐ Red																																																																																																																																
OPRs requiring RPE	0							Staff training	☐ Green	☒ Yellow	☐ Red	Confined space entry prgm	☐ Green	☒ Yellow	☐ Red																																																																																																																																
OPRs RPE required but not used	0							Credentialing/privileging	☐ Green	☐ Yellow	☒ Red	Prgrms supported	☐ Green	☐ Yellow	☐ Red																																																																																																																																
OPRs RPE used but not required	0							Facilities	☒ Green	☐ Yellow	☐ Red	Problems/Support	☐ Green	☐ Yellow	☐ Red																																																																																																																																
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% OPRs coded RAC 3 / # OPRs	32 / 71	32 / 71	32 / 71	0	0	0																																																																																																																																									
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% OPRs coded RAC 0 / # OPRs	21 / 47	21 / 47	21 / 47	N/A	N/A	0																																																																																																																																									
% OPRs reeval next yr / # OPRs	0 / 0	0 / 0	0 / 0	N/A	N/A	0																																																																																																																																									
% OPRs evaluated / # OPRs	9 / 20	0 / 0	0 / 0	8	9	6																																																																																																																																									
% OPRs sampled / # OPRs	0 / 0	0 / 0	0 / 0																																																																																																																																												
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0																																																																																																																																												
% OPRs with exp > std / # OPRs	0 / 0	0 / 0	0 / 0																																																																																																																																												
% OPRs requiring RPE / # OPRs	2 / 5	0 / 0	0 / 0																																																																																																																																												
% OPRs req RPE not used / # OPRs	0 / 0	0 / 0	0 / 0																																																																																																																																												
% OPRs RPE used not req / # OPRs	0 / 1	0 / 0	0 / 0																																																																																																																																												
Samples collected to date	0	0	0																																																																																																																																												
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All Army Installation Industrial Hygiene Program One-Page Summary Reports

Fort McCoy Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 55533		Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 59	
Current Data Analysis (1994)		Installation Programs Supported	
OPRs / Eval / Sampled / People	272 / 0 / 0 / 0	Program document	Response to complaints ☐ Green ☒ Yellow ☐ Red
RAC 1+2 OPRs / Eval / Sampled / People	1 / 0 / 0 / 0	HHIM	Occ. health prgm ☐ Green ☒ Yellow ☐ Red
RAC 3 OPRs / Eval / Sampled / People	25 / 0 / 0 / 0	HHIP	Hazard communication prgm ☐ Green ☒ Yellow ☐ Red
RAC 4+5 OPRs / Eval / Sampled / People	244 / 0 / 0 / 0	EPC	CRCP ☐ Green ☒ Yellow ☐ Red
RAC 0 OPRs / Eval / Sampled / People	2 / 0 / 0 / 0	HHIM data calls	Respiratory protection prgm ☐ Green ☒ Yellow ☐ Red
Admin OPRs / Eval / Sampled / People	46 / 0 / 0 / 0	Recordkeeping	Personal protective equip prgm ☐ Green ☒ Yellow ☐ Red
Industrial OPRs / Eval / Sampled / People	226 / 0 / 0 / 0	Timekeeping	Design review prgm ☐ Green ☒ Yellow ☐ Red
OPRs with exposure > AL	0	Follow-up	Ergonomics prgm ☐ Green ☒ Yellow ☐ Red
OPRs with exposure > std	0	Hazard abatement plan	Biological hazard control prgm ☐ Green ☒ Yellow ☐ Red
OPRs requiring RPE	0	Staff training	Confined space entry prgm ☐ Green ☒ Yellow ☐ Red
OPRs RPE required but not used	0	Credentialed/priviledging	Prgrms supported ☐ Green ☒ Yellow ☐ Red
OPRs RPE used but not required	0	Facilities	Problems/Support ☐ Green ☒ Yellow ☐ Red
OPRs sampled to date	0	Equipment	Code ☐ Green ☒ Yellow ☐ Red
		Internal audits	Schedule ☐ Green ☒ Yellow ☐ Red
Status current HHIM analysis ☐ Green ☐ Yellow ☒ Red	Score: 13	Status prgm mgmt ☐ Green ☐ Yellow ☒ Red	Red Score: 21
HHIM Data Trend Analysis		Manpower Analysis	
Indicator	1992	1993	1994
OPRs / People	272 / 0	272 / 0	272 / 0
% OPRs coded RAC 1+2 / # OPRs	0 / 1	0 / 1	0 / 1
% OPRs coded RAC 3 / # OPRs	9 / 25	9 / 25	9 / 25
% OPRs coded RAC 4+5 / # OPRs	90 / 244	90 / 244	90 / 244
% OPRs coded RAC 0 / # OPRs	1 / 2	1 / 2	1 / 2
% OPRs reeval next yr / # OPRs	0 / 0	0 / 0	0 / 0
% OPRs evaluated / # OPRs	0 / 0	0 / 0	0 / 0
% OPRs sampled / # OPRs	0 / 0	0 / 0	0 / 0
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0
% OPRs with exp > std / # OPRs	0 / 0	0 / 0	0 / 0
% OPRs requiring RPE / # OPRs	0 / 0	0 / 0	0 / 0
% OPRs req RPE not used / # OPRs	0 / 0	0 / 0	0 / 0
% OPRs RPE used not req / # OPRs	0 / 0	0 / 0	0 / 0
Samples collected to date	0	0	0
Cost Savings Analysis		Budget Analysis (\$1,000)	
Status HHIM trend analysis ☐ Green ☐ Yellow ☒ Red	Score: 13	CY	BY
Algorithm being developed, section not scored		120	98
		Required	0
		Requested	0
		Authorized	0
		Executed	0
		Shortfall	120
		Status budget ☐ Green ☐ Yellow ☒ Red	Score: 1
Comments			
1. IH is part-time. 2. Ft. McCoy is a NG installation. 3. Support provided by the HSSA at BAMC. 4. HHIM not used. 5. Hard to believe such a weak program needs no help.			
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red		Score 0	

Fort Monmouth Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 34558										IH Program Status		Program Management Analysis		Occ. Risk Factor ORF1: 18		ORF2: 9		ORF Rank: 14											
Current Data Analysis (1994)										Program Management Analysis		Installation Programs Supported																	
OPRs / Eval / Sampled / People	931	/	99	/	0	/	1287			Program document	☒ Green	☐ Yellow	☐ Red	Response to complaints	☐ Green	☒ Yellow	☐ Red												
RAC 1+2 OPRs / Eval / Sampled / People	70	/	4	/	0	/	270			HHIM	☐ Green	☒ Yellow	☐ Red	Occ. health prgm	☐ Green	☒ Yellow	☐ Red												
RAC 3 OPRs / Eval / Sampled / People	236	/	25	/	0	/	1004			IHIP	☐ Green	☒ Yellow	☐ Red	Hazard communication prgm	☐ Green	☒ Yellow	☐ Red												
RAC 4+5 OPRs / Eval / Sampled / People	443	/	11	/	0	/	323			EPC	☐ Green	☒ Yellow	☐ Red	CRCP	☐ Green	☒ Yellow	☐ Red												
RAC 0 OPRs / Eval / Sampled / People	182	/	59	/	0	/	465			HHIM data calls	☐ Green	☒ Yellow	☐ Red	Respiratory protection prgm	☐ Green	☒ Yellow	☐ Red												
Admin OPRs / Eval / Sampled / People	306	/	5	/	0	/	97			Recordkeeping	☒ Green	☐ Yellow	☐ Red	Personal protective equip prgm	☐ Green	☒ Yellow	☐ Red												
Industrial OPRs / Eval / Sampled / People	625	/	94	/	0	/	1190			Timekeeping	☐ Green	☒ Yellow	☐ Red	Design review prgm	☐ Green	☒ Yellow	☐ Red												
OPRs with exposure > AL					0					Follow-up	☐ Green	☒ Yellow	☐ Red	Ergonomics prgm	☐ Green	☒ Yellow	☐ Red												
OPRs with exposure > std										Hazard abatement plan	☐ Green	☒ Yellow	☐ Red	Biological hazard control prgm	☐ Green	☒ Yellow	☐ Red												
OPRs requiring RPE					16					Staff training	☐ Green	☒ Yellow	☐ Red	Confined space entry prgm	☐ Green	☒ Yellow	☐ Red												
OPRs RPE required but not used					4					Credentialed/privileging	☐ Green	☒ Yellow	☐ Red	Prgrms supported	☐ Green	☒ Yellow	☐ Red	Score: 16											
OPRs RPE used but not required					10					Facilities	☐ Green	☒ Yellow	☐ Red	Problems/Support	☐ Green	☒ Yellow	☐ Red												
OPRs sampled to date					3					Equipment	☒ Green	☐ Yellow	☐ Red	Program review/assistance	☐ Green	☒ Yellow	☐ Red												
										Internal audits	☐ Green	☒ Yellow	☐ Red	Ergonomics assistance	☐ Green	☒ Yellow	☐ Red												
Status current HHIM analysis	☐ Green	☐ Yellow	☒ Red				Score: 18			Status prgm mgmt	☐ Green	☒ Yellow	☐ Red	Equipment calibration	☐ Green	☒ Yellow	☐ Red												
HHIM Data Trend Analysis										Manpower Analysis																			
Indicator	1992	1993	1994							Required	Authorized	Current																	
OPRs / People	722 / 846	856 / 1196	931 / 1287							4	2	2																	
% OPRs coded RAC 1+2 / # OPRs	7 / 54	8 / 66	8 / 70							1	1	1																	
% OPRs coded RAC 3 / # OPRs	24 / 176	27 / 227	25 / 236							0	0	0																	
% OPRs coded RAC 4+5 / # OPRs	58 / 417	51 / 437	48 / 443							N/A	N/A	2																	
% OPRs coded RAC 0 / # OPRs	10 / 75	15 / 126	20 / 182							N/A	N/A	0																	
% OPRs reeval next yr / # OPRs	1 / 7	0 / 3	0 / 0							N/A	N/A	0																	
% OPRs evaluated / # OPRs	23 / 168	16 / 137	11 / 99							5	3	5																	
% OPRs sampled / # OPRs	0 / 3	0 / 0	0 / 0							CIH / IHIT / CSP / COHST																			
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0							Status manpower																			
% OPRs with exp > std / # OPRs	/	/	/							Green ☐ Yellow ☐ Red ☐ Red Score: 3																			
% OPRs requiring RPE / # OPRs	4 / 32	3 / 22	2 / 16							Budget Analysis (\$1,000)																			
% OPRs req RPE not used / # OPRs	1 / 8	0 / 4	0 / 4							CY	BY	98	99	00	01	02													
% OPRs RPE used not req / # OPRs	2 / 11	2 / 19	1 / 10							Required	380							Ft. Monmouth, NJ 07703-5000											
Samples collected to date	6	6	6							Requested	0							DSN 992-2667 COM (908) 532-2667 FAX 9430											
Status HHIM trend analysis	☐ Green	☐ Yellow	☒ Red							Authorized	0							E-mail: monmpms@ftmonmth-amedd.army.mil											
Cost Savings Analysis										Executed										HSSA: North Atlantic									
Algorithm being developed, section not scored										Shortfall										Partnership site ☐ YES ☒ NO									
Status - potential cost savings										Status budget										Comments									
☐ Green ☐ Yellow ☐ Red Score 0										☐ Green ☐ Yellow ☐ Red Score: 1										1. No HHIM sampling info for 1994. 2. Laboratory support from CHPPM is not adequate. 3. Run RPP for installation.									

All Army Installation Industrial Hygiene Program One-Page Summary Reports

DATE: 19-Jun-96

Fort Polk Industrial Hygiene Program Status Report

ARLOC: 22722		Occ. Risk Factor ORF1: 24 ORF2: 5 ORF Rank: 21	
Current Data Analysis (1994)		Installation Programs Supported	
OPRs / Eval / Sampled / People	3810 / 722 / 19 / 4821	Response to complaints	☒ Green ☐ Yellow ☐ Red
RAC 1+2 OPRs / Eval / Sampled / People	21 / 10 / 0 / 26	Occ. health prgm	☒ Green ☐ Yellow ☐ Red
RAC 3 OPRs / Eval / Sampled / People	2156 / 311 / 11 / 5329	Hazard communication prgm	☒ Green ☐ Yellow ☐ Red
RAC 4+5 OPRs / Eval / Sampled / People	1050 / 150 / 2 / 1516	CRCP	☒ Green ☐ Yellow ☐ Red
RAC 0 OPRs / Eval / Sampled / People	583 / 251 / 0 / 106	Respiratory protection prgm	☒ Green ☐ Yellow ☐ Red
Admin OPRs / Eval / Sampled / People	196 / 35 / 0 / 356	Personal protective equip prgm	☒ Green ☐ Yellow ☐ Red
Industrial OPRs / Eval / Sampled / People	3614 / 687 / 19 / 4465	Design review prgm	☒ Green ☐ Yellow ☐ Red
OPRs with exposure > AL	0	Ergonomics prgm	☒ Green ☐ Yellow ☐ Red
OPRs with exposure > std		Biological hazard control prgm	☒ Green ☐ Yellow ☐ Red
OPRs requiring RPE	26	Confined space entry prgm	☒ Green ☐ Yellow ☐ Red
OPRs RPE required but not used	14	Prgrms supported	☒ Green ☐ Yellow ☐ Red Score: 25
OPRs RPE used but not required	0	Problems/Support	Code Schedule Comp
OPRs sampled to date	192		
Status current HHIM analysis ☐ Green ☒ Yellow ☐ Red Score: 26		Status prgm mgmt ☒ Green ☐ Yellow ☐ Red Score: 36	
HHIM Data Trend Analysis		Manpower Analysis	
Indicator	1992 1993 1994	Required	Authorized
OPRs / People	2781 / 3736 3132 / 4426 3810 / 4821	2	2
% OPRs coded RAC 1+2 / # OPRs	0 / 4 0 / 11 1 / 21	2	2
% OPRs coded RAC 3 / # OPRs	63 / 1743 60 / 1876 57 / 2156	0	0
% OPRs coded RAC 4+5 / # OPRs	31 / 850 29 / 911 28 / 1050	N/A	N/A
% OPRs coded RAC 0 / # OPRs	7 / 184 11 / 334 15 / 583	N/A	N/A
% OPRs reeval next yr / # OPRs	2 / 69 4 / 138 1 / 31	N/A	N/A
% OPRs evaluated / # OPRs	23 / 647 16 / 494 19 / 722	4	4
% OPRs sampled / # OPRs	5 / 127 3 / 85 0 / 19	CIH / IHIT / CSP / COHST 0 / 0 / 0 / 0	
% OPRs with exp > AL / # OPRs	0 / 11 0 / 9 0 / 0	Status manpower ☐ Green ☐ Yellow ☐ Red Score: 1	
% OPRs with exp > std / # OPRs	/ / /	Budget Analysis (\$1,000)	
% OPRs requiring RPE / # OPRs	5 / 148 4 / 124 1 / 26	CY	BY
% OPRs req RPE not used / # OPRs	3 / 78 2 / 49 0 / 14	290	0
% OPRs RPE used not req / # OPRs	0 / 6 0 / 4 0 / 0	Requested	700
Samples collected to date	387 491 513	Authorized	300
Status HHIM trend analysis ☐ Green ☒ Yellow ☐ Red Score: 22		Executed	0
Cost Savings Analysis		Shortfall	290
Algorithm being developed, section not scored		Status budget	☐ Green ☐ Yellow ☐ Red Score: 1
Comments			
Needs help to support reserve units.			
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0			

Fort Riley Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 20736		IH Program Status				Program Management Analysis		Occ. Risk Factor ORF-1: 40 ORF-2: 20 ORF Rank: 5	
Current Data Analysis (1994)		Green		Yellow		Green		Yellow	
OPRs / Eval / Sampled / People		2753 / 245 / 11 / 10230						Response to complaints	
RAC 1+2 OPRs / Eval / Sampled / People		26 / 0 / 0 / 382						Occ. health prgm	
RAC 3 OPRs / Eval / Sampled / People		39 / 1 / 0 / 626						Hazard communication prgm	
RAC 4+5 OPRs / Eval / Sampled / People		2179 / 242 / 6 / 87425						CRCP	
RAC 0 OPRs / Eval / Sampled / People		508 / 2 / 1 / 18689						Respiratory protection prgm	
Admin OPRs / Eval / Sampled / People		1161 / 115 / 1 / 2539						Personal protective equip prgm	
Industrial OPRs / Eval / Sampled / People		1592 / 130 / 10 / 7691						Design review prgm	
OPRs with exposure > AL		3						Ergonomics prgm	
OPRs with exposure > std		0						Biological hazard control prgm	
OPRs requiring RPE		0						Confined space entry prgm	
OPRs RPE required but not used		0						Prgrms supported	
OPRs RPE used but not required		0						Problems/Support	
OPRs sampled to date		54						Code	
Status current HHIM analysis		Green		Yellow		Red		T-DR	
Indicator		1992		1993		1994		T-SS	
OPRs / People		2182 / 8376		2514 / 8668		2753 / 10230		P-PR	
% OPRs coded RAC 1+2 / # OPRs		1 / 26		1 / 26		1 / 26		Program Review	
% OPRs coded RAC 3 / # OPRs		1 / 30		2 / 39		1 / 39			
% OPRs coded RAC 4+5 / # OPRs		75 / 1626		77 / 1942		79 / 2179			
% OPRs coded RAC 0 / # OPRs		23 / 499		20 / 508		18 / 508			
% OPRs reeval next yr / # OPRs		0 / 3		0 / 2		0 / 3			
% OPRs evaluated / # OPRs		14 / 297		14 / 342		9 / 245			
% OPRs sampled / # OPRs		2 / 37		0 / 7		0 / 11			
% OPRs with exp > AL / # OPRs		0 / 3		0 / 0		0 / 3			
% OPRs with exp > std / # OPRs		/		/		/			
% OPRs requiring RPE / # OPRs		0 / 5		0 / 5		0 / 0			
% OPRs req RPE not used / # OPRs		0 / 2		0 / 0		0 / 0			
% OPRs RPE used not req / # OPRs		0 / 0		0 / 0		0 / 0			
Samples collected to date		56		69		96			
Status HHIM trend analysis		Green		Yellow		Red			
Cost Savings Analysis		Green		Yellow		Red			
Algorithm being developed, section not scored									
Status - potential cost savings		Green		Yellow		Red			
Comments		No formal installation ergonomics program. Needs help in getting to design review courses. Still needs help in asbestos and lead sampling and program management.							
Program Administrative Information		IH Program Manager: Mary Lou Hayes Commander USAMEDDAC Ft. Riley ATTN: MCXX-PM-IH Ft. Riley, KS 66442-5037 DSN 856-2794 COM (913) 239-2794 FAX 3212 E-mail: rileyprms@friley-amedd.army.mil HSSA: South Central Partnership site ☐ YES ☒ NO							

Fort Rucker Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 01767		Current Data Analysis (1994)				IH Program Status		Program Management Analysis		Occ. Risk Factor ORF1: 0 ORF2: 0		Installation Programs Supported		ORF Rank: 60			
		170 / 83 / 4 / 1511	0 / 0 / 0 / 0	2 / 0 / 0 / 9	166 / 83 / 4 / 1809	2 / 0 / 0 / 0	1 / 0 / 0 / 0	169 / 83 / 4 / 1511	1	21	1	13	1	Response to complaints	Green	Yellow	Red
OPRs / Eval / Sampled / People		170 / 83 / 4 / 1511	0 / 0 / 0 / 0	2 / 0 / 0 / 9	166 / 83 / 4 / 1809	2 / 0 / 0 / 0	1 / 0 / 0 / 0	169 / 83 / 4 / 1511	1	21	1	13	1	Response to complaints	☒ Green	☐ Yellow	☐ Red
RAC 1+2 OPRs / Eval / Sampled / People		0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0	0	0	0	0	Occ. health prgm	☒ Green	☐ Yellow	☐ Red
RAC 3 OPRs / Eval / Sampled / People		2 / 0 / 0 / 9	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0	0	0	0	0	Hazard communication prgm	☒ Green	☐ Yellow	☐ Red
RAC 4+5 OPRs / Eval / Sampled / People		166 / 83 / 4 / 1809	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0	0	0	0	0	CRCP	☒ Green	☐ Yellow	☐ Red
RAC 0 OPRs / Eval / Sampled / People		2 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0	0	0	0	0	Respiratory protection prgm	☒ Green	☐ Yellow	☐ Red
Admin OPRs / Eval / Sampled / People		1 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0	0	0	0	0	Personal protective equip prgm	☒ Green	☐ Yellow	☐ Red
Industrial OPRs / Eval / Sampled / People		169 / 83 / 4 / 1511	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0 / 0 / 0 / 0	0	0	0	0	0	Design review prgm	☒ Green	☐ Yellow	☐ Red
OPRs with exposure > AL		1	0	0	0	0	0	0	0	0	0	0	0	Ergonomics prgm	☒ Green	☐ Yellow	☐ Red
OPRs with exposure > std		21	0	0	0	0	0	0	0	0	0	0	0	Biological hazard control prgm	☒ Green	☐ Yellow	☐ Red
OPRs requiring RPE		1	0	0	0	0	0	0	0	0	0	0	0	Confined space entry prgm	☒ Green	☐ Yellow	☐ Red
OPRs RPE required but not used		13	0	0	0	0	0	0	0	0	0	0	0	Prgrms supported	☒ Green	☐ Yellow	☐ Red
OPRs RPE used but not required		1	0	0	0	0	0	0	0	0	0	0	0	Problems/Support	☐ Green	☐ Yellow	☐ Red
OPRs sampled to date		1	0	0	0	0	0	0	0	0	0	0	0	Code	☐ Green	☐ Yellow	☐ Red
Status current HHIM analysis	☐ Green ☐ Yellow ☐ Red	Score: 22	1992	1993	1994												
Indicator		1992	1993	1994													
OPRs / People		160 / 1199	163 / 1404	170 / 1511													
% OPRs coded RAC 1+2 / # OPRs		0 / 0	0 / 0	0 / 0													
% OPRs coded RAC 3 / # OPRs		1 / 2	1 / 2	1 / 2													
% OPRs coded RAC 4+5 / # OPRs		98 / 156	98 / 159	98 / 166													
% OPRs coded RAC 0 / # OPRs		1 / 2	1 / 2	1 / 2													
% OPRs reeval next yr / # OPRs		76 / 122	80 / 131	43 / 73													
% OPRs evaluated / # OPRs		96 / 153	82 / 134	49 / 83													
% OPRs sampled / # OPRs		3 / 5	1 / 2	2 / 4													
% OPRs with exp > AL / # OPRs		0 / 0	0 / 0	1 / 1													
% OPRs with exp > std / # OPRs		17 / 27	17 / 27	12 / 21													
% OPRs requiring RPE / # OPRs		0 / 0	0 / 0	1 / 1													
% OPRs req RPE not used / # OPRs		18 / 29	17 / 27	8 / 13													
% OPRs RPE used not req / # OPRs		17	19	24													
Samples collected to date		17	19	24													
Status HHIM trend analysis	☐ Green ☐ Yellow ☐ Red	Score: 20															
Algorithm being developed, section not scored																	
Cost Savings Analysis																	
Status budget					Green	Yellow	Red	Score: 1									
Comments																	
IH manpower required estimate is low. It was changed to 2 required.																	
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0																	

DATE: 19-Jun-96

E-48

DATE: 19-JUN-96

Fort Stewart Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 13834										IH Program Status		Program Management Analysis		Occ. Risk Factor ORF1: 60 ORF2: 12 ORF Rank: 10	
Current Data Analysis (1994)										Program Management Analysis		Installation Programs Supported			
OPRs / Eval / Sampled / People										Program document	☐ Green ☒ Yellow ☐ Red	Response to complaints	☐ Green ☒ Yellow ☐ Red		
RAC 1+2 OPRs / Eval / Sampled / People										HHIM	☐ Green ☒ Yellow ☐ Red	Occ. health prgm	☐ Green ☒ Yellow ☐ Red		
RAC 3 OPRs / Eval / Sampled / People										IHIP	☐ Green ☒ Yellow ☐ Red	Hazard communication prgm	☐ Green ☒ Yellow ☐ Red		
RAC 4+5 OPRs / Eval / Sampled / People										EPC	☐ Green ☒ Yellow ☐ Red	CRCP	☐ Green ☒ Yellow ☐ Red		
RAC 0 OPRs / Eval / Sampled / People										HHIM data calls	☐ Green ☒ Yellow ☐ Red	Respiratory protection prgm	☐ Green ☒ Yellow ☐ Red		
Admin OPRs / Eval / Sampled / People										Recordkeeping	☐ Green ☒ Yellow ☐ Red	Personal protective equip prgm	☐ Green ☒ Yellow ☐ Red		
Industrial OPRs / Eval / Sampled / People										Timekeeping	☐ Green ☒ Yellow ☐ Red	Design review prgm	☐ Green ☒ Yellow ☐ Red		
OPRs with exposure > AL										Follow-up	☐ Green ☒ Yellow ☐ Red	Ergonomics prgm	☐ Green ☒ Yellow ☐ Red		
OPRs with exposure > std										Hazard abatement plan	☐ Green ☒ Yellow ☐ Red	Biological hazard control prgm	☐ Green ☒ Yellow ☐ Red		
OPRs requiring RPE										Staff training	☐ Green ☒ Yellow ☐ Red	Confined space entry prgm	☐ Green ☒ Yellow ☐ Red		
OPRs RPE required but not used										Credentialed/priviledging	☐ Green ☒ Yellow ☐ Red	Prgms supported	☐ Green ☒ Yellow ☐ Red		
OPRs RPE used but not required										Facilities	☐ Green ☒ Yellow ☐ Red	Problems/Support	Code		
OPRs sampled to date										Equipment	☐ Green ☒ Yellow ☐ Red	Schedule	Comp		
Status current HHIM analysis										Internal audits	☐ Green ☒ Yellow ☐ Red				
Status current HHIM analysis										Status prgm mgmt	☐ Green ☒ Yellow ☐ Red				
Score: 30															
HHIM Data Trend Analysis										Manpower Analysis					
Indicator										Required	Authorized	Current			
OPRs / People										4	3	3			
% OPRs coded RAC 1+2 / # OPRs										6	3	2			
% OPRs coded RAC 3 / # OPRs										0	0	0			
% OPRs coded RAC 4+5 / # OPRs										N/A	N/A	0			
% OPRs coded RAC 0 / # OPRs										N/A	N/A	0			
% OPRs reveal next yr / # OPRs										N/A	N/A	0			
% OPRs evaluated / # OPRs										10	6	5			
% OPRs sampled / # OPRs										0 / 2	0 / 2	1 / 18			
% OPRs with exp > AL / # OPRs										0 / 0	0 / 0	0 / 3			
% OPRs with exp > std / # OPRs										Status manpower					
% OPRs requiring RPE / # OPRs										Budget Analysis (\$1,000)					
% OPRs req RPE not used / # OPRs										CY	BY	98	99		
% OPRs RPE used not req / # OPRs										630	0	0	0		
Samples collected to date										Authorized	0				
Status HHIM trend analysis										Executed	0				
Cost Savings Analysis										Shortfall	630				
Algorithm being developed, section not scored										Status budget	☐ Green ☐ Yellow ☒ Red	Score: 1			
Needs help with e-mail.										Comments					
Status - potential cost savings															
☐ Green ☐ Yellow ☐ Red										Score 0					

Fort Wainwright Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 02955		Current Data Analysis (1994)				IH Program Status				Program Management Analysis				Occ. Risk Factor ORF1: 16 ORF2: 4 ORF Rank: 27			
		399	26	1	1039	Program document	Green	Yellow	Red	Installation Programs Supported							
OPRs / Eval / Sampled / People		399	26	1	1039	Program document	☐ Green	☒ Yellow	☐ Red	Response to complaints							
RAC 1+2 OPRs / Eval / Sampled / People		105	6	0	828	HHIM	☐ Green	☒ Yellow	☐ Red	Occ. health prgm							
RAC 3 OPRs / Eval / Sampled / People		88	9	0	634	IHIP	☐ Green	☒ Yellow	☐ Red	Hazard communication prgm							
RAC 4+5 OPRs / Eval / Sampled / People		153	6	1	1244	EPC	☒ Green	☐ Yellow	☐ Red	CRCP							
RAC 0 OPRs / Eval / Sampled / People		53	5	0	332	HHIM data calls	☐ Green	☐ Yellow	☒ Red	Respiratory protection prgm							
Admin OPRs / Eval / Sampled / People		29	2	0	142	Recordkeeping	☐ Green	☒ Yellow	☐ Red	Personal protective equip prgm							
Industrial OPRs / Eval / Sampled / People		370	24	1	897	Timekeeping	☐ Green	☐ Yellow	☒ Red	Design review prgm							
OPRs with exposure > AL				1		Follow-up	☐ Green	☐ Yellow	☒ Red	Ergonomics prgm							
OPRs with exposure > std						Hazard abatement plan	☐ Green	☒ Yellow	☐ Red	Biological hazard control prgm							
OPRs requiring RPE				1		Staff training	☐ Green	☒ Yellow	☐ Red	Confined space entry prgm							
OPRs RPE required but not used				1		Credentialed/priviledging	☐ Green	☒ Yellow	☐ Red	Prgrms supported ☐ Green ☒ Yellow ☐ Red Score: 21							
OPRs RPE used but not required				2		Facilities	☒ Green	☐ Yellow	☐ Red	Problems/Support							
OPRs sampled to date				15		Equipment	☒ Green	☐ Yellow	☐ Red	Asbestos in utilidors.							
						Internal audits	☐ Green	☒ Yellow	☐ Red	Program Review							
Status current HHIM analysis ☐ Green ☐ Yellow ☒ Red	Score: 21					Status prgm mgmt ☐ Green ☒ Yellow ☐ Red	Score: 27										
HHIM Data Trend Analysis																	
Indicator	1992	1993	1994														
OPRs / People	199 / 481	373 / 948	399 / 1039														
% OPRs coded RAC 1+2 / # OPRs	33 / 66	27 / 99	26 / 105														
% OPRs coded RAC 3 / # OPRs	24 / 47	21 / 79	22 / 88														
% OPRs coded RAC 4+5 / # OPRs	39 / 77	39 / 147	38 / 153														
% OPRs coded RAC 0 / # OPRs	5 / 9	13 / 48	13 / 53														
% OPRs reeval next yr / # OPRs	2 / 4	8 / 29	0 / 0														
% OPRs evaluated / # OPRs	74 / 148	55 / 204	7 / 26														
% OPRs sampled / # OPRs	6 / 11	1 / 4	0 / 1														
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 1														
% OPRs with exp > std / # OPRs	/	/	/														
% OPRs requiring RPE / # OPRs	22 / 44	12 / 43	0 / 1														
% OPRs req RPE not used / # OPRs	2 / 3	5 / 17	0 / 1														
% OPRs RPE used not req / # OPRs	2 / 3	3 / 10	1 / 2														
Samples collected to date	16	20	21														
Status HHIM trend analysis ☐ Green ☐ Yellow ☒ Red	Score: 19																
Cost Savings Analysis																	
Algorithm being developed, section not scored																	
Status budget ☐ Green ☐ Yellow ☒ Red Score: 1																	
Comments																	
HHIM down over a year and a half just started using it again. Budget estimated. Support Ft. Greely & Ft. Richardson.																	
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0																	

Gorgas USA Community Hospital Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: PM202										IH Program Status		Program Management Analysis		Occ. Risk Factor ORF1: 5 ORF2: 5 ORF Rank: 22	
Current Data Analysis (1994)										Program Management Analysis		Installation Programs Supported			
OPRs / Eval / Sampled / People	279	/	125	/	0	/	1732			Program document	☐ Green ☐ Yellow ☐ Red	Response to complaints	☐ Green ☐ Yellow ☐ Red		
RAC 1+2 OPRs / Eval / Sampled / People	6	/	2	/	0	/	77			HHIM	☐ Green ☐ Yellow ☐ Red	Occ. health prgm	☒ Green ☐ Yellow ☐ Red		
RAC 3 OPRs / Eval / Sampled / People	27	/	14	/	0	/	221			IHIP	☒ Green ☐ Yellow ☐ Red	Hazard communication prgm	☐ Green ☒ Yellow ☐ Red		
RAC 4+5 OPRs / Eval / Sampled / People	211	/	101	/	0	/	1559			EPC	☐ Green ☒ Yellow ☐ Red	CRCP	☐ Green ☒ Yellow ☐ Red		
RAC 0 OPRs / Eval / Sampled / People	34	/	7	/	0	/	96			HHIM data calls	☒ Green ☐ Yellow ☐ Red	Respiratory protection prgm	☐ Green ☒ Yellow ☐ Red		
Admin OPRs / Eval / Sampled / People	48	/	26	/	0	/	290			Recordkeeping	☒ Green ☐ Yellow ☐ Red	Personal protective equip prgm	☐ Green ☒ Yellow ☐ Red		
Industrial OPRs / Eval / Sampled / People	231	/	99	/	0	/	1442			Timekeeping	☐ Green ☒ Yellow ☐ Red	Design review prgm	☐ Green ☒ Yellow ☐ Red		
OPRs with exposure > AL	0									Follow-up	☐ Green ☒ Yellow ☐ Red	Ergonomics prgm	☐ Green ☒ Yellow ☐ Red		
OPRs with exposure > std	51									Hazard abatement plan	☐ Green ☒ Yellow ☐ Red	Biological hazard control prgm	☐ Green ☒ Yellow ☐ Red		
OPRs requiring RPE	5									Staff training	☒ Green ☐ Yellow ☐ Red	Confined space entry prgm	☐ Green ☒ Yellow ☐ Red		
OPRs RPE required but not used	2									Credentialed/priviledging	☐ Green ☒ Yellow ☐ Red	Prgms supported	☐ Green ☒ Yellow ☐ Red		
OPRs RPE used but not required	0									Facilities	☒ Green ☐ Yellow ☐ Red	Problems/Support	Code Schedule Comp		
OPRs sampled to date	0									Equipment	☐ Green ☒ Yellow ☐ Red				
Status current HHIM analysis	☐ Green ☐ Yellow ☒ Red	Score: 23		Status prgm mgmt		☒ Green ☐ Yellow ☐ Red	Score: 33								
Manpower Analysis															
Indicator	1992	1993	1994	Required	Authorized	Current									
OPRs / People	154 / 840	177 / 1054	279 / 1732	1	1	1									
% OPRs coded RAC 1+2 / # OPRs	3 / 5	3 / 5	2 / 6	1	0	0									
% OPRs coded RAC 3 / # OPRs	8 / 12	8 / 15	10 / 27	0	0	0									
% OPRs coded RAC 4+5 / # OPRs	71 / 110	72 / 128	76 / 211	N/A	N/A	0									
% OPRs coded RAC 0 / # OPRs	18 / 27	16 / 29	12 / 34	N/A	N/A	0									
% OPRs reveal next yr / # OPRs	4 / 6	0 / 0	2 / 6	N/A	N/A	0									
% OPRs evaluated / # OPRs	35 / 54	17 / 30	45 / 125	2	1	1									
% OPRs sampled / # OPRs	0 / 0	0 / 0	0 / 0	CIH / IHIT / CSP / COHST			0 / 0 / 0 / 0								
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0	Status manpower			☐ Green ☐ Yellow ☐ Red	Score: 2							
% OPRs with exp > std / # OPRs	/	/	/	Budget Analysis (\$1,000)											
% OPRs requiring RPE / # OPRs	16 / 24	5 / 8	18 / 51	FY	CY	BY	98	99	00	01	02				
% OPRs req RPE not used / # OPRs	5 / 8	0 / 0	2 / 5	Required	170							APO, AA	34004-5000		
% OPRs RPE used not req / # OPRs	1 / 2	1 / 1	1 / 2	Requested	0							DSN	5440 COM (313) 282-5440 FAX		
Samples collected to date	2	2	2	Authorized	0							E-mail:			
Status HHIM trend analysis	☐ Green ☐ Yellow ☐ Red	Score: 22		Executed	0							HSSA:	South Central		
Cost Savings Analysis															
Algorithm being developed, section not scored															
Status budget ☐ Green ☐ Yellow ☐ Red Score: 1															
Comments															
Closing by 1997. No budget information provided. No sampling data in HHIM.															
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score: 0															

All Army Installation Industrial Hygiene Program One-Page Summary Reports

Heidelberg Hospital Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: GE34G		IH Program Status		Green		Yellow		Red		Occ. Risk Factor ORF1: 0		ORF2: 0		ORF Rank: 62	
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported											
OPRs / Eval / Sampled / People	119 / 0 / 0 / 353	Program document	☐ Green	☐ Yellow	☐ Red	Response to complaints	☐ Green	☒ Yellow	☐ Red						
RAC 1+2 OPRs / Eval / Sampled / People	6 / 0 / 0 / 23	HHIM	☐ Green	☐ Yellow	☐ Red	Occ. health prgm	☐ Green	☒ Yellow	☐ Red						
RAC 3 OPRs / Eval / Sampled / People	60 / 0 / 0 / 626	IHIP	☐ Green	☒ Yellow	☐ Red	Hazard communication prgm	☐ Green	☐ Yellow	☒ Red						
RAC 4+5 OPRs / Eval / Sampled / People	40 / 0 / 0 / 105	EPC	☐ Green	☒ Yellow	☐ Red	CRCP	☐ Green	☒ Yellow	☐ Red						
RAC 0 OPRs / Eval / Sampled / People	13 / 0 / 0 / 6	HHIM data calls	☐ Green	☒ Yellow	☐ Red	Respiratory protection prgm	☐ Green	☐ Yellow	☒ Red						
Admin OPRs / Eval / Sampled / People	8 / 0 / 0 / 0	Recordkeeping	☐ Green	☐ Yellow	☐ Red	Personal protective equip prgm	☐ Green	☒ Yellow	☐ Red						
Industrial OPRs / Eval / Sampled / People	111 / 0 / 0 / 353	Timekeeping	☐ Green	☐ Yellow	☐ Red	Design review prgm	☐ Green	☒ Yellow	☐ Red						
OPRs with exposure > AL	0	Follow-up	☐ Green	☐ Yellow	☐ Red	Ergonomics prgm	☐ Green	☐ Yellow	☒ Red						
OPRs with exposure > std	0	Hazard abatement plan	☐ Green	☒ Yellow	☐ Red	Biological hazard control prgm	☐ Green	☐ Yellow	☒ Red						
OPRs requiring RPE	0	Staff training	☐ Green	☒ Yellow	☐ Red	Confined space entry prgm	☐ Green	☐ Yellow	☒ Red						
OPRs RPE required but not used	0	Credentialed/priviledging	☐ Green	☐ Yellow	☐ Red	Prgms supported	☐ Green	☐ Yellow	☒ Red	Score: 15					
OPRs RPE used but not required	0	Facilities	☐ Green	☒ Yellow	☐ Red	Problems/Support	☐ Green	☐ Yellow	☒ Red	Code Schedule Comp					
OPRs sampled to date	3	Equipment	☐ Green	☒ Yellow	☐ Red	Program Management Assistance	☐ Green	☐ Yellow	☒ Red	P-PR					
		Internal audits	☐ Green	☐ Yellow	☒ Red										
Status current HHIM analysis	☐ Green ☐ Yellow ☒ Red	Status prgm mgmt	☐ Green ☐ Yellow ☒ Red	Score: 22											
Manpower Analysis															
Indicator	1992	1993	1994	Required	Authorized	Current									
OPRs / People	104 / 282	119 / 353	119 / 353	1	1	1									
% OPRs coded RAC 1+2 / # OPRs	5 / 5	5 / 6	5 / 6	2	0	0									
% OPRs coded RAC 3 / # OPRs	49 / 51	50 / 60	50 / 60	1	0	0									
% OPRs coded RAC 4+5 / # OPRs	34 / 35	34 / 40	34 / 40	N/A	N/A	0									
% OPRs coded RAC 0 / # OPRs	13 / 13	11 / 13	11 / 13	N/A	N/A	0									
% OPRs reeval next yr / # OPRs	4 / 4	3 / 3	0 / 0	N/A	N/A	0									
% OPRs evaluated / # OPRs	89 / 93	15 / 18	0 / 0	4	1	1									
% OPRs sampled / # OPRs	3 / 3	1 / 1	0 / 0	CIH / IHIT / CSP / COHST			0 / 0 / 0 / 0								
% OPRs with exp > AL / # OPRs	1 / 1	0 / 0	0 / 0	Status manpower			☐ Green ☐ Yellow ☐ Red			Score: 2					
% OPRs with exp > std / # OPRs	/	/	/	Budget Analysis (\$1,000)											
% OPRs requiring RPE / # OPRs	5 / 5	5 / 6	0 / 0	FY	CY	BY	98	99	00	01	02				
% OPRs req RPE not used / # OPRs	2 / 2	0 / 0	0 / 0	Required	250										
% OPRs RPE used not req / # OPRs	2 / 2	0 / 0	0 / 0	Requested	0										
Samples collected to date	6	7	7	Authorized	0										
Status HHIM trend analysis	☐ Green ☐ Yellow ☒ Red	Score: 11			Executed	0									
Cost Savings Analysis															
Algorithm being developed, section not scored															
Status budget ☐ Green ☐ Yellow ☒ Red Score: 1															
Comments															
Anthony started in Oct. 95. He reports to Dan Langston at USACHPPM-Europe. He is collocated with the 28th ASG. He does not have a HHIM computer, sends HHIs to Dan Langston to enter. He is scheduled to get one of the new HHIM computers. He is responsible for the hospitals, DENTACS, and vet. clinics in his area. He has no budget input or control, it is all centrally managed at CHPPM-Europe. He needs current reference materials badly.															
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score: 0															

Landstuhl Hospital Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: GE48R		Current Data Analysis (1994)				IH Program Status				Program Management Analysis				Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 64										
		253	1	0	0	757	Green	Yellow	Red	Program document	Green	Yellow	Red	Response to complaints	Green	Yellow	Red							
OPRs / Eval / Sampled / People		253	1	0	0	757	Green	Yellow	Red	HHIM	Green	Yellow	Red	Occ. health prgm	Green	Yellow	Red							
RAC 1+2 OPRs / Eval / Sampled / People		82	1	0	0	598	Green	Yellow	Red	IHIP	Green	Yellow	Red	Hazard communication prgm	Green	Yellow	Red							
RAC 3 OPRs / Eval / Sampled / People		81	1	0	0	424	Green	Yellow	Red	EPC	Green	Yellow	Red	CRCP	Green	Yellow	Red							
RAC 4+5 OPRs / Eval / Sampled / People		34	1	0	0	118	Green	Yellow	Red	HHIM data calls	Green	Yellow	Red	Respiratory protection prgm	Green	Yellow	Red							
RAC 0 OPRs / Eval / Sampled / People		56	1	0	0	331	Green	Yellow	Red	Recordkeeping	Green	Yellow	Red	Personal protective equip prgm	Green	Yellow	Red							
Admin OPRs / Eval / Sampled / People		52	1	0	0	68	Green	Yellow	Red	Timekeeping	Green	Yellow	Red	Design review prgm	Green	Yellow	Red							
Industrial OPRs / Eval / Sampled / People		201	1	0	0	689	Green	Yellow	Red	Follow-up	Green	Yellow	Red	Ergonomics prgm	Green	Yellow	Red							
OPRs with exposure > AL		0					Green	Yellow	Red	Hazard abatement plan	Green	Yellow	Red	Biological hazard control prgm	Green	Yellow	Red							
OPRs with exposure > std		0					Green	Yellow	Red	Staff training	Green	Yellow	Red	Confined space entry prgm	Green	Yellow	Red							
OPRs requiring RPE		0					Green	Yellow	Red	Credentiaing/priviledging	Green	Yellow	Red	Prgms supported	Green	Yellow	Red							
OPRs RPE required but not used		0					Green	Yellow	Red	Facilities	Green	Yellow	Red	Problems/Support	Code	Schedule	Comp							
OPRs RPE used but not required		0					Green	Yellow	Red	Equipment	Green	Yellow	Red											
OPRs sampled to date		1					Green	Yellow	Red	Internal audits	Green	Yellow	Red											
Status current HHIM analysis		Green	Yellow	Red	Score: 13	Status prgm mgmt												Green	Yellow	Red	Score: 22			
HHIM Data Trend Analysis		Manpower Analysis																						
Indicator		1992	1993	1994	Required													Authorized	Current					
OPRs / People		253	757	253	757	1													0	1				
% OPRs coded RAC 1+2 / # OPRs		32	82	32	82	2													0	0				
% OPRs coded RAC 3 / # OPRs		32	81	32	81	0													0	0				
% OPRs coded RAC 4+5 / # OPRs		13	34	13	34	N/A													N/A	0				
% OPRs coded RAC 0 / # OPRs		22	56	22	56	N/A													N/A	0				
% OPRs reeval next yr / # OPRs		2	4	0	0	N/A													N/A	0				
% OPRs evaluated / # OPRs		5	13	0	0	3													0	1				
% OPRs sampled / # OPRs		0	1	0	0	CIH / IHIT / CSP / COHST													0	0	0	0		
% OPRs with exp > AL / # OPRs		0	1	0	0	Status manpower													Green	Yellow	Red	Score: 2		
% OPRs with exp > std / # OPRs		1	3	0	0	Budget Analysis (\$1,000)																		
% OPRs requiring RPE / # OPRs		1	3	0	0	CY													BY	98	99	00	01	02
% OPRs req RPE not used / # OPRs		0	0	0	0	Required													220					
% OPRs RPE used not req / # OPRs		0	0	0	0	Requested													0					
Samples collected to date		6	6	6	6	Authorized													0					
Status HHIM trend analysis		Green	Yellow	Red	Score: 11	Executed													0					
Cost Savings Analysis		Shortfall																	220					
Algorithm being developed, section not scored		Status budget																	Green	Yellow	Red	Score: 1		
Comments		Jim begin work as the IHIM in Oct. 95. He has problems with the HHIM data, it cannot be uploaded at Ft. Detrick, they are working on the problem. The budget is prepared and managed from CHPPM-Europe and Jim has no input or accountability. He gets good emergency response from CHPPM-Eur. The HHIM will not load data to the MIM. His goal for the year is to complete the baseline HHIM. His office is within CHPPM-Eur.																						
Status - potential cost savings		Green	Yellow	Red	Score 0																			

Letterkenny Army Depot Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 42461		IH Program Status		Green	Yellow	Red	Occ. Risk Factor ORF1: 47		ORF2: 10		ORF Rank: 11	
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported								
OPRs / Eval / Sampled / People	1401 / 424 / 22 / 3343	Program document	☒ Green	☐ Yellow	☐ Red	Response to complaints	☐ Green	☒ Yellow	☐ Red			
RAC 1+2 OPRs / Eval / Sampled / People	252 / 46 / 13 / 2402	HHIM	☒ Green	☐ Yellow	☐ Red	Occ. health prgm	☐ Green	☒ Yellow	☐ Red			
RAC 3 OPRs / Eval / Sampled / People	496 / 147 / 6 / 5198	IHIP	☒ Green	☐ Yellow	☐ Red	Hazard communication prgm	☒ Green	☐ Yellow	☐ Red			
RAC 4+5 OPRs / Eval / Sampled / People	588 / 212 / 3 / 3984	EPC	☒ Green	☐ Yellow	☐ Red	CRCP	☐ Green	☒ Yellow	☐ Red			
RAC 0 OPRs / Eval / Sampled / People	65 / 19 / 0 / 87	HHIM data calls	☒ Green	☐ Yellow	☐ Red	Respiratory protection prgm	☒ Green	☐ Yellow	☐ Red			
Admin OPRs / Eval / Sampled / People	227 / 143 / 0 / 1208	Recordkeeping	☐ Green	☒ Yellow	☐ Red	Personal protective equip prgm	☐ Green	☒ Yellow	☐ Red			
Industrial OPRs / Eval / Sampled / People	1174 / 281 / 22 / 2135	Timekeeping	☐ Green	☐ Yellow	☒ Red	Design review prgm	☒ Green	☐ Yellow	☐ Red			
OPRs with exposure > AL	5	Follow-up	☐ Green	☒ Yellow	☐ Red	Ergonomics prgm	☒ Green	☐ Yellow	☐ Red			
OPRs with exposure > std		Hazard abatement plan	☐ Green	☒ Yellow	☐ Red	Biological hazard control prgm	☐ Green	☒ Yellow	☐ Red			
OPRs requiring RPE	25	Staff training	☒ Green	☐ Yellow	☐ Red	Confined space entry prgm	☐ Green	☒ Yellow	☐ Red			
OPRs RPE required but not used	0	Credentialed/priviledging	☐ Green	☐ Yellow	☒ Red	Prgrms supported	☒ Green	☐ Yellow	☐ Red	Score: 24		
OPRs RPE used but not required	10	Facilities	☐ Green	☒ Yellow	☐ Red	Problems/Support	☐ Code	☐ Schedule	☐ Comp			
OPRs sampled to date	37	Equipment	☒ Green	☐ Yellow	☐ Red	Ergonomics Training	☐ T-EX					
Status current HHIM analysis	☐ Green ☒ Yellow ☐ Red	Internal audits	☒ Green	☐ Yellow	☐ Red	Chrome plating sampling & ventilation	☐ T-PO					
HHIM Data Trend Analysis		Status prgm mgmt	☐ Green ☐ Yellow ☐ Red	Score: 34		Welding operation evaluations	☐ T-WC					
Manpower Analysis												
Indicator	1992	1993	1994	Required	Authorized	Current						
OPRs / People	601 / 1508	1145 / 2173	1401 / 3343	3	2	2						
% OPRs coded RAC 1+2 / # OPRs	35 / 211	21 / 238	18 / 252	3	2	3						
% OPRs coded RAC 3 / # OPRs	40 / 238	37 / 427	35 / 496	0	0	0						
% OPRs coded RAC 4+5 / # OPRs	24 / 147	38 / 432	42 / 588	N/A	N/A	0						
% OPRs coded RAC 0 / # OPRs	1 / 5	4 / 48	5 / 65	N/A	N/A	0						
% OPRs reeval next yr / # OPRs	6 / 36	6 / 69	5 / 64	N/A	N/A	0						
% OPRs evaluated / # OPRs	77 / 465	56 / 638	30 / 424	6	4	5						
% OPRs sampled / # OPRs	1 / 4	2 / 19	2 / 22	CIH / IHIT / CSP / COHST			0 / 0 / 0 / 0					
% OPRs with exp > AL / # OPRs	0 / 0	1 / 6	0 / 5	Status manpower			☐ Green ☐ Yellow ☐ Red	Score: 2				
% OPRs with exp > std / # OPRs	/	/	/	Budget Analysis (\$1,000)								
% OPRs requiring RPE / # OPRs	5 / 30	3 / 31	2 / 25	CY	BY	98	99	00	01	02		
% OPRs req RPE not used / # OPRs	0 / 0	0 / 1	0 / 0	Required	410							
% OPRs RPE used not req / # OPRs	3 / 18	0 / 4	1 / 10	Requested	190							
Samples collected to date	21	46	75	Authorized	0							
Status HHIM trend analysis	☐ Green ☒ Yellow ☐ Red	Score: 25		Executed	0							
Cost Savings Analysis		Shortfall		410								
Algorithm being developed, section not scored		Status budget	☐ Green ☐ Yellow ☐ Red	Score: 1								
Comments												
1. 1 IHT is an Orise position for FY 96. 2. Budget does not include: 10 K lab analysis cost provided by FT Detrick. 3. 5 year equip. replacement plan is always rejected by committee. 4. MIM does not work well, seldom used.												
Status - potential cost savings		☐ Green ☐ Yellow ☐ Red	Score: 0									

DATE: 19-Jun-96

E-56

New Cumberland Army Depot Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 42598		IH Program Status		Green	Yellow	Red	Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 65		
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported					
OPRs / Eval / Sampled / People	1 / 0 / 0 / 0 / 0	Program document	Green	Yellow	Red	Response to complaints	Green	Yellow	
RAC 1+2 OPRs / Eval / Sampled / People	0 / 0 / 0 / 0 / 0	HHIM	Green	Yellow	Red	Occ. health prgm	Green	Yellow	
RAC 3 OPRs / Eval / Sampled / People	0 / 0 / 0 / 0 / 0	IHIP	Green	Yellow	Red	Hazard communication prgm	Green	Yellow	
RAC 4+5 OPRs / Eval / Sampled / People	1 / 0 / 0 / 0 / 0	EPC	Green	Yellow	Red	CRCP	Green	Yellow	
RAC 0 OPRs / Eval / Sampled / People	0 / 0 / 0 / 0 / 0	HHIM data calls	Green	Yellow	Red	Respiratory protection prgm	Green	Yellow	
Admin OPRs / Eval / Sampled / People	1 / 0 / 0 / 0 / 0	Recordkeeping	Green	Yellow	Red	Personal protective equip prgm	Green	Yellow	
Industrial OPRs / Eval / Sampled / People	0 / 0 / 0 / 0 / 0	Timekeeping	Green	Yellow	Red	Design review prgm	Green	Yellow	
OPRs with exposure > AL	0	Follow-up	Green	Yellow	Red	Ergonomics prgm	Green	Yellow	
OPRs with exposure > std		Hazard abatement plan	Green	Yellow	Red	Biological hazard control prgm	Green	Yellow	
OPRs requiring RPE	0	Staff training	Green	Yellow	Red	Confined space entry prgm	Green	Yellow	
OPRs RPE required but not used	0	Credentialing/privileging	Green	Yellow	Red	Prgrms supported	Green	Yellow	
OPRs RPE used but not required	0	Facilities	Green	Yellow	Red	Problems/Support	Code	Schedule	
OPRs sampled to date	0	Equipment	Green	Yellow	Red	Calibration Spt	Y-EU	Comp	
Status current HHIM analysis	Green	Internal audits	Green	Yellow	Red				
Score: 13		Status prgm mgmt	Green	Yellow	Red	Score: 25			
HHIM Data Trend Analysis		Manpower Analysis							
Indicator	1992	1993	1994	Required	Authorized	Current			
OPRs / People	1 / 0	1 / 0	1 / 0	2	1	1			
% OPRs coded RAC 1+2 / # OPRs	0 / 0	0 / 0	0 / 0	1	0	0			
% OPRs coded RAC 3 / # OPRs	0 / 0	0 / 0	0 / 0	1	0	1			
% OPRs coded RAC 4+5 / # OPRs	100 / 1	100 / 1	100 / 1	N/A	N/A	0			
% OPRs coded RAC 0 / # OPRs	0 / 0	0 / 0	0 / 0	N/A	N/A	0			
% OPRs reeval next yr / # OPRs	0 / 0	0 / 0	0 / 0	N/A	N/A	0			
% OPRs evaluated / # OPRs	0 / 0	0 / 0	0 / 0	4	1	2			
% OPRs sampled / # OPRs	0 / 0	0 / 0	0 / 0	CIH / IHIT / CSP / COHST			0 / 0 / 0 / 0 / 0		
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0	Status manpower			Green		
% OPRs with exp > std / # OPRs	0 / 0	0 / 0	0 / 0	Budget Analysis (\$1,000)			Red		
% OPRs requiring RPE / # OPRs	0 / 0	0 / 0	0 / 0	CY	BY	98	99	00	
% OPRs req RPE not used / # OPRs	0 / 0	0 / 0	0 / 0	Required	270			01	
% OPRs RPE used not req / # OPRs	0 / 0	0 / 0	0 / 0	Requested	108			02	
Samples collected to date	0	0	0	Authorized	108				
Status HHIM trend analysis	Green	Yellow	Red	Executed	0				
Score: 11		Shortfall		270					
Cost Savings Analysis		Status budget		Green	Yellow	Red	Score: 1		
Algorithm being developed, section not scored									
Comments									
Works for Ft Meade MEDDAC, AMEDD asset on a DLA facility. HHIM baseline was redone in summer 95 & data on about 300 operations was submitted. Enhancement is an ORISE technician. TMDE calibration is too slow. Good execution of installation support, but written documentation is limited.									
Status - potential cost savings	Green	Yellow	Red	Partnership site					YES
				Partnership site					NO

Picatinny Arsenal Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 34693										IH Program Status										Occ Risk Factor ORF1: 11 ORF2: 4 ORF Rank: 29									
Current Data Analysis (1994)										Program Management Analysis										Installation Programs Supported									
OPRs / Eval / Sampled / People										Program document										Response to complaints									
RAC 1+2 OPRs / Eval / Sampled / People										HHIM										Occ. health prgm									
RAC 3 OPRs / Eval / Sampled / People										IHIP										Hazard communication prgm									
RAC 4+5 OPRs / Eval / Sampled / People										EPC										CRCP									
RAC 0 OPRs / Eval / Sampled / People										HHIM data calls										Respiratory protection prgm									
Admin OPRs / Eval / Sampled / People										Recordkeeping										Personal protective equip prgm									
Industrial OPRs / Eval / Sampled / People										Timekeeping										Design review prgm									
OPRs with exposure > AL										Follow-up										Ergonomics prgm									
OPRs with exposure > std										Hazard abatement plan										Biological hazard control prgm									
OPRs requiring RPE										Staff training										Confined space entry prgm									
OPRs RPE required but not used										Credentialing/privileging										Prgrms supported									
OPRs RPE used but not required										Facilities										Problems/Support									
OPRs sampled to date										Equipment										Code									
										Internal audits										P-PR									
										Status prgm mgmt										T-PR									
Status current HHIM analysis										Manpower Analysis										Respiratory protection									
										Required																			
										Authorized																			
										Current																			
										IHs																			
										IH techs																			
										Clerical																			
										IH enhancements																			
										Tech enhancements																			
										Clerical enhancements																			
										Totals																			
										CIH / IHIT / CSP / COHST																			
										Status manpower																			
										Budget Analysis (\$1,000)																			
										CY BY 98 99 00 01 02																			
										Required																			
										Requested																			
										Authorized																			
										Executed																			
										Shortfall																			
										Status budget																			
										Red Score: 1																			
										Comments																			
										IH-PM vacancy filled Feb 95. Program is improving as enhancements take effect. Need assistants to conduct RPP. Need a manager's course in HHIM-how to extract data.																			
										Status - potential cost savings																			
										Green Yellow Red																			
										Score: 0																			

All Army Installation Industrial Hygiene Program One-Page Summary Reports

Pine Bluff Arsenal Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 05698		IH Program Status		Green		Yellow		Red		Occ. Risk Factor ORF1: 30		ORF2: 8		ORF Rank: 16							
Current Data Analysis (1994)										Program Management Analysis						Installation Programs Supported					
OPRs / Eval / Sampled / People		3545 / 871 / 18 / 1481		Program document		Green		Yellow		Red		Response to complaints		Green		Yellow		Red			
RAC 1+2 OPRs / Eval / Sampled / People		38 / 4 / 0 / 402		HHIM		Green		Yellow		Red		Occ. health prgm		Green		Yellow		Red			
RAC 3 OPRs / Eval / Sampled / People		506 / 47 / 6 / 6067		IHIP		Green		Yellow		Red		Hazard communication prgm		Green		Yellow		Red			
RAC 4+5 OPRs / Eval / Sampled / People		1815 / 814 / 12 / 10288		EPC		Green		Yellow		Red		CRCP		Green		Yellow		Red			
RAC 0 OPRs / Eval / Sampled / People		1185 / 5 / 0 / 1328		HHIM data calls		Green		Yellow		Red		Respiratory protection prgm		Green		Yellow		Red			
Admin OPRs / Eval / Sampled / People		127 / 9 / 0 / 304		Recordkeeping		Green		Yellow		Red		Personal protective equip prgm		Green		Yellow		Red			
Industrial OPRs / Eval / Sampled / People		3418 / 862 / 18 / 1177		Timekeeping		Green		Yellow		Red		Design review prgm		Green		Yellow		Red			
OPRs with exposure > AL		1		Follow-up		Green		Yellow		Red		Ergonomics prgm		Green		Yellow		Red			
OPRs with exposure > std		90		Hazard abatement plan		Green		Yellow		Red		Biological hazard control prgm		Green		Yellow		Red			
OPRs requiring RPE		5		Staff training		Green		Yellow		Red		Confined space entry prgm		Green		Yellow		Red			
OPRs RPE required but not used		0		Credentialing/priviledging		Green		Yellow		Red		Prgrms supported		Green		Yellow		Red			
OPRs RPE used but not required		122		Facilities		Green		Yellow		Red		Problems/Support		Code		Schedule		Comp			
OPRs sampled to date				Equipment		Green		Yellow		Red											
Status current HHIM analysis		Green		Yellow		Red		Score: 25		Status prgm mgmt		Green		Yellow		Red		Score: 37			
HHIM Data Trend Analysis										Manpower Analysis											
Indicator		1992		1993		1994		Required		Authorized		Current									
OPRs / People		2048 / 777		3173 / 1425		3545 / 1481		2		2		2									
% OPRs coded RAC 1+2 / # OPRs		1 / 21		1 / 37		1 / 38		2		0		0									
% OPRs coded RAC 3 / # OPRs		11 / 219		15 / 476		14 / 506		0		0		0									
% OPRs coded RAC 4+5 / # OPRs		31 / 632		47 / 1477		51 / 1815		N/A		N/A		N/A									
% OPRs coded RAC 0 / # OPRs		57 / 1176		37 / 1183		33 / 1185		N/A		N/A		N/A									
% OPRs reeval next yr / # OPRs		1 / 16		2 / 73		10 / 338		N/A		N/A		N/A									
% OPRs evaluated / # OPRs		44 / 892		38 / 1198		25 / 871		4		2		4									
% OPRs sampled / # OPRs		3 / 58		2 / 48		1 / 18		0		0		0									
% OPRs with exp > AL / # OPRs		0 / 6		0 / 6		0 / 1		Green		Yellow		Red									
% OPRs with exp > std / # OPRs		/		/		/		Budget Analysis (\$1,000)													
% OPRs requiring RPE / # OPRs		7 / 137		5 / 171		3 / 90		CY		BY		98		99		00		01			
% OPRs req RPE not used / # OPRs		2 / 40		0 / 2		0 / 5		Required		270											
% OPRs RPE used not req / # OPRs		0 / 10		0 / 2		0 / 0		Requested		0											
Samples collected to date		64		117		137		Authorized		0											
Status HHIM trend analysis		Green		Yellow		Red		Executed		0											
Algorithm being developed, section not scored								Shortfall		270											
Status budget		Green		Yellow		Red		Status budget		Green		Yellow		Red		Score: 1					
Open lab contract from AMC budget.																					
Comments																					
Status - potential cost savings																					
Green																					
Yellow																					
Red																					
Score 0																					

Presidio of Monterey Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 06581		IH Program Status		Green	Yellow	Red	Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 66	
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported				
OPRs / Eval / Sampled / People	93 / 0 / 0 / 110	Program document	☒ Green	☐ Yellow	☐ Red	Response to complaints	☐ Green	☐ Yellow
RAC 1+2 OPRs / Eval / Sampled / People	19 / 0 / 0 / 37	HHIM	☐ Green	☐ Yellow	☐ Red	Occ. health prgm	☐ Green	☐ Yellow
RAC 3 OPRs / Eval / Sampled / People	15 / 0 / 0 / 39	IHIP	☐ Green	☒ Yellow	☐ Red	Hazard communication prgm	☒ Green	☐ Yellow
RAC 4+5 OPRs / Eval / Sampled / People	58 / 0 / 0 / 56	EPC	☐ Green	☐ Yellow	☐ Red	CRCP	☒ Green	☐ Yellow
RAC 0 OPRs / Eval / Sampled / People	1 / 0 / 0 / 5	HHIM data calls	☐ Green	☐ Yellow	☐ Red	Respiratory protection prgm	☒ Green	☐ Yellow
Admin OPRs / Eval / Sampled / People	15 / 0 / 0 / 14	Recordkeeping	☐ Green	☐ Yellow	☐ Red	Personal protective equip prgm	☐ Green	☐ Yellow
Industrial OPRs / Eval / Sampled / People	78 / 0 / 0 / 96	Timekeeping	☐ Green	☐ Yellow	☐ Red	Design review prgm	☒ Green	☐ Yellow
OPRs with exposure > AL	0	Follow-up	☐ Green	☐ Yellow	☐ Red	Ergonomics prgm	☐ Green	☐ Yellow
OPRs with exposure > std	0	Hazard abatement plan	☐ Green	☐ Yellow	☐ Red	Biological hazard control prgm	☐ Green	☐ Yellow
OPRs requiring RPE	0	Staff training	☒ Green	☐ Yellow	☐ Red	Confined space entry prgm	☒ Green	☐ Yellow
OPRs RPE required but not used	0	Credentialed/priviledging	☐ Green	☒ Yellow	☐ Red	Prgms supported	☒ Green	☐ Yellow
OPRs RPE used but not required	0	Facilities	☒ Green	☐ Yellow	☐ Red	Code	☐ Yellow	☐ Red
OPRs sampled to date	12	Equipment	☒ Green	☐ Yellow	☐ Red	Schedule	☐ Yellow	☐ Red
Status current HHIM analysis	☐ Green ☐ Yellow ☒ Red	Internal audits	☐ Green	☒ Yellow	☐ Red	Problems/Support	☐ Yellow	☐ Red
Score: 13	Score: 13	Status prgm mgmt	☐ Green ☐ Yellow ☐ Red	Score: 26	Score: 26	Program Review	P-PR	
HHIM Data Trend Analysis		Manpower Analysis		Budget Analysis (\$1,000)		Program Administrative Information		
Indicator	1992	1993	1994	Required	Authorized	Current		
OPRs / People	62 / 91	93 / 110	93 / 110	2	1	1		
% OPRs coded RAC 1+2 / # OPRs	29 / 18	20 / 19	20 / 19	2	0	0		
% OPRs coded RAC 3 / # OPRs	21 / 13	16 / 15	16 / 15	1	0	0		
% OPRs coded RAC 4+5 / # OPRs	48 / 30	62 / 58	62 / 58	N/A	N/A	0		
% OPRs coded RAC 0 / # OPRs	2 / 1	1 / 1	1 / 1	N/A	N/A	0		
% OPRs reeval next yr / # OPRs	0 / 0	0 / 0	0 / 0	N/A	N/A	0		
% OPRs evaluated / # OPRs	84 / 52	34 / 32	0 / 0	N/A	N/A	0		
% OPRs sampled / # OPRs	18 / 11	1 / 1	0 / 0	5	1	1		
% OPRs with exp > AL / # OPRs	3 / 2	0 / 0	0 / 0	CIH / IHIT / CSP / COHST	0 / 0 / 0 / 0	0		
% OPRs with exp > std / # OPRs	/	/	/	Status manpower	☐ Green ☐ Yellow ☐ Red	Score: 2		
% OPRs requiring RPE / # OPRs	3 / 2	0 / 0	0 / 0	Budget Analysis (\$1,000)				
% OPRs req RPE not used / # OPRs	0 / 0	0 / 0	0 / 0	FY	CY	BY	98	99
% OPRs RPE used not req / # OPRs	0 / 0	0 / 0	0 / 0	Required	320		01	02
Samples collected to date	12	13	13	Requested	0			
Status HHIM trend analysis	☐ Green ☐ Yellow ☒ Red	Score: 11	Score: 11	Authorized	0			
Cost Savings Analysis		Shortfall		Executed	0			
Algorithm being developed, section not scored		Status budget		☐ Green ☐ Yellow ☐ Red	Score: 1			
				Comments				
				Budget through Greg Ophelm. Limited HHIM use, lots of problems. Pen based computer does not work. TMDE calibration is leaving. can CHPPM help? MIM not working. This is the California Medical Detachment. No e-mail.				
Status - potential cost savings		☐ Green ☐ Yellow ☐ Red	Score: 0					

All Army Installation Industrial Hygiene Program One-Page Summary Reports

Redstone Arsenal Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 01750		Occ. Risk Factor ORF1: 12 ORF2: 4 ORF Rank: 30	
Current Data Analysis (1994)		Installation Programs Supported	
OPRs / Eval / Sampled / People	543 / 74 / 0 / 1386	Response to complaints	☐ Green ☒ Yellow ☐ Red
RAC 1+2 OPRs / Eval / Sampled / People	47 / 15 / 0 / 287	Occ. health prgm	☒ Green ☐ Yellow ☐ Red
RAC 3 OPRs / Eval / Sampled / People	180 / 36 / 0 / 934	Hazard communication prgm	☐ Green ☒ Yellow ☐ Red
RAC 4+5 OPRs / Eval / Sampled / People	183 / 12 / 0 / 593	CRCP	☐ Green ☐ Yellow ☒ Red
RAC 0 OPRs / Eval / Sampled / People	133 / 11 / 0 / 507	Respiratory protection prgm	☒ Green ☐ Yellow ☐ Red
Admin OPRs / Eval / Sampled / People	76 / 3 / 0 / 50	Personal protective equip prgm	☐ Green ☒ Yellow ☐ Red
Industrial OPRs / Eval / Sampled / People	467 / 71 / 0 / 1336	Design review prgm	☒ Green ☐ Yellow ☐ Red
OPRs with exposure > AL	0	Ergonomics prgm	☐ Green ☒ Yellow ☐ Red
OPRs with exposure > std	0	Biological hazard control prgm	☒ Green ☐ Yellow ☐ Red
OPRs requiring RPE	0	Confined space entry prgm	☒ Green ☐ Yellow ☐ Red
OPRs RPE required but not used	0	Prgms supported	☐ Green ☐ Yellow ☐ Red Score: 24
OPRs RPE used but not required	0	Problems/Support	Code Schedule Comp
OPRs sampled to date	0		
Status current HHIM analysis ☐ Green ☐ Yellow ☐ Red Score: 17			
HHIM Data Trend Analysis		Manpower Analysis	
Indicator	1992 1993 1994	Required	Authorized
OPRs / People	420 / 1222 495 / 1291 543 / 1386	2	2
% OPRs coded RAC 1+2 / # OPRs	2 / 9 8 / 40 9 / 47	2	2
% OPRs coded RAC 3 / # OPRs	29 / 121 31 / 152 33 / 180	0	0
% OPRs coded RAC 4+5 / # OPRs	40 / 166 35 / 174 34 / 183	N/A	N/A
% OPRs coded RAC 0 / # OPRs	30 / 124 26 / 129 24 / 133	N/A	N/A
% OPRs reveal next yr / # OPRs	9 / 36 1 / 5 2 / 12	N/A	N/A
% OPRs evaluated / # OPRs	33 / 137 17 / 83 14 / 74	4	4
% OPRs sampled / # OPRs	0 / 0 0 / 0 0 / 0	0	0
% OPRs with exp > AL / # OPRs	0 / 0 0 / 0 0 / 0	0	0
% OPRs with exp > std / # OPRs	0 / 0 0 / 0 0 / 0	0	0
% OPRs requiring RPE / # OPRs	1 / 3 0 / 1 0 / 0	0	0
% OPRs req RPE not used / # OPRs	0 / 0 0 / 0 0 / 0	0	0
% OPRs RPE used not req / # OPRs	0 / 1 0 / 0 0 / 0	0	0
Samples collected to date	1 1 1	100	100
Status HHIM trend analysis ☐ Green ☐ Yellow ☐ Red Score: 22		Executed	0
Cost Savings Analysis		Shortfall	290
Algorithm being developed, section not scored		Status budget	☐ Green ☐ Yellow ☐ Red Score: 1
Comments			
Sampling data not entered for '94 but being entered for '95. Physician at OH Clinic-CSP/GHMD Wayne Bosseman. Budget run by PM and SSG James -no IH Input.			
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0			

Rock Island Arsenal Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 17755										IH Program Status										Occ. Risk Factor ORF1: 9 ORF2: 2 ORF Rank: 36									
Current Data Analysis (1994)										Program Management Analysis										Installation Programs Supported									
OPRs / Eval / Sampled / People										Program document										Response to complaints									
RAC 1+2 OPRs / Eval / Sampled / People										HHIM										Occ. health prgm									
RAC 3 OPRs / Eval / Sampled / People										IHIP										Hazard communication prgm									
RAC 4+5 OPRs / Eval / Sampled / People										EPC										CRCP									
RAC 0 OPRs / Eval / Sampled / People										HHIM data calls										Respiratory protection prgm									
Admin OPRs / Eval / Sampled / People										Recordkeeping										Personal protective equip prgm									
Industrial OPRs / Eval / Sampled / People										Timekeeping										Design review prgm									
OPRs with exposure > AL										Follow-up										Ergonomics prgm									
OPRs with exposure > std										Hazard abatement plan										Biological hazard control prgm									
OPRs requiring RPE										Staff training										Confined space entry prgm									
OPRs RPE required but not used										Credentiaing/priviledging										Prgrms supported									
OPRs RPE used but not required										Facilities										Problems/Support									
OPRs sampled to date										Equipment										Program Review from HSSA Report									
Status current HHIM analysis										Internal audits										Code Schedule Comp									
Indicator										Status prgm mgmt										P-PR									
1992										1993										1994									
1034 / 1766										1173 / 2004										1353 / 2091									
1 / 13										1 / 16										1 / 17									
12 / 125										12 / 138										11 / 148									
88 / 891										86 / 1011										87 / 1177									
0 / 5										1 / 8										1 / 11									
38 / 397										30 / 353										34 / 461									
69 / 710										57 / 674										60 / 815									
5 / 52										3 / 32										2 / 27									
0 / 2										0 / 3										0 / 4									
/										/										/									
2 / 23										4 / 47										4 / 51									
0 / 0										0 / 0										0 / 0									
3 / 32										3 / 40										2 / 32									
155										202										249									
Status HHIM trend analysis										Status budget										Status Score: 31									
Green										Green										Green									
Yellow										Yellow										Yellow									
Red										Red										Red									
Cost Savings Analysis										Status budget										Status Score: 1									
Algorithm being developed, section not scored										Green										Yellow									
Red										Red										Red									
Comments										Comments										Comments									
RIA obtains IH funding through installation mission arsenal operations. Army Corp engineers hired one full time IH - RIA no longer needs to provide support. Cannot support 3dB doubling rate. He says his time keeping management system is state of the art.																													
Status - potential cost savings										Green										Yellow									
Red										Red										Red									
Score 0										Score 0										Score 0									

All Army Installation Industrial Hygiene Program One-Page Summary Reports

Sierra Army Depot Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 06821		Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 67	
Current Data Analysis (1994)		Program Management Analysis	
OPRs / Eval / Sampled / People	393 / 341 / 0 / 968	Program document	☐ Green ☐ Yellow ☐ Red
RAC 1+2 OPRs / Eval / Sampled / People	0 / 0 / 0 / 0	HHIM	☐ Green ☐ Yellow ☐ Red
RAC 3 OPRs / Eval / Sampled / People	0 / 0 / 0 / 0	HHIP	☐ Green ☐ Yellow ☐ Red
RAC 4+5 OPRs / Eval / Sampled / People	1 / 0 / 0 / 5	EPC	☐ Green ☐ Yellow ☐ Red
RAC 0 OPRs / Eval / Sampled / People	392 / 341 / 0 / 3753	HHIM data calls	☐ Green ☐ Yellow ☐ Red
Admin OPRs / Eval / Sampled / People	0 / 0 / 0 / 0	Recordkeeping	☐ Green ☐ Yellow ☐ Red
Industrial OPRs / Eval / Sampled / People	393 / 341 / 0 / 968	Timekeeping	☐ Green ☐ Yellow ☐ Red
OPRs with exposure > AL	0	Follow-up	☐ Green ☐ Yellow ☐ Red
OPRs with exposure > std	10	Hazard abatement plan	☐ Green ☐ Yellow ☐ Red
OPRs requiring RPE	0	Staff training	☐ Green ☐ Yellow ☐ Red
OPRs RPE required but not used	0	Credentialing/privileging	☐ Green ☐ Yellow ☐ Red
OPRs RPE used but not required	0	Facilities	☐ Green ☐ Yellow ☐ Red
OPRs sampled to date	0	Equipment	☐ Green ☐ Yellow ☐ Red
		Internal audits	☐ Green ☐ Yellow ☐ Red
Status current HHIM analysis ☐ Green ☐ Yellow ☐ Red Score: 15		Status prgm mgmt ☐ Green ☐ Yellow ☐ Red Score: 25	
HHIM Data Trend Analysis		Manpower Analysis	
Indicator	1992 / 1993 / 1994	Required	Authorized
OPRs / People	107 / 148 / 144 / 214	1	1
% OPRs coded RAC 1+2 / # OPRs	0 / 0 / 0 / 0	1	0
% OPRs coded RAC 3 / # OPRs	0 / 0 / 0 / 0	0	0
% OPRs coded RAC 4+5 / # OPRs	0 / 0 / 1 / 1	0	0
% OPRs coded RAC 0 / # OPRs	100 / 107 / 99 / 143	N/A	N/A
% OPRs reeval next yr / # OPRs	0 / 0 / 0 / 0	N/A	N/A
% OPRs evaluated / # OPRs	0 / 0 / 43 / 62	N/A	N/A
% OPRs sampled / # OPRs	0 / 0 / 0 / 0	2	1
% OPRs with exp > AL / # OPRs	0 / 0 / 0 / 0	CIH / IHT / CSP / COHST 0 / 0 / 0 / 0	
% OPRs with exp > std / # OPRs	0 / 0 / 0 / 0	Status manpower ☐ Green ☐ Yellow ☐ Red Score: 2	
% OPRs requiring RPE / # OPRs	0 / 0 / 2 / 3	Budget Analysis (\$1,000)	
% OPRs req RPE not used / # OPRs	0 / 0 / 0 / 0	FY	CY BY 98 99 00 01 02
% OPRs RPE used not req / # OPRs	0 / 0 / 0 / 0	Required	170
Samples collected to date	0	Requested	0
Status HHIM trend analysis ☐ Green ☐ Yellow ☐ Red Score: 13		Authorized	0
Cost Savings Analysis		Executed	0
Algorithm being developed, section not scored		Shortfall	170
Status budget ☐ Green ☐ Yellow ☐ Red Score: 1		Status budget ☐ Green ☐ Yellow ☐ Red Score: 1	
Comments			
No IH for past year, New IH started in Jan. Doing walk throughs. Reports to California MEDDET from Ft. Lewis.			
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score: 0			

Tobyhanna Army Depot Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 42877										IH Program Status ☐ Green ☐ Yellow ☐ Red										Occ. Risk Factor ORF1: 3 ORF2: 2 ORF Rank: 37									
Current Data Analysis (1994)										Program Management Analysis										Installation Programs Supported									
OPRs / Eval / Sampled / People										Program document										Response to complaints									
RAC 1+2 OPRs / Eval / Sampled / People										HHIM										☒ Green ☐ Yellow ☐ Red									
RAC 3 OPRs / Eval / Sampled / People										IHIP										☒ Green ☐ Yellow ☐ Red									
RAC 4+5 OPRs / Eval / Sampled / People										EPC										☒ Green ☐ Yellow ☐ Red									
RAC 0 OPRs / Eval / Sampled / People										HHIM data calls										☒ Green ☐ Yellow ☐ Red									
Admin OPRs / Eval / Sampled / People										Recordkeeping										☒ Green ☐ Yellow ☐ Red									
Industrial OPRs / Eval / Sampled / People										Timekeeping										☒ Green ☐ Yellow ☐ Red									
OPRs with exposure > AL										Follow-up										☒ Green ☐ Yellow ☐ Red									
OPRs with exposure > std										Hazard abatement plan										☒ Green ☐ Yellow ☐ Red									
OPRs requiring RPE										Staff training										☒ Green ☐ Yellow ☐ Red									
OPRs RPE required but not used										Credentialing/privileging										☒ Green ☐ Yellow ☐ Red									
OPRs RPE used but not required										Facilities										☒ Green ☐ Yellow ☐ Red									
OPRs sampled to date										Equipment										☒ Green ☐ Yellow ☐ Red									
										Internal audits										☒ Green ☐ Yellow ☐ Red									
Status current HHIM analysis ☒ Green ☐ Yellow ☐ Red										Status prgm mgmt ☒ Green ☐ Yellow ☐ Red										Score: 33 Red Score: 35									
HHIM Data Trend Analysis										Manpower Analysis																			
Indicator										Required										Authorized									
OPRs / People										IHs										Current									
1992										1993										1994									
38 / 133										295 / 433										345 / 512									
0 / 0										0 / 0										0 / 1									
5 / 2										5 / 14										7 / 24									
79 / 30										90 / 266										86 / 285									
16 / 6										5 / 15										7 / 25									
0 / 0										5 / 15										9 / 31									
84 / 32										93 / 273										23 / 81									
8 / 3										6 / 17										5 / 17									
0 / 0										0 / 1										0 / 1									
/										/										/									
3 / 1										5 / 14										4 / 15									
0 / 0										0 / 0										0 / 0									
3 / 1										0 / 1										1 / 2									
13										32										52									
Status HHIM trend analysis ☐ Green ☐ Yellow ☐ Red										Status manpower ☐ Green ☐ Yellow ☐ Red										Red Score: 1									
Cost Savings Analysis										Budget Analysis (\$1,000)																			
CY										BY										98									
Required										360										02									
Requested										194																			
Authorized										0																			
Executed										0																			
Shortfall										360																			
Status budget ☐ Green ☐ Yellow ☐ Red										Status Score: 1																			
Comments																													
Do not control program budget, no budget since Aug of 95. OSHA partnership is working.																													
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red										Score: 0																			

Tooele Army Depot Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 49878		IH Program Status		Green	Yellow	Red	Occ. Risk Factor ORF1: 45 ORF2: 9 ORF Rank: 15	
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported				
OPRs / Eval / Sampled / People	1695 / 277 / 10 / 1503	Program document	Green	Yellow	Red	Response to complaints	Green	Yellow
RAC 1+2 OPRs / Eval / Sampled / People	253 / 61 / 6 / 1262	HHIM	Green	Yellow	Red	Occ. health prgm	Green	Yellow
RAC 3 OPRs / Eval / Sampled / People	452 / 84 / 0 / 3875	IHIP	Green	Yellow	Red	Hazard communication prgm	Green	Yellow
RAC 4+5 OPRs / Eval / Sampled / People	701 / 29 / 0 / 4525	EPC	Green	Yellow	Red	CRCP	Green	Yellow
RAC 0 OPRs / Eval / Sampled / People	289 / 103 / 4 / 751	HHIM data calls	Green	Yellow	Red	Respiratory protection prgm	Green	Yellow
Admin OPRs / Eval / Sampled / People	90 / 21 / 0 / 216	Recordkeeping	Green	Yellow	Red	Personal protective equip prgm	Green	Yellow
Industrial OPRs / Eval / Sampled / People	1605 / 256 / 10 / 1287	Timekeeping	Green	Yellow	Red	Design review prgm	Green	Yellow
OPRs with exposure > AL	2	Follow-up	Green	Yellow	Red	Ergonomics prgm	Green	Yellow
OPRs with exposure > std	33	Hazard abatement plan	Green	Yellow	Red	Biological hazard control prgm	Green	Yellow
OPRs requiring RPE	1	Staff training	Green	Yellow	Red	Confined space entry prgm	Green	Yellow
OPRs RPE required but not used	1	Credentialed/priviledging	Green	Yellow	Red	Prgms supported	Green	Yellow
OPRs RPE used but not required	1	Facilities	Green	Yellow	Red	Problems/Support	Code	Schedule
OPRs sampled to date	20	Equipment	Green	Yellow	Red	Comp		
		Internal audits	Green	Yellow	Red			
Status current HHIM analysis	Green	Yellow	Red	Score: 23	Status prgm mgmt			
HHIM Data Trend Analysis		Manpower Analysis						
Indicator	1992	1993	1994	Required	Authorized	Current		
OPRs / People	1224 / 1163	1422 / 1176	1695 / 1503	4	3	3		
% OPRs coded RAC 1+2 / # OPRs	13 / 160	14 / 194	15 / 253	1	1	1		
% OPRs coded RAC 3 / # OPRs	24 / 294	26 / 370	27 / 452	0	0	0		
% OPRs coded RAC 4+5 / # OPRs	55 / 670	47 / 672	41 / 701	N/A	N/A	1		
% OPRs coded RAC 0 / # OPRs	8 / 100	13 / 186	17 / 289	N/A	N/A	0		
% OPRs reeval next yr / # OPRs	1 / 7	0 / 0	0 / 3	N/A	N/A	0		
% OPRs evaluated / # OPRs	14 / 174	14 / 198	16 / 277	5	4	5		
% OPRs sampled / # OPRs	1 / 8	0 / 3	1 / 10	CIH / IHIT / CSP / COHST			0 / 0 / 0 / 0	
% OPRs with exp > AL / # OPRs	0 / 1	0 / 0	0 / 2	Status manpower			Green	
% OPRs with exp > std / # OPRs	/	/	/	Budget Analysis (\$1,000)			Red Score: 3	
% OPRs requiring RPE / # OPRs	4 / 43	1 / 14	2 / 33	CY	BY	98	99	00
% OPRs req RPE not used / # OPRs	0 / 0	0 / 0	0 / 1	Required	360			01
% OPRs RPE used not req / # OPRs	2 / 29	0 / 1	0 / 1	Requested	0			02
Samples collected to date	51	54	64	Authorized	0			
Status HHIM trend analysis	Green	Yellow	Red	Executed	0			
Cost Savings Analysis		Score: 22		Shortfall	360			
Algorithm being developed, section not scored								
Status - potential cost savings								
Green								
Yellow								
Red								
Score 0								
Comments								
1. \$10,000 budget for contract lab services. 2. Enhancement is for CAMDS, paid by CAMDS AMC.								

Tripler Army Medical Center Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 15984		IH Program Status		Green		Yellow		Red		Occ. Risk Factor ORF1: 0		ORF2: 0		ORF Rank: 68	
Current Data Analysis (1994)															
OPRs / Eval / Sampled / People		397 / 267 / 10 / 919		Green		Yellow		Red		Response to complaints		Green		Yellow	
RAC 1+2 OPRs / Eval / Sampled / People		0 / 0 / 0 / 0		Green		Yellow		Red		Occ. health prgm		Green		Yellow	
RAC 3 OPRs / Eval / Sampled / People		17 / 9 / 0 / 128		Green		Yellow		Red		Hazard communication prgm		Green		Yellow	
RAC 4+5 OPRs / Eval / Sampled / People		70 / 33 / 1 / 1680		Green		Yellow		Red		CRCP		Green		Yellow	
RAC 0 OPRs / Eval / Sampled / People		310 / 225 / 9 / 1338		Green		Yellow		Red		Respiratory protection prgm		Green		Yellow	
Admin OPRs / Eval / Sampled / People		124 / 59 / 0 / 238		Green		Yellow		Red		Personal protective equip prgm		Green		Yellow	
Industrial OPRs / Eval / Sampled / People		273 / 208 / 10 / 681		Green		Yellow		Red		Design review prgm		Green		Yellow	
OPRs with exposure > AL		0		Green		Yellow		Red		Ergonomics prgm		Green		Yellow	
OPRs with exposure > std		15		Green		Yellow		Red		Biological hazard control prgm		Green		Yellow	
OPRs requiring RPE		5		Green		Yellow		Red		Confined space entry prgm		Green		Yellow	
OPRs RPE required but not used		3		Green		Yellow		Red		Prgrms supported		Green		Yellow	
OPRs RPE used but not required		25		Green		Yellow		Red		Problems/Support		Code		Schedule	
OPRs sampled to date		25		Green		Yellow		Red		Comp					
Status current HHIM analysis ☐ Green ☐ Yellow ☐ Red Score: 25															
Manpower Analysis															
Indicator		1992		1993		1994		Required		Authorized		Current			
OPRs / People		27 / 61		197 / 290		397 / 919		3		2		2			
% OPRs coded RAC 1+2 / # OPRs		0 / 0		0 / 0		0 / 0		2		1		1			
% OPRs coded RAC 3 / # OPRs		30 / 8		4 / 8		4 / 17		1		0		0			
% OPRs coded RAC 4+5 / # OPRs		59 / 16		30 / 60		18 / 70		N/A		N/A		0			
% OPRs coded RAC 0 / # OPRs		11 / 3		65 / 129		78 / 310		N/A		N/A		0			
% OPRs reeval next yr / # OPRs		0 / 0		0 / 0		16 / 64		N/A		N/A		0			
% OPRs evaluated / # OPRs		89 / 24		86 / 170		67 / 267		6		3		3			
% OPRs sampled / # OPRs		52 / 14		3 / 5		3 / 10		CIH / IHIT / CSP / COHST		0 / 0 / 0 / 0		0			
% OPRs with exp > AL / # OPRs		0 / 0		0 / 0		0 / 0		Status manpower		☐ Green ☐ Yellow ☐ Red Score: 2					
% OPRs with exp > std / # OPRs		/		/		/		Budget Analysis (\$1,000)							
% OPRs requiring RPE / # OPRs		107 / 29		3 / 6		4 / 15		FY		CY		BY		98 99 00 01 02	
% OPRs req RPE not used / # OPRs		11 / 3		2 / 3		1 / 5		Required		390				Tripler AMC, HI 96857-5000	
% OPRs RPE used not req / # OPRs		15 / 4		1 / 2		1 / 3		Requested		20				DSN 433-6693 COM (808) 433-6693 FAX 1580	
Samples collected to date		28		33		43		Authorized		20				E-mail: tamopms@tamc-amedd.army.mil	
Status HHIM trend analysis ☐ Green ☐ Yellow ☐ Red Score: 24								Executed		0				HSSA: Pacific	
Algorithm being developed, section not scored								Shortfall		390				Partnership site ☐ YES ☒ NO	
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0								Status budget		☐ Green ☐ Yellow ☐ Red Score: 1					
Comments															
Supports Schofield, Shafter, Wheeler Air Field, Ft Rucker. Does not use AMSCO. Need help with ACTEDs. Ran most of RPP. HHIM to MIM and MIM use is limited.															

Vint Hill Farms Station Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 51925										IH Program Status			Program Management Analysis			Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 69		
Current Data Analysis (1994)										Program Management Analysis			Installation Programs Supported					
OPRs / Eval / Sampled / People	162	/	28	/	0	/	177			Program document	☐ Green	☒ Yellow	☐ Red	Response to complaints	☐ Green	☒ Yellow	☐ Red	
RAC 1+2 OPRs / Eval / Sampled / People	0	/	0	/	0	/	0			HHIM	☐ Green	☒ Yellow	☐ Red	Occ. health prgm	☐ Green	☒ Yellow	☐ Red	
RAC 3 OPRs / Eval / Sampled / People	2	/	1	/	0	/	32			IHIP	☐ Green	☒ Yellow	☐ Red	Hazard communication prgm	☐ Green	☒ Yellow	☐ Red	
RAC 4+5 OPRs / Eval / Sampled / People	52	/	6	/	0	/	123			EPC	☒ Green	☐ Yellow	☐ Red	CRCP	☐ Green	☒ Yellow	☐ Red	
RAC 0 OPRs / Eval / Sampled / People	108	/	21	/	0	/	253			HHIM data calls	☐ Green	☒ Yellow	☐ Red	Respiratory protection prgm	☐ Green	☒ Yellow	☐ Red	
Admin OPRs / Eval / Sampled / People	25	/	1	/	0	/	15			Recordkeeping	☐ Green	☒ Yellow	☐ Red	Personal protective equip prgm	☐ Green	☒ Yellow	☐ Red	
Industrial OPRs / Eval / Sampled / People	137	/	27	/	0	/	162			Timekeeping	☐ Green	☒ Yellow	☐ Red	Design review prgm	☒ Green	☐ Yellow	☐ Red	
OPRs with exposure > AL	0									Follow-up	☐ Green	☒ Yellow	☐ Red	Ergonomics prgm	☐ Green	☒ Yellow	☐ Red	
OPRs with exposure > std	3									Hazard abatement plan	☐ Green	☒ Yellow	☐ Red	Biological hazard control prgm	☐ Green	☒ Yellow	☐ Red	
OPRs requiring RPE	0									Staff training	☐ Green	☒ Yellow	☐ Red	Confined space entry prgm	☒ Green	☐ Yellow	☐ Red	
OPRs RPE required but not used	0									Credentialing/privileging	☐ Green	☒ Yellow	☐ Red	Prgrms supported	☐ Green	☒ Yellow	☐ Red	
OPRs RPE used but not required	0									Facilities	☒ Green	☐ Yellow	☐ Red	Problems/Support	☐ Green	☒ Yellow	☐ Red	
OPRs sampled to date	0									Equipment	☒ Green	☐ Yellow	☐ Red	Code	☐ Green	☒ Yellow	☐ Red	
Status current HHIM analysis	☐ Green	☒ Yellow	☐ Red	Score: 26					Status prgm mgmt	☐ Green	☒ Yellow	☐ Red	Schedule	☐ Green	☒ Yellow	☐ Red		
HHIM Data Trend Analysis										Manpower Analysis			Program Administrative Information					
Indicator	1992	1993	1994						Required	Authorized	Current							
OPRs / People	97 / 156	135 / 158	162 / 177						1	0	0							
% OPRs coded RAC 1+2 / # OPRs	0 / 0	0 / 0	0 / 0						0	0	0							
% OPRs coded RAC 3 / # OPRs	1 / 1	1 / 1	1 / 2						0	0	1							
% OPRs coded RAC 4+5 / # OPRs	22 / 21	34 / 46	32 / 52						N/A	N/A	0							
% OPRs coded RAC 0 / # OPRs	77 / 75	65 / 88	67 / 108						N/A	N/A	0							
% OPRs reveal next yr / # OPRs	1 / 1	0 / 0	0 / 0						N/A	N/A	0							
% OPRs evaluated / # OPRs	18 / 17	28 / 38	17 / 28						1	0	1							
% OPRs sampled / # OPRs	0 / 0	0 / 0	0 / 0									IH Program Manager: John Kim						
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0									Commander						
% OPRs with exp > std / # OPRs	0 / 0	0 / 0	0 / 0									USAHC Vint Hill Farms Station						
% OPRs requiring RPE / # OPRs	0 / 0	1 / 1	2 / 3									ATTN: SELVH-SF						
% OPRs req RPE not used / # OPRs	0 / 0	0 / 0	0 / 0									Vint Hill Farms Station						
% OPRs RPE used not req / # OPRs	0 / 0	0 / 0	0 / 0									Warrenton, VA 22186						
Samples collected to date	0	0	0									DSN 229-8050 COM (540) 341-8050 FAX 5601						
Status HHIM trend analysis	☐ Green	☒ Yellow	☐ Red	Score: 19								E-mail: jkim@vinthill.usag.army.mil						
Cost Savings Analysis										Budget Analysis (\$1,000)			HSSA: North Atlantic					
Algorithm being developed, section not scored									CY	BY	98	99	00	01	02	Partnership site ☒ YES ☐ NO		
									Required	120								
									Requested	5								
									Authorized	0								
									Executed	0								
									Shortfall	120								
									Status budget	☐ Green	☐ Yellow	☒ Red	Score: 1					
Comments																		
HHIM computer problems. Closes Sep 97. Most of budget is managed thru Ft Belvoir.																		
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0																		

Walter Reed Medical Center Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 11933										IH Program Status		Program Management Analysis		Occ. Risk Factor ORF1: 59 ORF2: 6 ORF Rank: 19		
Current Data Analysis (1994)										Program Management Analysis		Installation Programs Supported				
OPRs / Eval / Sampled / People	1266	/	231	/	0	/	2618			Program document	☐ Green ☒ Yellow ☐ Red	Response to complaints	☒ Green ☐ Yellow ☐ Red			
RAC 1+2 OPRs / Eval / Sampled / People	162	/	43	/	0	/	1162			HHIM	☒ Green ☐ Yellow ☐ Red	Occ. health prgm	☐ Green ☒ Yellow ☐ Red			
RAC 3 OPRs / Eval / Sampled / People	598	/	131	/	0	/	2193			IHP	☐ Green ☒ Yellow ☐ Red	Hazard communication prgm	☐ Green ☐ Yellow ☒ Red			
RAC 4+5 OPRs / Eval / Sampled / People	496	/	56	/	0	/	2240			EPC	☒ Green ☐ Yellow ☐ Red	CRCP	☐ Green ☒ Yellow ☐ Red			
RAC 0 OPRs / Eval / Sampled / People	10	/	1	/	0	/	64			HHIM data cells	☒ Green ☐ Yellow ☐ Red	Respiratory protection prgm	☒ Green ☐ Yellow ☐ Red			
Admin OPRs / Eval / Sampled / People	75	/	5	/	0	/	137			Recordkeeping	☐ Green ☒ Yellow ☐ Red	Personal protective equip prgm	☐ Green ☒ Yellow ☐ Red			
Industrial OPRs / Eval / Sampled / People	1191	/	226	/	0	/	2481			Timekeeping	☐ Green ☐ Yellow ☒ Red	Design review prgm	☐ Green ☒ Yellow ☐ Red			
OPRs with exposure > AL					0					Follow-up	☐ Green ☐ Yellow ☐ Red	Ergonomics prgm	☐ Green ☐ Yellow ☒ Red			
OPRs with exposure > sid										Hazard abatement plan	☒ Green ☐ Yellow ☐ Red	Biological hazard control prgm	☐ Green ☐ Yellow ☒ Red			
OPRs requiring RPE					12					Staff training	☐ Green ☒ Yellow ☐ Red	Confined space entry prgm	☐ Green ☐ Yellow ☐ Red			
OPRs RPE required but not used					1					Credentialed/priviledging	☐ Green ☒ Yellow ☐ Red	Prgms supported ☐ Green ☒ Yellow ☐ Red	Code Schedule Comp			
OPRs RPE used but not required					7					Facilities	☐ Green ☒ Yellow ☐ Red	Problems/Support				
OPRs sampled to date					7					Equipment	☒ Green ☐ Yellow ☐ Red	Contract Spt.				
										Internal audits	☐ Green ☐ Yellow ☒ Red					
Status current HHIM analysis ☐ Green ☒ Yellow ☐ Red	Score: 28				Score: 31											
HHIM Data Trend Analysis										Manpower Analysis						
Indicator	1992	1993	1994							Required	Authorized	Current				
OPRs / People	860 / 1945	1036 / 2280	1266 / 2618							7	7	6				
% OPRs coded RAC 1+2 / # OPRs	8 / 68	11 / 119	13 / 162							8	3	2				
% OPRs coded RAC 3 / # OPRs	45 / 385	45 / 467	47 / 598							2	2	0				
% OPRs coded RAC 4+5 / # OPRs	46 / 398	43 / 441	39 / 496							N/A	N/A	0				
% OPRs coded RAC 0 / # OPRs	1 / 9	1 / 9	1 / 10							N/A	N/A	0				
% OPRs reeval next yr / # OPRs	0 / 2	1 / 6	0 / 0							N/A	N/A	2				
% OPRs evaluated / # OPRs	32 / 275	18 / 184	18 / 231							17	12	10				
% OPRs sampled / # OPRs	0 / 4	0 / 3	0 / 0							CIH / IHIT / CSP / COHST 0 / 0 / 1 / 0						
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0							Status manpower ☐ Green ☐ Yellow ☐ Red Score: 1						
% OPRs with exp > std / # OPRs	/	/	/							Budget Analysis (\$1,000)						
% OPRs requiring RPE / # OPRs	1 / 8	0 / 0	1 / 12							CY	BY	98	99	00	01	02
% OPRs req RPE not used / # OPRs	0 / 1	0 / 0	0 / 1							Required	1000					
% OPRs RPE used not req / # OPRs	1 / 11	0 / 0	1 / 7							Requested	0					
Samples collected to date	11	14	14							Authorized	0					
Status HHIM trend analysis ☐ Green ☒ Yellow ☐ Red	Score: 22				Score: 22											
Cost Savings Analysis										Status budget ☐ Green ☐ Yellow ☐ Red Score: 1						
Algorithm being developed, section not scored										Shortfall				1000		
										Status budget				☐ Green ☐ Yellow ☐ Red	Score: 1	
										Comments						
										94 data at WRAMC is marginal. Two environmental techs funded with IH funds. Now tracking against AMSCO. Using a commercial lab.						
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red										Score 0						

Watervliet Arsenal Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 36939		IH Program Status		Green	Yellow	Red	Occ. Risk Factor ORF1: 85 ORF2: 42 ORF Rank: 2	
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported				
OPRs / Eval / Sampled / People	556 / 262 / 22 / 1243	Program document	☒ Green	☐ Yellow	☐ Red	Response to complaints	☐ Green	☒ Yellow
RAC 1+2 OPRs / Eval / Sampled / People	26 / 18 / 4 / 230	HHIM	☒ Green	☐ Yellow	☐ Red	Occ. health prgm	☐ Green	☒ Yellow
RAC 3 OPRs / Eval / Sampled / People	110 / 58 / 5 / 1054	IHIP	☒ Green	☐ Yellow	☐ Red	Hazard communication prgm	☐ Green	☒ Yellow
RAC 4+5 OPRs / Eval / Sampled / People	399 / 176 / 2 / 2087	EPC	☒ Green	☐ Yellow	☐ Red	CRCP	☒ Green	☐ Yellow
RAC 0 OPRs / Eval / Sampled / People	21 / 10 / 2 / 4	HHIM data calls	☒ Green	☐ Yellow	☐ Red	Respiratory protection prgm	☒ Green	☐ Yellow
Admin OPRs / Eval / Sampled / People	54 / 33 / 1 / 213	Recordkeeping	☐ Green	☒ Yellow	☐ Red	Personal protective equip prgm	☐ Green	☒ Yellow
Industrial OPRs / Eval / Sampled / People	502 / 229 / 21 / 1030	Timekeeping	☐ Green	☐ Yellow	☒ Red	Design review prgm	☒ Green	☐ Yellow
OPRs with exposure > AL	4	Follow-up	☐ Green	☐ Yellow	☐ Red	Ergonomics prgm	☒ Green	☐ Yellow
OPRs with exposure > std	24	Hazard abatement plan	☒ Green	☐ Yellow	☐ Red	Biological hazard control prgm	☐ Green	☒ Yellow
OPRs requiring RPE	1	Staff training	☒ Green	☐ Yellow	☐ Red	Confined space entry prgm	☒ Green	☐ Yellow
OPRs RPE required but not used	16	Credentialing/privileging	☐ Green	☐ Yellow	☒ Red	Prgrms supported	☐ Green	☐ Yellow
OPRs RPE used but not required	47	Facilities	☒ Green	☐ Yellow	☐ Red	Problems/Support	☐ Green	☐ Yellow
OPRs sampled to date		Equipment	☒ Green	☐ Yellow	☐ Red	Code	☐ Green	☐ Yellow
		Internal audits	☒ Green	☐ Yellow	☐ Red	Schedule	☐ Green	☐ Yellow
Status current HHIM analysis	☐ Green ☒ Yellow ☐ Red	Status prgm mgmt	☐ Green ☐ Yellow ☐ Red	Score: 36				
HHIM Data Trend Analysis		Manpower Analysis						
Indicator	1992	1993	1994	Required	Authorized	Current		
OPRs / People	340 / 769	414 / 1005	556 / 1243	3	3	1		
% OPRs coded RAC 1+2 / # OPRs	5 / 16	5 / 20	5 / 26	2	1	1		
% OPRs coded RAC 3 / # OPRs	20 / 68	20 / 84	20 / 110	0	0	0		
% OPRs coded RAC 4+5 / # OPRs	71 / 241	71 / 294	72 / 399	N/A	N/A	0		
% OPRs coded RAC 0 / # OPRs	4 / 15	4 / 16	4 / 21	N/A	N/A	0		
% OPRs reeval next yr / # OPRs	7 / 24	6 / 25	5 / 29	N/A	N/A	0		
% OPRs evaluated / # OPRs	51 / 174	30 / 126	47 / 262	5	4	2		
% OPRs sampled / # OPRs	9 / 30	4 / 17	4 / 22	CIH / IHIT / CSP / COHST			0 / 1 / 0 / 0	
% OPRs with exp > AL / # OPRs	2 / 6	1 / 3	1 / 4	Status manpower			☐ Green ☐ Yellow ☐ Red Score: 1	
% OPRs with exp > std / # OPRs	/	/	/	Budget Analysis (\$1,000)				
% OPRs requiring RPE / # OPRs	8 / 27	5 / 19	4 / 24	FY	CY	BY	98	99
% OPRs req RPE not used / # OPRs	0 / 0	0 / 0	0 / 1	Required	360			
% OPRs RPE used not req / # OPRs	2 / 8	1 / 3	3 / 16	Requested	0			
Samples collected to date	118	156	191	Authorized	0			
Status HHIM trend analysis	☐ Green ☐ Yellow ☐ Red	Score: 27						
Cost Savings Analysis								
Algorithm being developed, section not scored								
Status budget		☐ Green ☐ Yellow ☐ Red	Score: 1					
Comments		Expendables requested as needed including equip.						
Status - potential cost savings		☐ Green ☐ Yellow ☐ Red	Score: 0					

DATE: 19~Jun-96

E-70

White Sands Missile Range Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: 35970		IH Program Status		Green	Yellow	Red	Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 71	
Current Data Analysis (1994)		Program Management Analysis		Installation Programs Supported				
OPRs / Eval / Sampled / People	1033 / 134 / 4 / 4907	Program document	Green	Yellow	Red	Response to complaints	Green	Yellow
RAC 1+2 OPRs / Eval / Sampled / People	0 / 0 / 0 / 0	HHIM	Green	Yellow	Red	Occ. health prgm	Green	Yellow
RAC 3 OPRs / Eval / Sampled / People	0 / 0 / 0 / 0	IHIP	Green	Yellow	Red	Hazard communication prgm	Green	Yellow
RAC 4+5 OPRs / Eval / Sampled / People	1 / 1 / 0 / 1	EPC	Green	Yellow	Red	CRCP	Green	Yellow
RAC 0 OPRs / Eval / Sampled / People	1032 / 133 / 4 / 8679	HHIM data calls	Green	Yellow	Red	Respiratory protection prgm	Green	Yellow
Admin OPRs / Eval / Sampled / People	408 / 67 / 0 / 2330	Recordkeeping	Green	Yellow	Red	Personal protective equip prgm	Green	Yellow
Industrial OPRs / Eval / Sampled / People	625 / 67 / 4 / 2577	Timekeeping	Green	Yellow	Red	Design review prgm	Green	Yellow
OPRs with exposure > AL	0	Follow-up	Green	Yellow	Red	Ergonomics prgm	Green	Yellow
OPRs with exposure > std		Hazard abatement plan	Green	Yellow	Red	Biological hazard control prgm	Green	Yellow
OPRs requiring RPE	11	Staff training	Green	Yellow	Red	Confined space entry prgm	Green	Yellow
OPRs RPE required but not used	1	Credentialing/privileging	Green	Yellow	Red	Prgrms supported	Green	Yellow
OPRs RPE used but not required	2	Facilities	Green	Yellow	Red	Code	Yellow	Red
OPRs sampled to date	4	Equipment	Green	Yellow	Red	Schedule	Yellow	Red
		Internal audits	Green	Yellow	Red	Program Review	P-PR	Comp
Status current HHIM analysis	Green	Yellow	Red	Score: 13	Status prgm mgmt	Green	Yellow	Red
HHIM Data Trend Analysis		Manpower Analysis		Budget Analysis (\$1,000)				
Indicator	1992	1993	1994	Required	Authorized	Current		
OPRs / People	975 / 4544	999 / 4601	1033 / 4907	1	1	1		
% OPRs coded RAC 1+2 / # OPRs	0 / 0	0 / 0	0 / 0	1	1	1		
% OPRs coded RAC 3 / # OPRs	0 / 0	0 / 0	0 / 0	0	0	0		
% OPRs coded RAC 4+5 / # OPRs	0 / 0	0 / 0	0 / 1	N/A	N/A	0		
% OPRs coded RAC 0 / # OPRs	100 / 975	100 / 999	100 / 1032	N/A	N/A	0		
% OPRs reeval next yr / # OPRs	27 / 265	4 / 39	1 / 9	N/A	N/A	0		
% OPRs evaluated / # OPRs	34 / 333	12 / 116	13 / 134	N/A	N/A	0		
% OPRs sampled / # OPRs	0 / 0	0 / 1	0 / 4	2	2	2		
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 0	0	0	0		
% OPRs with exp > std / # OPRs	0 / 0	0 / 0	0 / 0	0	0	0		
% OPRs requiring RPE / # OPRs	1 / 13	2 / 23	1 / 11	0	0	0		
% OPRs req RPE not used / # OPRs	0 / 1	0 / 1	0 / 1	0	0	0		
% OPRs RPE used not req / # OPRs	0 / 2	1 / 7	0 / 2	0	0	0		
Samples collected to date	0	3	11	0	0	0		
Status HHIM trend analysis	Green	Yellow	Red	Score: 17	Status manpower	Green	Yellow	Red
Cost Savings Analysis		Budget Analysis (\$1,000)		Status budget		Green	Yellow	Red
Algorithm being developed, section not scored		CY		BY	98	99	00	01
		Required		170				02
		Requested		0				
		Authorized		0				
		Executed		0				
		Shortfall		170				
		Status budget		Green	Yellow	Red	Score: 1	
		Comments		Has budget prepared by FT Bliss - new IH as of March 1995. No email yet just starting to use the HHIM.				
Status - potential cost savings		Green	Yellow	Red	Score	0		

Wuerzburg Hospital Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: GE96W		IH Program Status		Green		Yellow		Red		Occ. Risk Factor ORF1: 0		ORF2: 0		ORF Rank: 72	
Current Data Analysis (1994)															
OPRs / Eval / Sampled / People		6 / 0 / 0 / 0 / 39		Green		Yellow		Red		Installation Programs Supported					
RAC 1+2 OPRs / Eval / Sampled / People		0 / 0 / 0 / 0 / 0		Green		Yellow		Red		Response to complaints					
RAC 3 OPRs / Eval / Sampled / People		3 / 0 / 0 / 0 / 27		Green		Yellow		Red		Occ. health prgm					
RAC 4+5 OPRs / Eval / Sampled / People		3 / 0 / 0 / 0 / 12		Green		Yellow		Red		Hazard communication prgm					
RAC 0 OPRs / Eval / Sampled / People		0 / 0 / 0 / 0 / 0		Green		Yellow		Red		CRCP					
Admin OPRs / Eval / Sampled / People		1 / 0 / 0 / 0 / 3		Green		Yellow		Red		Respiratory protection prgm					
Industrial OPRs / Eval / Sampled / People		5 / 0 / 0 / 0 / 36		Green		Yellow		Red		Personal protective equip prgm					
OPRs with exposure > AL		0		Green		Yellow		Red		Design review prgm					
OPRs with exposure > std		0		Green		Yellow		Red		Ergonomics prgm					
OPRs requiring RPE		0		Green		Yellow		Red		Biological hazard control prgm					
OPRs RPE required but not used		0		Green		Yellow		Red		Confined space entry prgm					
OPRs RPE used but not required		0		Green		Yellow		Red		Prgrms supported					
OPRs sampled to date		0		Green		Yellow		Red		Problems/Support					
Status current HHIM analysis		Green		Yellow		Red		Score: 13		Code					
Indicator		1992		1993		1994		Score: 28		Schedule					
OPRs / People		3 / 19		6 / 39		6 / 39		Score: 28		Comp					
% OPRs coded RAC 1+2 / # OPRs		0 / 0		0 / 0		0 / 0		Score: 28		Program Administrative Information					
% OPRs coded RAC 3 / # OPRs		67 / 2		50 / 3		50 / 3		Score: 28		IH Program Manager: Clark Weaver					
% OPRs coded RAC 4+5 / # OPRs		33 / 1		50 / 3		50 / 3		Score: 28		Commander					
% OPRs coded RAC 0 / # OPRs		0 / 0		0 / 0		0 / 0		Score: 28		USAMEDDAC Wuerzburg					
% OPRs reeval next yr / # OPRs		0 / 0		0 / 0		0 / 0		Score: 28		Unit					
% OPRs evaluated / # OPRs		100 / 3		50 / 3		50 / 3		Score: 28		APO, AE 091					
% OPRs sampled / # OPRs		0 / 0		0 / 0		0 / 0		Score: 28		DSN 379-6323 COM 011-49-8043-673 FAX					
% OPRs with exp > AL / # OPRs		0 / 0		0 / 0		0 / 0		Score: 28		E-mail: Clark_Weaver@chppm-eur-commail.army.mil					
% OPRs with exp > std / # OPRs		/		/		/		Score: 28		HSSA: Europe					
% OPRs requiring RPE / # OPRs		0 / 0		0 / 0		0 / 0		Score: 28		Partnership site					
% OPRs req RPE not used / # OPRs		0 / 0		0 / 0		0 / 0		Score: 28		YES NO					
% OPRs RPE used not req / # OPRs		0 / 0		0 / 0		0 / 0		Score: 28		Status budget					
Samples collected to date		0		0		0		Score: 28		Status Score: 1					
Status HHIM trend analysis		Green		Yellow		Red		Score: 11		Comments					
Algorithm being developed, section not scored		Green		Yellow		Red		Score: 11		Clark was not available, therefore we estimated the score and code for each of the 7 sections of the status report. When Clark reports for duty at the MEDDAC we will contact him, update this information and add it to our next report.					
Status - potential cost savings		Green		Yellow		Red		Score: 0							

Yong San Industrial Hygiene Program Status Report

DATE: 19-Jun-96

ARLOC: KS976										IH Program Status		Program Management Analysis		Occ. Risk Factor ORF1: 0 ORF2: 0 ORF Rank: 73	
Current Data Analysis (1994)										Program Management Analysis		Installation Programs Supported			
OPRs / Eval / Sampled / People	630	/	73	/	2	/	3106			Green	☐ Yellow	☐ Red	Response to complaints	☐ Green ☒ Yellow ☐ Red	
RAC 1+2 OPRs / Eval / Sampled / People	0	/	0	/	0	/	0			Green	☐ Yellow	☐ Red	Occ. health prgm	☐ Green ☒ Yellow ☐ Red	
RAC 3 OPRs / Eval / Sampled / People	3	/	0	/	0	/	12			Green	☐ Yellow	☐ Red	Hazard communication prgm	☒ Green ☐ Yellow ☐ Red	
RAC 4+5 OPRs / Eval / Sampled / People	0	/	0	/	0	/	0			Green	☐ Yellow	☐ Red	CRCP	☒ Green ☐ Yellow ☐ Red	
RAC 0 OPRs / Eval / Sampled / People	626	/	73	/	2	/	5670			Green	☐ Yellow	☐ Red	Respiratory protection prgm	☐ Green ☒ Yellow ☐ Red	
Admin OPRs / Eval / Sampled / People	29	/	2	/	0	/	148			Green	☐ Yellow	☐ Red	Personal protective equip prgm	☐ Green ☒ Yellow ☐ Red	
Industrial OPRs / Eval / Sampled / People	601	/	71	/	2	/	2958			Green	☐ Yellow	☐ Red	Design review prgm	☐ Green ☒ Yellow ☐ Red	
OPRs with exposure > AL	1									Green	☐ Yellow	☐ Red	Ergonomics prgm	☐ Green ☒ Yellow ☐ Red	
OPRs with exposure > std	31									Green	☐ Yellow	☐ Red	Biological hazard control prgm	☐ Green ☒ Yellow ☐ Red	
OPRs requiring RPE	10									Green	☐ Yellow	☐ Red	Confined space entry prgm	☐ Green ☒ Yellow ☐ Red	
OPRs RPE required but not used	3									Green	☐ Yellow	☐ Red	Prgrms supported	☐ Green ☒ Yellow ☐ Red	
OPRs RPE used but not required	2									Green	☐ Yellow	☐ Red	Problems/Support	Code Schedule	
OPRs sampled to date										Green	☐ Yellow	☐ Red	Comp		
Status current HHIM analysis	☐ Green ☐ Yellow ☒ Red	Score: 18													
HHIM Data Trend Analysis															
Indicator	1992	1993	1994												
OPRs / People	465 / 2225	573 / 2815	630 / 3106												
% OPRs coded RAC 1+2 / # OPRs	0 / 0	0 / 0	0 / 0												
% OPRs coded RAC 3 / # OPRs	1 / 3	1 / 3	0 / 3												
% OPRs coded RAC 4+5 / # OPRs	0 / 0	0 / 0	0 / 0												
% OPRs coded RAC 0 / # OPRs	99 / 461	99 / 569	99 / 626												
% OPRs reeval next yr / # OPRs	0 / 0	4 / 21	2 / 14												
% OPRs evaluated / # OPRs	99 / 462	23 / 129	12 / 73												
% OPRs sampled / # OPRs	0 / 0	0 / 0	0 / 2												
% OPRs with exp > AL / # OPRs	0 / 0	0 / 0	0 / 1												
% OPRs with exp > std / # OPRs	/	/	/												
% OPRs requiring RPE / # OPRs	10 / 47	5 / 26	5 / 31												
% OPRs req RPE not used / # OPRs	5 / 21	2 / 10	2 / 10												
% OPRs RPE used not req / # OPRs	4 / 19	1 / 8	0 / 3												
Samples collected to date	0	0	2												
Status HHIM trend analysis	☐ Green ☐ Yellow ☒ Red	Score: 16													
Cost Savings Analysis															
Algorithm being developed, section not scored															
Status budget ☐ Green ☐ Yellow ☒ Red Score: 1															
Comments															
RMO 18th MEDCOM does not support tracking funds by AMSCO. Ann does not assign RACs until sampling is completed. Need additional equip. Just starting to do sampling, began Aug 95. Never use MIM. Big problems with HHIM computers. Losing people. RPP does not function.															
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0															

Appendix F

AN EXAMPLE HSSA STATUS REPORT

Overview

The Health Service Support Area status report consists of a one page summary report and 16 individual reports (tables and graphs) that summarize all of the important indicator data from the individual installation status reports and array those data in a series of easy to understand and interpret tables and graphs. Each of the reports is presented on the following pages.

DATE: 19-Jun-96

Southeast HSSA Industrial Hygiene Program Status Report

Current Data Analysis (1994)				IH Program Status				Program Management Analysis				Installation Programs Supported				
OPRs / Eval / Sampled / People	6151 / 2833 / 62 / 39787	Green	Yellow	Green	Yellow	Green	Yellow	Green	Yellow	Green	Yellow	Green	Yellow	Green	Yellow	
RAC 1+2 OPRs / Eval / Sampled / People	118 / 41 / 0 / 893	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	
RAC 3 OPRs / Eval / Sampled / People	2808 / 1093 / 30 / 32640	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	
RAC 4+5 OPRs / Eval / Sampled / People	2359 / 1332 / 8 / 24035	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	
RAC 0 OPRs / Eval / Sampled / People	865 / 367 / 19 / 6840	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	
Admin OPRs / Eval / Sampled / People	159 / 27 / 0 / 289	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	
Industrial OPRs / Eval / Sampled / People	5992 / 2806 / 62 / 39498	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	
OPRs with exposure > AL	12	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	
OPRs with exposure > std		☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	
OPRs requiring RPE	222	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	
OPRs RPE required but not used	8	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	
OPRs RPE used but not required	134	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	
OPRs sampled to date	111	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	
Status current HHIM analysis	☐ Green ☐ Yellow ☒ Red	Score: 22														
HHIM Data Trend Analysis																
Indicator	1992	1993	1994													
OPRs / People	4312 / 23893	5383 / 31813	6151 / 39787													
% OPRs coded RAC 1+2 / # OPRs	1 / 56	2 / 97	2 / 118													
% OPRs coded RAC 3 / # OPRs	45 / 1950	46 / 2482	46 / 2808													
% OPRs coded RAC 4+5 / # OPRs	38 / 1627	37 / 2017	38 / 2359													
% OPRs coded RAC 0 / # OPRs	16 / 679	15 / 786	14 / 865													
% OPRs reeval next yr / # OPRs	22 / 968	24 / 1312	25 / 1540													
% OPRs evaluated / # OPRs	66 / 2847	51 / 2759	46 / 2833													
% OPRs sampled / # OPRs	1 / 39	1 / 59	1 / 62													
% OPRs with exp > AL / # OPRs	0 / 5	0 / 6	0 / 12													
% OPRs with exp > std / # OPRs	/	/	/													
% OPRs requiring RPE / # OPRs	5 / 220	4 / 224	4 / 222													
% OPRs req RPE not used / # OPRs	0 / 17	0 / 1	0 / 8													
% OPRs RPE used not req / # OPRs	4 / 156	3 / 161	2 / 134													
Samples collected to date	127	193	281													
Status HHIM trend analysis	☐ Green ☐ Yellow ☒ Red	Score: 19														
Cost Savings Analysis																
Algorithm being developed, section not scored																
Comments																
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0																

Table F-1. Southeast HSSA IH Program Workload—Operations by RAC 1994

Installation	Total operations	People potentially exposed ^a	Number of RAC 1/2 operations	Number of RAC 3 operations	Number of RAC 4/5 operations	Number of RAC 0 operations
Anniston AD	520	3,957	5	39	3	473
Ft. Benning	690	1,817	26	655	3	5
Ft. Buchanan	65	223	4	58	2	1
Ft. Campbell	144	182	2	65	66	11
Ft. Gordon	656	4,373	7	485	41	123
Ft. Jackson	129	1,371	0	10	21	98
Ft. Rucker	170	1,511	0	2	166	2
Ft. Stewart	3,234	24,967	27	1,314	1,874	19
Redstone Arsenal	543	1,386	47	180	183	133
Total	6,151	39,787	118	2,808	2,359	865

^aPeople potentially exposed includes all workers associated with the operations at the installations. Individuals may be counted more than once if they work at more than one operation.

Note: HSSA = health service support area.

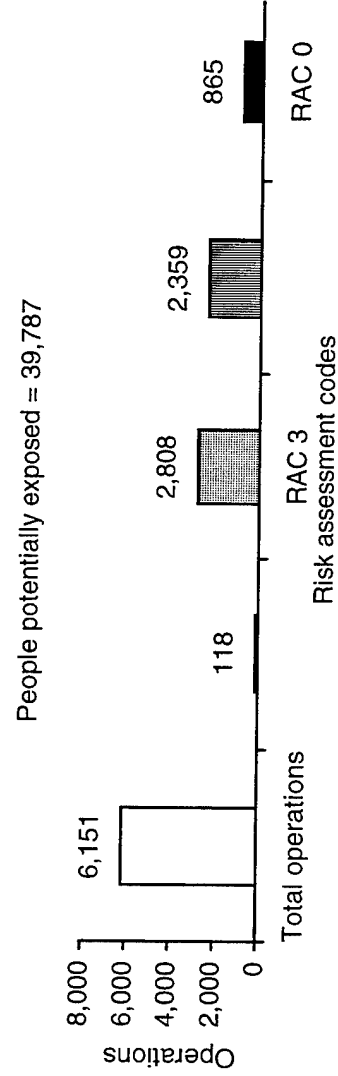


Figure F-1. Southeast HSSA IH Program Workload—Operations by RAC 1994

Table F-2. Southeast HSSA IH Program Workload—People Potentially Exposed By RAC 1994

Installation	Total operations	People pot. exp.	RAC 1/2 operations	People pot. exp.	RAC 3 operations	People pot. exp.	RAC 4/5 operations	People pot. exp.	RAC 0 operations	People pot. exp.
Anniston AD	501	3,957	5	45	39	479	3	39	473	4,867
Ft. Benning	690	1,817	26	163	655	5,484	3	28	5	13
Ft. Buchannan	65	223	4	34	58	377	2	20	1	10
Ft. Campbell	144	182	2	29	65	576	66	389	11	31
Ft. Gordon	656	4,373	7	56	485	7,071	41	96	123	465
Ft. Jackson	129	1,371	0	0	10	124	21	526	98	802
Ft. Rucker	170	1,511	0	0	2	9	166	1,809	2	0
Ft. Stewart	3,234	24,967	27	279	1,314	17,586	1,874	20,535	19	145
Redstone Arsenal	543	1,386	47	287	180	934	183	593	133	507
Total	6,151	39,787	118	893	2,808	32,640	2,359	24,035	865	6,840

Note: pot. exp. = potentially exposed.

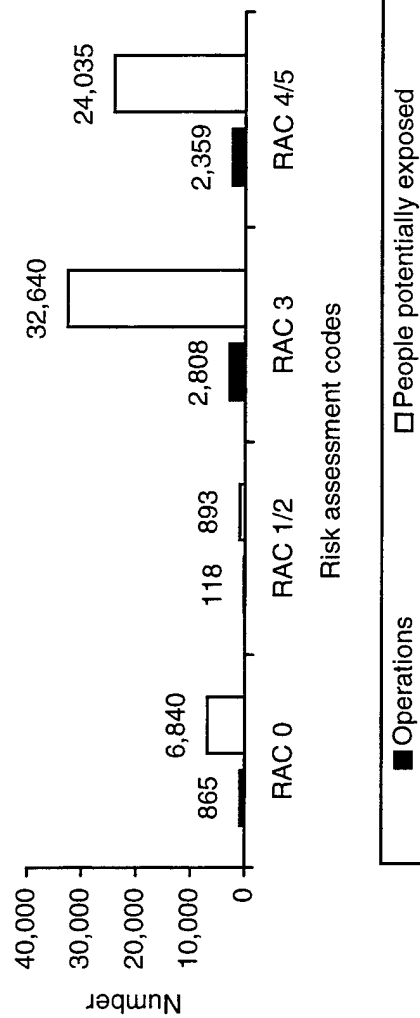


Figure F-2. Southeast HSSA IH Program Workload—People Potentially Exposed by RAC 1994

Table F-3. Southeast HSSA IH Program Workload—Operations Evaluated and Sampled 1994

Installation	Total oprs.	People pot. exp.	Total oprs. eval.	Total oprs. sam.	RAC 0 oprs.	RAC 0 eval.	RAC 0 sam.	RAC 1/2 oprs.	RAC 1/2 eval.	RAC 1/2 sam.	RAC 3 oprs.	RAC 3 eval.	RAC 3 sam.	RAC 4/5 oprs.	RAC 4/5 eval.	RAC 4/5 sam.
Anniston AD	501	3,957	327	27	473	311	18	5	4	0	39	11	5	3	1	1
Ft. Benning	690	1,817	143	0	5	0	0	26	1	0	655	141	0	3	1	0
Ft. Buchanan	65	223	16	0	1	1	0	4	3	0	58	10	0	2	2	0
Ft. Campbell	144	182	0	0	11	0	0	2	0	0	65	0	0	66	0	0
Ft. Gordon	656	4,373	218	13	123	406	1	7	3	0	485	169	12	41	6	0
Ft. Jackson	129	1,371	3	0	98	0	0	0	0	0	10	0	0	21	3	0
Ft. Rucker	170	1,511	83	4	2	0	0	0	0	0	2	0	0	166	83	4
Ft. Stewart	3,234	24,967	1,969	18	19	4	0	27	15	0	1,314	726	13	1,874	1,224	3
Redstone Arsenal	543	1,386	74	0	133	11	0	47	15	0	180	36	0	183	12	0
Total	6,151	39,787	2,833	62	865	367	19	118	41	0	2,808	1,093	30	2,359	1,332	8

Note: oprs. = operations; eval. = evaluated; sam. = sampled.

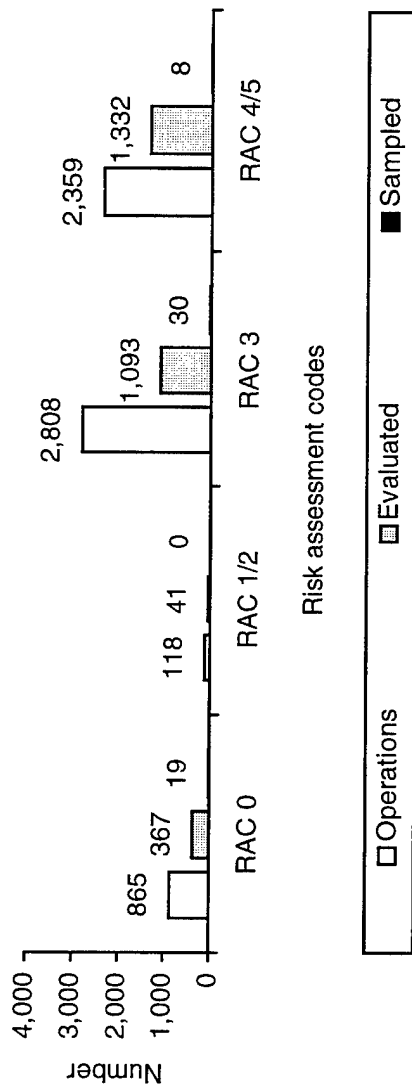


Figure F-3. Southeast HSSA IH Program Workload—Operations Evaluated and Sampled 1994

Table F-4. Southeast HSSA IH Program Workload—Exposures versus Standards 1994

Installation	Total operations	People potentially exposed	Operations evaluated	Operations sampled	Operations with exposures > AL	People exposed > AL	Operations with exposures > Std ^a	People exposed > Std ^a
Anniston AD	501	3,957	327	27	7	53		
Ft. Benning	690	1,817	143	0	0	0		
Ft. Buchannan	65	223	16	0	0	0		
Ft. Campbell	144	182	0	0	0	0		
Ft. Gordon	656	4,373	218	13	1	0		
Ft. Jackson	129	1,371	3	0	0	0		
Ft. Rucker	170	1,511	83	4	1	4		
Ft. Stewart	3,234	24,967	1,969	18	3	12		
Redstone Arsenal	543	1,386	74	0	0	0		
Total	6,151	39,787	2,833	62	12	69		

^a Operations with exposure and people exposed > Std is TBD.

Note: AL = action level; Std = standard; TBD = to be determined.

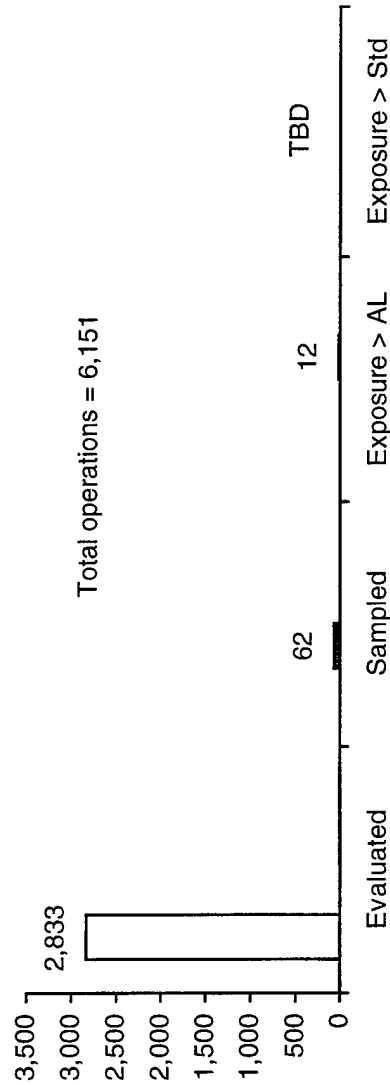


Figure F-4. Southeast HSSA IH Program Workload—Exposures versus Standards 1994.

Table F-5. Southeast HSSA IH Program Manpower Summary 1994

Manpower type	Required	Authorized	Enhancements	Current	Shortfall
Industrial hygienists	20	15	1	15	5
IH technicians	21	13	1	11	10
Clerical support	0	0	0	0	0
Total	41	28	2	28	13

Note: Required = as reported by the IHPM/USACHPPM recommendation; authorized = from table of distribution and allowances; current = IH staff at the installation; shortfall = required IH staff - current IH staff; n/a = not applicable; IH = industrial hygiene.

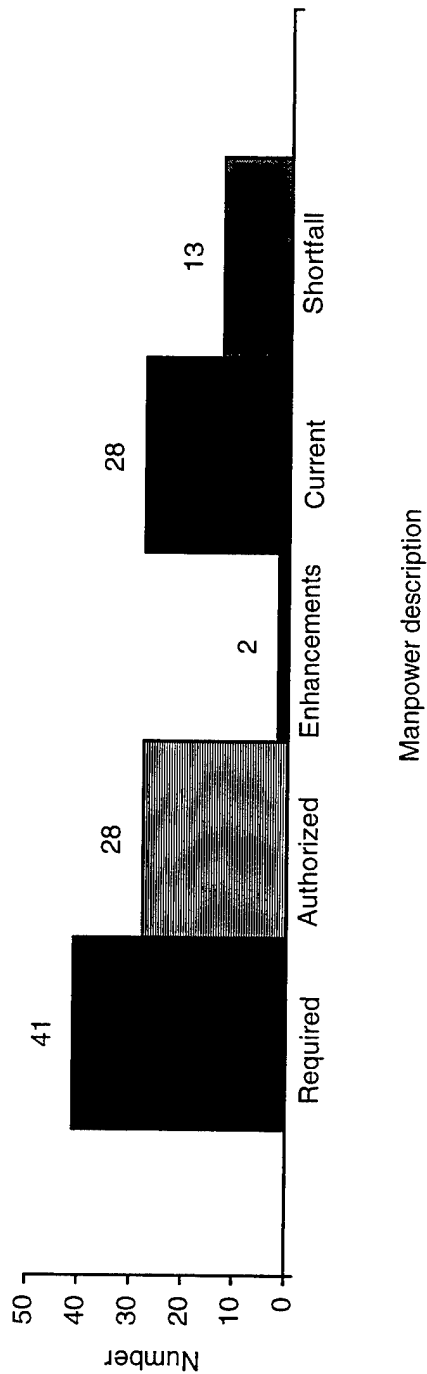


Figure F-5. Southeast HSSA IH Program Manpower Summary 1994

Table F-6. Southeast HSSA IH Program Budget 1994

Installation	Budget status code	Required budget (\$1,000)	Requested budget (\$1,000)	Authorized budget (\$1,000)	Budget executed ^a (\$1,000)	Shortfall ^b (\$1,000)
Anniston AD	red	480	0	0	0	480
Ft. Benning	red	220	0	0	0	220
Ft. Buchanan	red	170	0	0	0	170
Ft. Campbell	red	240	158	150	0	240
Ft. Gordon	green	270	161	118	118	152
Ft. Jackson	green	270	150	150	0	265
Ft. Rucker	yellow	170	0	0	0	170
Ft. Stewart	red	640	0	0	0	640
Redstone Arsenal	red	290	0	100	0	290
Total		2,750	469	518	118	2,627

^aTo be executed the budget must be tracked in AMS Code 847705.41;

^b Required minus executed.

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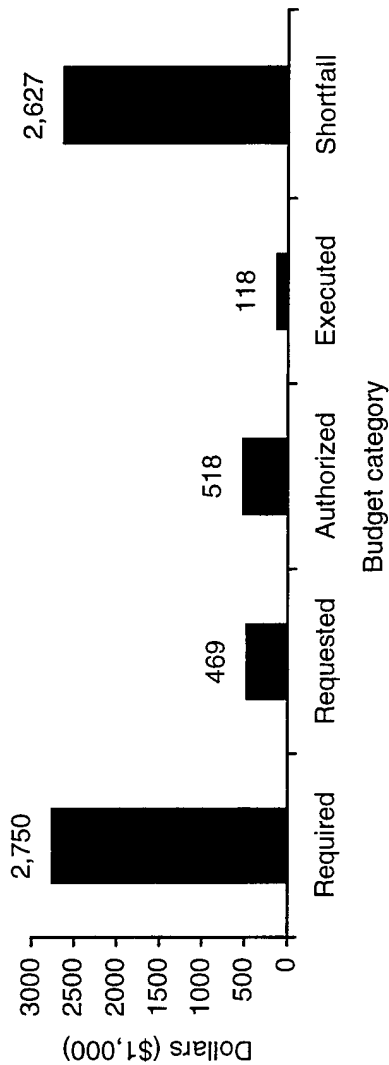


Figure F-6. Southeast HSSA IH Program Budget 1994

Table F-7. Detailed HSSA IH Program Budget

This information will be presented in future reports.

This information will be presented in future reports.

Figure F-7. Detailed HSSA IH Program Budget

Table F-8. Southeast HSSA IH Program Status Code Counts

Installation	Program status red	Program status yellow	Program status green
Anniston AD	X		
Ft. Benning		X	
Ft. Buchannan	X		
Ft. Campbell	X		
Ft. Gordon			X
Ft. Jackson		X	
Ft. Rucker		X	
Ft. Stewart		X	
Redstone Arsenal		X	
Total	3	5	1

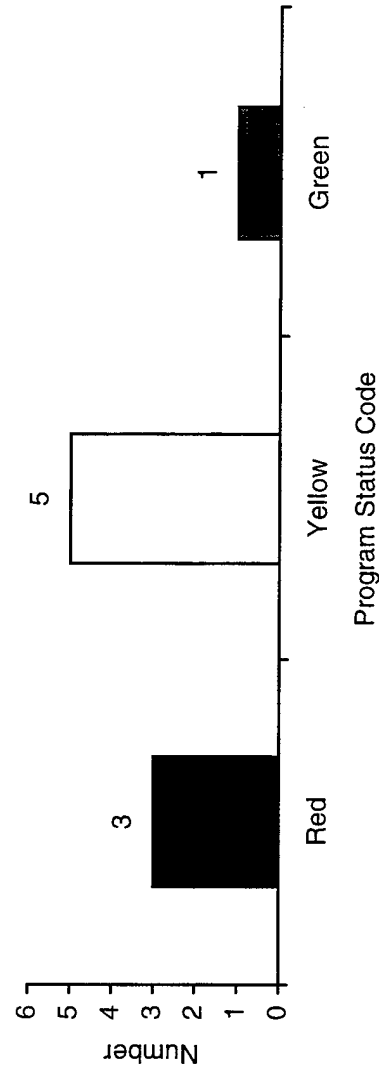


Figure F-8. Southeast HSSA IH Program Status Code Counts

Table F-9 Southeast HSSA IH Program Status Scores 1994

Installation	Summary status code	Current HHIM score	HHIM data trends score	Cost savings score ^a	Program management status score	Manpower status score	Budget status score	Programs supported status score	Support services requested	ORF 1 ^b	ORF 2 ^c
Anniston AD	red	2	1		2	2	1	2	Cadmium sampling Lead sampling Noise sampling, Epi. study for cadmium Asbestos training	0.0	0.0
Ft. Benning	yellow	2	2		3	1	1	3	None	55.0	18.0
Ft. Buchanan	red	1	1		2	2	1	2	Program evaluation	2.0	2.0
Ft. Campbell	yellow	2	1		2	3	1	2	None	16.0	5.0
Ft. Gordon	green	2	2		2	2	3	3	None	39.0	20.0
Ft. Jackson	yellow	1	1		2	2	3	3	None	1.0	1.0
Ft. Rucker	yellow	1	2		3	3	2	3	None	0.0	0.0
Ft. Stewart	yellow	2	2		2	1	1	2	None	60.0	12.0
Redstone Arsenal	yellow	1	2		2	1	1	3	None	12.0	4.0
Average		1.6	1.6		2.2	1.7	1.2	2.6			

^aCost saving scores will be determined and reported in the future.

^bORF1 is the Occupational Risk Factor derived from the number of people potentially exposed to operations in each of the three RAC categories. It is a health risk index.

^cORF2 is the ORF 1 value divided by the number of IHS and IH technicians. It is intended to provide a risk index adjusted/normalized by the size of the industrial hygiene staff.

Note: epi. = epidemiological.

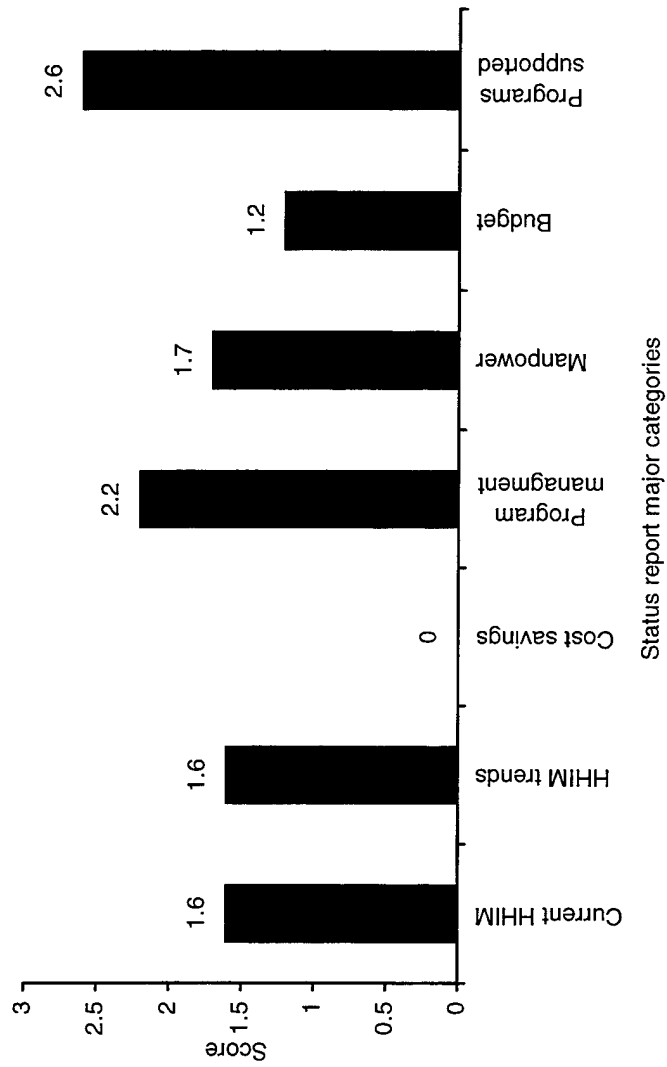


Figure F-9. Southeast HSSA IH Program Status Scores 1994

Table F-10. Southeast HSSA IH Program—Program Management Indicator Scores 1994

Installation	Program document	HHIM use	HHIM data call	IHIP use	EPC use	Record keeping	Time keeping	Follow up	Hazard abatement	Staff training	Cred/priv	Facilities	Equipment	Internal audit
Anniston AD	2	2	3	1	2	2	1	2	1	2	2	2	2	1
Ft. Benning	3	3	3	3	3	2	2	1	3	3	2	3	3	2
Ft. Buchannan	3	2	2	3	3	2	1	2	3	2	1	2	3	1
Ft. Campbell	3	2	1	3	2	3	1	1	1	3	1	2	3	2
Ft. Gordon	3	3	3	3	2	2	1	1	1	2	2	3	3	1
Ft. Jackson	3	1	1	2	1	2	1	2	2	3	1	2	3	1
Ft. Rucker	3	2	3	3	3	2	1	3	2	3	1	3	3	2
Ft. Stewart	2	2	2	3	3	2	2	1	1	1	1	3	3	2
Redstone Arsenal	3	2	2	3	3	2	1	2	3	2	1	3	3	1
Average	2.8	2.1	2.2	2.7	2.4	2.1	1.2	1.7	1.9	2.3	1.3	2.6	2.9	1.4

Note: HHIM = health hazard inventory module; IHIP = industrial hygiene implementation plan; EPC = exposure potential code; cred/priv = credentialing/privileging.

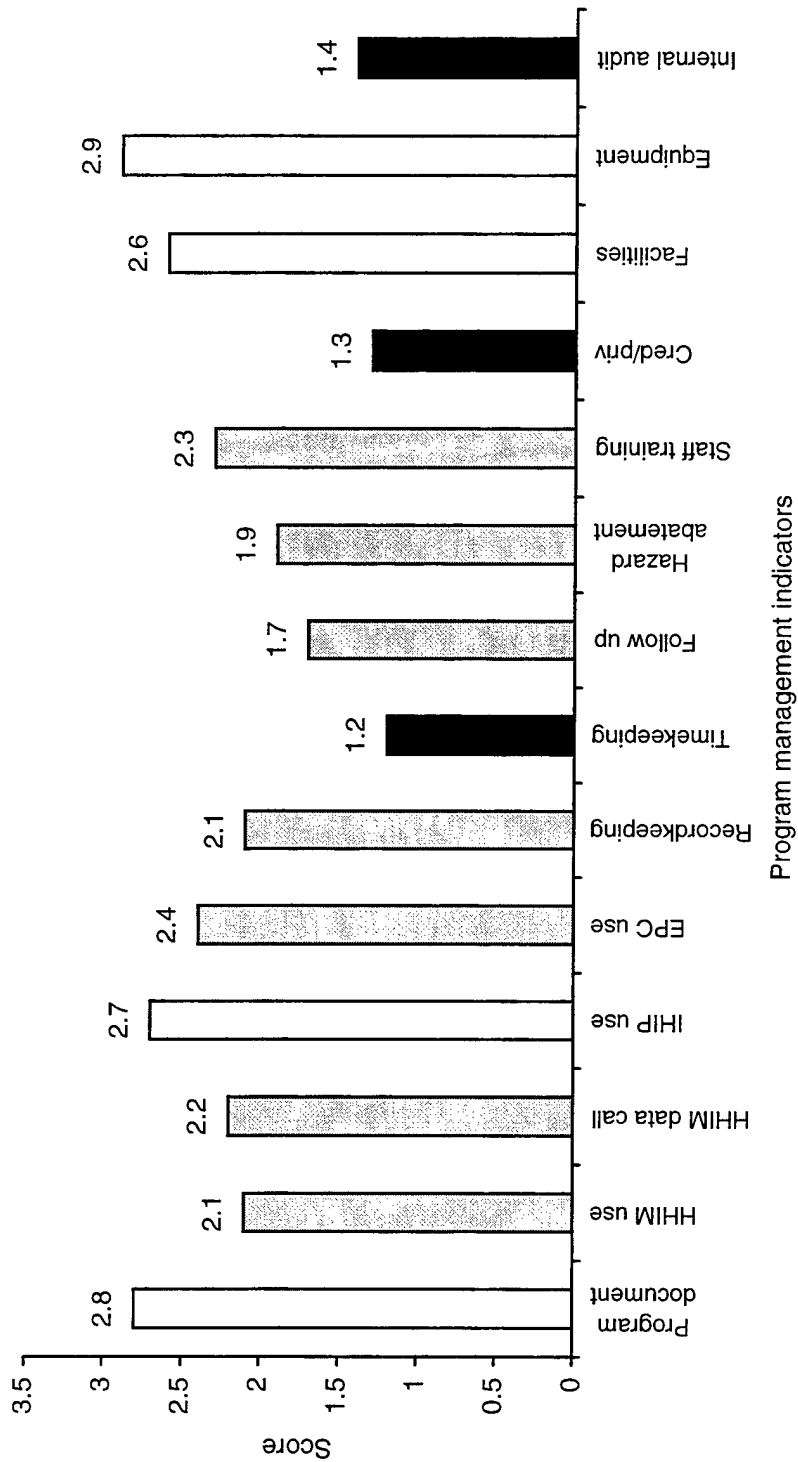


Figure F-10. Southeast HSSA IH Program—Program Management Indicator Scores 1994

Table F-11. Southeast HSSA IH Program—Installation Programs Supported Indicator Scores 1994

HSSA	Response to complaints	Occupational health program	Hazard communication	CRCP	Respiratory protection program	PPE program	Design review	Ergonomics program	Biological hazards program	Confined space entry program
Anniston AD	2	2	2	2	3	3	3	2	1	3
Ft. Benning	3	3	3	3	3	3	3	2	3	3
Ft. Buchannon	1	3	3	1	2	2	1	1	3	1
Ft. Campbell	1	3	1	2	2	2	3	1	1	2
Ft. Gordon	2	3	3	2	3	2	3	2	3	3
Ft. Jackson	3	3	3	2	3	2	1	3	3	3
Ft. Rucker	3	3	2	1	3	2	3	2	2	3
Ft. Stewart	2	3	3	1	1	1	3	1	3	1
Redstone Arsenal	2	3	2	1	3	2	3	2	3	3
Average	2.1	2.9	2.4	1.7	2.6	2.1	2.6	1.8	2.4	2.4

Note: CRCP = civilian resource conservation program; PPE = personal protection equipment.

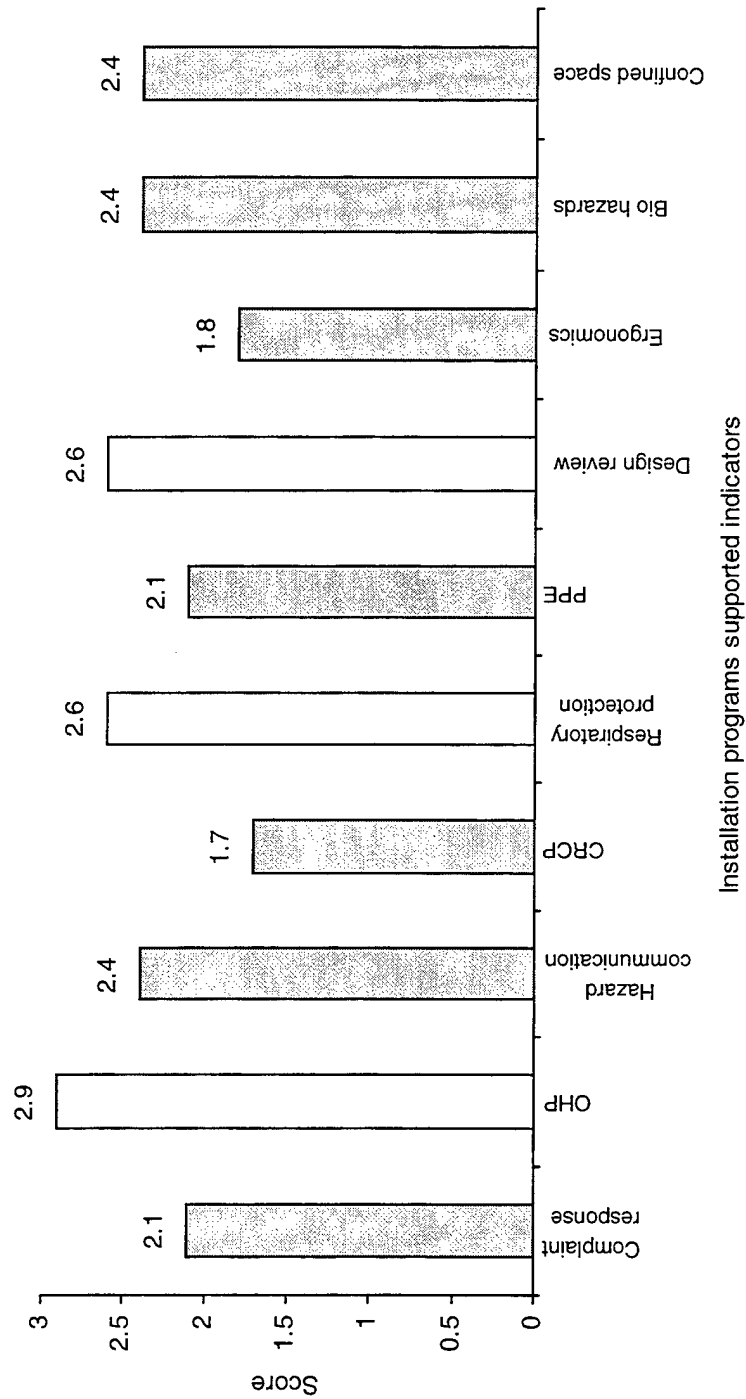


Figure F-11. Southeast HSSA IH Program—Installation Programs Supported Indicator Scores 1994

Table F-12. Southeast HSSA IH Program RPE Use 1994

Installation	Total operations	Operations where RPE is required	Operations where RPE is required but not used	Operations where RPE is used but is not required
Anniston AD	520	112	0	4
Ft. Benning	690	0	0	0
Ft. Buchanan	65	4	0	5
Ft. Campbell	144	0	0	0
Ft. Gordon	656	35	2	2
Ft. Jackson	129	1	0	0
Ft. Rucker	170	21	1	13
Ft. Stewart	3,234	49	5	110
Redstone Arsenal	543	0	0	0
Total	6,151	222	8	134

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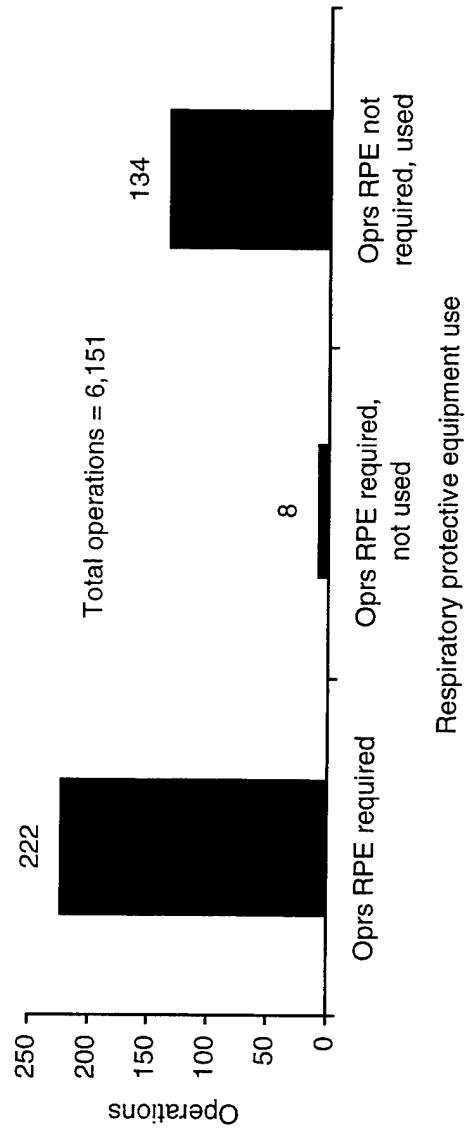


Figure F-12. Southeast HSSA IH Program RPE Use 1994

Table F-13. Southeast HSSA IH Program RPE Use Trends

Installation	Year	Total operations	Operations where RPE is required	Operations where RPE is required but not used	Operations where RPE is used but is not required
Anniston AD	1992	409	85	0	5
	1993	464	119	0	0
	1994	520	112	0	4
Ft. Benning	1992	389	13	1	0
	1993	599	12	0	0
	1994	690	0	0	0
Ft. Buchanan	1992	45	4	2	0
	1993	49	1	0	1
	1994	65	4	0	5
Ft. Campbell	1992	144	0	0	0
	1993	144	0	0	0
	1994	144	0	0	0
Ft. Gordon	1992	414	15	0	2
	1993	571	13	0	7
	1994	656	35	2	2
Ft. Jackson	1992	126	3	0	3
	1993	126	0	0	0
	1994	129	1	0	0
Ft. Rucker	1992	160	27	0	29
	1993	163	27	0	27
	1994	170	21	1	13
Ft. Stewart	1992	2,205	70	14	116
	1993	2,772	51	1	126
	1994	3,234	49	5	110

Table F-13. Southeast HSSA IH Program RPE Use Trends (Continued)

Installation	Year	Total operations	Operations where RPE is required	Operations where RPE is required but not used	Operations where RPE is used but is not required
Redstone Arsenal	1992	420	3	0	1
	1993	495	1	0	0
	1994	543	0	0	0
Total	1992	4,312	220	17	156
	1993	5,383	224	1	161
	1994	6,151	222	8	134

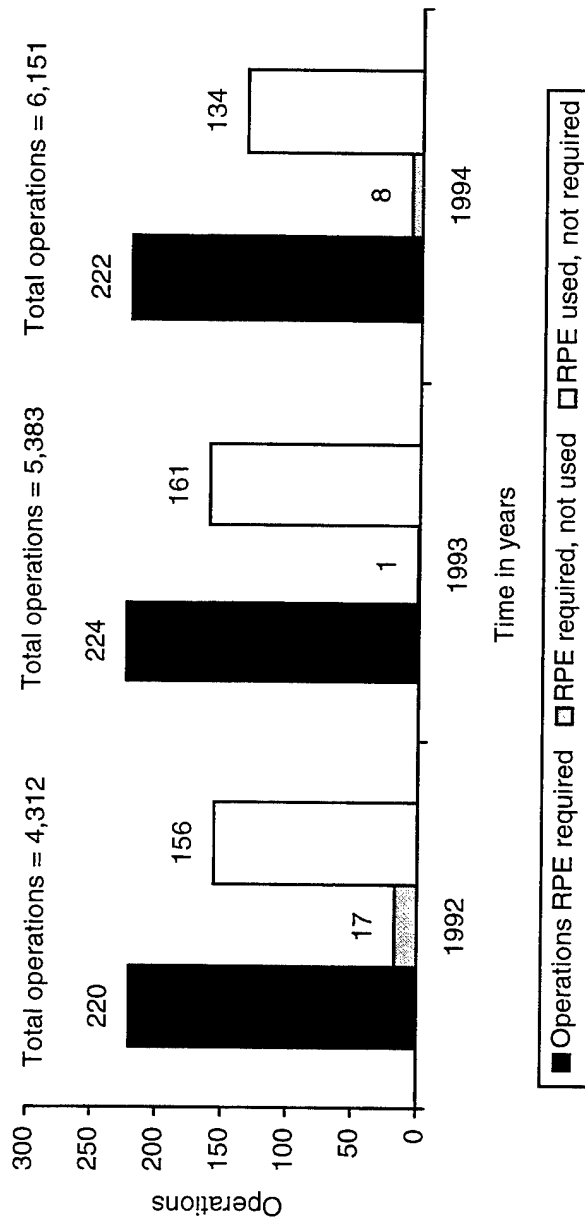


Figure F-13. Southeast HSSA IH Program RPE Use Trends

Table F-14. Southeast HSSA IH Program Workload Trends—Operations by RAC

HSSA	Year	Total operations	People pot. exp.	RAC 1/2 operations	RAC 1/2 people pot. exp.	RAC 3 operations	RAC 3 people pot. exp.	RAC 4/5 operations	RAC 4/5 people pot. exp.	RAC 0 operations	RAC 0 people pot. exp.
Anniston AD	1992	409	3,121	1	9	26	357	1	25	381	3,136
	1993	464	3,578	1	9	30	373	2	33	431	4,097
	1994	520	3,957	5	45	39	479	3	39	473	4,867
Ft. Benning	1992	389	1,204	22	159	361	3,171	1	1	5	13
	1993	599	1,503	25	155	566	4,486	2	5	5	13
	1994	690	1,817	26	163	655	5,484	3	28	5	13
Ft. Buchanan	1992	45	168	0	0	45	241	0	0	0	0
	1993	49	187	1	0	48	265	0	0	0	0
	1994	65	223	4	34	58	377	2	20	1	10
Ft. Campbell	1992	144	182	2	29	65	576	66	389	11	31
	1993	144	182	2	29	65	576	66	389	11	31
	1994	144	182	2	29	65	576	66	389	11	31
Ft. Gordon	1992	414	2,672	6	53	336	4,524	27	71	45	122
	1993	571	3,700	6	57	431	6,100	41	89	93	348
	1994	656	4,373	7	56	485	7,071	41	96	123	465
Ft. Jackson	1992	126	1,369	0	0	10	124	18	507	98	802
	1993	126	1,369	0	0	10	124	18	507	98	802
	1994	129	1,371	0	0	10	124	21	526	98	802
Ft. Rucker	1992	160	1,199	0	0	2	9	156	1,405	2	0
	1993	163	1,404	0	0	2	9	159	1,653	2	0
	1994	170	1,511	0	0	2	9	166	1,809	2	0
Ft. Stewart	1992	2,205	12,756	16	49	984	8,024	1,192	11,507	13	97
	1993	2,772	18,599	22	162	1,178	11,938	1,555	16,128	17	137
	1994	3,324	24,967	27	279	1,314	17,586	1,874	20,535	19	145

Table F-14. Southeast HSSA IH Program Workload Trends—Operations by RAC (Continued)

HSSA	Year	Total operations	People pot. exp.	RAC 1/2 operations	RAC 1/2 people pot. exp.	RAC 3 operations	RAC 3 people pot. exp.	RAC 4/5 operations	RAC 4/5 people pot. exp.	RAC 0 operations	RAC 0 people pot. exp.
Redstone Arsenal	1992	420	1,222	9	64	121	808	166	547	124	488
	1993	495	1,291	40	274	152	823	174	559	129	505
	1994	543	1,386	47	287	180	934	183	593	133	507
Total	1992	4,312	23,893	56	363	1,950	17,834	1,627	14,452	679	4,689
	1993	5,383	31,813	97	686	2,482	24,694	2,017	19,363	786	5,933
	1994	6,151	39,787	118	893	2,808	32,640	2,359	24,035	865	6,840

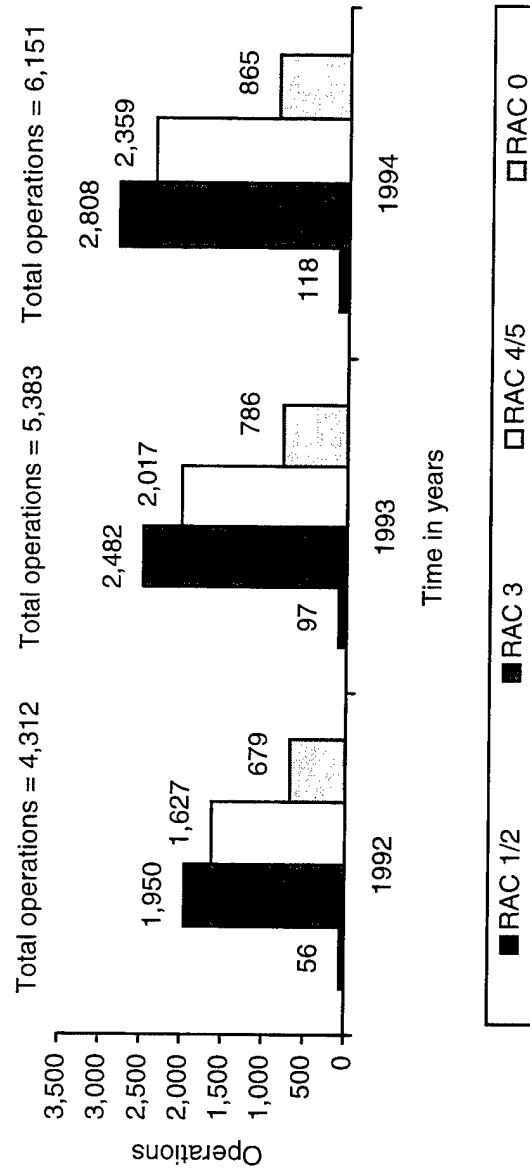


Figure F-14. Southeast HSSA IH Program Workload Trends—Operations by RAC

Table F-15. Southeast HSSA IH Program Workload Trends—Operations Evaluated and Sampled

Installation	Year	Total oprs.	Total people	Total oprs. eval.	Total oprs. sam.	RAC 0 oprs.	RAC 0 eval.	RAC 0 sam.	RAC 1/2 oprs.	RAC 1/2 eval.	RAC 1/2 sam.	RAC 3 oprs.	RAC 3 eval.	RAC 3 sam.	RAC 4/5 oprs.	RAC 4/5 eval.	RAC 4/5 sam.
Anniston AD	1992	409	3,121	385	12	381	357	12	1	1	0	26	26	0	1	1	0
	1993	464	3,578	339	17	431	333	17	1	1	0	30	4	0	2	1	0
	1994	520	3,957	327	27	473	311	18	5	4	0	39	11	5	3	1	1
Ft. Benning	1992	389	1,204	280	0	5	0	0	22	7	0	361	273	0	1	0	0
	1993	599	1,503	339	0	5	0	0	25	3	0	566	333	0	2	1	0
	1994	690	1,817	143	0	5	0	0	26	1	0	655	141	0	3	1	0
Ft. Buchanan	1992	45	168	42	10	0	0	0	0	0	0	45	42	10	0	0	0
	1993	49	187	5	0	0	0	0	1	1	0	48	4	0	0	0	0
	1994	65	223	16	0	1	1	0	4	3	0	58	10	0	2	2	0
Ft. Campbell	1992	144	182	0	0	11	0	0	2	0	0	65	0	0	66	0	0
	1993	144	182	0	0	11	0	0	2	0	0	65	0	0	66	0	0
	1994	144	182	0	0	11	0	0	2	0	0	65	0	0	66	0	0
Ft. Gordon	1992	414	2,672	193	10	45	10	0	6	7	2	336	163	8	27	13	0
	1993	571	3,700	262	38	93	55	4	6	3	0	431	184	32	41	20	2
	1994	656	4,373	218	13	123	40	1	7	3	0	485	169	12	41	6	0
Ft. Jackson	1992	126	1,369	55	0	98	6	0	0	0	0	10	13	0	18	36	0
	1993	126	1,369	1	0	98	0	0	0	0	0	10	0	0	18	1	0
	1994	129	1,371	3	0	98	0	0	0	0	0	10	0	0	21	3	0
Ft. Rucker	1992	160	1,199	153	5	2	0	0	0	0	0	2	2	0	156	151	5
	1993	163	1,404	134	2	2	0	0	0	0	0	2	2	0	159	132	2
	1994	170	1,511	83	4	2	0	0	0	0	0	2	0	0	166	83	4

Table F-15. Southeast HSSA IH Program Workload Trends—Operations Evaluated and Sampled (Continued)

Installation	Year	Total oprs.	People pot. exp.	Total oprs eval.	Total oprs sam.	RAC 0 oprs.	RAC 0 eval.	RAC 0 sam.	RAC 1/2 oprs.	RAC 1/2 eval.	RAC 1/2 sam.	RAC 3 oprs.	RAC 3 eval.	RAC 3 sam.	RAC 4/5 oprs.	RAC 4/5 eval.	RAC 4/5 sam.
Ft. Stewart	1992	2,205	12,756	1,602	2	13	5	0	16	2	0	984	377	2	1,192	1,218	0
	1993	2,772	18,599	1,596	2	17	7	0	22	17	0	1,178	542	1	1,555	1,030	1
	1994	3,234	24,967	1,969	18	19	4	0	27	15	0	1,314	726	13	1,874	1,224	3
Redstone Arsenal	1992	420	1,222	137	0	124	63	0	9	8	0	121	35	0	166	31	0
	1993	495	1,291	83	0	129	7	0	40	36	0	152	32	0	174	8	0
	1994	543	1,386	74	0	133	11	0	47	15	0	180	36	0	183	12	0
Total	1992	4,312	23,893	2,847	39	679	441	12	56	25	0	1,950	931	20	1,627	1,450	5
	1993	5,383	31,813	2,759	59	786	402	21	97	61	0	2,482	1,101	33	2,017	1,193	5
	1994	6,151	39,787	2,833	62	865	367	19	118	41	0	2,908	1,093	30	2,359	1,332	8

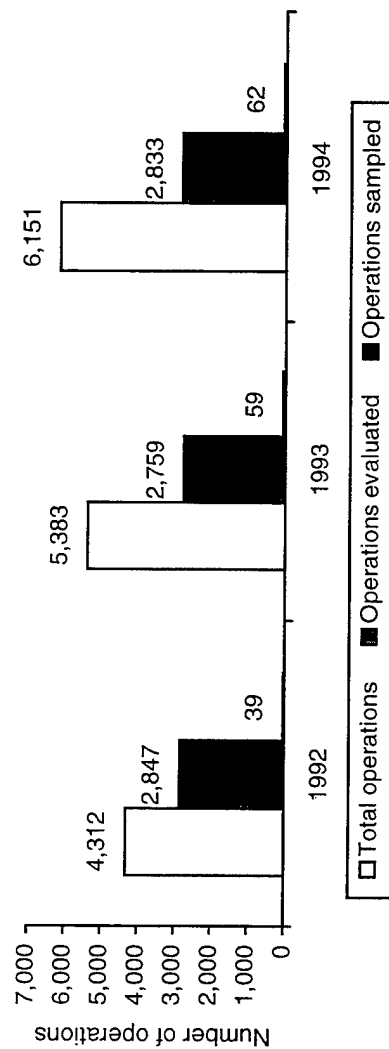


Figure F-15. Southeast HSSA IH Program Workload Trends—Operations Evaluated and Sampled

Table F-16. Southeast HSSA IH Program Workload Trends—Exposures versus Standards

Installation	Year	Total operations	People potentially exposed	Operations evaluated	Operations sampled	Operations exposure > AL	People exposed > AL	Operations exposure > Std ^a	People exposed > Std ^a
Anniston AD	1992	409	3,121	385	12	1	13		
	1993	464	3,578	339	17	5	56		
	1994	520	3,957	327	27	7	53		
Ft. Benning	1992	389	1,204	280	0	0	0		
	1993	599	1,503	339	0	0	0		
	1994	690	1,817	143	0	0	0		
Ft. Buchanan	1992	45	168	42	10	3	12		
	1993	49	187	5	0	0	0		
	1994	65	223	16	0	0	0		
Ft. Campbell	1992	144	182	0	0	0	0		
	1993	144	182	0	0	0	0		
	1994	144	182	0	0	0	0		
Ft. Gordon	1992	414	2,672	193	10	1	2		
	1993	571	3,700	262	38	1	21		
	1994	656	4,373	218	13	1	0		
Ft. Jackson	1992	126	1,369	55	0	0	0		
	1993	126	1,369	1	0	0	0		
	1994	129	1,371	3	0	0	0		
Ft. Rucker	1992	160	1,199	153	5	0	0		
	1993	163	1,404	134	2	0	0		
	1994	170	1,511	83	4	1	4		
Ft. Stewart	1992	2,205	12,756	1,602	2	0	0		
	1993	2,772	18,599	1,596	2	0	0		
	1994	3,234	24,967	1,969	18	3	12		

^a Operations producing exposures and people exposed greater than the standard will be determined and reported in the future.

Table F-16. Southeast HSSA IH Program Workload Trends—Exposures versus Standards (Continued)

Installation	Year	Total operations	People potentially exposed	Operations evaluated	Operations sampled	Operations exposure > AL	People exposed > AL	Operations exposure > Std ^a	People exposed > Std ^a
Redstone Arsenal	1992	420	1,222	137	0	0	0		
	1993	495	1,291	83	0	0	0		
	1994	543	1,386	74	0	0	0		
Total	1992	4,312	23,893	2,847	39	5	27		
	1993	5,383	31,813	2,759	59	6	77		
	1994	6,151	39,787	2,833	62	12	69		

^a Operations producing exposures and people exposed greater than the standard will be determined and reported in the future.

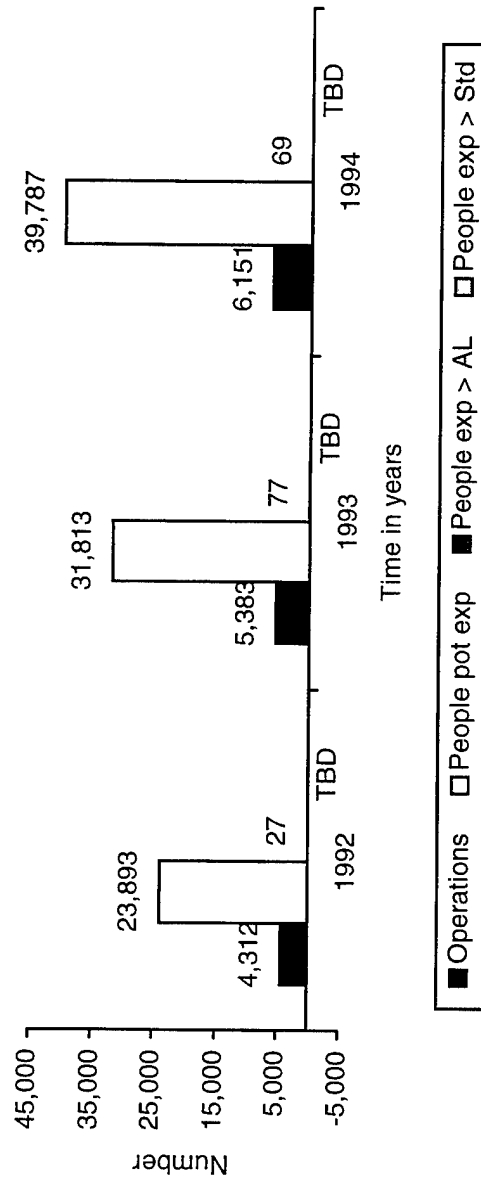


Figure F-16. Southeast HSSA IH Program Workload Trends—Exposures versus Standards

Appendix G

AN EXAMPLE MEDCOM STATUS REPORT

Overview

The Medical Command status report consists of a one page summary report and 18 individual reports (tables and graphs) that summarize all of the important indicator data from the individual installation status reports and array those data in a series of easy to understand and interpret tables and graphs. Each of the reports is presented on the following pages.

MEDCOM Industrial Hygiene Program Status Report

DATE: 19-Jun-96

Current Data Analysis (1994)				IH Program Status				Program Management Analysis				Installation Programs Supported			
OPRs / Eval / Sampled / People	57204 / 14225 / 385 / 142501	Program document	☐ Green ☒ Yellow ☐ Red	Response to complaints	☐ Green ☒ Yellow ☐ Red	Occ. health prgm	☐ Green ☒ Yellow ☐ Red								
RAC 1+2 OPRs / Eval / Sampled / People	2494 / 431 / 28 / 16458	HHIM	☐ Green ☒ Yellow ☐ Red	Hazard communication prgm	☐ Green ☒ Yellow ☐ Red	CRCP	☐ Green ☒ Yellow ☐ Red								
RAC 3 OPRs / Eval / Sampled / People	14953 / 3845 / 108 / 118424	IHP	☐ Green ☒ Yellow ☐ Red	Respiratory protection prgm	☐ Green ☒ Yellow ☐ Red	Personal protective equip prgm	☐ Green ☒ Yellow ☐ Red								
RAC 4+5 OPRs / Eval / Sampled / People	23253 / 6535 / 113 / 248435	EPC	☐ Green ☒ Yellow ☐ Red	Design review prgm	☐ Green ☒ Yellow ☐ Red	Ergonomics prgm	☐ Green ☒ Yellow ☐ Red								
RAC 0 OPRs / Eval / Sampled / People	16495 / 3412 / 78 / 99769	HHIM data calls	☐ Green ☒ Yellow ☐ Red	Biological hazard control prgm	☐ Green ☒ Yellow ☐ Red	Confined space entry prgm	☐ Green ☒ Yellow ☐ Red								
Admin OPRs / Eval / Sampled / People	6793 / 1545 / 10 / 14909	Recordkeeping	☐ Green ☒ Yellow ☐ Red	Prms supported ☐ Green ☒ Yellow ☐ Red	☐ Green ☒ Yellow ☐ Red	Problems/Support	☐ Green ☒ Yellow ☐ Red								
Industrial OPRs / Eval / Sampled / People	50411 / 12680 / 375 / 127592	Timekeeping	☐ Green ☒ Yellow ☐ Red	Code	☐ Green ☒ Yellow ☐ Red	Schedule	☐ Green ☒ Yellow ☐ Red								
OPRs with exposure > AL	52	Follow-up	☐ Green ☒ Yellow ☐ Red	Comp	☐ Green ☒ Yellow ☐ Red										
OPRs with exposure > std	1092	Hazard abatement plan	☐ Green ☒ Yellow ☐ Red												
OPRs requiring RPE	128	Staff training	☐ Green ☒ Yellow ☐ Red												
OPRs RPE required but not used	299	Credentialed/privileging	☐ Green ☒ Yellow ☐ Red												
OPRs RPE used but not required	1432	Facilities	☐ Green ☒ Yellow ☐ Red												
OPRs sampled to date		Equipment	☐ Green ☒ Yellow ☐ Red												
		Internal audits	☐ Green ☒ Yellow ☐ Red												
Status current HHIM analysis ☐ Green ☐ Yellow ☒ Red	Score: 21	Status prgm mgmt ☐ Green ☒ Yellow ☐ Red	Score: 29	Program Administrative Information											
HHIM Data Trend Analysis															
Indicator	1992	1993	1994												
OPRs / People	34860 / 80900	48328 / 119248	57204 / 142501												
% OPRs coded RAC 1+2 / # OPRs	5 / 1575	4 / 2163	4 / 2484												
% OPRs coded RAC 3 / # OPRs	28 / 8595	26 / 12609	26 / 14953												
% OPRs coded RAC 4+5 / # OPRs	41 / 14204	40 / 19457	41 / 23253												
% OPRs coded RAC 0 / # OPRs	27 / 9482	29 / 14092	29 / 16495												
% OPRs reeval next yr / # OPRs	8 / 2662	7 / 3511	6 / 3689												
% OPRs evaluated / # OPRs	48 / 16800	38 / 18125	25 / 14225												
% OPRs sampled / # OPRs	2 / 754	1 / 545	1 / 385												
% OPRs with exp > AL / # OPRs	0 / 86	0 / 71	0 / 52												
% OPRs with exp > std / # OPRs	/	/	/												
% OPRs requiring RPE / # OPRs	5 / 1715	3 / 1526	2 / 1092												
% OPRs req RPE not used / # OPRs	1 / 325	0 / 156	0 / 128												
% OPRs RPE used not req / # OPRs	2 / 553	1 / 398	1 / 299												
Samples collected to date	1941	2665	3211												
Status HHIM trend analysis ☐ Green ☐ Yellow ☒ Red	Score: 19														
Cost Savings Analysis															
Algorithm being developed, section not scored															
Comments															
Status - potential cost savings ☐ Green ☐ Yellow ☐ Red Score 0															

Table G-1. MEDCOM Industrial Hygiene Program Workload—Operations by RAC 1994

HSSA	Year	Total operations	People potentially exposed ^a	Number of RAC 1/2 operations	Number of RAC 3 operations	Number of RAC 4/5 operations	Number of RAC 0 operations
Europe	1994	2,730	7,878	240	724	840	926
North Atlantic	1994	21,384	39,831	833	5,083	8,908	6,556
Northwest	1994	1,108	2,274	130	174	311	493
Pacific	1994	2,485	8,211	19	81	136	2,248
South Central	1994	20,434	35,117	1,121	5,945	10,363	3,002
Southeast	1994	6,151	39,787	118	2,808	2,359	865
Southwest	1994	2,912	9,403	33	138	336	2,405
Total	1994	57,204	142,501	2,494	14,953	23,253	16,495

^a People potentially exposed includes all workers associated with the operations at the installations. Individuals may be counted more than once if they work at more than one operation.

Note: HSSA = health service support area.

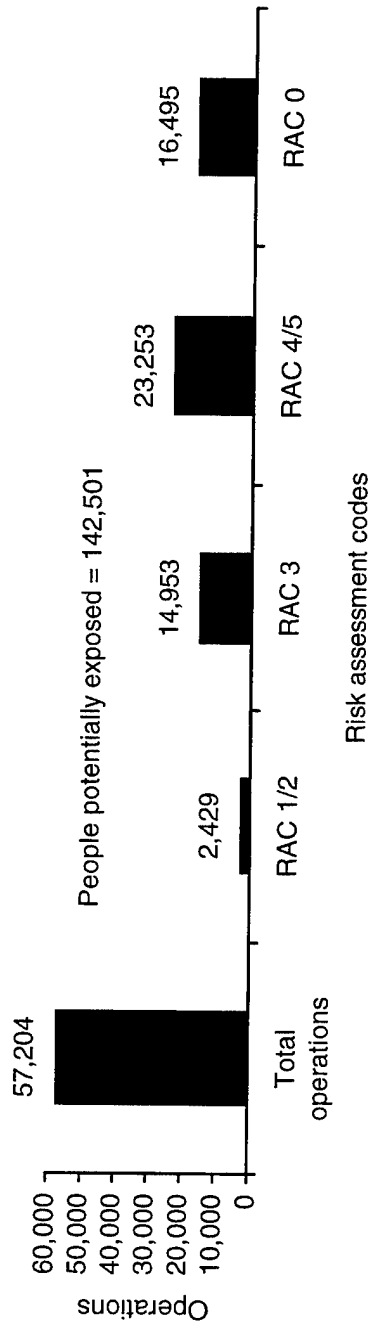


Figure G-1. MEDCOM Industrial Hygiene Program Workload—Operations by RAC 1994

Table G-2. MEDCOM Industrial Hygiene Program Workload—People Potentially Exposed By RAC

HSSA	Year	Total operations	People pot exp	RAC 1/2 operations	People pot exp	RAC 3 operations	People pot exp	RAC 4/5 operations	People pot exp	RAC 0 operations	People pot exp
Europe	1994	2,730	7,878	240	2,143	724	4,751	840	3,891	926	2,227
North Atlantic	1994	21,384	39,831	833	6,421	5,083	46,069	8,908	82,610	6,556	25,266
Northwest	1994	1,108	2,274	130	923	174	980	311	1,740	493	4,218
Pacific	1994	2,485	8,211	19	69	81	710	136	1,933	2,248	18,257
South Central	1994	20,434	35,117	1,121	5,731	5,945	31,596	10,363	128,368	3,002	22,471
Southeast	1994	6,151	39,787	118	893	2,808	32,640	2,359	24,035	865	6,840
Southwest	1994	2,912	9,403	33	278	138	1,678	336	5,858	2,405	20,490
Total	1994	57,204	142,501	2,494	16,458	14,953	118,424	23,253	248,435	16,495	99,769

Note : pot. = potentially; exp. = exposed.

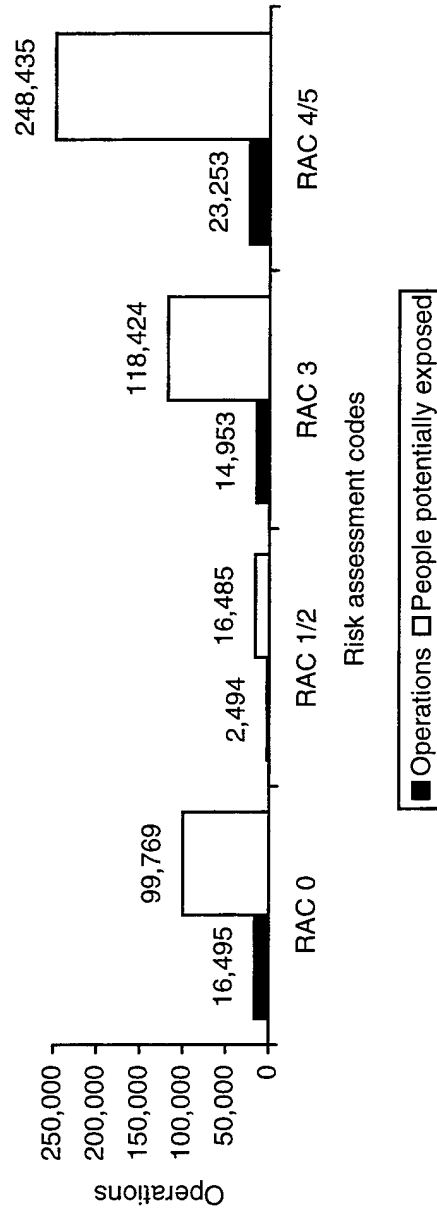


Figure G-2. MEDCOM Industrial Hygiene Program Workload—People Potentially Exposed By RAC

Table G-3. MEDCOM Industrial Hygiene Program Workload—Operations Evaluated and Sampled

HSSA	Year	Total oprs	People pot exp	RAC 0 oprs	RAC 0 eval	RAC 0 sam	RAC 1/2 oprs	RAC 1/2 eval	RAC 1/2 sam	RAC 3 oprs	RAC 3 eval	RAC 3 sam	RAC 4/5 oprs	RAC 4/5 eval	RAC 4/5 sam
Europe	1994	2,730	7,878	926	1	0	240	3	0	724	12	0	840	23	0
North Atlantic	1994	21,384	39,831	6,556	1,753	34	833	136	19	5,083	1,590	34	8,908	1,808	46
Northwest	1994	1,108	2,274	493	346	0	130	6	0	174	9	0	311	6	1
Pacific	1994	2,485	8,211	2,248	355	12	19	0	0	81	9	0	136	33	1
South Central	1994	20,434	35,117	3,002	396	9	1,121	237	9	5,945	1,076	44	10,363	3,120	57
Southeast	1994	6,151	39,787	865	367	19	118	41	0	2,808	1,093	30	2,359	1,332	8
Southwest	1994	2,912	9,403	2,405	194	4	33	8	0	138	56	0	336	213	0
Total	1994	57,204	142,501	16,495	3,412	78	2,494	431	28	14,953	3,845	108	23,253	6,535	113

Note: eval. = evaluated; oprs. = operations; sam. = sampled.

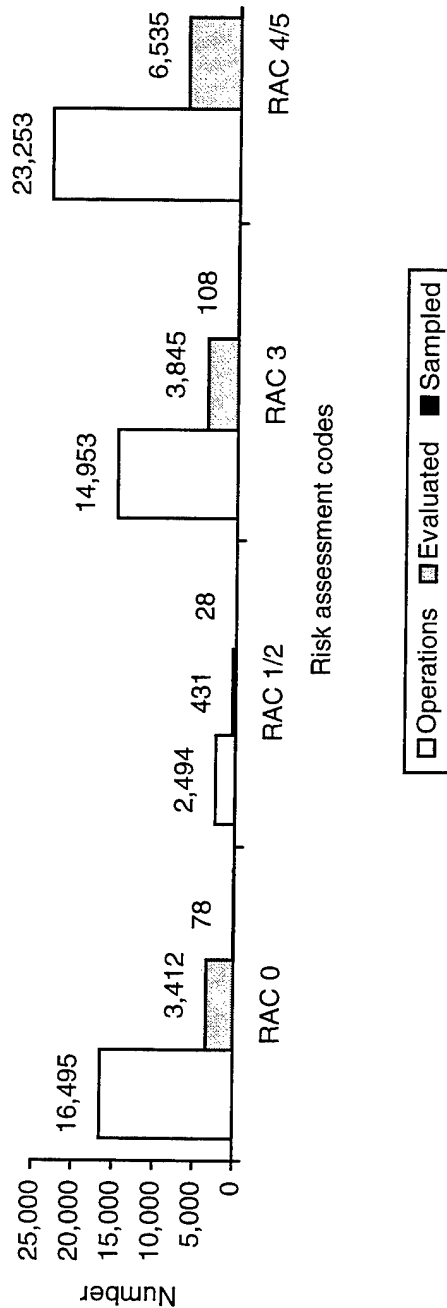


Figure G-3. MEDCOM Industrial Hygiene Program Workload—Operations Evaluated and Sampled

Table G-4. MEDCOM Industrial Hygiene Program Workload—Exposures versus Standards

HSSA	Year	Total operations	People potentially exposed	Operations evaluated	Operations sampled	Operations with exposures > AL	People exposed > AL	Operations with exposures > Std ^a	People exposed > Std ^a
Europe	1994	2,730	7,878	39	0	0	0		
North Atlantic	1994	21,384	39,831	5,287	173	21	189		
Northwest	1994	1,108	2,274	367	1	1	10		
Pacific	1994	2,485	8,211	397	13	1	3		
South Central	1994	20,434	35,117	4,831	132	17	211		
Southeast	1994	6,151	39,787	2,833	62	12	69		
Southwest	1994	2,912	9,403	471	4	0	0		
Total	1994	57,204	142,501	14,225	385	52	482		

^a Operations producing exposures and people exposed greater than the standard will be determined and reported in the future.

Note: AL = action level; Std = standard.

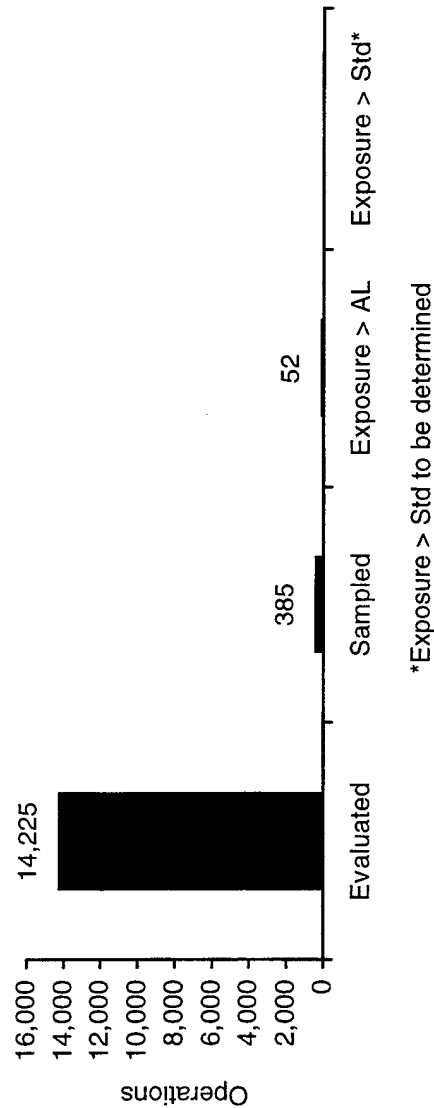


Figure G-4. MEDCOM Industrial Hygiene Program Workload—Exposures versus Standards

Table G-5. MEDCOM Industrial Hygiene Program Manpower—Industrial Hygienist Staffing

HSSA	Year	Required	Authorized	Enhancements	Current	Shortfall
Europe	1994	11	7	0	11	0
North Atlantic	1994	58	40	9	40	18
Northwest	1994	9	7	1	9	0
Pacific	1994	9	6	0	5	4
South Central	1994	33	28	2	28	5
Southeast	1994	20	15	1	16	4
Southwest	1994	5	5	1	6	-1
Total IHs	1994	145	108	14	115	30

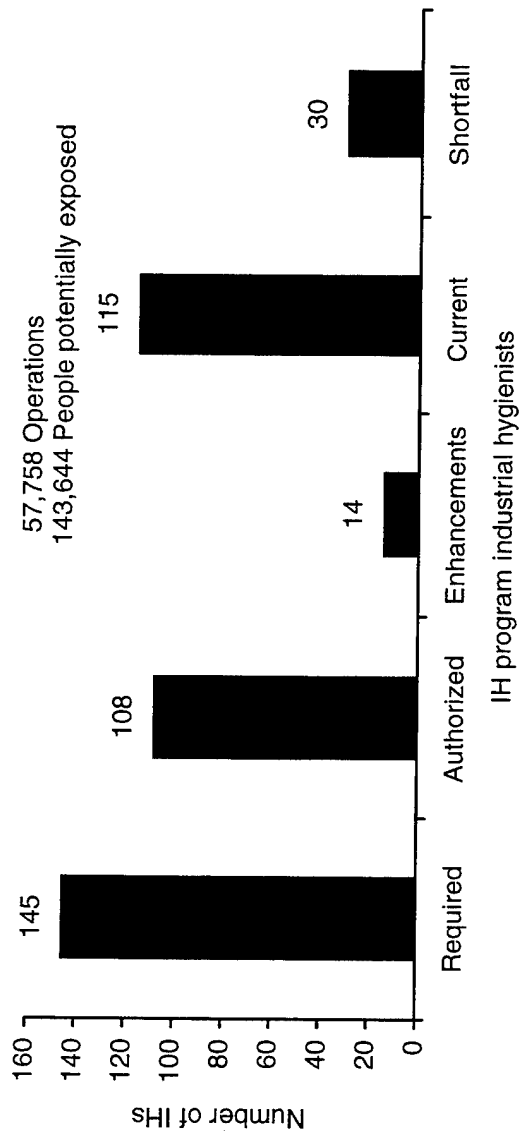


Figure G-5. MEDCOM Industrial Hygiene Program Manpower—Industrial Hygienist Staffing

Table G-6. MEDCOM Industrial Hygiene Program Manpower—Industrial Hygiene Technician Staffing

HSSA	Year	Required	Authorized	Enhancements	Current	Shortfall
Europe	1994	21	0	0	5	16
North Atlantic	1994	49	26	8	30	19
Northwest	1994	10	7	0	3	7
Pacific	1994	11	7	0	7	4
South Central	1994	25	14	2	16	9
Southeast	1994	21	13	1	12	9
Southwest	1994	5	3	1	5	0
Total IH technicians	1994	142	70	12	78	64

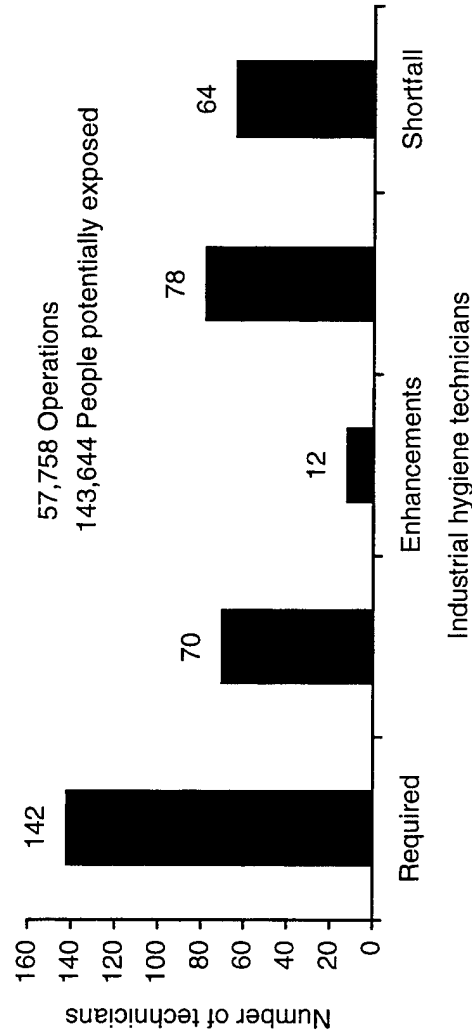


Figure G-6. MEDCOM Industrial Hygiene Program Manpower—Industrial Hygiene Technician Staffing

Table G-7. MEDCOM Industrial Hygiene Program Manpower Summary

HSSA	Year	Required	Authorized	Enhancements	Current	Shortfall
Europe	1994	37	7	0	16	21
North Atlantic	1994	115	71	19	77	38
Northwest	1994	20	14	1	12	8
Pacific	1994	24	14	0	13	11
South Central	1994	59	42	4	44	15
Southeast	1994	41	28	2	28	13
Southwest	1994	10	8	2	11	-1
Total staff	1994	306	184	28	201	105

Note: Required = as reported by the IHPM/USACHPPM recommendation; authorized = from table of distribution and allowances; on hand = number at the installation; shortfall = required IH staff - current IH staff; N/A = not applicable; IH = industrial hygiene.

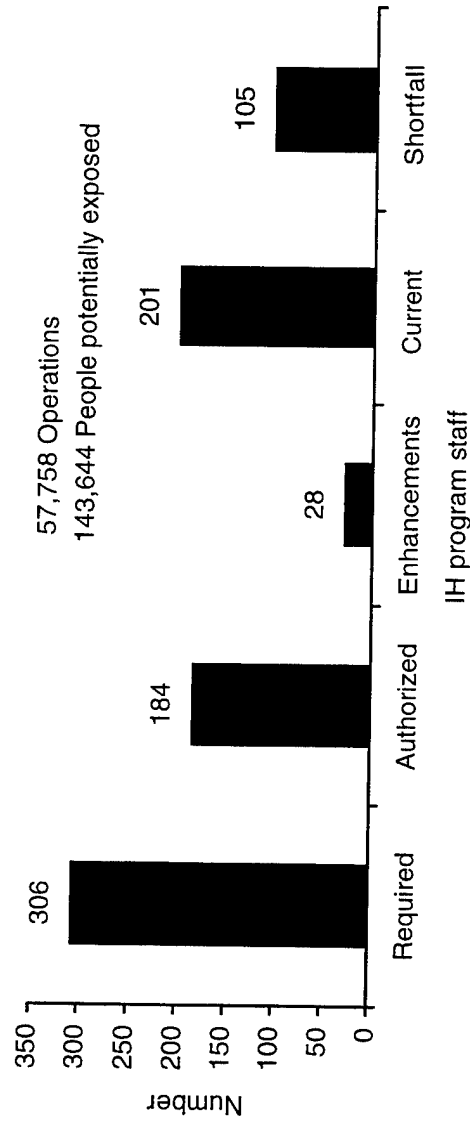


Figure G-7. MEDCOM Industrial Hygiene Program Manpower Summary

Table G-8. MEDCOM Industrial Hygiene Program Budget

HSSA	Year	Budget status code	Required budget (\$1,000)	Requested budget (\$1,000)	Authorized budget (\$1,000)	Budget executed ^a (\$1,000)	Shortfall (\$1,000)
Europe	1994	Red	2,520	2	12	0	2,520
North Atlantic	1994	Red	7,680	4,650	776	267	7,413
Northwest	1994	Red	1,370	0	0	0	1,370
Pacific	1994	Red	1,600	770	650	0	1,600
South Central	1994	Red	4,450	1745	3,558	0	4,450
Southeast	1994	Red	2,740	469	518	118	2,622
Southwest	1994	Red	850	500	0	0	8,50
Total	1994	Red	21,210	8,136	5514	385	20,825

^a To be executed the budget must be tracked in AMS Code 847705.41; shortfall = required - authorized.

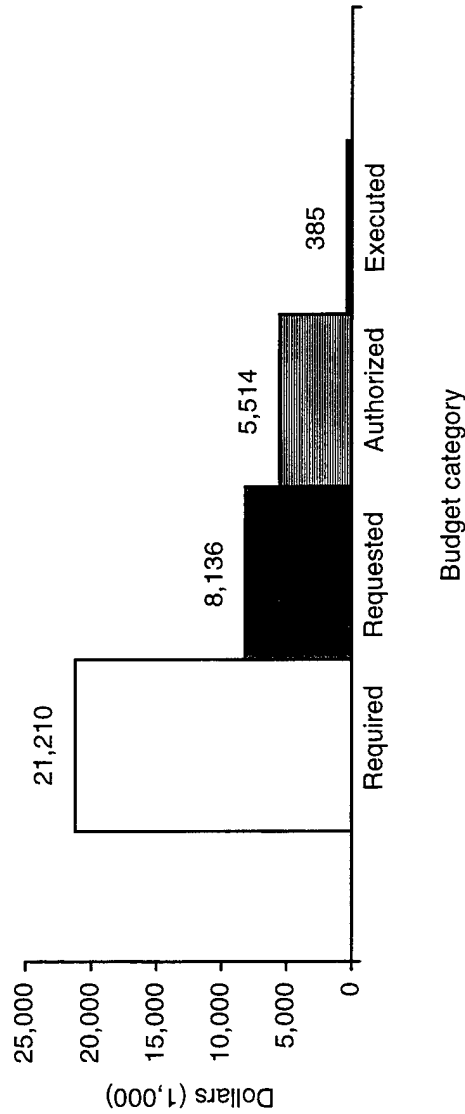


Figure G-8. MEDCOM Industrial Hygiene Program Budget

Table G-9. MEDCOM Industrial Hygiene Program Budget Elements

This table will be presented in future reports.

This figure will be presented in future reports.

Figure G-9. MEDCOM Industrial Hygiene Program Budget Elements

Table G-10. MEDCOM Industrial Hygiene Program Status Code Counts

HSSA	Year	Number of programs coded red	Number of programs coded yellow	Number of programs coded green
Europe	1994	9	2	0
North Atlantic	1994	5	15	0
Northwest	1994	3	1	0
Pacific	1994	5	1	0
South Central	1994	2	15	0
Southeast	1994	3	5	1
Southwest	1994	2	2	0
Total	1994	29	41	1

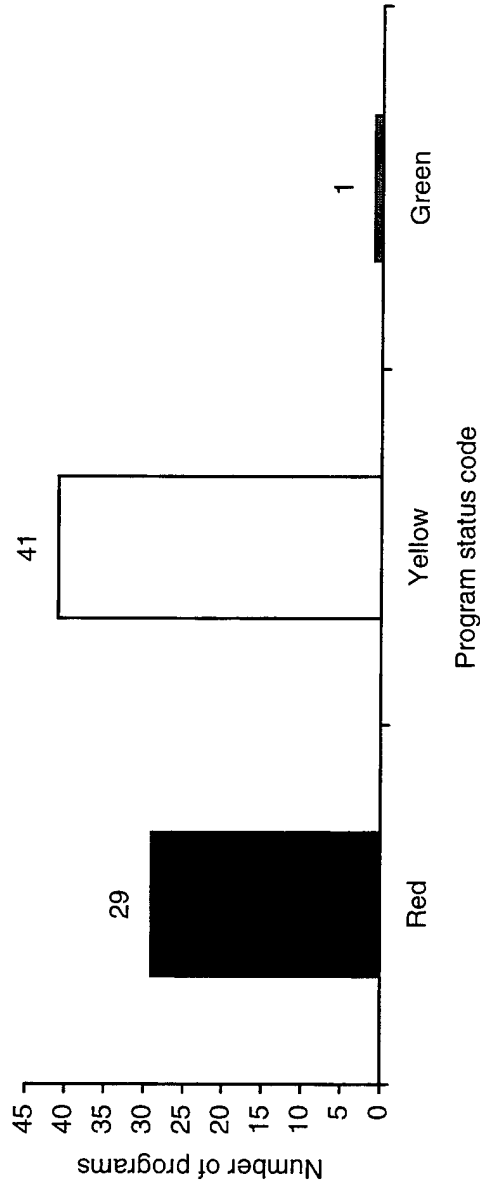


Figure G-10. MEDCOM Industrial Hygiene Program Status Code Counts

Table G-11. MEDCOM Industrial Hygiene Program—Program Status Scores

HSSA	Year	Summary status code	Current HHIM score	HHIM data trends score	Cost savings score ^a	Program management status score	Manpower status score	Budget status score	Programs supported
Europe	1994	Red	1.1	1.0		1.9	2.0	1.0	
North Atlantic	1994	Yellow	1.7	1.8		2.2	2.0	1.1	
Northwest	1994	Red	1.0	1.0		2.0	1.0	1.0	
Pacific	1994	Red	1.2	1.2		2.0	1.0	1.0	
South Central	1994	Yellow	1.5	2.0		2.3	2.0	1.0	
Southeast	1994	Yellow	1.6	1.6		2.2	2.0	1.2	
Southwest	1994	Yellow	1.3	1.5		2.3	3.0	1.3	
Average	1994	Yellow	1.4	1.6		2.1	1.9	1.1	2.1

^aCost savings will be determined and reported at a later date.

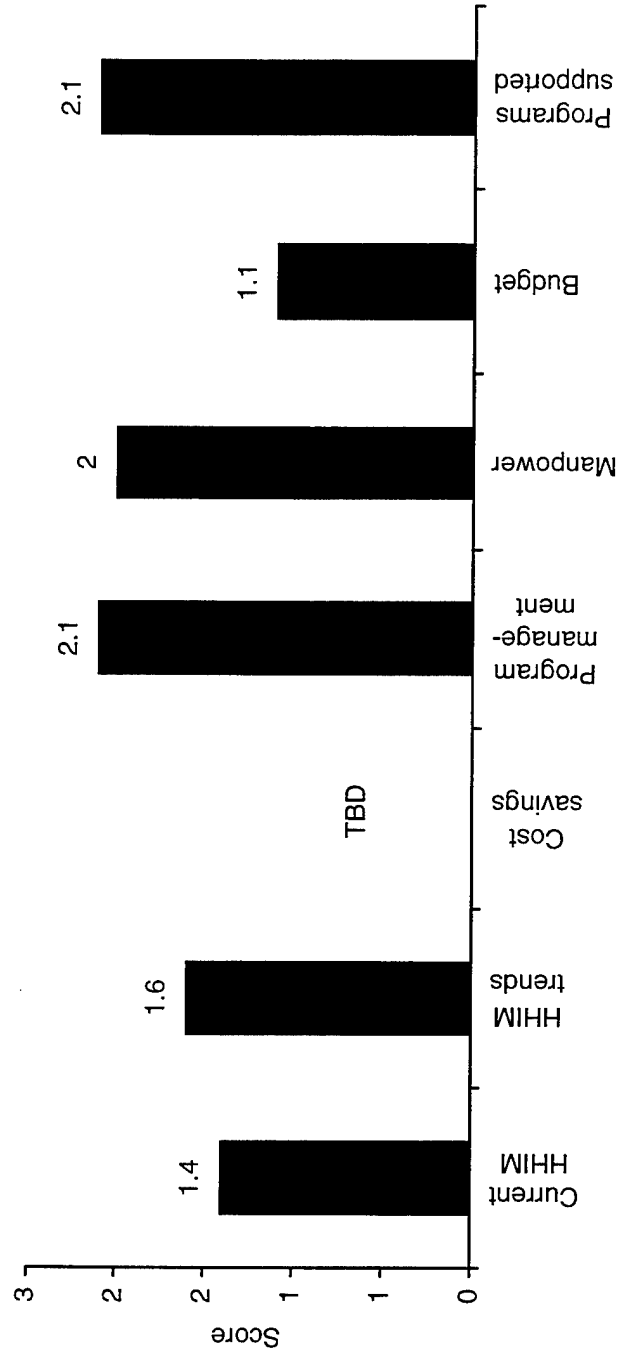


Figure G-11. MEDCOM Industrial Hygiene Program Status Scores

Table G-12. MEDCOM Industrial Hygiene Program—Program Management Indicator Scores

HSSA	Year	Program document	HHIM use	IHIP use	EPC use	HHIM data call	Record-keeping	Time-keeping	Follow-up	Hazard abatement	Staff training	Cred/priv	Facilities	Equipment	Internal audit
Europe	1994	1.7	2.1	2.4	2.0	1.9	2.0	1.6	1.6	1.7	2.2	1.9	2.5	1.9	1.4
North Atlantic	1994	2.6	2.4	2.5	2.0	2.4	2.2	1.5	1.9	1.9	2.3	1.5	2.5	2.9	1.8
Northwest	1994	2.3	1.5	2.3	2.0	1.3	1.5	1.5	1.5	1.8	2.0	1.5	3.0	3.0	1.8
Pacific	1994	2.2	2.7	2.5	2.5	2.2	1.5	2.5	1.8	1.5	2.5	1.8	1.5	1.5	1.2
South Central	1994	2.4	2.2	2.5	2.2	2.4	2.2	1.8	2.1	2.2	2.2	1.2	2.5	2.6	1.8
Southeast	1994	2.8	2.1	2.7	2.4	2.2	2.1	1.2	1.7	1.9	2.3	1.3	2.6	2.9	1.4
Southwest	1994	2.5	2.3	2.0	2.3	2.3	2.3	1.5	1.0	1.8	1.8	1.5	2.5	2.5	1.8
Average	1994	2.4	2.2	2.5	2.2	2.2	2.1	1.6	1.8	1.9	2.2	1.5	2.5	2.5	1.6

Note: HHIM = health hazard inventory module; IHIP = industrial hygiene implementation plan; EPC = exposure potential code; cred/prove = credentialing / privileging.

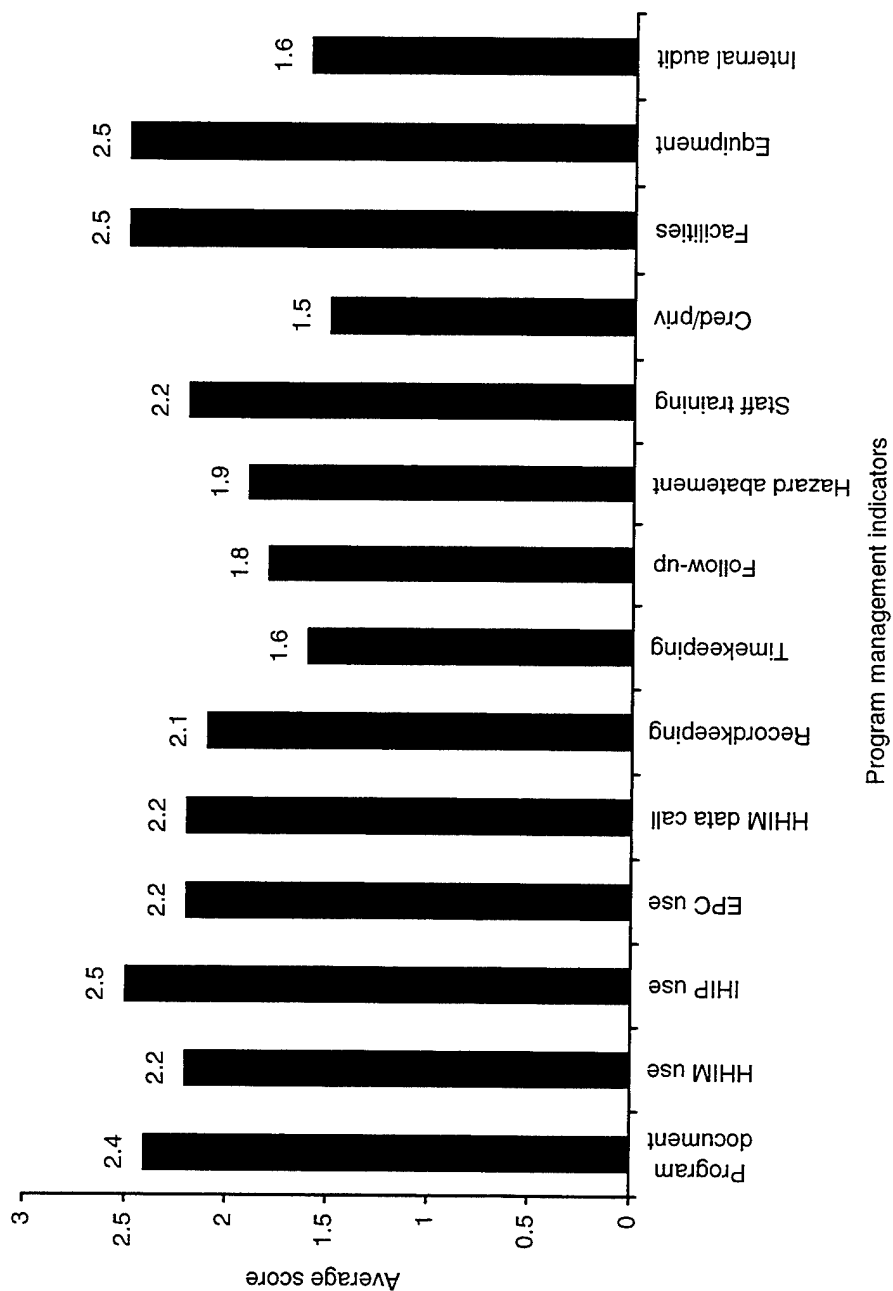


Figure G-12. MEDCOM Industrial Hygiene Program—Program Management Indicator Scores

Table G-13. MEDCOM Industrial Hygiene Program—Installation Programs Supported Indicator Scores

HSSA	Year	Complaint response	OHP	HAZCOM	CRCP	RPE program	PPE program	Design review program	Ergonomics program	Biological hazards program	Confined space entry program
Europe	1994	2.2	1.9	1.9	1.8	1.6	1.6	1.6	1.4	1.7	1.4
North	1994	2.1	2.3	1.9	2.2	2.7	1.8	2.6	1.8	1.9	2.1
Northwest	1994	2.0	2.5	2.3	1.8	2.0	1.8	2.0	1.8	2.3	2.3
Pacific	1994	2.0	1.8	2.8	2.8	2.2	2.2	2.2	1.5	2.0	2.0
South	1994	2.4	2.3	2.4	2.4	2.5	2.2	2.1	1.9	2.2	1.8
Southeast	1994	2.1	2.9	2.4	1.7	2.6	2.1	2.6	1.8	2.4	2.4
Southwest	1994	1.8	2.5	1.5	1.8	1.8	1.5	2.3	1.8	2.0	1.8
Average	1994	2.1	2.3	2.1	2.1	2.3	1.9	2.2	1.7	2.0	1.9

Note: CRCP = civilian resource conservation program; PPE = personal protection equipment; HAZCOM = hazard communication program; OHP = occupational health program.

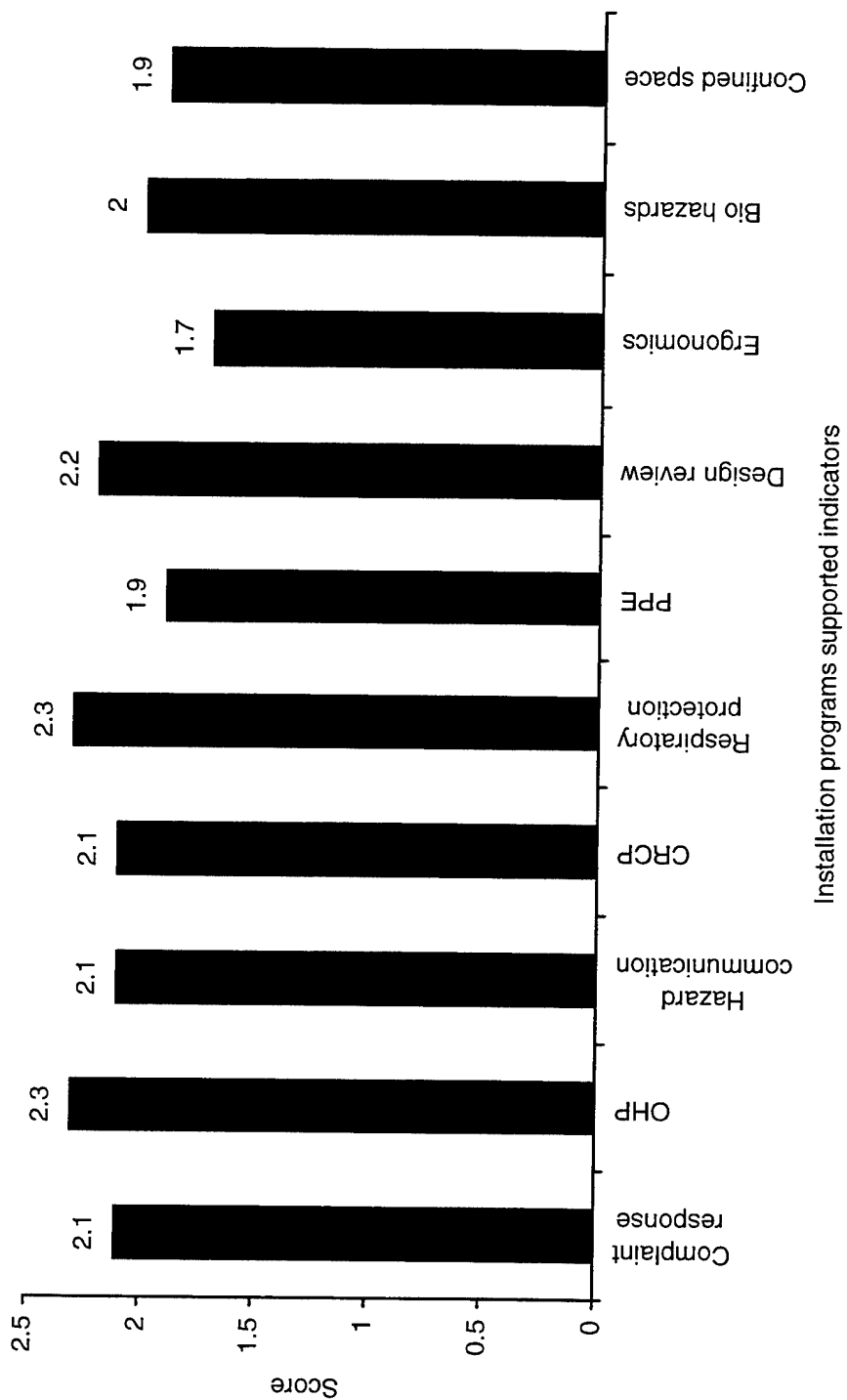


Figure G-13. MEDCOM Industrial Hygiene Program—Installation Programs Supported Indicator Scores

Table G-14. MEDCOM Industrial Hygiene Program—RPE Use

HSSA	Year	Total operations	Operations where RPE is required	Operations where RPE is required but not used	Operations where RPE is used but is not required
Europe	1994	2,730	7	2	2
North Atlantic	1994	21,384	386	19	109
Northwest Pacific	1994	1,108	11	1	2
South Central	1994	2,485	59	15	7
Southeast	1994	20,434	390	82	42
Southwest	1994	6,151	222	8	134
Southwest	1994	2,912	17	1	3
Total	1994	57,204	1,092	128	299

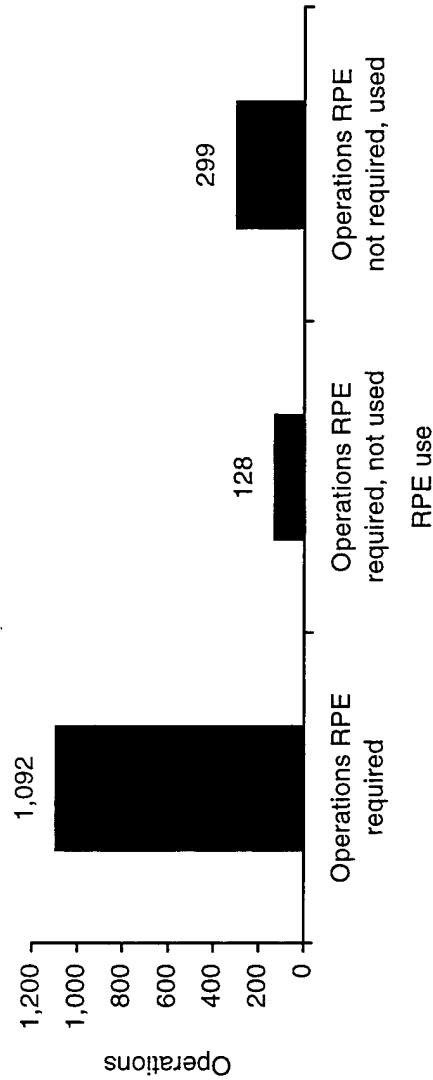


Figure G-14. MEDCOM Industrial Hygiene Program—RPE Use

Table G-15. MEDCOM Industrial Hygiene Program—RPE Use Trends

HSSA	Year	Total operations	Operations where RPE is required	Operations where RPE is required but not used	Operations where RPE is used but is not required
Europe	1992	2,322	47	23	8
	1993	2,701	62	14	13
	1994	2,730	7	2	2
North Atlantic	1992	11,131	454	29	189
	1993	17,229	383	22	109
	1994	21,384	386	19	109
Northwest	1992	591	51	3	4
	1993	833	46	17	10
	1994	1,108	11	1	2
Pacific	1992	1,485	244	37	86
	1993	2,182	166	19	25
	1994	2,485	59	15	7
South Central	1992	13,327	672	215	108
	1993	17,216	547	81	67
	1994	20,434	390	82	42
Southeast	1992	4,312	220	17	156
	1993	5,383	224	1	161
	1994	6,151	222	8	134
Southwest	1992	1,692	27	1	2
	1993	2,784	98	2	13
	1994	2,912	17	1	3
Total	1992	34,860	1,715	325	553
	1993	48,328	1,526	156	398
	1994	57,204	1,092	128	299

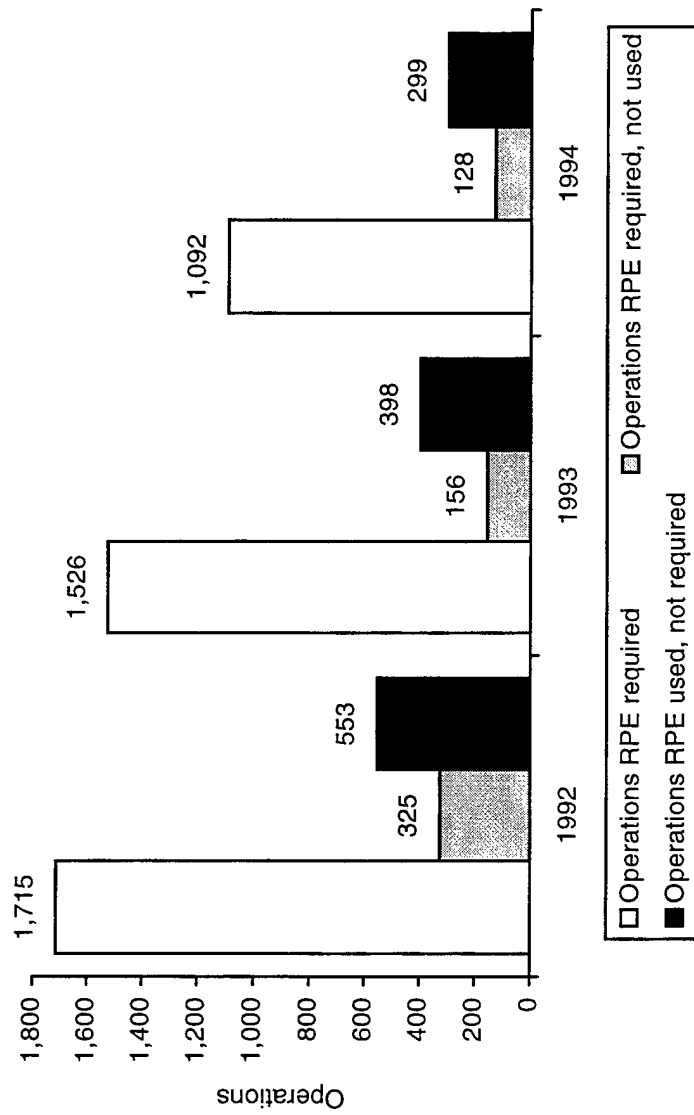


Figure G-15. MEDCOM Industrial Hygiene Program—RPE Use Trends

Table G-16. MEDCOM Industrial Hygiene Program Workload Trends—Operations by RAC

HSSA	Year	Total oprs.	People pot. exp.	RAC 1/2 oprs.	RAC1/2 People pot. exp.	RAC 3 oprs.	RAC 3 People pot. exp.	RAC 4/5 oprs.	RAC4/5 People pot. exp.	RAC 0 oprs.	RAC 0 People pot. exp.
Europe	1992	2,322	5,814	219	1,908	637	3,794	726	3,108	740	597
	1993	2,701	7,685	238	2,133	719	4,705	818	3,679	926	2,217
	1994	2,730	7,878	240	2,143	724	4,751	840	3,891	926	2,227
North Atlantic	1992	11,131	23,970	605	5,104	2,788	19,151	4,895	36,038	2,841	10,304
	1993	17,229	33,302	745	6,030	3,897	29,431	7,354	70,440	5,229	18,866
	1994	21,384	39,831	833	6,421	5,083	46,069	8,908	82,610	6,556	25,266
Northwest	1992	591	877	90	691	131	659	206	1,071	164	775
	1993	833	1,429	124	873	165	927	305	1,688	239	1,266
	1994	1,108	2,274	130	923	174	980	311	1,740	493	4,218
Pacific	1992	1,485	4,797	19	69	32	141	39	171	1,394	11,815
	1993	2,182	6,960	19	69	72	614	126	1,628	1,964	16,181
	1994	2,485	8,211	19	69	81	710	136	1,933	2,248	18,257
South Central	1992	13,327	24,677	559	3,709	3,960	16,633	6,476	91,088	2,331	22,063
	1993	17,216	29,440	909	4,926	5,145	27,059	8,540	108,767	2,621	22,217
	1994	20,434	35,117	1,121	5,731	5,945	31,596	10,363	128,368	3,002	22,471
Southeast	1992	4,312	23,893	56	363	1,950	17,834	1,627	14,452	679	4,689
	1993	5,383	31,813	97	686	2,482	24,694	2,017	19,363	786	5,933
	1994	6,151	39,787	118	893	2,808	32,640	2,359	24,035	865	6,840
Southwest	1992	1,692	6,872	27	254	97	1,113	235	3,226	1,333	10,135
	1993	2,784	8,619	31	257	129	1,402	297	4,635	2,327	19,653
	1994	2,912	9,403	33	278	138	1,678	336	5,858	2,405	20,490
Total	1992	34,860	90,900	1,575	12,098	9,595	59,325	14,204	149,154	9,482	60,378
	1993	48,328	119,248	2,163	14,974	12,609	88,832	19,457	210,200	14,092	86,333
	1994	57,204	142,501	2,494	16,458	14,953	118,424	23,253	248,435	16,495	99,769

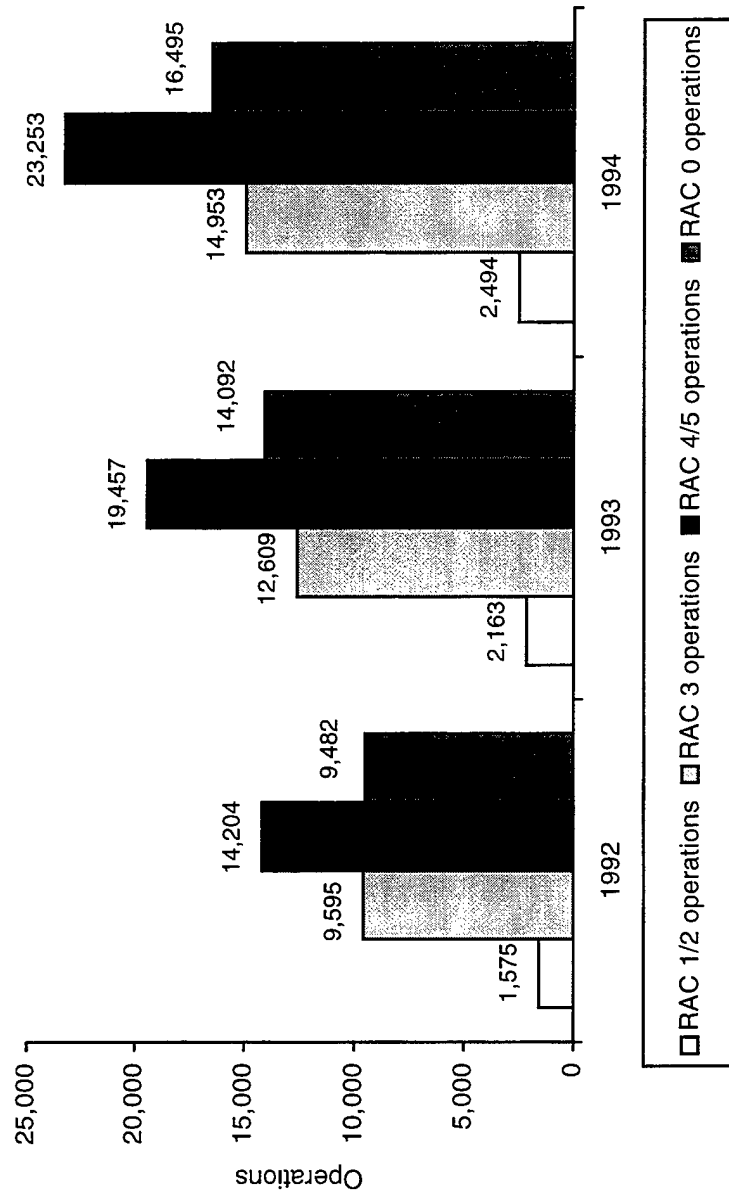


Figure G-16. MEDCOM Industrial Hygiene Program Workload Trends—Operations by RAC

Table G-17. MEDCOM Industrial Hygiene Program Workload Trends—Operations Evaluated and Sampled

HSSA	Year	Total oprs.	People pot. exp.	Oprs eval.	Oprs sam.	RAC 0 oprs.	RAC 0 eval.	RAC 0 sam.	RAC 1/2 oprs.	RAC 1/2 eval.	RAC 1/2 sam.	RAC 3 oprs.	RAC 3 eval.	RAC 3 sam.	RAC 4/5 oprs.	RAC 4/5 eval.	RAC 4/5 sam.
Europe	1992	2,322	5,814	1,138	8	740	253	0	219	56	1	637	311	6	726	518	1
	1993	2,701	7,685	383	1	926	186	0	238	20	1	719	85	0	818	92	0
	1994	2,730	7,878	39	0	926	1	0	240	3	0	724	12	0	840	23	0
North Atlantic	1992	11,131	23,970	6,008	145	2,841	1,512	32	605	438	11	2,788	1,851	38	4,895	2,206	36
	1993	17,229	33,302	7,521	187	5,229	2,676	25	745	279	16	3,897	1,707	40	7,354	2,855	78
	1994	21,384	39,831	5,287	173	6,556	1,753	34	833	136	19	5,083	1,590	34	8,908	1,808	46
Northwest	1992	591	877	220	22	164	5	0	90	64	8	131	46	4	206	105	10
	1993	833	1,429	298	5	239	101	0	124	39	0	165	49	0	305	109	4
	1994	1,108	2,274	367	1	493	346	0	130	6	0	174	9	0	311	6	1
Pacific	1992	1,485	4,797	1,433	14	1,394	1,344	0	19	19	0	32	30	1	39	39	2
	1993	2,182	6,960	727	6	1,964	599	3	19	0	0	72	41	0	126	87	0
	1994	2,485	8,211	397	13	2,248	355	12	19	0	0	81	9	0	136	33	1
South Central	1992	13,327	24,677	4,587	521	2,331	233	18	559	307	22	3,960	1,648	181	6,476	2,399	253
	1993	17,216	29,440	5,001	285	2,621	306	13	909	395	16	5,145	1,599	134	8,540	2,701	91
	1994	20,434	35,117	4,831	132	3,002	396	9	1,121	237	9	5,945	1,076	44	10,363	3,120	57
Southeast	1992	4,312	23,893	2,847	39	679	441	12	56	25	2	1,950	931	20	1,627	1,450	5
	1993	5,383	31,813	2,759	59	786	402	21	97	61	0	2,482	1,101	33	2,017	1,193	5
	1994	6,151	39,787	2,833	62	865	367	19	118	41	0	2,808	1,093	30	2,359	1,332	8
Southwest	1992	1,692	6,872	567	5	1,333	418	3	27	14	0	97	36	2	235	99	0
	1993	2,784	8,619	1,436	2	2,327	1,201	1	31	8	0	129	54	0	297	173	0
	1994	2,912	9,403	471	4	2,405	194	4	33	8	0	138	56	0	336	213	0
Total	1992	34,860	90,900	16,800	754	9,482	4,206	65	1,575	923	44	9,595	4,853	252	14,204	6,816	307
	1993	48,328	119,248	18,125	545	14,092	5,471	63	2,163	802	33	12,609	4,636	207	19,457	7,210	178
	1994	57,204	142,501	14,225	385	16,495	3,412	78	2,494	431	28	14,953	3,845	108	16,495	6,535	113

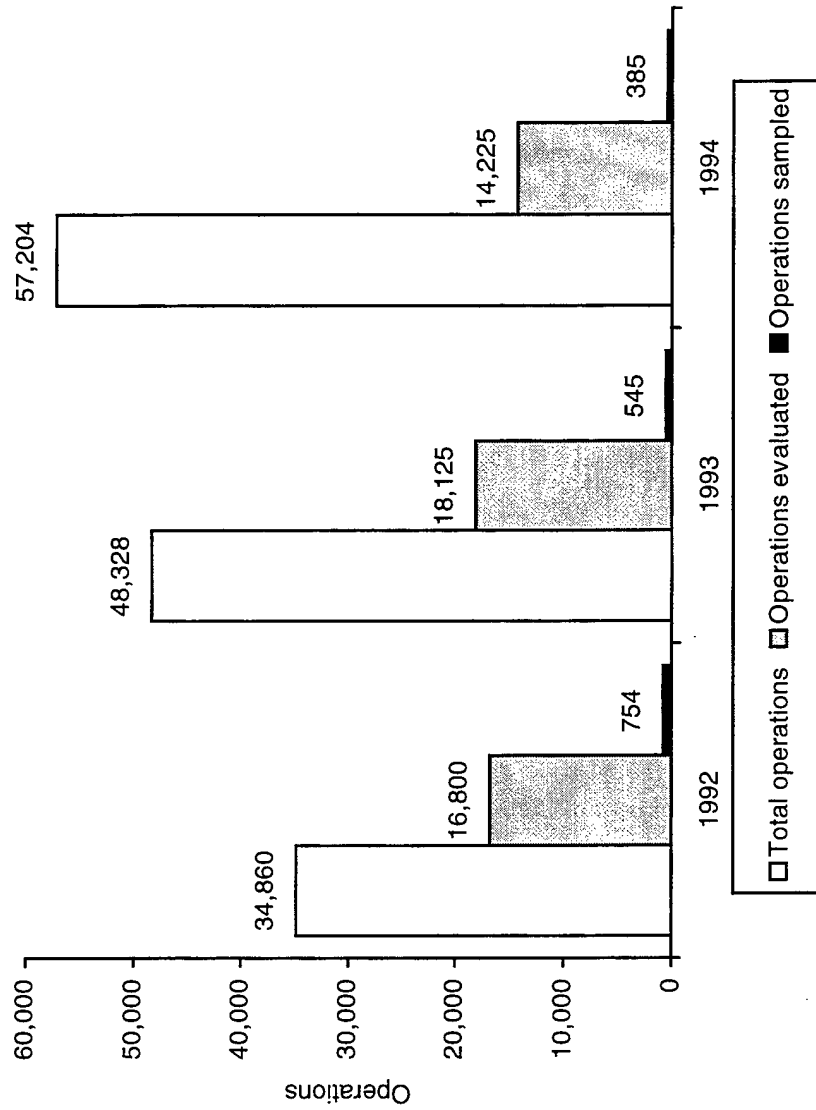


Figure G-17. MEDCOM Industrial Hygiene Program Workload Trends—Operations Evaluated and Sampled

Table G-18. MEDCOM Industrial Hygiene Program Workload Trends—Exposures versus Standards

HSSA	Year	Total operations	People potentially exposed	Operations evaluated	Operations sampled	Operations exposure > AL	People exposed > AL	Operations exposure > Std ^a	People exposed > Std ^a
Europe	1992	2,322	5,814	1,138	8	2	10		
	1993	2,701	7,685	383	1	0	0		
	1994	2,730	7,878	39	0	0	0		
North Atlantic	1992	11,131	23,970	6,008	145	28	213		
	1993	17,229	33,302	7,521	187	26	222		
	1994	21,384	39,831	5,287	173	21	189		
Northwest	1992	591	877	220	22	2	5		
	1993	833	1,429	298	5	0	0		
	1994	1,108	2,274	367	1	1	10		
Pacific	1992	1,485	4,797	1,433	14	0	0		
	1993	2,182	6,960	727	6	0	0		
	1994	2,485	8,211	397	13	1	3		
South Central	1992	13,327	24,677	4,587	521	48	529		
	1993	17,216	29,440	5,001	285	38	531		
	1994	20,434	35,117	4,831	132	17	211		
Southeast	1992	4,312	23,893	2,847	39	5	27		
	1993	5,383	31,813	2,759	59	6	77		
	1994	6,151	39,787	2,833	62	12	69		
Southwest	1992	1,692	6,872	567	5	1	0		
	1993	2,784	8,619	1,436	2	1	1		
	1994	2,912	9,403	471	4	0	0		
Total	1992	34,860	90,900	16,800	754	86	784		
	1993	48,328	119,000	18,125	545	71	831		
	1994	57,204	142,501	14,225	385	52	482		

^aOperations producing exposures above the standards and people exposed above the standards will be reported in the future.

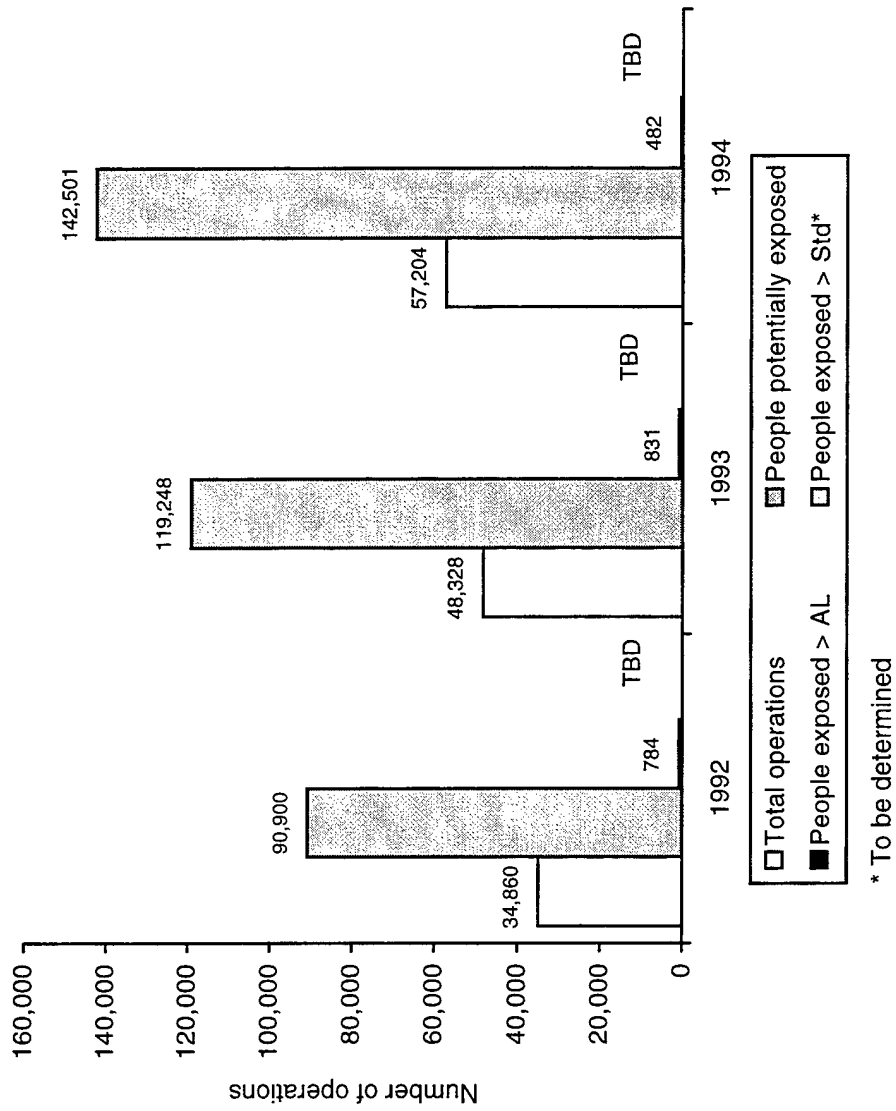


Figure G-18. MEDCOM Industrial Hygiene Program Workload Trends—Exposures versus Standards

Appendix H

AN EXAMPLE ARMY STATUS REPORT

Overview

The Army status report is very similar to the Medical Command Report. It consists of a one page summary report and 16 individual reports (tables and graphs) that summarize all of the important indicator data from the individual installation status reports and arrays those data in a series of easy to understand and interpret tables and graphs. Each of the reports is presented on the following pages.

Army Industrial Hygiene Program Status Report

DATE: 19-Jun-96

Current Data Analysis (1994)				IH Program Status			Program Management Analysis			Installation Programs Supported		
OPRs / Eval / Sampled / People	57204 / 14225 / 385 / 142501			Program document	Green	Yellow	Red	Response to complaints	Green	Yellow	Red	
RAC 1+2 OPRs / Eval / Sampled / People	2494 / 431 / 28 / 16458			HHIM	Green	Yellow	Red	Occ. health prgm	Green	Yellow	Red	
RAC 3 OPRs / Eval / Sampled / People	14953 / 3845 / 108 / 118424			IHIP	Green	Yellow	Red	Hazard communication prgm	Green	Yellow	Red	
RAC 4+5 OPRs / Eval / Sampled / People	23253 / 6535 / 113 / 248435			EPC	Green	Yellow	Red	CRCP	Green	Yellow	Red	
RAC 0 OPRs / Eval / Sampled / People	16495 / 3412 / 78 / 99769			HHIM data calls	Green	Yellow	Red	Respiratory protection prgm	Green	Yellow	Red	
Admin OPRs / Eval / Sampled / People	6793 / 1545 / 10 / 14909			Recordkeeping	Green	Yellow	Red	Personal protective equip prgm	Green	Yellow	Red	
Industrial OPRs / Eval / Sampled / People	50411 / 12680 / 375 / 127592			Timekeeping	Green	Yellow	Red	Design review prgm	Green	Yellow	Red	
OPRs with exposure > AL	52			Follow-up	Green	Yellow	Red	Ergonomics prgm	Green	Yellow	Red	
OPRs with exposure > std				Hazard abatement plan	Green	Yellow	Red	Biological hazard control prgm	Green	Yellow	Red	
OPRs requiring RPE	1092			Staff training	Green	Yellow	Red	Confined space entry prgm	Green	Yellow	Red	
OPRs RPE required but not used	128			Credentialing/privileging	Green	Yellow	Red	Prgrms supported	Green	Yellow	Red	
OPRs RPE used but not required	299			Facilities	Green	Yellow	Red	Problems/Support	Code	Schedule	Comp	
OPRs sampled to date	1432			Equipment	Green	Yellow	Red					
				Internal audits	Green	Yellow	Red					
Status current HHIM analysis	Green	Yellow	Red	Status prgm mgmt	Green	Yellow	Red	Status prgm mgmt	Green	Yellow	Red	
Score: 21				Score: 29				Score: 29				
HHIM Data Trend Analysis												
Indicator	1992	1993	1994	Manpower Analysis								
OPRs / People	34860 / 80900	48328 / 119248	57204 / 142501	Required	145	108	101	Authorized	108	101	101	
% OPRs coded RAC 1+2 / # OPRs	5 / 1575	4 / 2163	4 / 2494	IH techs	142	70	66	IH techs	142	70	66	
% OPRs coded RAC 3 / # OPRs	28 / 9595	26 / 12609	26 / 14953	Clerical	19	6	6	Clerical	19	6	6	
% OPRs coded RAC 4+5 / # OPRs	41 / 14204	40 / 19457	41 / 23253	IH enhancements	N/A	N/A	14	IH enhancements	N/A	N/A	14	
% OPRs coded RAC 0 / # OPRs	27 / 9482	29 / 14092	29 / 16495	Tech enhancements	N/A	N/A	12	Tech enhancements	N/A	N/A	12	
% OPRs reeval next yr / # OPRs	6 / 2662	7 / 3511	6 / 3689	Clerical enhancements	N/A	N/A	2	Clerical enhancements	N/A	N/A	2	
% OPRs evaluated / # OPRs	48 / 16800	38 / 18125	25 / 14225	Totals	306	184	201	Totals	306	184	201	
% OPRs sampled / # OPRs	2 / 754	1 / 545	1 / 385	CIH / IHIT / CSP / COHST	11	5	3	CIH / IHIT / CSP / COHST	11	5	3	
% OPRs with exp > AL / # OPRs	0 / 86	0 / 71	0 / 52	Status manpower	Green	Yellow	Red	Status manpower	Green	Yellow	Red	
% OPRs with exp > std / # OPRs	/	/	/	Score: 2				Score: 2				
% OPRs requiring RPE / # OPRs	5 / 1715	3 / 1526	2 / 1092	Budget Analysis (\$1,000)								
% OPRs req RPE not used / # OPRs	1 / 325	0 / 156	0 / 128	CY	BY	96	99	00	01	02		
% OPRs RPE used not req / # OPRs	2 / 553	1 / 398	1 / 299	Required	21210			Required	21210			
Samples collected to date	1941	2665	3211	Requested	8136			Requested	8136			
				Authorized	5514			Authorized	5514			
Status HHIM trend analysis	Green	Yellow	Red	Executed	385			Executed	385			
Score: 19				Shortfall	20825			Shortfall	20825			
Cost Savings Analysis												
Algorithm being developed, section not scored												
Comments												
Status - potential cost savings												
Green	Yellow	Red	Score	0								

Table H-1. Army Industrial Hygiene Program Workload—Operations by RAC

Year	Total operations	People potentially exposed ^a	Number of RAC 1/2 operations	Number of RAC 3 operations	Number of RAC 4/5 operations	Number of RAC 0 operations
1994	57,204	142,501	2,494	14,953	23,253	16,495

^a People potentially exposed includes all workers associated with the operations at the installations. Individuals may be counted more than once if they work at more than one operation.

Note: HSSA = health service support area.

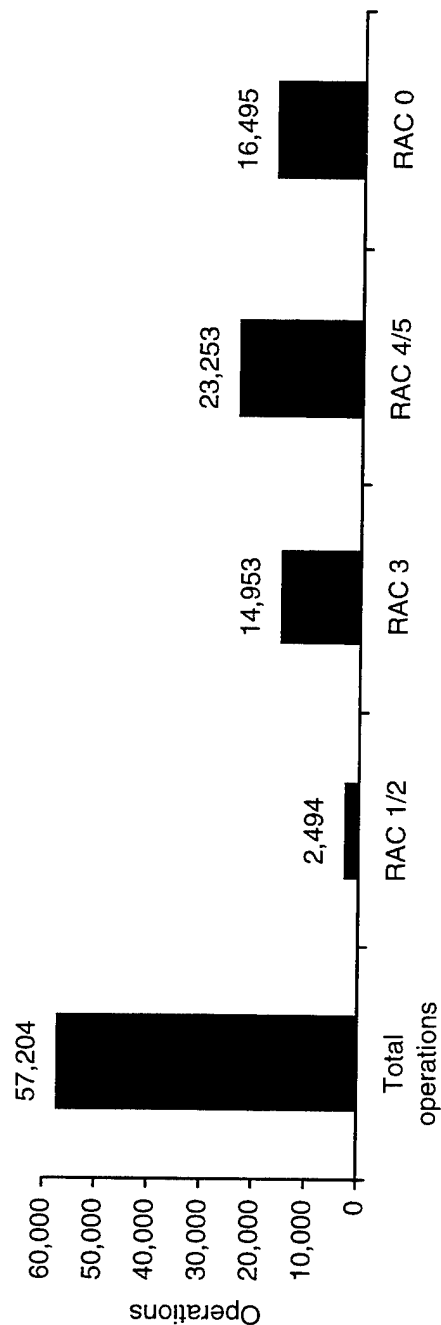


Figure H-1. Army Industrial Hygiene Program Workload—Operations by RAC 1994

Table H-2. Army Industrial Hygiene Program Workload—People Potentially Exposed by RAC

Year	Total operations	People pot. exp.	RAC 0 operations	RAC 0 People pot. exp.	RAC 1/2 operations	RAC 1/2 People pot. exp.	RAC 3 operations	RAC 3 People pot. exp.	RAC 4/5 operations	RAC 4/5 People pot. exp.
1994	57,204	142,501	16,495	99,769	2,494	16,458	14,953	118,424	23,253	248,435

Note: pot. =potentially; exp. = exposed.

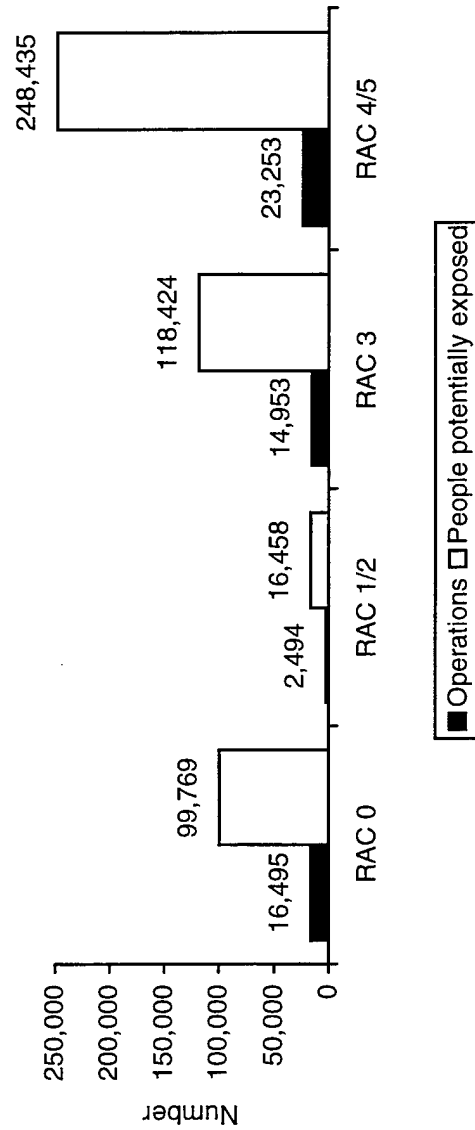


Figure H-2. Army Industrial Hygiene Program Workload—People Potentially Exposed by RAC

Table H-3. Army Industrial Hygiene Program Workload—Operations Evaluated and Sampled

Year	Total oprs.	People pot. exp.	RAC 0 oprs.	RAC 0 eval.	RAC 0 sam.	RAC 1/2 oprs.	RAC 1/2 eval.	RAC 1/2 sam.	RAC 3 oprs.	RAC 3 eval.	RAC 3 sam.	RAC 4/5 oprs.	RAC 4/5 eval.	RAC 4/5 sam.
1994	57,204	142,501	16,495	3,412	78	2,494	431	28	14,953	3,845	108	23,253	6,535	113

Note: eval. = evaluated; oprs. = operations; sam. = sampled.

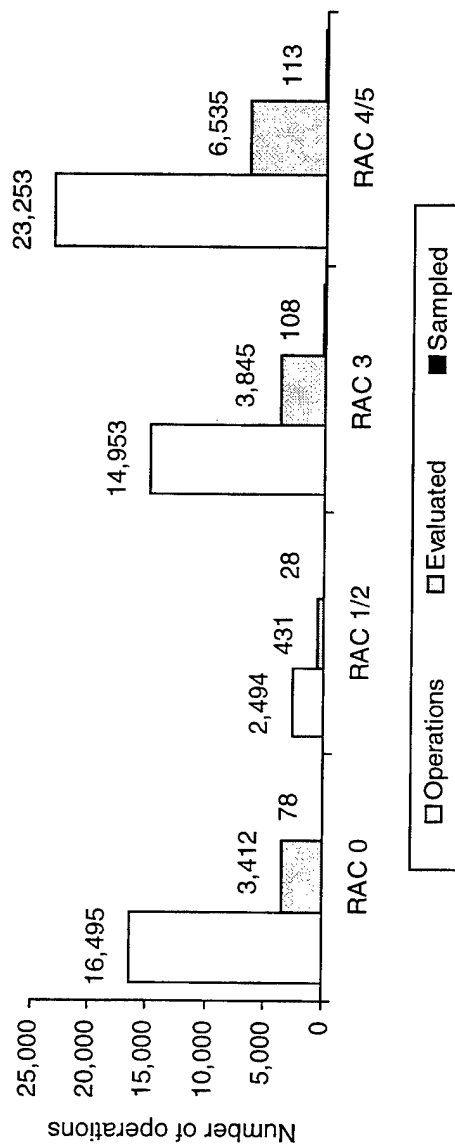


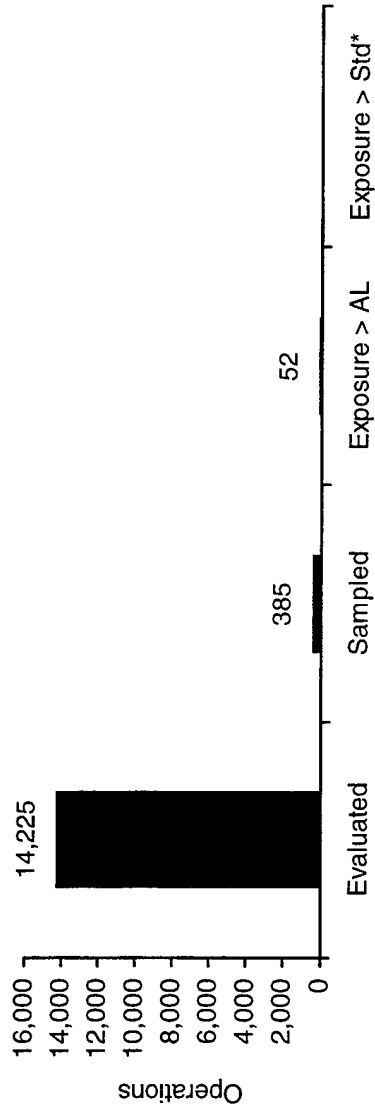
Figure H-3. Army Industrial Hygiene Program Workload—Operations Evaluated and Sampled

Table H-4. Army Industrial Hygiene Program Workload—Exposures versus Standards

Year	Total operations	People potentially exposed	Operations evaluated	Operations sampled	Operations with exposures > AL	People exposed > AL	Operations with exposures > Std ^a	People exposed > Std ^a
1994	57,204	142,501	14,225	385	52	482		

^a Operations producing exposures and people exposed greater than the standard will be determined and reported in the future.

Note: AL = action level; Std = standard.



*Exposure > Std to be determined

Figure H-4. Army Industrial Hygiene Program Workload—Exposures versus Standards

Table H-5. Army Industrial Hygiene Program Manpower Summary

Year	Status code	Required	Authorized	Enhancements	Current	Shortfall
1994	Yellow	306	184	28	201	105

Note: Required = as reported by the IHPM/USACHPPM recommendation; authorized = from table of distribution and allowances; current = includes enhancements; shortfall = required IH staff - current IH staff; N/A = not applicable; IH = industrial hygiene.

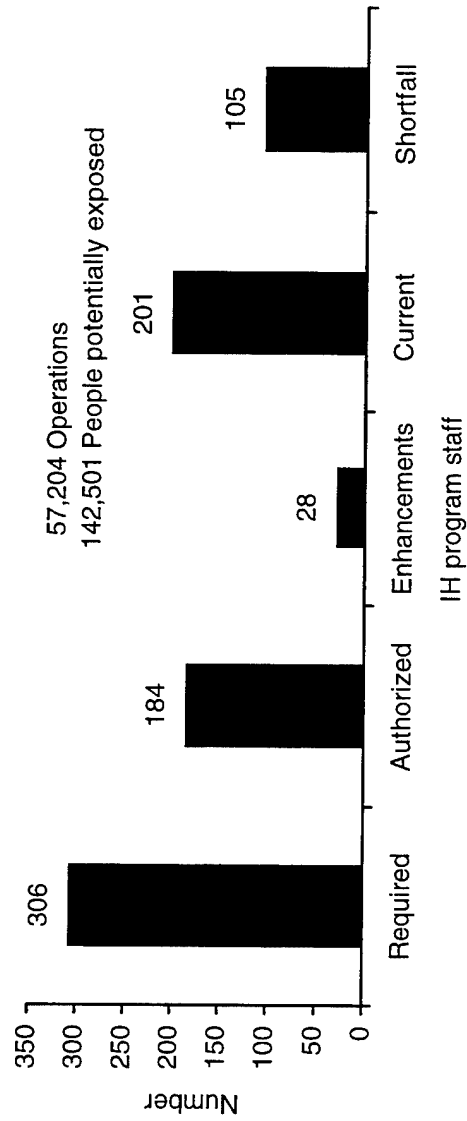


Figure H-5. Army Industrial Hygiene Program Manpower Summary

Table H-6. Army Industrial Hygiene Program Budget

Year	Budget status code	Required budget (\$1,000)	Requested budget (\$1,000)	Authorized budget (\$1,000)	Budget executed ^a (\$1,000)	Shortfall (\$1,000)
1994	Red	21,210	8,136	5,514	385	20,825

^aTo be executed the budget must be tracked in AMS Code 847705.41.

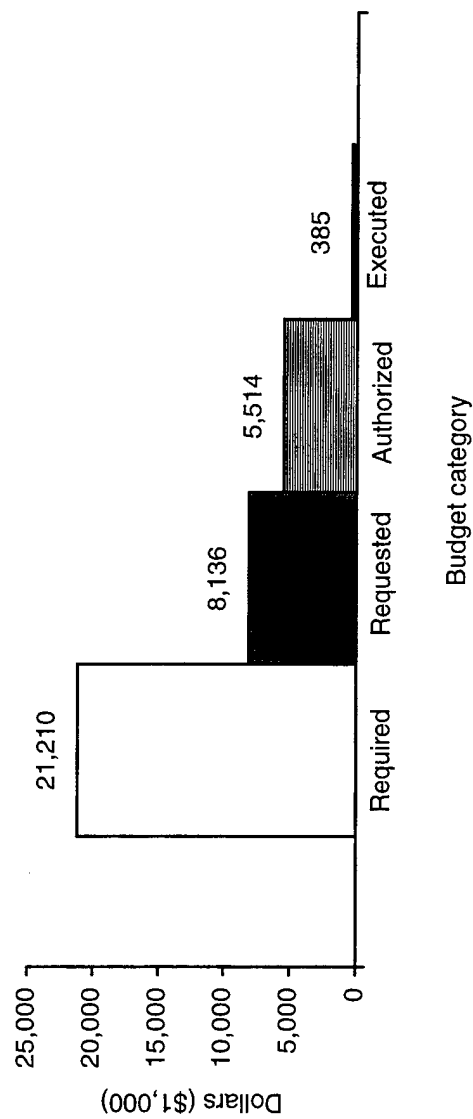


Figure H-6. Army Industrial Hygiene Program Budget

Table H-7. Army Industrial Hygiene Program Budget Elements

This information will be presented in future reports.

This information will be presented in future reports.

Figure H-7. Army Industrial Hygiene Program Budget Elements

Table H-8. Army Industrial Hygiene Program—Program Status Code Counts

Year	Number of programs coded red	Number of programs coded yellow	Number of programs coded green
1994	29	41	1

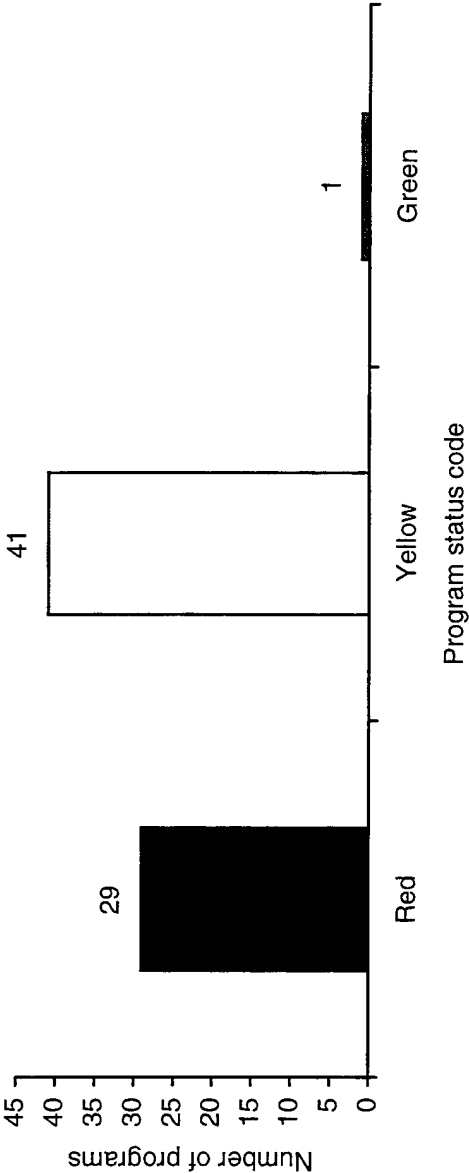


Figure H-8. Army Industrial Hygiene Program—Program Status Code Counts

Table H-9. Army Industrial Hygiene Program—Program Status Scores

Year	Summary status code	Current HHIM score	HHIM data trends score	Cost savings score	Program management status score	Manpower status score	Budget status score	Programs supported
1994	Yellow	1.4	1.6	TBD	2.1	1.9	1.1	2.1

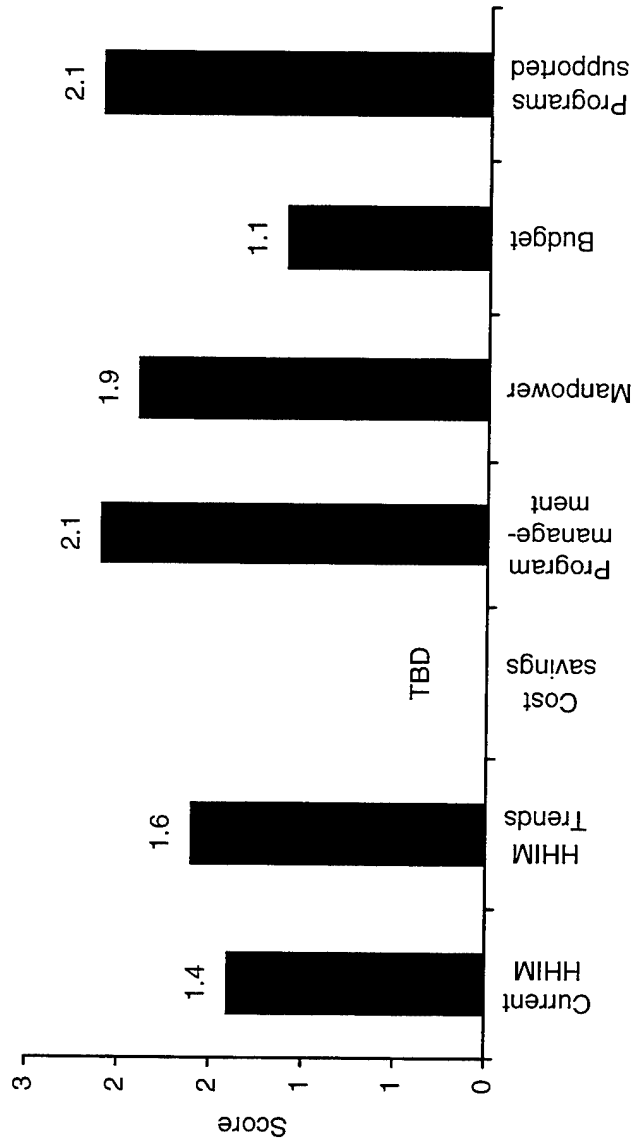


Figure H-9. Army Industrial Hygiene Program—Program Status Scores

Table H-10. Army Industrial Hygiene Program—Program Management Indicator Scores

Year	Program document	HHIM use	IHIP use	EPC use	HHIM data call	Record-keeping	Time keeping	Follow up	Hazard abatement	Staff training	Cred /priv	Facilities	Equipment	Internal audit
1994	2.4	2.2	2.5	2.2	2.2	2.1	1.6	1.8	1.9	2.2	1.5	2.5	2.5	1.6

Note: HHIM = health hazard inventory module; IHIP = industrial hygiene implementation plan; EPC = exposure potential code; cred/priv = credentialing/privileging.

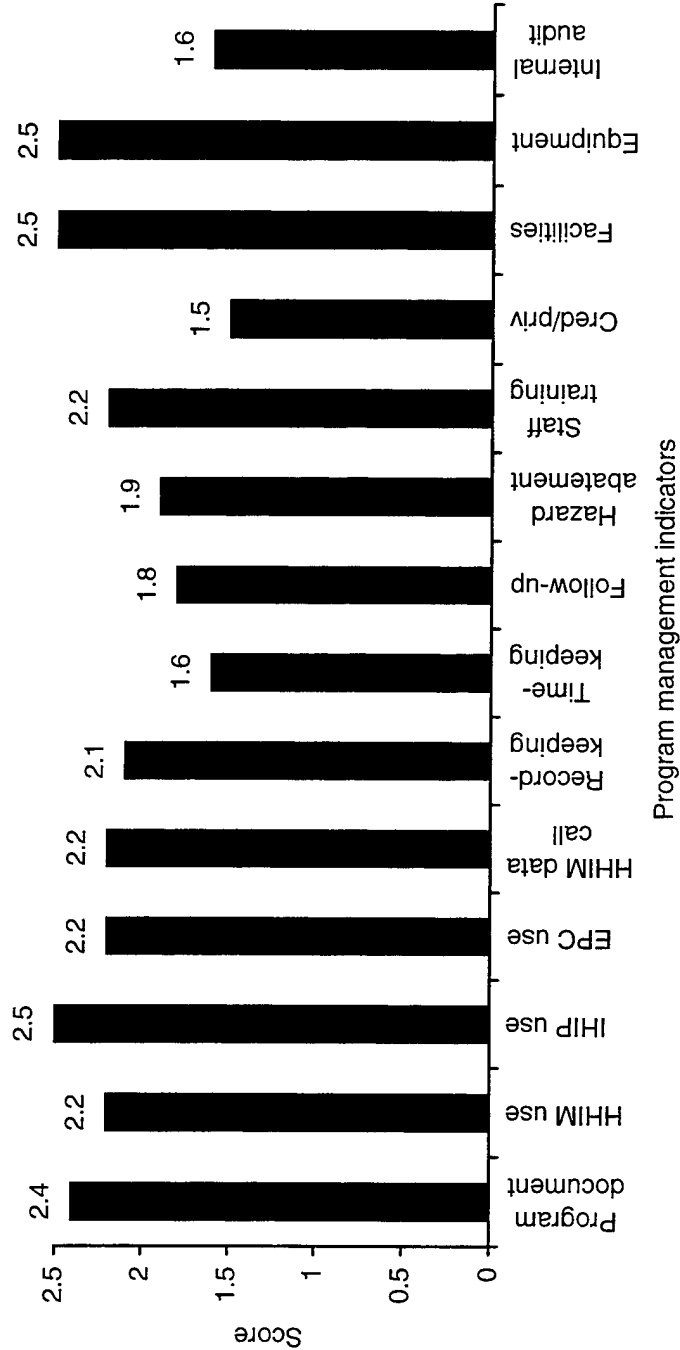


Figure H-10. Army Industrial Hygiene Program—Program Management Indicator Scores

Table H-11. Army Industrial Hygiene Program—Installation Programs Supported Indicator Scores

Year	Complaint response	OHP	HAZCOM	CRCP	RPE program	PPE program	Design review program	Ergonomics program	Biological hazards program	Confined space entry program
1994	2.1	2.3	2.1	2.1	2.3	1.9	2.2	1.7	2.0	1.9

Note: CRCP = civilian resource conservation program; PPE = personal protection equipment; HAZCOM = hazard communication program; OHP = occupational health program.

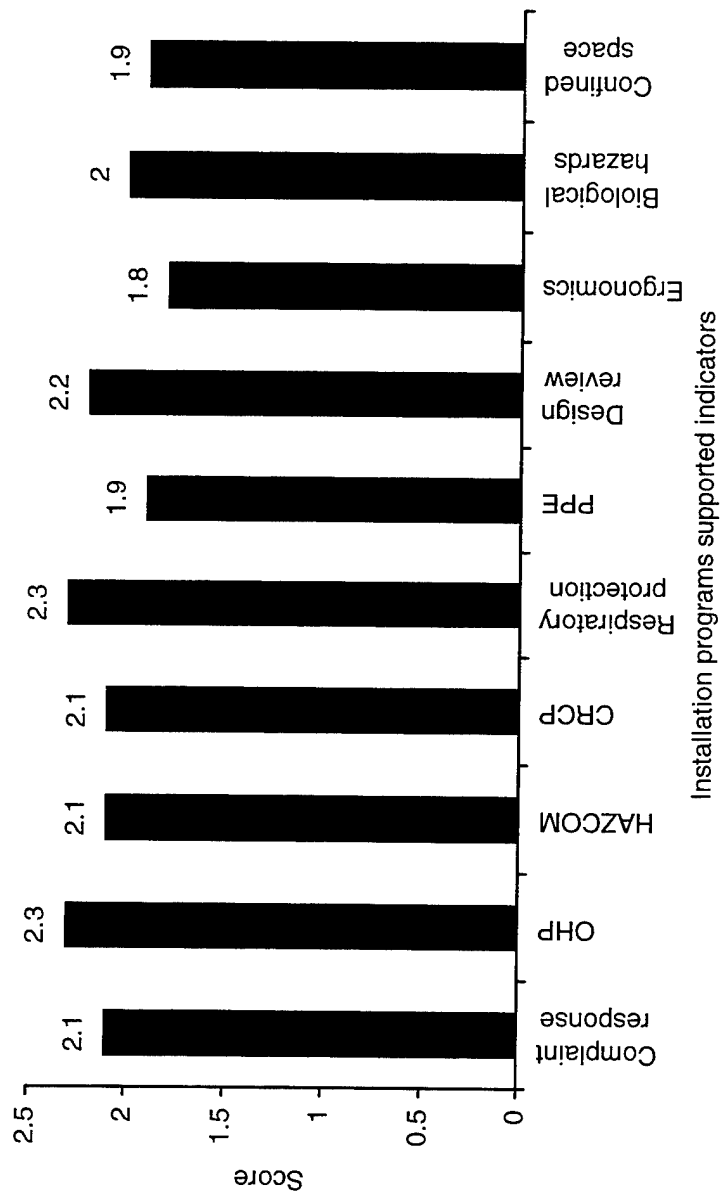


Figure H-11. Army Industrial Hygiene Program—Installation Programs Supported Indicator Scores

Table H-12. Army Industrial Hygiene Program—RPE Use

Year	Total operations	Operations where RPE is required	Operations where RPE is required but not used	Operations where RPE is used but is not required
1994	57,204	1,092	128	299

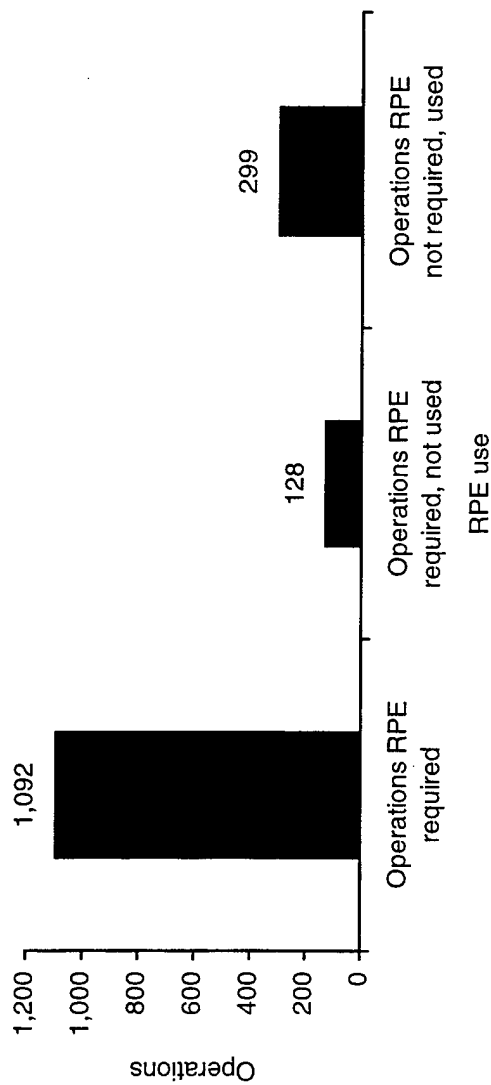


Figure H-12. Army Industrial Hygiene Program—RPE Use

Table H-13. Army Industrial Hygiene Program—RPE Use Trends

Year	Total operations	Operations where RPE is required	Operations where RPE is required but not used	Operations where RPE is used but is not required
1992	34,860	1,715	325	553
1993	48,328	1,526	156	398
1994	57,204	1,092	128	299

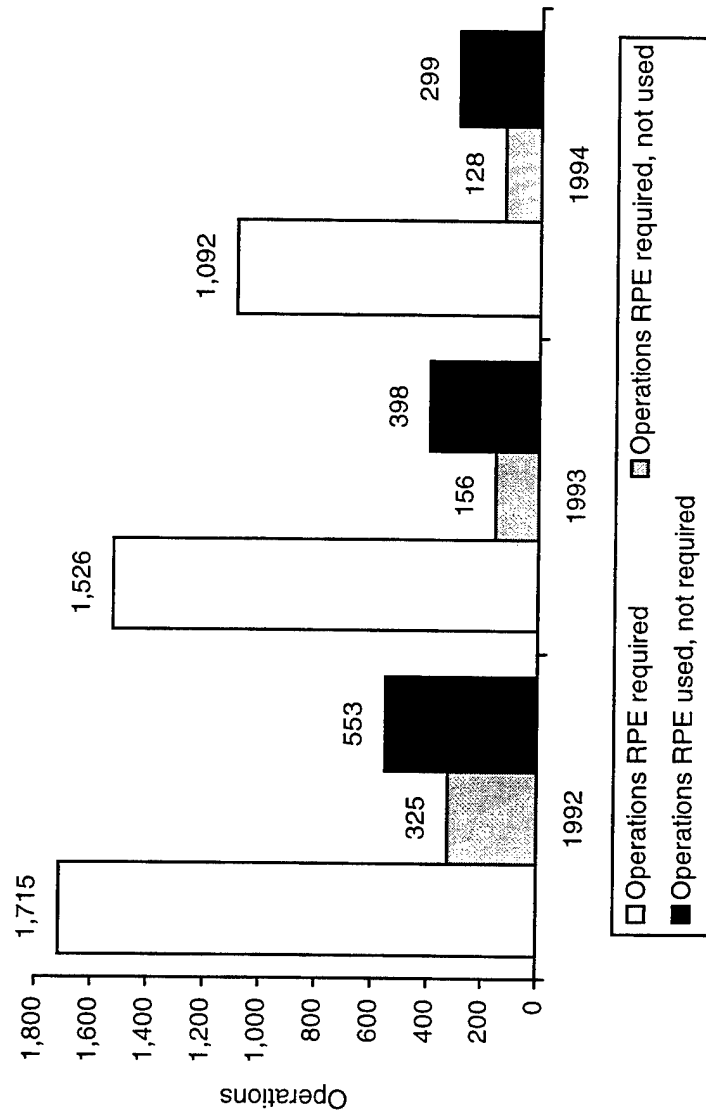


Figure H-13. Army Industrial Hygiene Program—RPE Use Trends

Table H-14. Army Industrial Hygiene Program Workload Trends—Operations by RAC

Year	Total oprs.	People pot. exp.	RAC 1/2 oprs.	People pot. exp.	RAC 3 oprs.	People pot. exp.	RAC 4/5 oprs.	People pot. exp.	RAC 0 oprs.	People pot. exp.
1992	34,860	90,900	1,575	12,098	9,595	59,325	14,204	149,154	9,482	60,378
1993	48,328	119,248	2,163	14,974	12,609	88,832	19,457	210,200	14,092	86,333
1994	57,204	142,501	2,494	16,458	14,953	118,424	23,253	248,435	16,495	99,769

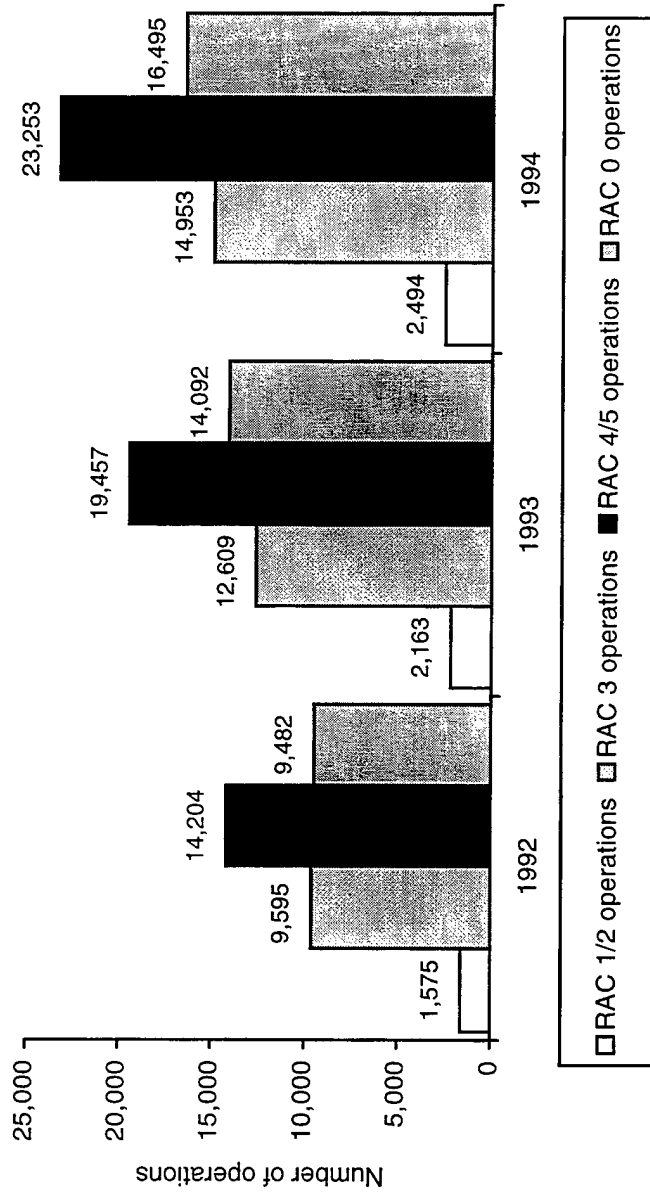


Figure H-14. Army Industrial Hygiene Program Workload Trends—Operations by RAC

Table H-15. Army Industrial Hygiene Program Workload Trends—Operations Evaluated and Sampled

Year	Total oprs.	People pot. exp.	Oprs. eval.	Oprs. sam.	RAC 0 oprs.	RAC 0 eval.	RAC 0 sam.	RAC 1/2 oprs.	RAC 1/2 eval.	RAC 1/2 sam.	RAC 3 oprs.	RAC 3 eval.	RAC 3 sam.	RAC 4/5 oprs.	RAC 4/5 eval.	RAC 4/5 sam.
1992	34,860	90,900	16,800	754	9,482	4,206	65	1,575	923	44	9,595	4,853	252	14,204	6,816	307
1993	48,328	119,248	18,125	545	14,092	5,471	63	2,163	802	33	12,609	4,636	207	19,457	7,210	178
1994	57,204	142,501	14,225	385	16,495	3,412	78	2,494	431	28	14,953	3,845	108	23,253	6,535	113

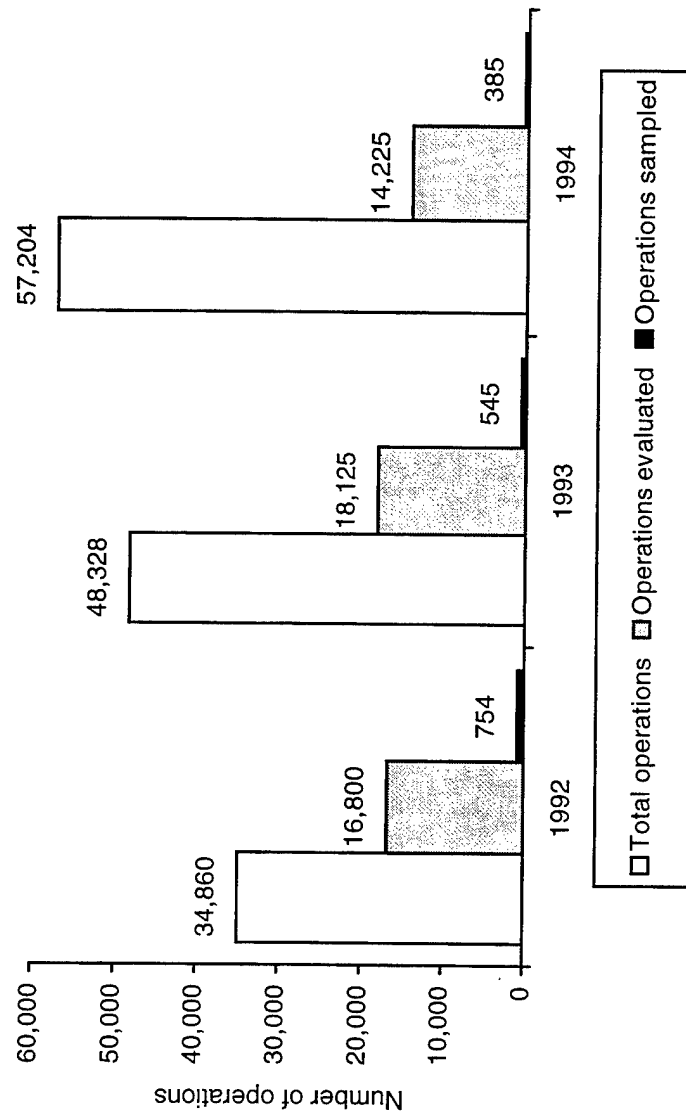


Figure H-15. Army Industrial Hygiene Program Workload Trends—Operations Evaluated and Sampled

Table H-16. Army Industrial Hygiene Program Workload Trends—Exposures versus Standards

Year	Total operations	People potentially exposed	Operations evaluated	Operations sampled	Operations exposure > AL	People exposed > AL	Operations exposure > Std	People exposed > Std
1992	34,860	90,900	16,800	754	86	784	TBD	TBD
1993	48,328	119,000	18,125	545	71	831	TBD	TBD
1994	57,204	142,501	14,225	385	52	482	TBD	TBD

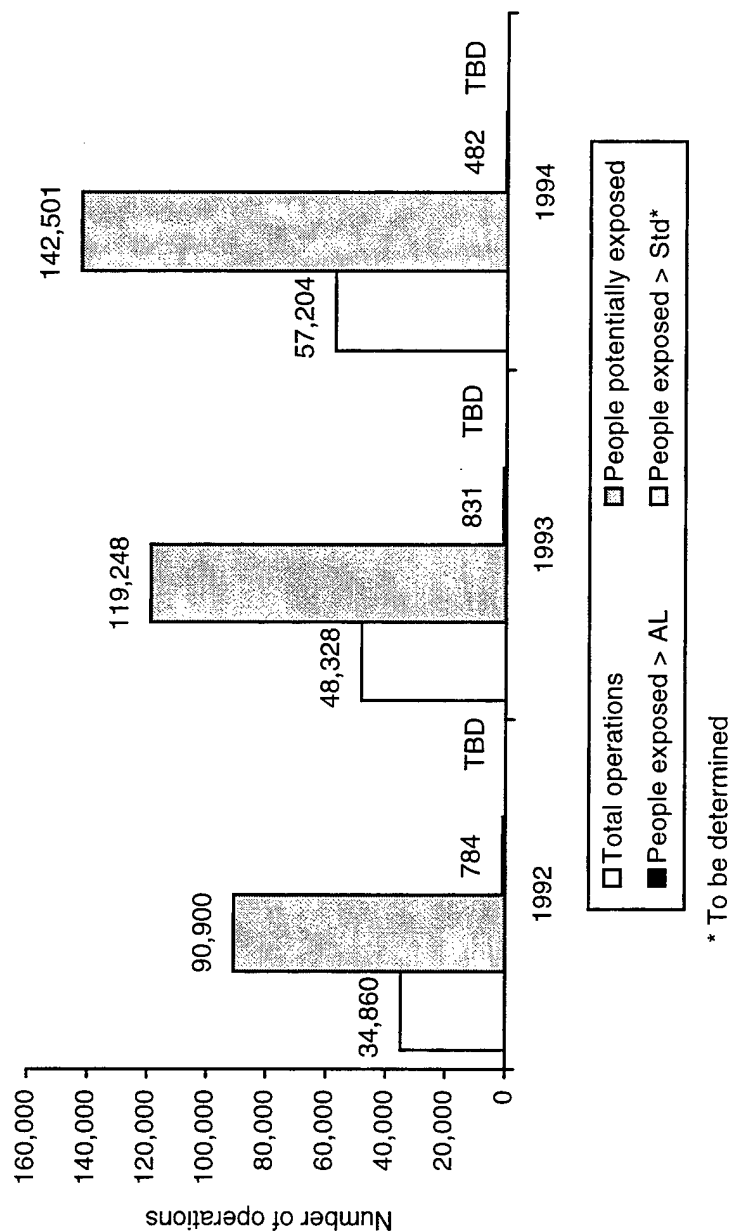


Figure H-16. Army Industrial Hygiene Program Workload Trends—Exposures versus Standards

Appendix I

ARMY INDUSTRIAL HYGIENE PROGRAM LISTING BY ARMY LOCATION CODE

Overview

This appendix presents a listing of Army installations by Army location code grouped under the installation that provides industrial hygiene support to the installation. The supporting installations are in turn grouped by health services support area (HSSA).

Army Industrial Hygiene Program Listing by Army Location Code

HSSA: Europe

Table I-1. ARLOC Group: 104th ASG, (GE31F, Giessen General Depot)

ARLOC	Installation name	ARLOC	Installation name
GE04H	Aachaffenburg Family Housing	GE26N	Flieghorst Airfield Kaserne
GE04L	Aachaffenburg Training Areas	GE27A	Francois Kaserne
GE017	Army Guide Publications and Training Aids Center	GE25L	Frankfurt Armed Forces Network Station
GE03F	Alvin York Family Village	GE27N	Friedberg Training and Storage Area
GE03R	Argonner Kaserne	GE73F	Geinhausen Training Area
GE03T	Armstrong Village Family Housing	GE29W	George C. Marshall Village Family Housing
GE04X	Ayers Kaserne	GE29X	George Gershwin Family Housing
GE05H	Babenhausen Family Housing	GE31A	Giessen Ammunition Area
GE05G	Babenhausen Kaserne	GE31B	Giessen Class 1 Point
GE08R	Bensheim-Auerbach Labor Service Camp	GE31D	Giessen Community Facility
GE08B	Betts Village Housing	GE31C	Giessen Community Facility
GE11J	Buedigen Airfield	GE31F	Giessen General Depot
GE11H	Buedigen Ammunition Area	GE31J	Giessen Training Area
GE12D	Butzbach Training Area and Range	GE31V	Griesheim Airfield
GE13E	Cambrai-Fritsch Kaserne	GE31X	Grossauheim Kaserne
GE13V	Campo Pond Training Area	GE35T	Hommertshausen Girl Scout Camp
GE12H	Cardwell Village Family Housing	GE38R	Hutier Kaserne
GE13P	Coleman Village Family Housing	GE416	Jaeger Barracks
GE15P	Darmstadt Career Center	GE41J	Jefferson Village Family Housing
GE15R	Dautphe Boy Scout Camp	GE41M	John F. Dulles Village Family Housing
GE19R	Egelsbach Transmitter Facility	GE44E	Kelly Barracks
GE23F	Ernst Ludwig Kaserne	GE47D	Kransberg Facilities
GE25K	Flensungen Forward Storage Area	GE476	Lamboy Training Area
GE50T	Lincoln Village Family Housing	GE67M	Pioneer Village Family Housing
GE52J	Marburg General Storage Facility	GE70S	Ray Barracks
GE54D	McArthur Place Family Housing	GE72Y	Roman Way Village Family Housing

*Table I-1. ARLOC Group: 104th ASG, (GE31F, Giessen General Depot)
(Continued)*

ARLOC	Installation name	ARLOC	Installation name
GE55D	Messel Smalls Arms Range	GE73H	Rothweatern Technical Operations Facility
GE56F	Mt Meissner Radio Relay Station	GE79T	St Barbara Village Family Housing
GE57D	Nathan Hale Quartermaster Area	GE840	Triergarten Kaserne
GE58H	New Argonner Family Housing	GE99J	Wolfgang Kaserne
GE66L	Pendleton Barracks	GE972	Yorkhof Kaserne
GE67F	Pioneer Kaserne		

Table I-2. ARLOC Group: 53rd ASG, (GE06B, Bad Kreuznach Airfield)

ARLOC	Installation name	ARLOC	Installation name
GE03B	Amelia Earhart Hotel	GE37L	Hoppstaedten Waterworks
GE03C	American Arms Hotel	GE39D	Idar Oberstein Family Housing
GE03N	Anderson Barracks	GE43O	Kastel Housing Area
GE04B	Aukamn Housing Area	GE43S	Mainz-Kastel Station
GE06B	Bad Dreuznach Airfield	GE54F	Mccully Barracks
GE05S	Bad Dreuznach Hospital	GE55P	Moersfeld Storage Point
GE05R	Bad Kreuznach Family Housing	GE57A	Nahbollenback Storage Area
GE07G	Baumholder Airfield	GE57V	Nrebruecke Hospital
GE07K	Baumholder Family Housing	GE66P	Pfeffelbah Waterworks
GE07L	Baumholder Hospital	GE72L	Rheinblick Recreation Annex (Golf)
GE07N	Baumholder Quartermaster Area	GE72E	Rheingrafenstein Training and Storage Area
GE08F	Birkenfeld Housing Facilities	GE73C	Rose Barracks
GE14F	Camp Oppenheim Training Area	GE79D	Smith Barracks
GE14S	Crestview Housing Area	GE81J	Strassburg Kaserne
GE15W	Dexheim Family Housing	GE875	Uhlerborn Housing Area
GE15X	Dexheim Missile Facility	GE93C	Wackernhm-Schwabenwaeldchen
GE25F	Dintherlandstr Family Housing	GE94D	Wetzel Family Housing
GE17G	Dr. Martin Luther King Village (Gas Station)	GE94E	Wetzel Kaserne

Army Industrial Hygiene Program Listing by Army Location Code

*Table I-2. ARLOC Group: 53rd ASG, (GE06B, Bad Kreuznach Airfield)
(Continued)*

ARLOC	Installation name	ARLOC	Installation name
GE25C	Finthen Airfield	GE93Q	Wiesbaden Air Base
GE52N	George C. Marshall Kaserne	GE93R	Wiesbaden Small Arms Range
GE33D	Hainerberg Housing and Shopping Center	GE93S	Wiesbaden Service Annex
GE37J	Hoppstaedten Sewage Treatment Plant		

Table I-3. ARLOC Group: 80th ASG, (BE135, Brussels)

ARLOC	Installation name	ARLOC	Installation name
GE096	Bonn	NL368	Hendrik Mine
GE106	Bremerhaven	GE34V	Herongen Storage Area
NL126	Brunssum Pomms	BE383	Kleine Brogel
BE135	Brussels	DA482	Kolding
BE173	Chateau Gendesien	LU539	Luxembourg
BE212	Chievres	GE55Z	Moenchengladbach
BE215	Chievres Air Base	BE381	Olen Storage Facility
NL129	Coevorden	NL744	Rotterdam
NL128	Coevorden Pomms	NL743	Rotterdam Administrative Facility
DA197	Copenhagen	NL749	Schinnen
BE724	Daumerie Caserne	NL748	Schinnen Emma Mine
BE225	Everberg Armed Forces Network Facility	BE770	Shape Headquarters
NL300	Eygelshoven Reserve Storage Area	BE828	Sterrebeek Dependent School
BE260	Flobecq	NL825	Tapijn Kaserne
FR308	Fontainebleau	NL830	Ter Apel Pomms (Vlagtwedde)
GE32E	Grefrath	NL895	Vriezenveen Pomms (Almelo)
GE31L	Grefrath Kaserne	GE95Q	Windberg Barracks
BE367	Grobbendonk Site	BE986	Zutendaal Site

Table I-4. ARLOC Group: 22nd ASG, (IT530, Livorno Training Area)

ARLOC	Installation name	ARLOC	Installation name
IT071	Aviani Air Base	IT685	Pisa Ammunition Storage Area
IT219	Camp Darby	IT689	San Gottardo Signal Site
IT240	Caserma Ederle	IT871	Tirrenia Recreation Area
ML102	Collesalveti Housing Area	ML340	Town of Torridi Q
IT192	Coltano Troposcatter Site	ML344	Town of Vincenza
ML100	Livorno Housing Area	ML343	Town of Zane
IT528	Livorno Supply and Maintenance Area	IT760	Verona Riverside School
IT530	Livorno Training Area	IT941	Vicenza Basic Load Storage Area
IT542	Longare Communication Site	IT942	Vicenza Family Housing Area

Table I-5. ARLOC Group: 26th & 6th ASG, (GE34J, DEH Heidelberg)

ARLOC	Installation name	ARLOC	Installation name
GE19B	Army Airfield Echterdingen, Stuttgart	GE34G	Nachrichtern Kaserne
GE04P	Artillery Kaserne	GE643	Panzer Kaserne, Stuttgart
GE07P	Benjamin Franklin Village	GE656	Patch Barracks, Stuttgart
GE12F	Campbell Barracks	GE654	Patrick Henry Village Dental Clinic
GE140	Coleman Barracks	GE658	Pattion Barracks
GE34J	Deh Heidelberg	GE04R	Quartermaster Kaserne
GE19P	Edingen Radio Relay Facility	GE72T	Robinson Barracks (Rob), Stuttgart
GE27S	Friedrichsfeld Quartermaster Service Center	GE77L	Sheridan Kaserne
GE28T	Funari Barracks	GE79R	Spinelli Barracks
GE30J	Germersheim Army Depot	GE76P	Stem Kaserne
GE34F	Golf Course	GE82J	Sullivan Barracks
GE35E	Heidelberg Airfield	GE83C	Taylor Barracks
GE44F	Kelley Barracks, Stuttgart	GE846	Tompkins Barracks
GE46F	Koenigstuhl Radio Relay	GE856	Turley Barracks

Table I-6. ARLOC Group: 100th ASG, (GE31P, Grafenwoehr Training Area)

ARLOC	Installation name	ARLOC	Installation name
GE186	East Camp Grafenwoehr	GE36L	Hohenfels Training Area
GE31P	Grafenwoehr Training Area	GE79L	South Camp Vilseck

Army Industrial Hygiene Program Listing by Army Location Code

Table I-7. ARLOC Group: 415th BSB, (GE426, Kaiserslautern Army Depot)

ARLOC	Installation name	ARLOC	Installation name
GE10V	Breitenwald Training Area	GE48R	Landstuhl Hospital
GE427	Corn Facility K-Town East	GE48P	Landstuhl Hospital Heliport
GE15E	Daenner Kaserne	GE55J	Miesau Depot
GE15G	Daenner Kaserne Post Chapel	GE616	Oberauerbach Missile Station
ML718	Defense Region Marketing Office	GE4642	Panzer Kaserne
GE238	Eselsfuertth Quartermaster Facility	GE668	Pirmasens
GE38P	Husterhoeh	GE686	Pulaski Barracks
GE426	Kaiserslautern Army Depot	GE35K	Radio Relay
GE428	Kaiserslautern Equipment Support Center	GE72N	Rhine Ordnance Barracks
GE45P	Kleber Kaserne		

Table I-8. ARLOC Group: 98th ASG, (GE96X, Wuerzburg Facility)

ARLOC	Installation name	ARLOC	Installation name
GE96W	67th Combat Support Hospital	GE45L	Kitzingen Training Area
GE033	Asken Manors	GE48Z	Larson
GE05D	Bad Kissigen Training Area	GE49R	Ledward Barracks Schweinfurt
GE15D	Bad Kissingen Housing	GE50F	Leighton
GE92T	Bamberg Commissary	GE56R	Muna Kaserne Bamberg
GE92S	Bamberg Housing	GE66J	Peden Barracks
GE45J	Bop Kitzingen	GE76H	Schweinfurt Training Area
GE13K	Conn Barracks Schweinfurt	GE81A	Stork
GE15C	Daley Barracks, Bad Kissingen	GE05E	SWF Conn
GE25G	Faulenberg	GE92P	Warner Barracks Bamberg
GE30T	Gieb	GE96Z	Wuerzburg Defense Facility
GE30R	Gieb American Youth Activity Camp	GE96X	Wuerzburg Facility
GE33V	Harvey Barracks Kitzingen	GE96Y	Wuerzburg Tactical Supply Point
GE43T	Katterbach	GE95P	Wuerzburg Training Area
GE45K	Kitz Housing		

Table I-9. ARLOC Group: GE48R, Landstuhl Hospital

ARLOC group	ARLOC	Installation name
GE48R	GE48R	Landstuhl Hospital
	GE45P	Kleiber Kaserne
	GE058	Bad Kreuznach Hospital
	GE 07L	Baumholder Hospital
	GE93Q	Wiesbaden Air Base
	GE92A	Wackernheim Missile Facility
	ML010	SHAPE Hospital
	ML682	Brussels Health Clinic
	IT219	Camp Darby
	IT240	Caserma Ederle
	BE215	Chievres Air Base
	AG621	Spangdahlem Air Base
	AG624	Steinbach Air Base
	AG601	Ramstein Air Base

Table I-10. ARLOC Group: GE34G, Heidelberg Hospital

ARLOC group	ARLOC	Installation name
GE34G	GE34G	Heidelberg Hospital
	GE07P	Benjamin Franklin Village
	GE140	Coleman Barracks
	GE654	Patrick Henry Village
	GE13E	Cambrai Fritsch Kaserne
	GE03T	Armstrong Barracks
	GE66L	Pendelton Barracks
	GE72Y	Roman Way Village, Butzbach
	GE03R	Argonner Kaserne
	GE04X	Ayers Kaserne, Kirchgoens

Table I-11. ARLOC Group: GE96W, Wuerzburg Hospital

ARLOC group	ARLOC	Installation name
GE96W	GE96W	Wuerzburg Hospital
	TBD	TBD

Army Industrial Hygiene Program Listing by Army Location Code

Table I-12. HSSA: Pacific

ARLOC group	ARLOC	Installation name
KS976	KS976	Yong San
	KS141	Camp Coiner
	KS918	Camp Walker
	KS134	Camp Wm. H. Colbern
	KS297	KS297
	KS709	KS709
	KS665	Seoul Fede Compound
	KS816	Tango
KS054	KS054	Camp Carroll
	KS196	Camp Henry
	KS06M	Chinhae
	KS199	Hialeah Compound
	KS584	KS584
	KS585	KS585
KS041	KS041	Camp Casey
	KS149	Camp Greaves
	KS194	Camp Hovey
	KS197	Camp Howze
	KS390	Camp Long
	KS533	Camp Page
	KS540	Camp Pelham
	KS599	Camp Red Cloud
	KS712	Camp Stanley
KS208	KS157	KS157
	KS208	Camp Humphrey
JA998	KS298	KS298
	JA998	Camp Zama
	JA37A	Camp Kuwae Okinawa
	JA060	Chibana Compound Okinawa
	JA295	Kawakami Army Depot
	JA362	Kure
	JA50A	Okinawa Island
	JA607	Sagami General Depot
	JA606	Sagamihara Dependent Housing
	JA857	Tokyo Stars And Stripes Printing
	JA87A	Torri Station
	JA947	Yokohama North Dock
15884	15884	Tripler Army Medical Center
	15788	Ft. Shafter
	15627	Oahu HI

Table I-12. HSSA: Pacific (Continued)

ARLOC group	ARLOC	Installation name
	15776	Schofield Barracks
	15964	Wheeler Air Force Base

Table I-13. HSSA: North Atlantic

ARLOC group	ARLOC	Installation name
24004	24004	Aberdeen Proving Ground Aberdeen Area
24255	24255	Aberdeen Proving Ground Edgewood Area
11381	11381	Army Research Laboratory (Adelphi)
21506	21506	Bluegrass Army Depot
42116	42116	Carlisle Barracks
51062	51062	Ft. Belvoir
	51389	Ft. AP Hill
37099	37099	Ft. Bragg
	37840	Sunny Point Military Ocean Terminal
24226	24226	Ft. Detrick
36216	36216	Ft. Drum
	36794	Seneca Army Depot
51281	51281	Ft. Eustis
	51585	Ft. Monroe
	51849	Ft. Story
24571	24571	Ft. George G. Meade
	42394	Ft. Indian Town Gap
	24745	Ft. Richie
21478	21478	Ft. Knox
	51743	Defense General Supply Center, Richmond
	18351	Ft. Benjamin Harrison
	21505	Lexington Kentucky
	21725	Richmond Kentucky
51484	26612	Tank-Automotive Command Support Activity Selfridge
	51484	Ft. Lee
34558	51693	Ft. Pickett
	34558	Ft. Monmouth
	34056	Bayonne Military Ocean Terminal
	34201	Ft. Dix
42461	36352	Ft. Hamilton
	42461	Letterkenny Army Depot
42598	42598	New Cumberland Army Depot
34693	34693	Picatinny Arsenal
42877	42877	Tobyhanna Army Depot

Army Industrial Hygiene Program Listing by Army Location Code

Table I-13. HSSA: North Atlantic (Continued)

ARLOC group	ARLOC	Installation name
51925	51925	Vint Hill Farms Station
11933	11933	Walter Reed MEDCEN
	51016	Army Medical Center Building
	11381	Army research laboratory-Harry Diamond Laboratorys
	51030	Arlington Hall Station
	51130	Cameron Station
	11000	District of Columbia
	11935	Defense Mapping Agency (Washington, D.C.)
	11564	Ft. McNair
	51602	Ft. Myer
	51978	Pentagon
	13048	Security Support Activity (AMC) Ft. Gillem
36939	36939	Watervliet Arsenal
36953	36953	West Point Military Reservation

Table I-14. HSSA: Northwest

ARLOC group	ARLOC	Installation name
53456	53456	Ft. Lewis
	53985	Yakima Firing Center
02955	02955	Ft. Wainwright
	02347	Ft. Greely
	02736	Ft. Richardson
06581	06581	Presidio of Monterey
	06673	Camp Parks
	06747	Camp Roberts
	06398	Ft. Hunter Leggitt
	32350	Hawthorne Army Depot
	06626	Oakland Army Base
	06776	Presidio of San Francisco
06821	06821	Sierra Army Depot

Table I-15. HSSA: South Central

ARLOC group	ARLOC	Installation name
48188	48188	Corpus Christi Army Depot
49191	49191	Dugway Proving Ground
08297	08297	Fitzsimmons Army Medical Center
	08760	Rocky Mountain Arsenal
08135	08135	Ft. Carson
	08728	Pueblo Army Depot Activity
48369	48396	Ft. Hood
20491	20491	Ft. Leavenworth
29977	29977	Ft. Leonard Wood
55533	55533	Ft. McCoy
22722	22722	Ft. Polk
20736	20736	Ft. Riley
48399	48399	Ft. Sam Houston
	48115	Camp Bullis
	48841	Camp Stanley Storage Activity
40801	40801	Ft. Sill
	05170	Ft. Chaffee
PM202	PM202	Gorgas U.S.A. Community Hospital, Corozal, Puerto Rico
	PM082	Balboa Heights, Puerto Rico
	PM196	Coco Solo, Puerto Rico
	PM212	Curundu, Puerto Rico
	PM037	Ft. Amador, Puerto Rico
	PM189	Ft. Clayton, Puerto Rico
	PM357	Ft. Gulick
	PM790	Ft. Sherman
	PM220	Ft. William Davis
	PM719	Quarry Heights, Puerto Rico
	PM745	Rodman Naval Air Station
40549	40549	McAlester Army Ammunition Plant
05698	05698	Pine Bluff Arsenal
17755	17755	Rock Island Arsenal
	17800	Savanna Army Depot
49878	49878	Tooele Army Depot
01035	01035	Anniston Army Depot
	01567	Ft. McClellan
13077	13077	Ft. Benning
RQ137	RQ137	Ft. Buchanan
	RQ000	Puerto Rico

Army Industrial Hygiene Program Listing by Army Location Code

Table I-15. HSSA: South Central (Continued)

ARLOC group	ARLOC	Installation name
21128	21128	Ft. Campbell
13355	13355	Ft. Gordon
	13567	Ft. McPherson
45404	45404	Ft. Jackson
01767	01767	Ft. Rucker
13834	13834	Ft. Stewart
	13424	Hunter Army Airfield
01750	01750	Redstone Arsenal

Table I-16. HSSA: Southwest

ARLOC group	ARLOC	Installation name
48083	48083	Ft. Bliss
04289	04289	Ft. Huachuca
06419	06419	Ft. Irwin
35970	35970	White Sands Missile Range

Appendix J

GLOSSARY

Glossary

AD	Army Depot
ADM	Administrative
AL	Action Level
AMC	Army Materiel Command
AMSCO	Army Management System Code
AR	Army Regulation
ARDEC	Army Research Development and Engineering Center
ARL	Army Research Laboratory
ARLOC	Army Location Code
ASAP	Army Strategic Action Plan
BBP	Bloodborne Pathogen
CIH	Certified Industrial Hygienist
CoS	Chief of Staff
CRCP	Civilian Resource Conservation Program
DA	Department of the Army
DA PAM	Department of the Army Pamphlet
EPC	exposure potential code
FECA	Federal Employees Compensation Act
HHIM	health hazards information module
HSSA	Health Service Support Area
I&I Team	Industrial Hygiene Improvement and Integration Team
IH	industrial hygiene
IHP	Industrial Hygiene Program
IHIP	Industrial Hygiene Implementation Plan
IHPM	industrial hygiene program manager
MACOM	Major Command
MEDCOM	United States Army Medical Command
MSDS	material safety data sheets
OHMIS	Occupational Health Management Information System
OHP	Occupational Health Program

Opr	Operation
ORF	Occupational Risk Factor
OSH	Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
OTSG	Office of the Surgeon General
PG	Proving Ground
POM	Program Operating Memorandum
PPE	personal protective equipment
RAC	risk assessment code
RPE	respiratory protective equipment
SASOHI	Standard Army Safety and Occupational Health Inspection
Std	Standard
TB	Tuberculosis
TB MED	Technical Bulletin Medical
TG	Technical guide
USACHPPM	U.S. Army Center for Health Promotion and Preventive Medicine
USAEHA	U.S. Army Environmental Hygiene Agency

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13. ABSTRACT (Maximum 200 words) The primary mission of the Army industrial hygiene program is to eliminate workplace health hazards when possible and control the remaining hazards at acceptable levels. This report presents an automated prototype status reporting system that provides a clear status measurement process and establishes the baseline needed to measure future program progress and contributions. The status report is divided into seven sections—current health hazards information module (HHIM) data; HHIM data trends; cost savings (to be developed); program management; installation programs supported; manpower; and budget. Each section contains the key indicators required to determine the status of the section. Each indicator in each section is scored based on criteria we developed, and these scores are summed to obtain a section score. Each section score is assigned a color code—green (good), yellow (needs improvement), and red (deficient). The section scores are weighted based upon their relative importance and then summed to obtain an overall program score. The program score is then converted to a program status code of green, yellow, or red. The status report provides the information needed to assess program workload, accomplishments, management effectiveness, and resource utilization throughout all levels of the command. Our goal is to deliver the prototype within the next year for integration into the existing Occupational Health Management Information System (OHMIS) where it will become an integral part of the HHIM. We make the following recommendations: 1) the Army provide the prototype status reporting system to the field as an Access database application and in hard copy; 2) industrial hygiene personnel at all command levels use and evaluate the prototype system over the next year and provide their suggestions for improvement; 3) the Army integrate the prototype system into the OHMIS, specifically the HHIM, once field testing is complete; 4) the Army use this status report to measure industrial hygiene program improvements; and 5) the Army use this status report as the model in developing status reporting systems for the other Army preventive medicine programs.			
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