A FACTOR-BASED EXAMINATION OF UNITED STATES NAVY HUMAN RESOURCE OFFICERS WORK ACTIVITIES BY COMMERCIAL ACTIVITY ASSIGNMENT CODES TO SOCIETY FOR HUMAN RESOURCE MANAGEMENT (SHRM) BODY OF KNOWLEDGE STANDARDS

by

Jesse Tovar

September 2006

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Submitted in partial fulfillment of the requirements for the degree of

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from the

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ABSTRACT

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Without all of your contributions, completing this project would not have been possible, thank you.
I. INTRODUCTION

A. PURPOSE AND BACKGROUND

The purpose of this research is to categorize United States Navy Human Resource officer principal work activities and analyze these in terms of industry standards as established in the Society for Human Resource Management (SHRM) body of knowledge. This comparison employs Navy corporate database commercial activity (CA) function codes drawn from the Total Force Manpower Management System (TFMMS) at the Navy Manpower Analysis Center (NAVMAC), Millington, Tennessee. These data (N=661) receive binary factor treatment and are compared to HR body of knowledge standards as defined by SHRM. The findings of this study baseline HR officer work activity assignments in terms of private sector HR career requirements.

B. SCOPE, RESEARCH QUESTIONS, AND METHODOLOGY

This thesis enumerates the work activities of HR officers and evaluates these activities in relation to activities performed by civilian HR specialists in both public and private sector HR roles. From this comparison come two research questions:

Research Questions:

1. How do Navy commercial activity (CA) function codes relate to the human resource (HR) body of knowledge standards as defined by the Society for Human Resource Management (SHRM)?

2. What are the defined and undefined work activities performed by Navy Human Resource officers?
C. ORGANIZATION OF THE THESIS

Chapter II provides a brief history and background of the Human Resource Officer Community along with an explanation of existing promotion guidelines within the community. This chapter describes the SHRM body of knowledge human resource competencies in both public and private sectors, and delineates work activity competencies in other Navy officer communities.

Chapter III includes a methodology for matching Navy CA function codes to SHRM body of knowledge standards. This chapter defines the work activities HR officers perform and relates those activities to the SHRM body of knowledge.

Chapter IV summarizes the findings from the analysis of the CA function codes with the SHRM body of knowledge.

Chapter V provides conclusions and recommendations for work activity application in the U.S. Navy HR community.
II. LITERATURE REVIEW

A. CURRENT NAVY HUMAN RESOURCES CAREER FIELD

The Human Resource (HR) Officer Community is a restricted line community that was established in October 2001 with an officer designator code of 1200. The HR officer community serves to meet a growing demand for officers who possess specialized skills in HR strategy development and the analysis of human resources. The HR community exists to provide expertise in manpower, personnel, training, and education.

The HR community does not "direct access" its officers. Officers are accessed through a lateral transfer process. A lateral transfer board convenes twice a year to select qualified individuals from other communities.¹ The typical career path for HR officers begins at the lieutenant (LT) or lieutenant commander (LCDR) level. Officers who have gained fleet experience and warfare qualification are considered to be candidates for selection. Minimum selection criteria include at least 24 months of active commissioned service and officers must be within six months of completing any obligatory service requirement in their present community. In addition, the HR community requires warfare qualification and some experience in HR activities. Once officers are laterally transferred into the HR community, they are typically assigned to an HR related assignment although; this may not always be the case. Many new accession HR officers are

sent to the Naval Postgraduate School in Monterey, California to pursue graduate study and earn a master degree and subspecialty designation in an HR related field.

The Navy Subspecialty System is an integrated manpower and personnel classification and control system that maintains the criteria for the award of service credit based on advanced education, functional training, and significant experience in various fields and disciplines.\(^2\) Common HR related subspecialties that can be earned by completing a master degree or through gained experience includes: Human Resource Management/Master of Business Administration (3000), Financial Management (3110), Manpower Systems Analysis Management (3130), Education and Training Management (3150), and Operations Research Analysis (3211).

The HR community does not follow the typical career path of unrestricted line (URL) officers. Though important in all communities in the Navy, the HR community particularly emphasizes the importance of leadership tours for its officers. It is assumed that all newly accessed officers have completed division officer and possibly department head leadership milestones. If a newly accessed officer has not completed a department head experience tour, they will be assigned to one in an HR community controlled billet. It is at this point that HR careers deviate from the unrestricted line (URL) officer career path. Instead of the typical URL commanding officer/executive officer (CO/XO) track, the HR community uses milestone billets. Milestone billets are strong,

analytically based HR billets at the lieutenant commander (LCDR) or commander (CDR) level. To fill a milestone billet, officers must be selected via an administrative board.

The Human Resource Officer Community has no community-specific training program. As a result, there is no pre-established career-learning continuum. In lieu of a Navy HR officer-learning continuum, the community has elected to use master level education and professional civilian certification as a proxy.

There are a variety of civilian and government qualifications and certifications that officers are encouraged to complete. These educational milestones and qualifications include completing graduate education; certification in the Human Resource Certification Institute (HRCI) sponsored Professional in Human Resources (PHR) or Senior Professional in Human Resources (SPHR); and qualification as a Certified Performance Technologist (CPT), which is sponsored by the International Standards for Performance Improvement (ISPI) or the American Society for Training and Development (ASTD). Completing these educational achievements and professional certifications provide a foundation for HR officers, but often, the work performed by HR officers does not necessarily mirror the content curricula of these certifications. Beyond the professional civilian certifications available, military qualifications include Joint Specialty Officer (JSO) and the Joint Professional Military Education (JPME).
B. SOCIETY FOR HUMAN RESOURCE MANAGEMENT (SHRM)

The SHRM Learning System™ is a certification preparation product used to assist in human resource professional development.³ The Learning System™ is the most widely used certification preparation product in the marketplace.⁴ It was developed by SHRM using a Society-established body of knowledge outline and the Human Resource Certification Institute (HRCI) assesses mastery of this material.⁵ Other than providing the body of knowledge outline, HRCI does not have any role in the development of the Learning System™.⁶

The Learning System™ product is developed by SHRM staff members—subject matter experts (SMEs) who are PHR or SPHR certified—an instructional development firm that includes content and software developers, legal counsel, and editing and word-processing specialists. It is updated every year in order to keep pace with changes in the HR profession.⁷

The Learning System™ consists of six areas that make up the SHRM body of knowledge. The six knowledge areas and the corresponding modules include (a) Strategic Management; (b) Workforce Planning and Employment; (c) Human Resource Development; (d) Compensation and Benefits; (e) Employee and Labor Relations; and (f) Occupational Health, Safety, and Security.⁸

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⁴ Ibid.
⁵ Ibid.
⁶ Ibid.
⁷ Ibid.
⁸ Ibid., iii.
Strategic management is defined using three areas. The first area is the processes and activities used to formulate HR objectives, practices, and policies to meet short- and long-range organizational needs and opportunities. The second area guides and leads the change process. The final area evaluates HR’s contributions to organizational effectiveness.

The Strategic Management module provides HR professionals with structure and direction on how to work effectively in today’s organizations. The contents included in this module have seven sections. These sections are listed in Table 1.

Table 1. Strategic management module sections

<table>
<thead>
<tr>
<th>Section 1-1</th>
<th>The role of human resources in organizations</th>
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<tbody>
<tr>
<td>Section 1-2</td>
<td>The strategic planning process</td>
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<td>Section 1-3</td>
<td>Scanning the external environment</td>
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<td>Section 1-4</td>
<td>Organizational structure and internal HR partners</td>
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<td>Section 1-5</td>
<td>Measuring human resources effectiveness</td>
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<td>Section 1-6</td>
<td>Ethical issues affecting human resources</td>
</tr>
<tr>
<td>Section 1-7</td>
<td>Human resource and the legislative environment</td>
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</tbody>
</table>

From Ref. SHRM Learning System™ 2005 Version Module 1

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9 (SHRM) Learning System™, 1-1.
10 Ibid.
11 Ibid.
12 Ibid.
The Workforce Planning and Employment module covers the processes of planning, developing, implementing, administering, and performing ongoing evaluation of recruiting, hiring, orientation, and organizational exit. This ensures that the workforce meets the organization’s goals and objectives.\textsuperscript{13} This module covers key legislation affecting employee rights, employee privacy, and consumer protection as well as equal employment opportunity, affirmative action programs, discrimination issues, recruitment, flexible staffing, selection, organizational exit, and employee records management.\textsuperscript{14} The contents included in this module have 12 sections. These sections are listed in Table 2.

\textsuperscript{13} (SHRM) Learning System\textsuperscript{\texttrademark}, 2-1.
\textsuperscript{14} Ibid.
Table 2. Workforce planning and employment module sections

<table>
<thead>
<tr>
<th>Section 2-1</th>
<th>Key legislation affecting employee rights</th>
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<tr>
<td>Section 2-2</td>
<td>Key legislation affecting privacy and consumer protection</td>
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<td>Section 2-3</td>
<td>Equal employment opportunity/affirmative action</td>
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<td>Section 2-4</td>
<td>Gender discrimination and harassment in the workplace</td>
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<td>Section 2-5</td>
<td>Organizational staffing requirements</td>
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<td>Section 2-6</td>
<td>Job analysis and documentation</td>
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<td>Section 2-7</td>
<td>Recruitment</td>
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<td>Section 2-8</td>
<td>Flexible staffing</td>
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<td>Section 2-9</td>
<td>Selection</td>
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<td>Section 2-10</td>
<td>Employment practices</td>
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<tr>
<td>Section 2-11</td>
<td>Organizational exit</td>
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<tr>
<td>Section 2-12</td>
<td>Employee records management</td>
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</tbody>
</table>

From Ref. SHRM Learning System™ 2005 Version Module 2

The Human Resource Development (HRD) module ensures that the skills, knowledge, abilities, and performance of the workforce meet current and future organizational and individual needs.\(^{15}\) Employee training and development, change and performance management, and the unique needs of particular employee groups are addressed through these activities and programs.\(^{16}\) This module addresses

\(^{15}\) (SHRM) Learning System™, 3-1.
\(^{16}\) Ibid.
assessment, development, implementation, and evaluation of HRD programs in three key areas. The key areas are training and development, organizational development, and career development. The contents include 11 sections. These sections are listed in Table 3.

Table 3. Human resource development module sections

<table>
<thead>
<tr>
<th>Section 3-1</th>
<th>Key legislation</th>
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<tbody>
<tr>
<td>Section 3-2</td>
<td>Human resource development and the organization</td>
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<tr>
<td>Section 3-3</td>
<td>Adult learning and motivation</td>
</tr>
<tr>
<td>Section 3-4</td>
<td>Assessment of HRD needs</td>
</tr>
<tr>
<td>Section 3-5</td>
<td>HRD program design and development</td>
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<tr>
<td>Section 3-6</td>
<td>HRD program implementation</td>
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<tr>
<td>Section 3-7</td>
<td>Evaluating HRD effectiveness</td>
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<tr>
<td>Section 3-8</td>
<td>Career development</td>
</tr>
<tr>
<td>Section 3-9</td>
<td>Developing leaders</td>
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<tr>
<td>Section 3-10</td>
<td>Organizational development initiatives</td>
</tr>
<tr>
<td>Section 3-11</td>
<td>Performance management</td>
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</tbody>
</table>

From Ref. SHRM Learning System™ 2005 Version Module 3

The Compensation and Benefits module discusses the total compensation system in terms of direct and indirect compensation. The module covers several avenues in compensation and benefit programs. They include:

\[17\] (SHRM) Learning System™, 4-1.
1. An examination of the legislation that affects compensation and benefit programs.

2. The total compensation program as it is positioned as an intrinsic part of the organization’s strategic direction. The module focuses on how HR professionals can leverage total compensation as a competitive advantage.

3. Information for HR professionals to better understand payroll functions and their vital role in the administration of compensation and benefits.

4. Specific compensation and benefit programs including compensation and benefit packages for international employees.

5. An evaluation of the total compensation system and how to communicate the benefits of that system to employees.\(^{18}\)

The contents of this module include nine sections. These sections are listed in Table 4.

\(^{18}\) (SHRM) Learning System\textsuperscript{TM}, 4-2.
Table 4. Compensation and benefits module sections

<table>
<thead>
<tr>
<th>Section 4-1</th>
<th>Key legislation</th>
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<tbody>
<tr>
<td>Section 4-2</td>
<td>Total compensation and the strategic focus of the organization</td>
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<tr>
<td>Section 4-3</td>
<td>Pay administration</td>
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<tr>
<td>Section 4-4</td>
<td>Compensation systems</td>
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<td>Section 4-5</td>
<td>Introduction to benefit programs</td>
</tr>
<tr>
<td>Section 4-6</td>
<td>Government-mandated benefits</td>
</tr>
<tr>
<td>Section 4-7</td>
<td>Voluntary benefits</td>
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<tr>
<td>Section 4-8</td>
<td>Compensation and benefit programs for international employees</td>
</tr>
<tr>
<td>Section 4-9</td>
<td>Evaluating the total compensation system and communicating it to employees</td>
</tr>
</tbody>
</table>

From Ref. SHRM Learning System™ 2005 Version Module 4

The Employee and Labor Relations module includes the processes of analyzing, developing, implementing, administering, and performing ongoing evaluation of workplace relationships between employer and employee.\(^\text{19}\) This module also includes collective bargaining processes and union relations. The content of this module includes 13 sections. These sections are listed in Table 5.

\(^{19}\) (SHRM) Learning System™, 5-1.
The Occupational Health, Safety, and Security module is the sixth and last module. Occupational Health connotes a state of wellbeing, free from illness or disease. Health management programs focus on the overall wellbeing of employees on and off the job. Safety relates to freedom from hazard, risk, or injury and the programs are focused on work-related accidents and injuries. Security is the
reduction or elimination of the risk of loss of an organization’s assets.\(^{20}\)

The Occupational Health, Safety, and Security module covers several important aspects of workplace safety, health, and security. These include:

1. The relevant laws associated with the Occupational Safety and Health Act (OSHA) and the legal issues surrounding it.
2. An explanation of how OSHA standards are applied to workplace situations.
3. An application-oriented approach to employee health and creating a safe working environment.\(^{21}\)

The contents of this module include four sections. These sections are listed in Table 6.

<table>
<thead>
<tr>
<th>Table 6. Occupational health, safety &amp; security module sections</th>
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<tbody>
<tr>
<td>Section 6-1</td>
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<td>Section 6-2</td>
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<td>Section 6-3</td>
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<tr>
<td>Section 6-4</td>
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</table>

From Ref. SHRM Learning System™ 2005 Version Module 6

C. HUMAN RESOURCE COMPETENCY

Competency management is a growing trend in HR. Competencies are grouped as skills, knowledge, self-

\(^{20}\) (SHRM) Learning System™, 6-1.
\(^{21}\) Ibid., 6-2.
concept, traits, and motives.²² It is also noted that organizations that use competencies tend to define them in their own terms—tailored to fit their own organization’s needs.²³

Competencies are used in human resource management as a way to map and measure the growth of human capital.²⁴ The HR function is an organizational resource that contributes to firm-level competitive advantage and value creation.²⁵ Core competencies may be defined as skill sets essential to the effective management of an organization.²⁶ Competencies describe capabilities that individuals must have to accomplish the organization’s mission, and can only be changed moderately without compromising the organization’s ability to operate effectively. Human resources is known as a service function, and is strategically important.²⁷

The United States Office of Personnel Management (OPM) reports that there are a number of reasons why the issue of competencies has risen to the attention of the HR community. Further, OPM reports that the following trends make the case for the establishment of an HR competency scheme:


²³ Ibid.


²⁷ Wright, 20.
1. Human resource management has undergone dramatic changes over the last five years.
2. The business of HR is changing.
3. There is growing concern over how to meet organizational needs with fewer HR professionals.
4. There are a number of competency models already in existence.\(^{28}\)

The human resource function is strategically important given its position as a service application. According to Liz Wright of the Canadian published HR Reporter, the following competencies will help drive organizational performance and shareholder value (a) ability to influence or persuade, (b) interpersonal skills, (c) technical knowledge, and (d) ability to deal with ambiguity.\(^{29}\) These competencies vary for all organizations, but they are some of the valuable competencies required depending on the needs and functions of organizations. HR competencies can be in any format depending on the organization. "The Society for Human Resource Management, the University of Michigan Ross School of Business, and the Global Consulting Alliance have identified five key competencies for HR professionals. They have prepared a toolkit to help professionals develop the skills, knowledge, and behaviors necessary to add value to their organizations."\(^{30}\) These five major categories of HR competencies are revealed by the Human Resource Competency Study research project, which was sponsored by the Executive Education Center at the University of Michigan Ross School of Business. The

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\(^{28}\) United States Office of Personnel Management, 7.

\(^{29}\) Wright, 20.

\(^{30}\) Five key HR competencies—and a toolkit to build them. HR Focus, New York: Aug 2003. Vol. 80, Iss. 8, 8.
competencies identified are (a) strategic contribution, (b) personal credibility, (c) HR deliverables, (d) business knowledge, and (e) HR technology.  

1. National Aeronautics and Space Administration (NASA)

The National Aeronautics and Space Administration (NASA) and the Department of the Navy are two of many organizations that are transforming HR talent assessment into competencies. According to NASA, competencies are aggregate knowledge, skills, and abilities and are not roles or functions. As many functions within HR are growing and expanding to meet organizational goals, the need for competency management is becoming routine in businesses across the United States.

NASA has developed the Competency Management System (CMS). The CMS is a collection of business processes and tools that are used to monitor and measure NASA’s employee knowledge base. The intended scope and use of CMS includes NASA's Strategic Human Capital Management, OneNASA/Expertise Locator, and Employee Development.

NASA's Strategic Human Capital Management utilizes CMS primarily as a workforce-planning tool that ensures the Agency and Centers have the right competencies needed for their future workforce. The necessary competencies are

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31 Five key HR competencies—and a toolkit to build them. HR Focus, New York: Aug 2003. Vol. 80, Iss. 8, 8.
34 Ibid.
enumerated for employees, and mapped to job positions and program/projects.\textsuperscript{35} OneNASA/Expertise Locator allows CMS to provide employees, supervisors, project managers, functional offices, mission area management, and senior leadership with the capability to locate expertise in the Agency’s workforce. This system provides insight into the Agency’s corporate knowledge base.\textsuperscript{36} Employee development utilizes CMS to provide employees and supervisors with an additional avenue to determine knowledge areas that could be strengthened when comparing employees’ current competencies to position requirements. NASA analyzes the results of the comparison so that it can provide management with information to guide developmental activities that enhance employees’ capabilities.\textsuperscript{37}

Employees, functional communities, subject matter experts, and stakeholders are asked to review the competency dictionary and “recommend changes in accordance with the guidelines outlined in Competency Dictionary Revision 6 Guidelines, provided these meet the intended scope and use of the Competency Management System.”\textsuperscript{38}

NASA’s competency framework consists of (a) a corporate knowledge domain, which is the top level and represents the Agency’s major corporate knowledge areas; (b) competency suites—the next level intended to represent a suite of competencies that are related in subject matter, share a common subject area, or are grouped together


\textsuperscript{36} Ibid.

\textsuperscript{37} Ibid.

\textsuperscript{38} Ibid.
because they align to one of the agency’s lines of business; (c) level 1 competencies are used for Agency workforce planning where the need to identify the breadth of knowledge to accomplish the Agency’s mission is defined; and (d) level 2 competencies, which provide a greater level of detail and can be used to provide more precise data for workforce planning.\textsuperscript{39}

The process description for NASA is broken down into three phases. Phase one is a dictionary review and collection of recommendations. Phase two is a functional review and content approval. Phase three is a dictionary release and data update. The new dictionary is released for use at the beginning of NASA’s fiscal year.\textsuperscript{40}

2. Department of the Navy Civilian Human Resources (DONHR)

The Department of the Navy Civilian Human Resources (DONHR) is responsible for ensuring that the Navy has the right people in the right place at the right time.\textsuperscript{41} The DONHR is applying people management skills as well as techniques and policies to ensure success to the organization. Two specialist groups that are members of the Navy's civilian HR community are Human Resource Specialists and Equal Opportunity Specialists. These experts require specialized knowledge in management principles and consultative and customer service skills.

\textsuperscript{39} National Aeronautics and Space Administration, Competency Dictionary Revision 6 Guidelines, NASA Competency Management System (CMS), “Officer of Human Capital Management.” Revision 2. CMS-DOC-12, 26 May 2005, 4-5.

\textsuperscript{40} Ibid., 10.

\textsuperscript{41} Department of the Navy, Office of the Deputy Assistant Secretary of the Navy for Civilian Human Resource website: http://www.donhr.navy.mil.
The major services that this community provides to the DON include (a) human capital strategies, (b) recruitment, (c) classification, (d) employee benefits, (e) performance management, (f) employee and labor relations, and (g) employee management software.42

To be able to succeed, workers in the civilian HR community need to work closely with people of several other communities including (a) administration, (b) education and training, (c) information technology/information management (IT/IM), and (d) community support. It is likely that human resource workers will have common competencies with those workers of the other communities.

Several different career levels for human resource workers exist. The first level is entry to full performance level employee. The second level consists of senior specialist and mentor, team leader, project leader, or supervisor. The third level consists of duty as a command specialist, technical expert, program manager, supervisor, or command liaison for joint activities. The fourth level consists of senior program manager, division/department manager, or agency expert. Each civilian community determines the titles and functional requirements that are to be included in each level of progression. Grades and pay levels within each progression level also vary because of pay banding, locality pay, and the federal career ladder.43 Table 7 shows the job series and title with a brief description of DON human resource communities.

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43 Ibid.
<table>
<thead>
<tr>
<th>JOB SERIES AND TITLE</th>
<th>BRIEF DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS-201: Human Resource Management Series</td>
<td>Administrative positions that manage, supervise, administer, advise on, or deliver human resource management products or services. This series includes, but is not limited to, the following specialties (a) information systems, (b) military, (c) classification, (d) compensation, (e) recruitment and/or placement, (f) employee benefits, (g) HR development, (i) performance management, (j) employee relations, and (k) labor relations.</td>
</tr>
<tr>
<td>GS-203: Human Resource Assistant Series</td>
<td>Positions of clerical nature that support all of the above-described functions of the HR management series.</td>
</tr>
<tr>
<td>GS-260: Equal Employment Opportunity Series</td>
<td>Developing, administering, evaluating, or advising on the federal government's internal equal employment opportunity program within various federal agencies when the position requires knowledge of federal equal employment opportunity regulations and principles; compliance and enforcement skills; administrative, management, and consulting skills; and knowledge of federal personnel administration. This includes managers or coordinators of special emphasis programs designed to solve the specialized employment problems of women, minorities, veterans, the handicapped, persons over age 40, and others as they relate to federal employment.</td>
</tr>
<tr>
<td>GS-361: Equal Opportunity Assistance Series</td>
<td>Technical and substantive clerical work in support of equal opportunity and civil rights programs or activities. These positions do not require the broad knowledge of equal opportunity and civil rights principles, or the depth of skill in analysis, interpretation, and decision-making characteristic of the equal opportunity compliance series, GS-0360, equal employment opportunity series, GS-0260.</td>
</tr>
<tr>
<td>GS-140: Manpower Research and Analysis Series</td>
<td>The application of concepts, principles, and practices of sociology, psychology, economics, and/or allied social sciences in implementing national programs designed to equip the underemployed, the persistently unemployed and other unemployed with necessary skills to provide an opportunity for their full participation and utilization in the labor force.</td>
</tr>
<tr>
<td>GS-142: Manpower Development Series</td>
<td>Work concerned with the implementation, promotion, coordination, monitoring, and evaluation of federally funded programs for the development and utilization of manpower resource.</td>
</tr>
</tbody>
</table>

From Ref. www.donhr.navy.mil
The Civilian Community Management Division (CCMD) of the Office of the Deputy Chief of Naval Operations (Manpower and Personnel) manages the competency collection processes in the area of competency assessment.\textsuperscript{44} The process used for managing military competency collection processes are the same as for CCMD employees. The occupations of the DON ensure that final products are of the highest quality and accurately represent the diversity of the work.

Both processes are designed with multiple checks and balances. The use of this methodology assures that:

1. Measurement of competencies is scientifically rigorous.
2. It is possible to track and compare the competency levels of individuals and organizations across commands and career fields.
3. It is possible to compare competency requirements with the military and the private sector.
4. Occupational competency needs and which competencies are unique to particular jobs are identified.\textsuperscript{45}

D. MAJOR COMPONENTS OF OTHER OFFICER COMMUNITIES

As the United States Navy continues to transform under the concept of skills capture and Sea Power 21, many officer communities are changing to meet the needs of tomorrow’s Navy. Each Navy officer community must prepare for strategic transformation so that the Navy will be ready for the future.

\textsuperscript{44} Department of the Navy, Office of the Deputy Assistant Secretary of the Navy for Civilian Human Resource website: http://www.donhr.navy.mil.
\textsuperscript{45} Ibid.
Officers, and Department of Defense Information Operations officers are just a few of the communities preparing for the future.

1. U.S. Navy Chaplain Corps

The U.S. Navy Chaplain Corps has implemented Sea Chaplaincy (SC-21). This is a new set of program and policy initiatives that serve as the architecture for strategic transformation. This program is designed to lead the Chaplain Corps into the future and provide religious ministry to the Navy and Marine Corps.

The Chief of Chaplains as community leader heads the implementation of SC-21. The Chaplain Corps will transform from a shore-centric cadre of religious leaders to an operational-centric focus under SC-21. The purpose is to support Sailors and Marines who are engaged in war fighting efforts in the battle against terrorism. This focus ensures that operational commanders recognize that religious ministry personnel are "mission essential." Ministry delivery models are to be introduced to allow the Chaplain Corps to respond to ministry needs of Expeditionary Strike Groups, Carrier Strike Groups, and Surface Strike Groups. The models ensure the flexibility to respond to operational needs across traditional command lines.

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47 Ibid., 2.
48 Ibid., 2.
49 Ibid., 3.
50 Ibid., 3.
The Chaplain Corps is also in the process of creating ministry templates, which will enable its officers to excel in institutional ministry no matter where they are assigned. These guides will standardize ministry across the battle space. This effort has an added benefit of demanding that Chaplains demonstrate value-added to the Navy. Chaplains must be able to quantify their value through ministry metrics in the same language and systems used by line and staff officers. The Chaplain Corps has included the total force concept by leveraging assets available in the reserve component.

The Chaplain Corps emphasizes professional development, career development, and the utilization of Religious Program Specialists. Training and education is critical for the Chaplain Corps in professional development. Career paths for chaplains are inexplicability tied to the billet structure and their professional development plan. Chaplains follow a career path that is fulfilling to their institutional responsibilities.

As with the other officer communities, the Chaplain Corps has not yet fully transformed itself and achieved the SC-21 vision, but it is well on its way to making the Chaplain Corps essential in today’s Navy. Those components currently adopted consist of ethics and sea chaplaincy, future chaplain and Religious Program

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53 Ibid.
54 Ibid., 4.
55 Ibid., 4.
Specialist detailing, recruiting, new billet proposals, and the doctor of military ministry program.

2. Navy Environmental Health Officers

Navy Environmental Health officers, a subset of the Medical Service Corps, are evolving rapidly in both scope and complexity in a rapidly expanding field. The Navy Environmental Health Community requires an even wider array of specific knowledge, skills, and practical applications that encompass both technical and tactical capabilities at various operational levels.

Key attributes that military health professionals must possess to support the mission of joint force health protection are assessment, management, leadership, and risk communication. Strategy and vision require an examination of the current Force Health Protection doctrine, operational requirements, training, and education. Objectives of the environmental health community are to continuously identify training requirements, capabilities, and skill sets required by environmental health professionals. This is in place to best support future joint military operations and to develop, implement, and measure Navy Environmental Health Board (NEHB) plans. The competencies include:

1. Timely delivery of robust Force Health Protection that is fully integrated, modular, scaleable, agile, and interoperable.

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56 United States Navy, Navy Environmental Health Board, Navy Environmental Health Officer Core Competency Initiative, Portsmouth, Virginia, March 2005, p. 4.
57 Ibid.
58 Ibid., p. 5.
59 Ibid., p. 6.
2. Training, education, and professional development that focuses on readiness optimization, integration, alignment, and leadership.

3. Preventive medicine capabilities designed to meet all requirements across the full range of working and operational environments.\(^{60}\)

For Environmental Health officers, the Navy’s minimum entry-level education requirement is a master’s degree in public health, environmental health, or related field from an accredited university.\(^{61}\) The NEHB has identified specific competencies that are required of all environmental health professionals. These competencies are (a) food safety, (b) potable water/waste water, (c) epidemiology, (d) public health sanitation, (e) risk assessment, (f) communication and management, (g) operational risk management for the deployed setting, (h) environmental health site assessment, (i) communicable diseases control, (j) public health administration, (k) disaster planning and response, and (l) medical entomology.\(^{62}\) The NEHB also has identified traits and characteristics that are considered key attributes for an effective environmental health professional.\(^{63}\)

A proficient health professional is one who possesses all competencies, traits, and characteristics needed to assess, develop, implement, deliver, and measure outcomes.\(^{64}\)


\(^{61}\) Ibid., 7.

\(^{62}\) Ibid., 8.

\(^{63}\) Ibid., 8.

\(^{64}\) United States Navy, Navy Environmental Health Board, *Navy Environmental Health Officer Core Competency Initiative*, Portsmouth, Virginia, March 2005, 8.
The outcomes are (a) force health protection, (b) integration and joint interoperability, (c) alignment, and (d) leadership.65

3. Information Operations (IO)

The Department of Defense has made a commitment to make information operations (IO) an essential military competency.66 Defense Planning Guidance for fiscal years 2004-2009 directs that a roadmap be developed for making IO an essential military competency. This competency will be integrated into deliberate and crisis action planning and capable of being executed as part of supported and supporting operations.67 Christopher Lamb reports that policies and procedures are required to become a core competency including to:

1. Define IO, provide a common understanding of its functions, and clarify authorities and boundaries for execution.

2. Delegate maximum authority to commanders to plan and execute integrated operations."68

There are three related and mutually supporting IO functions. They are to (a) deter, discourage, dissuade, and direct an enemy; (b) protect their plans and misdirect the enemy’s; and (c) control adversarial communications and

67 Ibid.
68 Ibid.
networks and protect their own.\textsuperscript{69} When properly integrated, all three IO functions are mutually supporting and directly impact the enemy’s ability to conduct coherent operations.\textsuperscript{70} Information operations narrowed their scope to five core capabilities. They are (a) electronic warfare (EW), (b) psychological operations (PSYOP), (c) operations security (OPSEC), (d) military deception, and (e) computer network operations (CNO).\textsuperscript{71}

E. SUMMARY

This chapter discusses the current Navy human resource career field including the transition process to become an HR officer. This includes a discussion of the typical career path of an HR officer and the qualifications and certifications HR officers are encouraged to complete. Also discussed are the different modules of the SHRM Learning System\textsuperscript{TM} which identifies established areas of certification for human resource professionals. The competencies required of HR professionals working in DoD and the Navy are reviewed; specifying types of jobs and tasks human resource professionals perform. This chapter also discusses components of other officer communities. It discusses what the communities are doing to focus their competencies and jobs within the Navy. They focus on what they do for the Navy, how their specific fields focus on growth in their community, and how they assist the Navy.


\textsuperscript{70} Ibid.

\textsuperscript{71} Ibid.
This chapter addresses the relationship of competencies of human resource professionals and HR officers in the Navy. It also shows that other communities in the Navy are using their resources and establishing competencies for their specialty in the Navy. Other communities are indicating what their jobs are and how they contribute to the Navy. The Navy HR community is using its resources to establish the jobs HR officers should be assigned to so as to maximize their contribution to the Navy.
III. METHODOLOGY

A. METHODOLOGY

The methodology used in this study seeks to answer two research questions:

1. How do Navy commercial activity (CA) function codes relate to the human resource (HR) body of knowledge standards as defined by the Society for Human Resource Management (SHRM)?

2. What are the defined and undefined work activities performed by Navy Human Resource officers?

The method used to address the research questions was established by collecting the Total Force Manpower Management System (TFMMS) commercial activity (CA) function codes for the work activities performed by each HR officer in the Navy (N=661). A list of billets currently filled by HR officers was compared with the TFFMS single, authoritative database for total force manpower requirements, authorizations, and end strength. As such, TFFMS provides storage and retrieval of historic, current, budget, and out-year manpower data as well as access to current manpower data for resource sponsors, claimants, etc.\textsuperscript{72}

The 180 CA function codes representing each job an HR officer is assigned was collapsed to 52 because of similarity in work activities. Each CA function code was analyzed individually and individual characteristics received binary factor treatment in each of the six

principal components of the Society of Human Resource Management (SHRM) body of knowledge, restated here as

1. Strategic Management;
2. Workforce Planning and Employment;
3. Human Resource Development;
4. Compensation and Benefits;
5. Employee and Labor Relations; and

The generated factor matrix was derived using CA function code descriptions and by determining where each CA function code mapped within the six categories of the SHRM body of knowledge.

Each CA function code was qualitatively evaluated and compared to each SHRM category. A value of one (1) was placed where the CA function code and SHRM category were assessed to positively load—that is, it was considered that the CA function code closely mapped with the SHRM knowledge area. A value of one (1) was placed in more than one SHRM factor category if the CA function code loaded to that category. If the CA function code comparison did not load, a zero (0) was attributed to that factor and a value of one (1) was placed in the Other category.

The number of CA function codes that loaded to each SHRM category was added into the CA function code’s respective group. This procedure produced a count of the number of times each group was represented in each SHRM category. The total number in each CA function code group loaded on a SHRM category was divided by the total number of loads (n=87). The number of HR officers was then
computed for each SHRM category in each group based on the 87 loads. The number of HR officers was divided by the total number of HR officers in each group. The total number of HR officers in each group was then divided by the total number of HR officers (N=661). The results indicated which jobs HR officers are assigned to that have HR related work according to SHRM. The number of HR officers in each group under each section of the SHRM body of knowledge is not equal to the total number of HR officers because some of the CA function codes loaded to more than one SHRM body of knowledge section.

B. DATA

Each CA function code was qualitatively assessed and binarily loaded to each SHRM functional area. Navy functions are gathered into two principal categories. Those categories are (a) Infrastructure and (b) Forces and Direct Support.73 The Infrastructure category includes 13 functional groups and the Forces and Direct Support category includes four functional groups.74 Table 8 provides a list of the CA function codes groups.

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73 Department of the Navy, Office of the Chief of Naval Operations letter, Enclosure (2), 1.
74 Ibid.
Table 8. Fiscal year 2004 Navy IG&CA inventory function codes by groups

<table>
<thead>
<tr>
<th>Group</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 1</td>
<td>Force management and general support</td>
</tr>
<tr>
<td>Group 2</td>
<td>Communications, computing, and other information services</td>
</tr>
<tr>
<td>Group 3</td>
<td>Science and technology (S&amp;T) and research and development (R&amp;D) management and support</td>
</tr>
<tr>
<td>Group 4</td>
<td>Systems acquisition, test and evaluation, engineering, and contracting</td>
</tr>
<tr>
<td>Group 5</td>
<td>Logistics</td>
</tr>
<tr>
<td>Group 6</td>
<td>Products manufactured or fabricated</td>
</tr>
<tr>
<td>Group 7</td>
<td>Plant operation and maintenance</td>
</tr>
<tr>
<td>Group 8</td>
<td>Environmental security and natural resource services</td>
</tr>
<tr>
<td>Group 9</td>
<td>Construction</td>
</tr>
<tr>
<td>Group 10</td>
<td>Civil works</td>
</tr>
<tr>
<td>Group 11</td>
<td>Personnel and social services</td>
</tr>
<tr>
<td>Group 12</td>
<td>Education and training</td>
</tr>
<tr>
<td>Group 13</td>
<td>Health services</td>
</tr>
<tr>
<td>Group 14</td>
<td>Command and intelligence</td>
</tr>
<tr>
<td>Group 15</td>
<td>Expeditionary force defense--operating forces</td>
</tr>
<tr>
<td>Group 16</td>
<td>Homeland defense--operating forces</td>
</tr>
<tr>
<td>Group 17</td>
<td>Space defense--operating forces</td>
</tr>
</tbody>
</table>

From Ref. Department of the Navy, Office of the Chief of Naval Operations letter, "FY2004 Navy Inherently Governmental and Commercial Activity (IG&CA) Inventory." Director, Total Force Programming and Manpower Division (N12), Washington DC, 30 September 2004

Each function includes an alphanumeric code, title, and definition describing the type of work performed.\textsuperscript{75} Appendix A describes the CA function codes for billets HR officers are assigned. Coding is based on the type of work that is performed and not where the work is performed.\textsuperscript{76} CA function codes are submitted annually to Department of

\textsuperscript{75} Department of the Navy, Office of the Chief of Naval Operations letter, Enclosure (2), 1.

\textsuperscript{76} Ibid.
Defense (DoD) in compliance with the Office of Management and Budget (OMB) Circular A-76 and the Federal Activities Inventory Reform (FAIR) Act.\footnote{Department of the Navy, Office of the Chief of Naval Operations letter, Enclosure (2), 1.}
IV. FINDINGS

A. INTRODUCTION

This chapter identifies the work HR officers are assigned to as defined by Total Force Manpower Management System (TFFMS) commercial activity (CA) function codes as factor loaded to HR activities identified in the SHRM body of knowledge. Appendix B shows the relationship between each HR officer's (N=661) billet CA function code (n=52) and the corresponding SHRM body of knowledge areas.

B. FINDINGS

The number of HR officers in each group under each section of the SHRM body of knowledge is not equal to the total number of HR officers because some of the CA function codes loaded to more than one SHRM body of knowledge section.

There were a total of 87 instances of work activity from the CA function codes compared to the SHRM body of knowledge. Based on binary factor loading of the 52 CA function codes HR officers are assigned to within the SHRM body of knowledge areas, work activity in 22 of 87 (25%) instances were loaded into strategic management, the most of the six SHRM knowledge areas. Both Workforce Planning and Employment and the category labeled Other work activities loaded 18 of 87 (21%) instances. Work activity loaded 15 of 87 (17%) instances in Human Resource Development. Work activity loaded 10 of 87 (11%) instances in Compensation and Benefits. Work activity loaded 3 of 87 (3%) instances in Employee and Labor Relations, and work
activity loaded 1 of 87 (1%) instances in Occupational Health, Safety and Security.

Of all of the groups, Force Management and General Support group (Group 1) factor loaded the most to the SHRM body of knowledge with the Strategic Management group loading eight times, Workforce Planning and Employment loading five times, Human Resource Development loading four times, Compensation and Benefits loading five times, Employee and Labor Relations loading three times, and Other category loading four times. Occupational Health, Safety and Security did not load in Group 1.

Communications, Computing, and Other Information Services group (Group 2) compared to the SHRM body of knowledge with Strategic Management and Workforce Planning and Employment each loading two times. Human Resource Development and Compensation and Benefits each loaded one time. Employee and Labor Relations, Occupational Health, Safety and Security, and Other did not load in Group 2.

Science and Technology (S&T) and Research and Development (R&D) Management and Support group (Group 3) loaded to the Other category one time. There were no other comparisons with the SHRM body of knowledge in Group 3.

Systems Acquisition, Test and Evaluation, Engineering, and Contracting group (Group 4) compared to the SHRM body of knowledge with Strategic Management and Other category each loading two times. Workforce Planning and Employment, Human Resource Development, and Compensation and Benefits each loaded one time. Employee and Labor Relations, and Occupational Health, Safety and Security did not load in Group 4.
Logistics group (Group 5) compared to the SHRM body of knowledge with Human Resource Development and Other category each loading two times. There were no other comparisons with the SHRM body of knowledge in Group 5.

Plant Operation and Maintenance group (Group 7) compared to the SHRM body of knowledge with Strategic Management loading three times. Workforce Planning and Employment, Human Resource Development, and Other category were each loaded one time in Group 7.

Environmental Security and Natural Resource Services group (Group 8) compared to the SHRM body of knowledge with Occupational Health, Safety and Security loading one time. There were no other comparisons with the SHRM body of knowledge in Group 8.

Construction group (Group 9) compared to the SHRM body of knowledge with Strategic Management and Workforce Planning and Employment each loading two times. There were no other comparisons with the SHRM body of knowledge in Group 9.

Personnel and Social Services group (Group 11) compared to the SHRM body of knowledge with Workforce Planning and Employment and Human Resource Development each loading four times. Strategic Management and Compensation and Benefits each loaded two times. The Other category loaded one time in Group 11.

Education and Training group (Group 12) loaded into the Other category five times. The SHRM body of knowledge with Strategic Management and Workforce Planning and Employment each loaded two times. Human Resource Development loaded one time in Group 12.
Command and Intelligence group (Group 14) compared to the SHRM body of knowledge with Strategic Management, Workforce Planning and Employment, Human Resource Development, Compensation and Benefits, and the Other category each loaded one time in Group 14.

Expeditionary Force Defense--Operating Forces group (Group 15) loaded to the Other category one time. There were no other comparisons to the SHRM body of knowledge in group 15.

Table 9 shows the number of times each CA function codes groups loaded to the SHRM body of knowledge.
Table 9. CA function code groups loaded to the SHRM body of knowledge (n=87)

<table>
<thead>
<tr>
<th>Group</th>
<th>Strategic Management</th>
<th>Workforce Planning &amp; Employment</th>
<th>Human Resource Development</th>
<th>Compensation and Benefits</th>
<th>Employee and Labor Relations</th>
<th>Occupational Health, Safety &amp; Security</th>
<th>Other</th>
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<td>10</td>
<td>3</td>
<td>1</td>
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<td>18</td>
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</table>

The number of HR officers in each group under each section of the SHRM body of knowledge is not equal to the total number of HR officers because some of the CA function codes loaded to more than one SHRM body of knowledge section. There were a total of 87 instances of work activity from the CA function codes compared to the SHRM body of knowledge.
Based on binary factor loading of the 52 CA function codes HR officers are assigned to within the six areas of the SHRM body of knowledge areas, 73 of 95 (77%) HR officers in Force Management and General Support group (Group 1) compared to Strategic Management of the SHRM body of knowledge. Workforce Planning and Employment had 56 of 95 (59%) HR officers, Human Resource Development had 36 of 95 (38%) HR officers, Compensation and Benefits had 54 of 95 (57%) HR officers, Employee and Labor Relations SHRM body of knowledge had 6 of 95 (6%), and the Other category had 15 of 95 (16%) HR officers compared to CA function code Group 1.

Communications, Computing, and Other Information Services group (Group 2) had 2 of 3 (67%) HR officers compared to Strategic Management SHRM body of knowledge. Workforce Planning and Employment had 2 of 3 (67%) HR officers, Human Resource Development and Compensation and Benefits SHRM body of knowledge each had 1 of 3 (33%) HR officer compared to CA function code Group 2.

Science and Technology (S&T) and Research and Development (R&D) Management Support group (Group 3) had 2 of 2 (100%) HR officers compared to the Other category.

Systems Acquisition, Test and Evaluation, Engineering, and Contracting group (Group 4) had 3 of 94 (3%) HR officers compared to Strategic Management SHRM body of knowledge. Workforce Planning and Employment had 1 of 94 (1%) HR officers, Human Resource Development and Compensation and Benefits SHRM body of knowledge each had 2 of 94 (2%) HR officers, and the Other category had 91 of 94 (97%) HR officers compared to CA function code Group 4.
Logistics group (Group 5) had 2 of 5 (40%) HR officers compared to Human Resource Development SHRM body of knowledge. The Other category had 3 of 5 (60%) HR officers compared to CA function code Group 5.

Plant Operation and Maintenance group (Group 7) had 26 of 27 (96%) HR officers compared to Strategic Management SHRM body of knowledge. Workforce Planning and Employment and Human Resource Development SHRM body of knowledge each had 2 of 27 (7%) HR officers, and the Other category had 1 of 27 (4%) HR officers compared to CA function code Group 7.

Environmental Security and Natural Resource Services group (Group 8) had 1 of 1 (100%) HR officer compared to Occupational Health, Safety, and Security SHRM body of knowledge. There were no other comparisons in Group 8.

Construction group (Group 9) had 2 of 2 (100%) HR officers compared to Strategic Management and Workforce Planning and Employment SHRM body of knowledge. There were no other comparisons in Group 8.

Personnel and Social Services group (Group 11) had 69 of 188 (37%) HR officers compared to Strategic Management SHRM body of knowledge. Workforce Planning and Employment had 182 of 188 (97%) HR officers, Human Resource Development had 186 of 188 (99%) HR officers, Compensation and Benefits SHRM body of knowledge had 69 of 188 (37%) HR officers, and the Other category had 149 of 188 (79%) HR officers compared to CA function code Group 11.

Education and Training group (Group 12) had 61 of 223 (27%) HR officers compared to Strategic Management SHRM body of knowledge. Workforce Planning and Employment had
28 of 223 (13%) HR officers, Human Resource Development SHRM body of knowledge had 15 of 223 (7%) HR officers, and the Other category had 149 of 223 (67%) HR officers compared to CA function code Group 12.

Command and Intelligence group (Group 14) had 1 of 1 (100%) HR officer compared to Strategic Management, Workforce Planning and Employment, Human Resource Development, Compensation and Benefits SHRM body of knowledge, and the Other category.

Expeditionary Force Defense – Operating Forces group (Group 15) had 19 of 19 (100%) HR officers compared to the Other category.

Of the 661 HR officers in the TFFMS dataset, 223 of 661 (34%) are filling Education and Training (Group 12) positions categorized by the CA function codes. Human Resource officers are filling 188 of 661 (28%) Personnel and Social Services group (Group 11) positions categorized by the CA function codes. The next two most utilized categories HR officers are filling are in Force Management and General Support (Group 1) with 95 of 661 (14%) HR officers and Systems Acquisition, Test and Evaluation, Engineering, and Contracting group (Group 4) positions with 94 of 661 (14%) HR officers that are categorized by the CA function codes. Human Resource officers are filling Plant Operation and Maintenance group positions (Group 7) with 27 of 661 (4%) HR officers that are categorized by the CA function codes. Human Resource officers are filling Expeditionary Force Defense-Operating Forces group positions (Group 15) with 19 661 (3%) HR officers that are categorized by the CA function codes. The remaining six CA
function code groups have less than 5 out of 661 (less than 1%) HR officers assigned to them.

Table 10 shows the number of HR officers in each group compared to the SHRM body of knowledge. The number of HR officers in each group under each section of the SHRM body of knowledge is not equal to the total number of HR officers because some of the CA function codes loaded to more than one SHRM body of knowledge section.
Table 10. Number of HR officers (N=661) in each CA function code group compared to SHRM body of knowledge.

<table>
<thead>
<tr>
<th>Group</th>
<th>Strategic Management</th>
<th>Workforce Planning &amp; Employment</th>
<th>Human Resource Development</th>
<th>Compensation and Benefits</th>
<th>Employee and Labor Relations</th>
<th>Occupational Health, Safety &amp; Security</th>
<th>Other</th>
<th>Total # of HR officers</th>
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<tr>
<td>1</td>
<td>73</td>
<td>56</td>
<td>36</td>
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<td>282</td>
<td>661</td>
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</tbody>
</table>

Note: The number of HR officers in each group under each section of the SHRM body of knowledge is not equal to the total number of HR officers because some of the CA function codes loaded to more than one SHRM body of knowledge section.
V. CONCLUSIONS AND RECOMMENDATIONS

A. CONCLUSIONS

This study brings to light several observations that enable conclusions to be drawn, which then leads to potentially useful recommendations. First, this study shows that 57% (n=379) of HR officers are performing work activities that factor load to SHRM body of knowledge areas when compared with CA function codes. It should be noted that many assignments that HR officers are assigned to have relevance to more than one SHRM body of knowledge area when compared to the CA function codes.

A total of 282 of 661 (43%) U.S. Navy HR officers are not working in HR related fields. Of those, 149 (23%) are in the Education and Training function group.

This study demonstrates that 43% (n=282) of HR officers are serving in jobs that are not related to the SHRM body of knowledge. This information is important to the HR community because it indicates that almost half of its officers are doing work that is not HR related. It follows then that the HR community is not utilizing its resources to its full potential. Two percent (n=15) of HR officers work in Force Management and General Support. Less than 1% (n=2) of HR officers work in Science and Technology and Research and Development Management and Support. Fourteen percent (n=91) of HR officers work in Systems Acquisition, Test and Evaluation, Engineering, and Contracting. Less than 1% of HR officers work in Logistics (n=3), Plant Operation and Maintenance (n=1), Personnel and Social Services (n=1), and Command and Intelligence (n=1). Twenty-three percent (n=149) of HR officers work in
Education and Training. Three percent (n=19) of the HR officers work for Expeditionary Force Defense--Operating Forces.

HR officers are assigned to jobs that have a wide range of diversity as witnessed in the corresponding CA function codes. There are 34% (n=223) of HR officers assigned to Education and Training work activities. A total of 23% (n=149) of these HR officers had the highest percentage of non-related work according to the SHRM body of knowledge. HR officers work in Personnel and Social Services 67% (n=182) of the time compared to Workforce Planning and Employment and Human Resource Development. Based on a comparison between the CA function codes HR officers are assigned to and the SHRM body of knowledge, Strategic Management is performed most often at 42% (n=237). Workforce Planning & Employment is next with 35% (n=274). And Human Resource Development is the next highest with 29% (n=245) of the work.

The CA function codes representing the Force Management and General Support group and the Systems Acquisition, Test and Evaluation, Engineering, and Contracting groups have (n=95) and (n=94) HR officers respectively working in those jobs. Both of these show a 50% comparison to Strategic Management SHRM body of work. Force Management is compared to Workforce Planning and Employment, Human Resource Development, and Compensation and Benefits SHRM body of knowledge each at 25%.

Human Resource officers that are not working in HR related fields, according to the SHRM body of work, is 43% (n=282) when compared to the CA function codes. Of those, 23% (n=149) are receiving education and training. The
Human Resource Community is losing 20% (n=133) of its available talent to other jobs outside of HR related work as mapped to the SHRM body of knowledge. Human Resource officers are being assigned to jobs that are HR related only 57% of the time. The HR community is not using HR officers to their full potential because they are being assigned to work outside of the HR career field.

This study shows that the current HR community billet base may be misaligned. It also shows that the Human Resource community should not use SPHR/PHR certifications as a career milestone event. A comparison of CA function codes to the SHRM body of knowledge shows that 237 of 661 (36%) HR officers work in Strategic Management, 274 of 661 (41%) HR officers work in Workforce Planning and Employment, and 245 of 661 (37%) HR officers work in Human Resource Development SHRM body of knowledge areas. This information shows that approximately 38% of HR officers work in the Strategic Management, Workforce Planning and Development and Human Resource Development SHRM body of knowledge areas.

The comparison of the CA function codes to the SHRM body of knowledge also shows that 127 of 661 (19%) HR officers work in the Compensation and Benefits SHRM body of knowledge area. Employee and Labor Relations and Occupational Health, Safety and Security SHRM body of knowledge areas each have less then one percent HR officers working in these categories. Based from this study, the Human Resource community should focus on developing an HR officer curriculum aimed at Strategic Management, Workforce Planning and Employment, and Human Resource Development.
B. RECOMMENDATIONS

Based on the results of this study, it appears that the HR community has assigned 133 of 661 (20%) of its officers to jobs outside of HR related fields.

There are many HR officers who are in transit from or to a training assignment and as such, are reported in training related billets while assigned to the Individual Account (IA). This procedure falsely indicates that these officers are performing training related duties when, in fact, they are not. Of 661 HR officers, it appears that 149 are performing duties that are only tangentially associated with the SHRM body of knowledge. This condition is beyond the scope of this study and it is recommended that further research be undertaken to identify jobs or training where HR officers are not performing activities prescribed in the SHRM body of knowledge.

It is recommended that HR officers be assigned to billets that are central to HR related activities as defined in the SHRM body of knowledge in particular, Strategic Management, Workforce Planning and Employment, and Human Resource Development. However, further study is required to evaluate the extent to which that work is required of HR officers or some other community.

It is recommended that a follow-up study examine the actual financial costs to the Navy resulting from the mis-assignment of HR officers. A follow-up study is needed to identify HR billets that are either undermanned and/or unfilled while HR officers are assigned to jobs outside the HR field. It is also recommended that a study similar to this be undertaken for other officer communities to identify where manpower may be mis-assigned. Action should
be taken to get those officers in areas outside their career fields to assignments within their fields.

This study highlights that problems exists in officer distribution as shown by a high percentage of HR officers assigned to non-HR related work assignments. If additional study shows this same type of mis-assignment problem is occurring in other officer communities, then a zero-based review of officer assignment policies may be in order to correct the officer distribution posture Navy-wide.

It is recommended the Human Resource community continue with follow-up research in determining and developing a training curriculum for the 12XX community based on the work HR officers are actually doing in the Navy. The modules from the SHRM body of knowledge which pertain to work HR officers are actually doing should be used as a base to determine a training curriculum. It is also recommended that research be undertaken to empirically anchor competencies applicable to HR officers and the Human Resource officer community.
APPENDIX A. CA FUNCTION CODES FOR HR OFFICERS

(From Ref. Director, Total Force Programming and Manpower Division (N12), FY2004 Navy Inherently Governmental and Commercial Activity (IG&CA) Inventory, 4000, Ser N12/4U0197, 30 September 2004, Enclosure (2))

A630 Management and Support to Test and Evaluation. This function includes all efforts not reported elsewhere directed toward management and support of test and evaluation operations. This includes management of test and evaluation laboratories and facilities and other test and evaluation support to include target development; general test instrumentation; and, operation of test ranges. This excludes maintenance of test aircraft, ships, and other equipment coded with the applicable J and K codes and maintenance of test ranges coded Z993. This function also excludes severable support covered by other function codes (e.g., custodial services coded S410, building management coded S210, and engineering coded F520). [This is part of RDT&E.]

A699 Other Test and Evaluation Activities. This function includes test and evaluation activities not covered by other function codes. This includes acceptance testing and evaluation of supplies and materials (e.g., oil and fuel) to ensure products meet minimum requirements of applicable specifications, standards, and similar technical criteria.

B810 Management Headquarters—Military Personnel. This function includes oversight, direction, and control of subordinate military personnel offices (e.g., military personnel field operating agencies and recruitment centers). The headquarters military personnel management function is typically performed by the OSD, the Joint Staff, Military Department headquarters down to and including the headquarters of all major commands, and other management headquarters activities as defined in DoD 5100.73. Management headquarters military personnel operations typically include developing and issuing military personnel policies (e.g., compensation, retention and accession policy) and providing policy guidance; reviewing and evaluating program performance (e.g., officer and enlisted personnel management and recruiting and
examining programs); and conducting mid- and long-range planning.

B820 Military Recruiting and Examining Operations. This function includes operations typically performed by field recruiting centers (e.g., recruiting commands, stations, and offices) and examining activities (e.g., Armed Forces Examination and Entrance Stations, Armed Forces Central Test Scoring Agency, Defense Medical Review Board, U.S. Army Reception Centers, and USAF Personnel Processing Groups/Squadrons). This includes recruiting efforts for all active and reserve military (e.g., officer and enlisted special operations recruiting, high school testing programs, ROTC referral programs) and advertising for the procurement or retention of military personnel. It also includes administering physical, mental, and vocational aptitude examinations and performing evaluations of administrative, medical, mental, and moral suitability for military service.

B830 Military Personnel Operations. This function includes operations typically performed by military personnel offices or field operating agencies (FOAs). Military personnel operations typically include distribution and assignment of military personnel; professional development; promotions; compensation; entitlements; awards and decorations; retention; and separations. This may also include acting as the functional proponent for the military personnel management system; management of the military occupational classification and structure; execution of the officer and enlisted evaluation system; management of overseas and sea-to-shore rotation; and, implementation of various personnel management programs in support of legislative requirements. In addition, this includes maintenance and processing of personnel records and requests; separations; personnel support to family members and retired military personnel; and, personnel management support (e.g., developing and maintaining strength data).

B920 Personnel Social Action Program Operations. This function includes operations performed by civilian Equal Employment Opportunity, military Equal Opportunity, Affirmative Employment, and other personnel social action program offices and centers. This includes program operations necessary for implementation and monitoring of program activities.
C110 Management Headquarters—Financial Management. This function includes the oversight, direction, and control of subordinate financial management organizations. This function is typically performed by the OSD; the Joint Staff; Defense Finance and Accounting Service (DFAS) headquarters (including DFAS Centers’ and Operating Locations activities that report directly to the headquarters); the management headquarters of other Defense Agencies and Field Activities; Combatant Headquarters; Military Department management headquarters; and other management headquarters activities identified in DoDD 5100.73. This includes conducting mid- and long-range planning, programming, and budgeting; developing and issuing policies; providing policy guidance; reviewing, analyzing, and evaluating program performance; and, allocating and distributing resources.

C400 Budget Support. This function includes budget formulation, justification, and analysis activities involved in the Budget Estimates Submission (BES), Program Budget Decisions (PBD), and Defense Budget. It also includes budget execution, distribution of funds, certification of funds, monitoring of budget execution, and reporting on the status of funds.

E220 Safety. This function includes safety and occupational health (SOH) associated with the efforts designed to prevent accidental loss of human and material resources and protect the environment from the potentially damaging effects of DoD mishaps. This includes efforts to protect personnel from safety and health risks; hazard investigations; and, worksite inspections, assessments (e.g. risk analysis, SOH self-assessments), reviews and illness and injury trend analyses. This excludes occupational health services coded E225.

▶ E220E SOH Program Oversight and Management: This function establishes and manages the of overall command, regional or activity safety program. This function requires discretion in the interpretation and application of policy to site and command specific operations and conditions. Liaison and negotiation with higher echelons and other Agencies are required to establish program priorities and resource requirements. Fiduciary and contractual execution authority is required. Functions are
generally performed by “safety manager”/“assistant safety manager” positions.

**F160 Systems Acquisition—Other Program Support.** This function includes support provided to Program Managers by Integrated Product Teams (IPTs), Working-Level Integrated Product Teams (WIPTs), or other functional experts or teams as part of the Integrated Product Process Development (IPPD) of the defense acquisition system. This includes product assurance, financial and economic analysis, industrial capabilities assessments, technical integration efforts and technical information activities performed outside the Program Office (e.g., Joint Computer-Aided Acquisition and Logistics support (JCALS)), Human Systems Integration reviews, cost estimates, and other actions and reviews performed by functional experts as part of the systems acquisition process. This excludes research and development coded R110-R999 and F150, test and evaluation operations coded A620, systems requirements definition and validation coded Y215, foreign military sale operations coded Y315, and engineering support coded F520.

**F320 Contract Administration and Operations.** This function includes:

- **Procurement of automated information systems, weapon systems, support systems (to include training devices and simulators), supplies, services, and construction.** This includes the determination of competitive or non-competitive procurement strategies; the issuance of solicitations and analysis of responses to them; oversight of source selections, negotiations, and the award and termination of contracts; preparation of contract modifications; processing of protests; retained administrative responsibilities; and, operational policy implementation.

- **Post award administration of contracts.** This includes post award orientation conferences; oversight of contractor performance to assure compliance with contract and subcontract requirements, terms, and conditions; issuance of contract amendments (to include terminal notices for default, and settlement, and convenience termination); processing claims against the government; issuance of task orders; tracking progress payments; contract close-outs; and, monitoring property administration.
G050  Management Headquarters—Community and Family Services. This function includes oversight and direction of Family Service Programs, Child Care and Youth Programs, Morale, Welfare, and Recreation (MWR) programs, and related non-appropriated fund instrumentalities (NAFIs). As part of the management headquarters, centrally managed MWR functions are provided that either support Service-level NAFIs, or provide consolidated support for field activities. (For example, the Military Services manage central non-appropriated fund (NAF) contract services for field activities, central investment of NAFs, centrally managed insurance and human resource programs for NAFs, and centrally managed information technology functions. Most of the personnel involved in these central functions are paid by NAFs.)

I110  Management Headquarters—Audit. This function includes the management of audit programs and/or the oversight, direction, and control of subordinate audit organizations through developing and issuing policies; providing policy guidance; reviewing, analyzing, and evaluating program performance; conducting audits planning, programming, and budgeting; and/or allocating and distributing resources. This function is performed by the Office of the IG, DoD; Military Department headquarters down to and including the headquarters of all major commands and their equivalent; headquarters of operational military forces down to and including the headquarters of Combatant Commands; headquarters elements of Defense Agencies and Field Activities; and other management headquarters identified in DoDD 5100.73.

I999  Other Audit and Investigative Activities. This function includes audit and investigative activities not covered by other function codes.

J410  Organizational and Intermediate Repair and Maintenance Management. This function includes overseeing, directing, and controlling organizational or intermediate level repair and maintenance of military material from non-deployable units, offices, and centers. This includes reviewing and evaluating performance of subordinate activities engaged in repair and maintenance operations listed below.
K410  Depot Management. This function includes overseeing, directing, and controlling depot level repair and maintenance of military material within fixed (non-deployable) depots. Depot management includes reviewing and evaluating performance of subordinate activities engaged in depot repair and maintenance operations listed below.

M199  Other Operational Command and Control Activities. This function includes operational command and control activities not addressed by one of the other function codes and not in the operating forces.

M301  Management Headquarters—Intelligence. This function includes senior intelligence leadership and their immediate staffs who exercise oversight, direction, and control of subordinate organizations or units through developing and issuing guidance; reviewing and evaluating program performance; allocating and distributing resources; and conducting mid- and long-range planning, programming, and budgeting.

M410  Expeditionary Force Operations. This includes operating forces designed primarily for operations outside the U.S. This includes strike, air control, sea control, ground combat, and mobility forces.

R120  Science and Technology (S&T). This function includes the science and technology portion of research and development to include all basic and applied research, and advanced technology development. [This is part of RDT&E.] It does not include program management of systems acquisition coded F120 or systems acquisition demonstration and development coded F150. This function includes engineering support that is an inherent part of the science and technology process, but excludes recurring severable engineering operations (coded F520) that are performed in direct support of science and technology. Maintenance of military materiel at research and development facilities is coded with the applicable J and K codes.

- Basic Research. This includes all efforts of scientific study and experimentation directed toward increasing knowledge and understanding in those fields of the physical, engineering, environmental, and life sciences related to long-term national security needs. It provides farsighted, high payoff research,
including critical enabling technologies that provide the basis for technological progress. It forms a part of the base for (a) subsequent exploratory and advanced developments in Defense-related technologies, and (b) new and improved military functional capabilities in areas such as communications, detection, tracking, surveillance, propulsion, mobility, guidance and control, navigation, energy conversion, materials and structures, and personnel support.

- **Applied Research.** Applied Research translates promising basic research into solutions for broadly defined military needs, short of major development programs, with a view toward developing and evaluating technical feasibility. This type of effort may vary from fairly fundamental applied research to sophisticated breadboard hardware, study, programming, and planning efforts that establish the initial feasibility and practicality of proposed solutions to technological challenges. It includes studies, investigations, and technology development efforts. The dominant characteristic of this category of effort is that it be pointed toward identified military needs with a view toward developing and evaluating the feasibility and practicability of proposed solutions and determining their parameters. These efforts may vary from test-bed components to sophisticated breadboard subsystems that establish the initial feasibility and practicality of proposed solutions or technologies.

- **Advanced Technology Development.** This includes all efforts that have moved into the development and integration of hardware and other technology products for field experiments and tests. The results of this type of effort are proof of technological feasibility and assessment of operability and producibility that could lead to the development of hardware for service use. It also includes advanced technology demonstrations that help expedite technology transition from the laboratory to operational use. These efforts demonstrate the performance payoff, increased logistics capabilities, or cost reduction potential of militarily relevant technology. Projects in this category have a direct relevance to identified military needs.
S100  **Management Headquarters—Installations.** This function includes oversight, direction, and control of subordinate organizations through developing and issuing policies; providing policy guidance; reviewing, analyzing, and evaluating program performance; and conducting mid- and long-range planning. This function is typically performed by the OSD, the Joint Staff; the management headquarters of Defense Agencies and Field Activities; Combatant Headquarters; Military Department management headquarters; and other management headquarters as defined in DoDD 5100.73.

S200  **Installation, Base, or Facility Management.** This function includes oversight, administration, and control of subordinate activities at an installation, base, or other DoD facility to include oversight of services provided to tenants. This function involves the management of support activities from more than one functional group (to include management of multifunction contracts). It also includes emergency planning not addressed by Y220. This function is typically performed by installation, base, and facility commanders and directors and that part of their support staff that perform management functions not addressed by other function codes.

S310  **Housing Management.** This function includes planning, programming, and funding for minor construction, maintenance, and repair of government housing and associated grounds and surfaced areas; the administration (to include leasing) and operation of DoD housing facilities; and the administration (to include contract administration) of housing services. This excludes the actual repair and maintenance of buildings, grounds and surfaced areas coded Z991-Z999. Housing management includes the administration and operation of bachelor quarters, family housing, and Unaccompanied Personnel Housing (UPH) to include UPH leased by the Government from private owners, Federal Housing Administration (FHA) or Veteran Affairs (VA) and designated as public quarters.\(^{78}\) It excludes operation of reception stations and processing centers coded B820 and operations of disciplinary barracks and confinement facilities coded S719. It includes the

\(^{78}\) Categories of UPH include: unaccompanied officer personnel quarters, unaccompanied enlisted personnel quarters (troop barracks and BEQ), unaccompanied civilian personnel dormitories, unaccompanied visitor personnel quarters, and those unaccompanied personnel guest houses financed by Operation and Maintenance funds.
moving and handling of unaccompanied personnel housing furnishings and equipment except operations covered by function codes W210-W399. This also excludes storage and supply operations (e.g., requisition, receipt, storage, issuance, and accountability) coded T110. It includes contract management of housing management services addressed below.

- **S310E Housing Management (Berthing BOQ/BEQ)**. This function includes planning programming, and funding for minor construction, maintenance, and repair of government temporary/permanent bachelor housing and associated grounds and surfaced areas; the administration (to include leasing) and operation of DoD temporary/permanent bachelor housing facilities; and the administration (to include contract administration) of temporary/permanent bachelor housing services. This excludes the actual repair and maintenance of buildings, grounds and surfaced areas coded Z991-Z999. Housing management includes the administration and operation of bachelor quarters and Unaccompanied Personnel Housing (UPH) to include UPH leased by the Government from private owners, Federal Housing Administration (FHA) or Veteran Administration (VA) and designated as public quarters. It excludes operation of reception stations and processing centers coded B120 and operations of disciplinary barracks and confinement facilities coded S575. It includes the moving and handling of unaccompanied personnel housing furnishings and equipment except operations covered by function codes W210-W399. This also excludes storage and supply operations (e.g., requisition, receipt, storage, issuance, and accountability) coded T110. It includes contract management of housing management services addressed below.

- **S719 Confinement Facility Operations**. This function includes the administration and operation of facilities that provide for the confinement of casual, pre-trial, and short-term prisoners; and, the temporary confinement of intermediate and long-term prisoners eligible for transfer.

- **T110 Retail Supply Operations**. This function includes supply operations typically performed at an installation, base, or facility to include providing supplies and equipment to all assigned or attached units. This includes all basic supply functions to include the requisition,
receipt, storage, issuance, and accountability of materiel. This includes but is not limited to:

- **Supply Operations.** Operation of consolidated supply functions to include operation of self-service supply centers, Clothing Initial Issue Points (CIIP), and petroleum, oils and lubricants (POL) resale points.

- **Central Issue Facilities (CIF).** Operation of Central Issue Facilities for the purpose of providing military personnel required Organizational Clothing and Individual Equipment (OCIE) supplies. This includes necessary alterations performed at the CIF.

- **Retail Supply Operations.** This includes installation retail supply services to include local warehouse operations, delivery, customer support, inventory management, and unique industrial activity support.

- **Materiel Services.** Support for the procurement, inventory control, receipt, storage, quality assurance, issue, turn-in, disposition, property accounting and reporting, and other related functions.

- **Other Retail Supply Services.** Support to product lines (ammunition and end items). This includes supply support for the DoD small arms Serialization Program; Chemical Agent Standard Analytical reference materials; radioactive waste, research and development activities; and, other unique activities that do not contribute to established product lines.

**T177 Food Supply.** This function includes the operation and administration of food preparation and serving facilities at military facilities. It includes operation of central bakeries, pastry kitchens and central meat processing facilities that produce a product. This includes maintenance of equipment (to include dining facility equipment) but excludes maintenance of fixed equipment coded Z992. It also excludes hospital food service operations coded H350.

**U001 Management Headquarters—Military Education and Training.** This function includes overseeing, directing, and controlling education and training programs and/or subordinate education and training establishments (schools, institutions, academies, colleges, and universities). Education and training management functions are typically performed by the OSD, Service management headquarters, the Joint Staff, and Service training commands (e.g., TRADOC,
CNET, AETC, and MCCDC). This includes developing and issuing policies and providing policy guidance; reviewing and evaluating performance; allocating and distributing resources; or conducting mid- and long-range planning. (Generally, this manpower is reported under DoD PE codes 804779 and 805798.)

U050 Military Institutional Education and Training Management. This function includes overseeing, directing, and controlling education and training activities within the institutional education and training facilities, such as schools, centers, academies, colleges, universities, and host/lead Service institutions (e.g. ITRO programs). (Generally, this manpower is reported under DoD PE codes 804775 and 804777.)

U200 Officer-Acquisition (Pre-Commissioning) Training.* The “Officer-Acquisition Training” category of institutional training, sometimes called “pre-commissioning” training, includes those establishments/institutions that conduct education and training programs designed to commission individuals into the Armed Services.

- **Service Academies.** (Generally, this manpower is reported under DoD PE code 804721.) This includes training provided at academies (e.g., West Point, Annapolis, and Colorado Springs) and Academy Preparatory Schools.

- **Officer Candidate/Training Schools.** This includes training provided by Officer Acquisition Training institutions operated by the Army, Navy, Marine Corps, and Air Force that provide a route for qualified enlisted personnel and selected college graduates to become commissioned officers. (Generally, this manpower is reported under DoD PE code 804722.)

- **Other Enlisted Commissioning Programs.** This includes training provided under the Naval Enlisted Scientific Education Program, Marine Enlisted Commissioning Education Program, Airman Education and Commissioning Program, and Navy Enlisted Commissioning Program. (Generally, this manpower is reported under DoD PE codes 804724 and 804725.)

- **Health Professionals Acquisition Programs.** (Generally, this manpower is reported under DoD PE
code 806723.) This includes instruction provided under the Health Professionals Acquisition Programs.

- Army, Navy, and Air Force Senior ROTC and AFHPSP (Armed Forces Health Professions Scholarship Program). This includes training that occurs off-campus that is part of the ROTC program. (Generally, this manpower is reported under DoD PE codes 804723 for ROTC and 806722 for AFHPSP.)

U300 Specialized Skill Training.* This category of institutional training provides personnel with new or higher-level skills in military specialties or functional areas to match specific job requirements. (Generally, this manpower is reported under DoD PE codes 804731-5.) Specialized Skill Training includes the following sub-categories:

- Specialized Skill Training—Enlisted.
- Initial Skill Training. (Sub-category of Specialized Skill training.) This is formal training in a specific skill leading to the award of a military occupational specialty or rating at the lowest level. Completion qualifies the individual for a position in the job structure.

- Skill Progression Training. (Sub-category of Specialized Skill Training.) This is formal training that is available to personnel after Initial Skill Training and usually after obtaining some experience working in their specialty to increase job knowledge and proficiency and to qualify for more advanced job duties.

- Specialized Skill Training—Officer. This includes Initial Skill Training (same description as above) and Skill Progression Training (same description as above).

- Functional Training. (Sub-category of Specialized Skill Training.) This is formal training available to officer and enlisted personnel in various military occupational specialties who require specific, additional skills or qualifications without changing their primary specialty or skill level.
U510 Professional Military Education (PME).* The conduct of instruction at junior, intermediate, and senior military service schools and colleges and enlisted leadership programs. (Generally, this manpower is reported under DoD PE code 804751).

U520 Graduate Education (Fully Funded, Full-Time).* (Generally, this manpower is reported under DoD PE code 804752).

U550 Training Development and Support for Military Education and Training. Training development includes development of training technology and instructional systems (e.g., curriculum development to include plans of instruction, student measurement, and methods and media selection) for military institutional education and training. It also includes scripting courseware for interactive multimedia instruction, computer-based training, and distance learning. Training support includes the operation of simulators or other training devices in direct support of military institutional education and training. This function includes contract management for maintenance of training equipment except maintenance of fixed training simulators coded Z992. Also, library services are coded Y850; building management is coded S210; and custodial services are coded S410. (Generally, training development and support manpower is reported under DoD PE codes 0804771, 0804772, 805790, and 805890.)

U599 Other Military Education and Training Activities. This function includes military education and training activities not covered by other function codes. Training provided by training instructors assigned to units under the operating commands (e.g., Troop Schools, Fleet Readiness Squadrons, and post-graduate flying training) is coded using the “M-Forces and Direct Support” codes.

W100 Management Headquarters—Communications, Computing and Information. This function includes managing communications, computing, and information programs and/or overseeing, directing, and controlling subordinate organizations through developing and issuing policies; providing policy guidance; reviewing, analyzing, and evaluating program performance; conducting mid- and long-range information management/information technology (IM/IT) planning, programming, and budgeting; and/or allocating and distributing resources. This includes IM/IT strategic and
capital planning; performance assessments; business process reengineering; IT risk analysis; knowledge management; and policy, planning, and implementation of computing infrastructures, information architecture/infrastructures, and information operations/warfare. This function is performed by the OSD, the Joint Staff, the management headquarters of Defense Agencies and Field Activities, Combatant Headquarters, Military Department management headquarters, and other management headquarters identified in DoDD 5100.73. This DoD function is a rollup of functions W100E through W100Q. The Navy will use function W100 through W100Q in coding the inventory.

- **W100E Management Headquarters—IM/IT Strategic Planning.** Creation and update of strategic plans governing the use of information resources across the enterprise and the enterprise-wide operational capability to access, process, transport, store, protect, and manage this information.

- **W100M Management Headquarters Information Architecture and Infrastructures** Creation and maintenance of the operation, systems, and technical views of the Information Technology Architecture.

- **Y105 Management Headquarters—Defense Direction and Policy Integration.** This function is generally performed at the highest levels of the OSD and Military Departments to include offices of the Secretaries and Deputy Secretaries, and those Under and Assistant Secretaries, or special assistants, and select program policy offices involved in defense direction and policy integration. Operations include planning, policy formulation, policy direction of ongoing military activities, and security affairs (e.g., international security affairs, threat reduction and counter-proliferation policy, international negotiations and regional affairs, U.S. bilateral security relations with foreign countries on political-military policy, and Prisoner Of War /Missing Personnel Affairs). This function includes those elements that provide policy integration and direction for multiple functions listed below (e.g., Under Secretary of Defense for Acquisition, Technology and Logistics). It also includes those elements that perform activities not specifically addressed by other management headquarters functions and that provide defense direction and policy integration (e.g., Assistant Secretary of Defense for Reserve Affairs). This function excludes operational planning and control.
coded Y210 and those U.S. international policy activities coded M610.

**Y199 Other Force Management and General Support Activities.** This function includes force management and general support activities not addressed by other function codes.

**Y210 Management Headquarters—Operation Planning and Control.** This function includes oversight, direction and control of subordinate organizations responsible for the evaluation of military forces (e.g., readiness), war plans, military strategies, development planning, emergency preparedness, and mobilization planning. This includes developing and issuing policies; providing policy guidance; reviewing, analyzing, and evaluating performance; conducting or reviewing mid- and long-range planning, programming, and budgeting; and, allocating resources. It typically includes oversight and approval of mission analyses and materiel requirements; analysis of the utilization of military resources; and, assessments of those infrastructure operations that directly relate to operational planning and control to include strategic and business planning. This function is typically performed by the OSD, the Joint Staff, the Combatant Headquarters, Military Department management headquarters, and other DoD management headquarters identified in DoDD 5100.73.

**Y215 Operation Planning and Control.** This function includes operations performed outside the management headquarters that directly support operational planning and control. This includes the development and integration of doctrine; force development planning and organizational concepts; materiel requirements definition and validation; development of strategy plans/policies (e.g., combat maneuver development), war plans, operations/contingency plans and strategic/ business plans; and support for other combat development programs and projects. This function is typically performed by such organizations as the Command and General Staff College, Service school’s combat development activities, Combined Arms Combat Development Activities, the Air Force Doctrine Center, TRADOC Operations Research Activity, Combined Arms Operation Research Activity (CAORA), and TRADOC Research Element Monterey (TREM). This function excludes training development operations coded U550 and readiness planning coded Y220.
Management Headquarters—Manpower Management.

This function includes oversight, direction, and control of subordinate manpower offices and centers through developing and issuing manpower management policies; providing policy guidance; reviewing and evaluating program performance; and, conducting or reviewing mid- and long-range planning, programming, and budgeting. This function is performed by major DoD headquarters activities identified in DoDD 5100.73.

Manpower Management Operations. This function includes manpower operations typically performed by manpower offices, centers, and field operating agencies (FOAs) at all levels within the Department. Manpower operations typically include assessing processes, procedures, and workload distribution; designing organizational structures; business process reengineering; validating workload and determining manpower requirements; and, tracking, reporting, and documenting manpower numbers. It includes determining manpower for existing or new mission requirements, new defense acquisition systems (e.g., major weapon systems and automated information systems), functional or mission realignments and transfers; downsizing and reinvention initiatives; and, process improvements. This function includes manpower support when determining manpower for: combat development; manpower mobilization planning; the defense planning, programming, and budget process; the manpower resource allocation process; the commercial activities program; and, other outsourcing and privatization initiatives. It also includes centralized control of information and data relating to missions, workload, and performance that support reengineering of functional processes and procedures and restructuring organizations.

Legal Services and Support. This function includes the management of, and operations typically performed by, legal offices at all levels within the DoD. Legal operations typically include, but are not limited to, legal advice to commanders, directors, managers, supervisors, and members of their organizations as well as to individual military members, civilian employees, eligible dependents, and retirees. This includes representation of DoD Components and organizations to other foreign, state, and local governments; other U.S. government agencies; and private organizations and persons.
This includes participation in administrative and judicial litigation (to include military justice); adjudication of military justice trial and appellate court cases; and, adjudication of claims and security clearance investigations. It also includes court reporting and legal and litigation studies.

**Y525 Protocol Operations.** This function includes program management and operational guidance of protocol operations to include providing liaison, coordination, and official representation services. This function includes providing advice and counsel to respective leadership and staff, and subordinate protocol offices regarding protocol matters and issues. This function also includes conducting and coordinating required support, and developing and determining the correct policy, guidance, plans, processes, and procedures to be used to ensure the appropriate orders of precedence and etiquette are followed when hosting or conducting various types of visitations, ceremonies, and events. It also may include providing official liaison between organizations both internal and external to the Department. This function does not include Public Affairs operations (coded Y515) that deal with issues of public interest and communicating with and informing the internal DoD and external publics on those issues. This function also does not include legislative liaison activities coded Y620. The protocol function may be performed by offices at all levels within the DoD.

**Y527 Other Protocol Activities.** This function includes protocol activities not addressed by other function codes.

**Y810 Management Headquarters—Administrative Support & Federal Compliance.** This function includes the oversight, direction, and control of administrative support programs, statutory programs (e.g., the Freedom of Information Program, the Defense Privacy Program, and the Federal Voting Assistance Program) and subordinate offices, centers, and libraries. This includes establishing policies, procedures and practices to ensure compliance with Federal guidelines (e.g., compliance with Paperwork Reduction Act and the Administrative Procedures Act); providing guidance on program implementation; analyzing, evaluating, reviewing performance; and where mandated, submission of statutory reports. This includes oversight of federal compliance of administrative programs,
administrative management and correspondence services; documentation services; directives and records management services; microfilming and library services; printing and reproduction services; and, document automation and production services. This function is performed by major DoD headquarters activities identified in DoDD 5100.73.

Y815  **Federal Compliance of Administrative Programs.** This function includes providing program management and operational guidance for the Freedom of Information Program, the Defense Privacy Program, the Federal Voting Assistance Program, Paperwork Reduction Act, and Administrative Procedures Act and other similar programs to ensure compliance with federal statutory and regulatory guidelines. This may include providing advice and assistance to senior leaders and staff at all levels of the Department. This also may include serving as the official spokesperson at the designated organizational level on program issues and matters.

Y820  **Administrative Management and Correspondence Services.** This function includes services typically performed by internal mail and messenger centers, administrative support offices and centers, as well as administrative support that is severable from the function it supports. It includes general clerical, secretarial, and administrative support duties; coordination, processing, and distribution of paper communications and general service messages; translation services; management and processing of forms; maintenance and control of administrative services contracts; travel charge card administration and management; and, other management record-keeping duties.

Z101  **Corps of Engineers Program and Project Management.** This function includes managerial and executive level activities associated with delivering individual Civil Works, Military Programs, and support for other projects (project management) or an aggregate of projects (program management) to U.S. Corps of Engineers (USACE) customers. This includes managing the development and justifying, defending, and executing a project or an aggregate of projects. Work is performed and decisions approved at the project level; performance and decisions receive supervisory review at the district level; and quality assurance reviews are accomplished at the division office level.
Z110 Management of Major Construction of Real Property. This function includes the supervision, inspection, and administration of contract construction work; technical assistance in contract negotiations; preparation of contract modifications; and, surveillance of construction projects. This includes the collection of engineering and design technical data; conduct of construction reviews before contract award; quality assurance of ongoing construction; documentation and commissioning for transfer of completed work to the appropriate agency; and, the technical and policy review of such work. This function includes, but is not limited to, performance by USACE. Within USACE, project work is performed and decisions approved at the project level; performance and decisions receive supervisory review at the district level; and, quality assurance reviews are performed at the division office.
APPENDIX B. CA FUNCTION CODES (N=52) COMPARED TO SHRM BODY OF KNOWLEDGE (N=87 LOADS)

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<th>Employee and Labor Relations</th>
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LIST OF REFERENCES


Lateral Transfer and Change of Designator Codes of Regular and Reserve Officer. Article 1212-010 (2002). Bureau of Naval Personnel: Millington, TN.


Department of the Navy, Office of the Chief of Naval Operations letter, (30 September 2004). FY2004 Navy Inherently Governmental and Commercial Activity (IG&CA) Inventory. Director, Total Force Programming and Manpower Division (N12), Washington, DC.


Five key HR competencies—and a toolkit to build them. HR Focus. (2003). New York.


United States Navy Chaplain Corps, Sea Chaplaincy 21, Producing Spiritually Fit Sea Warriors.


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