



**Emergency System for Advance Registration of Volunteer
Health Professionals (ESAR-VHP) Program**

**Interim Technical and Policy Guidelines,
Standards, and Definitions:
System Development Tools**

Interim: April 19, 2010

Department of Health and Human Services
Assistant Secretary for Preparedness and Response
Office of Preparedness and Emergency Operations
National Healthcare Preparedness Programs
Emergency System for Advance Registration of Volunteer Health Professionals
(ESAR-VHP)

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Introduction

Previous versions of the *Interim Technical and Policy Guidelines, Standards and Definitions* (Guidelines) provided information and guidance on ten diverse topics such as program planning, authorities and emergency operations, and system operations and maintenance. This document, however, focuses on providing the technical information that States need to develop systems capable of registering a wide range of health care volunteers, verify their credentials and qualifications, and assign volunteers to one of four credential levels. Non-technical information and guidance on planning and operational issues will appear in future versions of the Guidelines.

Included here are the new and updated interim standards for 20 health care professional occupations. These standards supplant the material in Chapters 4 and 12 of the June 2005 version of the *Interim Technical and Policy Guidelines, Standards and Definitions*. The occupations included in this document were chosen based on their ability to provide, or assist in providing, services needed to treat injuries and preserve life during or immediately following a declared emergency. Please review this document carefully as a number of changes have been made since the last version of the Guidelines was released. A “Summary of Changes” section has been added that identifies the major changes that have been made.

This document comprises three major sections: (1) *ESAR-VHP Compliance Requirements*; (2) *Credential Elements and Credential-Level Classification*; and (3) *Data Dictionary*.

The *ESAR-VHP Compliance Requirements* section specifies the capabilities and procedures that State ESAR-VHP programs must have in place to ensure effective management and inter-jurisdictional movement of volunteer health personnel in emergencies. This section incorporates a number of revisions and replaces the ESAR-VHP Draft Compliance Requirements dated October 31, 2006.

The *Credential Elements and Credential-Level Classification* section identifies the specific credentials and other qualifications that States must collect via their registration system for each of the 20 occupations. This section also identifies the verification requirements that States must adhere to when assigning a volunteer to one of the four credential levels that are described in further detail in this section.

The *Data Dictionary* section provides a detailed “Description” of the data elements that system developers must include in their State volunteer registration system. Data elements include information such as name, address, contact information, and occupation specific credentials and the data needed to verify them such as the name on a license, license number, and the date of expiration. Each data element is also coded to indicate whether the data element needs to be verified and whether it is to be used in assigning volunteers to a credential level. There are a few optional data elements identified that States may include or exclude at their own discretion. The *Data Dictionary* also contains additional, or suggested, information about each data element that system developers might find useful when developing their database, including: system nomenclature for each data element; a description of the data type; and a suggested field size for collecting each data element. Again, these additional items are provided for convenience and are not required to be used by any State.

Each State should continue to develop its volunteer registry in accordance with the standards presented here. Only through adherence to a common set of standards and guidelines will States be able to develop the capability to quickly and efficiently identify and respond to requests for volunteers from another State or the Federal government.

The development of the Guidelines is an iterative process. As a result, the ESAR-VHP program will continue to depend on having a close working relationship with the States and its other partners to develop the critical policies and procedures needed to govern the activation and deployment of volunteers during a declared emergency.

Table of Contents

Section	Page
INTRODUCTION.....	3
1.0 EMERGENCY SYSTEM FOR ADVANCE REGISTRATION OF VOLUNTEER HEALTH PROFESSIONALS (ESAR-VHP) COMPLIANCE REQUIREMENTS (REVISED MARCH 2010).....	12
1.1 ESAR-VHP ELECTRONIC SYSTEM REQUIREMENTS	12
1.2 ESAR-VHP OPERATIONAL REQUIREMENTS.....	14
1.3 ESAR-VHP EVALUATION AND REPORTING REQUIREMENTS.....	15
1.4 GLOSSARY.....	16
1.5 SUMMARY OF CHANGES.....	18
2.0 TOOL 1: CREDENTIAL ELEMENTS AND CREDENTIAL-LEVEL CLASSIFICATION	20
2.1 CREDENTIAL LEVELS	20
<i>ESAR-VHP Credential Level 1</i>	20
<i>ESAR-VHP Credential Level 2</i>	21
<i>ESAR-VHP Credential Level 3</i>	21
<i>ESAR-VHP Credential Level 4</i>	21
2.2 CREDENTIAL ELEMENTS.....	21
<i>Healthcare Diagnosing and Treating Professionals</i>	24
<i>Healthcare Technologists and Technicians</i>	37
3.0 TOOL 2: DATA DICTIONARY	46
3.1 NONPROFESSION-SPECIFIC DATA ELEMENTS.....	48
3.2 HEALTHCARE DIAGNOSING AND TREATING PROFESSIONALS	54
<i>Advanced Practice Registered Nurse</i>	54
<i>Clinical Social Worker</i>	58
<i>Dentist</i>	61
<i>Marriage and Family Therapist</i>	65
<i>Mental Health Counselor</i>	67
<i>Pharmacist</i>	70
<i>Physician</i>	74
<i>Physician Assistant</i>	78
<i>Psychologist</i>	82
<i>Registered Nurse</i>	86
<i>Respiratory Therapist</i>	90
<i>Veterinarian</i>	93
3.3 HEALTHCARE TECHNOLOGIST AND TECHNICIAN	97
<i>Cardiovascular Technologist and Technician</i>	97
<i>Diagnostic Medical Sonographer</i>	100
<i>Emergency Medical Technician and Paramedic</i>	102
<i>Licensed Practical Nurse/Licensed Vocational Nurse</i>	104
<i>Medical and Clinical Laboratory Technician</i>	106
<i>Medical and Clinical Laboratory Technologist</i>	109
<i>Medical Records and Health Information Technician</i>	112
<i>Radiologic Technologist and Technician</i>	114
APPENDIX A: VERIFICATION AUTHORITIES FOR CREDENTIALS REQUIRED FOR ASSIGNING ESAR-VHP LEVEL	118
ADVANCED PRACTICE REGISTERED NURSE: VERIFICATION AUTHORITIES	118
PHYSICIAN: VERIFICATION AUTHORITIES, AMERICAN BOARD OF MEDICAL SPECIALTIES AND SUBSPECIALTIES	119

PHYSICIAN: VERIFICATION AUTHORITIES, AMERICAN OSTEOPATHIC MEDICAL SPECIALTIES AND SUBSPECIALTIES	123
PHYSICIAN ASSISTANT: VERIFICATION AUTHORITIES	125
CARDIOVASCULAR TECHNOLOGIST/TECHNICIAN: VERIFICATION AUTHORITIES	125
DIAGNOSTIC MEDICAL SONOGRAPHER: VERIFICATION AUTHORITIES	125
EMERGENCY MEDICAL TECHNICIAN/PARAMEDIC: VERIFICATION AUTHORITIES	126
MEDICAL/CLINICAL LABORATORY TECHNICIAN: VERIFICATION AUTHORITIES.....	126
MEDICAL/CLINICAL LABORATORY TECHNOLOGIST: VERIFICATION AUTHORITIES	127
MEDICAL RECORDS/HEALTH INFORMATION TECHNICIAN: VERIFICATION AUTHORITIES	127
RADIOLOGIC TECHNOLOGIST/TECHNICIAN: VERIFICATION AUTHORITIES	128
APPENDIX B: VERIFICATION AUTHORITIES FOR CREDENTIALS NOT REQUIRED FOR ASSIGNING ESAR-VHP LEVEL	
.....	129
DENTIST: SPECIALTY VERIFICATION AUTHORITIES	129
MENTAL HEALTH COUNSELOR: VERIFICATION AUTHORITIES	130
PHARMACIST: VERIFICATION AUTHORITIES.....	130
PSYCHOLOGIST: VERIFICATION AUTHORITIES	131
REGISTERED NURSE: VERIFICATION AUTHORITIES (<i>SEE APRN SECTION IN APPENDIX A FOR ADVANCED PRACTITIONER CERTIFICATIONS.</i>)	
.....	132
RESPIRATORY THERAPIST: VERIFICATION AUTHORITIES	135
VETERINARIAN: AMERICAN BOARDS OF VETERINARY SPECIALISTS OF THE AMERICAN VETERINARY MEDICAL ASSOCIATION	136
APPENDIX C: THE UNITED STATES AND U.S. MUNICIPALITIES, DEPENDENCIES, AND FORMER DEPENDENCIES .	138
APPENDIX D: SELECTED LANGUAGES USED IN THE UNITED STATES AND U.S. DEPENDENCIES AND FORMER DEPENDENCIES	139

List of Exhibits

Exhibits	Page
Table 2-1. Master List: ESAR-VHP Required Credentials and Relevant Verification Authorities	22
Table 2-2. Advanced Practice Registered Nurse: Credential Elements and Associated Credential Levels.....	24
Table 2-3. Clinical Social Worker: Credential Elements and Associated Credential Levels	26
Table 2-4. Dentist: Credential Elements and Associated Credential Levels	27
Table 2-5. Marriage and Family Therapist: Credential Elements and Associated Credential Levels	28
Table 2-6. Mental Health Counselor: Credential Elements and Associated Credential Levels.....	29
Table 2-7. Pharmacist: Credential Elements and Associated Credential Levels	30
Table 2-8. Physician: Credential Elements and Associated Credential Levels	31
Table 2-9. Physician Assistant: Credential Elements and Associated Credential Levels.....	32
Table 2-10. Psychologist: Credential Elements and Associated Credential Levels	33
Table 2-11. Registered Nurse: Credential Elements and Associated Credential Levels	34
Table 2-12. Respiratory Therapist: Credential Elements and Associated Credential Levels	35
Table 2-13. Veterinarian: Credential Elements and Associated Credential Levels	36
Table 2-14. Cardiovascular Technologist/Technician: Credential Elements and Associated Credential Levels	37
Table 2-15. Diagnostic Medical Sonographer: Credential Elements and Associated Credential Levels.....	38
Table 2-16. Emergency Medical Technician/Paramedic: Credential Elements and Associated Credential Levels.....	39
Table 2-17. Licensed Practical Nurse/Licensed Vocational Nurse: Credential Elements and Associated Credential Levels	40
Table 2-18. Medical/Clinical Laboratory Technician: Credential Elements and Associated Credential Levels.....	41
Table 2-19. Medical/Clinical Laboratory Technologist: Credential Elements and Associated Credential Levels	42
Table 2-20. Medical Records/Health Information Technician: Credential Elements and Associated Credential Levels	43
Table 2-21. Radiologic Technologist/Technician: Credential Elements and Associated Credential Levels	44
Table 3-1. Identity or Personal Information	48
Table 3-2. Contact Information.....	48
Table 3-3. Emergency Contact Information.....	49
Table 3-4. Consents and Pledges	50
Table 3-5. Deployment Preferences	50
Table 3-6. Language Skills	51
Table 3-7. Disaster Training	51
Table 3-8. Volunteer Affiliations.....	51

Table 3-9. Education	52
Table 3-10. Experience	53
Table 3-11. APRN Unencumbered License or Equivalent State Authorization	54
Table 3-12. APRN Specialty Certification	54
Table 3-13. APRN Clinically active in a hospital	55
Table 3-14. APRN Clinically Active	56
Table 3-15. APRN Record of Adverse Actions	57
Table 3-16. APRN Inspector General Status.....	57
Table 3-17. APRN DEA Registration	57
Table 3-18. CSW Unencumbered License or Equivalent State Authorization	58
Table 3-19. CSW Clinically active in a hospital.....	59
Table 3-20. CSW Clinically Active.....	59
Table 3-21. CSW Inspector General Status	60
Table 3-22. Dentist Unencumbered License or Equivalent State Authorization	61
Table 3-23. Dentist Specialty Certification.....	61
Table 3-24. Dentist Clinically active in a hospital.....	62
Table 3-25. Dentist Clinically Active.....	63
Table 3-26. Dentist Record of Adverse Actions	64
Table 3-27. Dentist Inspector General Status.....	64
Table 3-28. Dentist DEA Registration.....	64
Table 3-29. MFT Unencumbered License or Equivalent State Authorization.....	65
Table 3-30. MFT Clinically active in a hospital	66
Table 3-31. MFT Clinically Active	66
Table 3-32. MFT Inspector General Status	67
Table 3-33. MHC Unencumbered License or Equivalent State Authorization	67
Table 3-34. MHC Certification/Registration	68
Table 3-35. MHC Clinically active in a hospital	68
Table 3-36. MHC Clinically Active	69
Table 3-37. MHC Inspector General Status.....	70
Table 3-38. Pharmacist Unencumbered License or Equivalent State Authorization	70
Table 3-39. Pharmacist Specialty Certification	71

Table 3-40. Pharmacist Clinically active in a hospital	71
Table 3-41. Pharmacist Clinically Active	72
Table 3-42. Pharmacist Inspector General Status.....	73
Table 3-43. Pharmacist DEA Registration	73
Table 3-44. Physician Unencumbered License or Equivalent State Authorization	74
Table 3-45. Physician Specialty Certification	74
Table 3-46. Physician Clinically active in a hospital	76
Table 3-47. Physician Clinically Active	76
Table 3-48. Physician Record of Adverse Actions	77
Table 3-49. Physician Inspector General Status.....	77
Table 3-50. Physician DEA Registration	78
Table 3-51. PA Unencumbered License or Equivalent State Authorization.....	78
Table 3-52. PA Certification/Registration	79
Table 3-53. PA Clinically active in a hospital.....	79
Table 3-54. PA Clinically Active	80
Table 3-55. PA Record of Adverse Actions.....	81
Table 3-56. PA Inspector General Status	81
Table 3-57. PA DEA Registration	81
Table 3-58. Psychologist Unencumbered License or Equivalent State Authorization	82
Table 3-59. Psychologist Specialty Certification	83
Table 3-60. Psychologist Clinically active in a hospital	84
Table 3-61. Psychologist Clinically Active	84
Table 3-62. Psychologist Record of Adverse Actions.....	85
Table 3-63. Psychologist Inspector General Status.....	85
Table 3-64. Psychologist DEA Registration	86
Table 3-65. RN Unencumbered License or Equivalent State Authorization	86
Table 3-66. RN Specialty Certification	87
Table 3-67. RN Skill by Practical Experience Without Formal Training.....	88
Table 3-68. RN Clinically active in a hospital.....	88
Table 3-69. RN Clinically Active.....	89
Table 3-70. RN Inspector General Status.....	89
Table 3-71. RT Unencumbered License or Equivalent State Authorization	90

Table 3-72. RT Certification/Registration	91
Table 3-73. RT Specialty Certification	91
Table 3-74. RT Clinically active in a hospital	92
Table 3-75. RT Clinically Active	92
Table 3-76. RT Inspector General Status	93
Table 3-77. Veterinarian Unencumbered License or Equivalent State Authorization	93
Table 3-78. Veterinarian Specialty Certification	94
Table 3-79. Veterinarian Clinically Active	95
Table 3-80. Veterinarian Inspector General Status	96
Table 3-81. Veterinarian DEA Registration	96
Table 3-82. Cardiovascular Technologist and Technician Unencumbered License or Equivalent State Authorization	97
Table 3-83. Cardiovascular Technologist and Technician Certification/Registration	98
Table 3-84. Cardiovascular Technologist and Technician Clinically active in a hospital	98
Table 3-85. Cardiovascular Technologist and Technician Clinically Active	99
Table 3-86. Cardiovascular Technologist and Technician Inspector General Status	99
Table 3-87. DMS Certification/Registration	100
Table 3-88. DMS Clinically active in a hospital.....	101
Table 3-89. DMS Clinically Active.....	101
Table 3-90. DMS Inspector General Status.....	102
Table 3-91. EMT and Paramedic Unencumbered License or Equivalent State Authority.....	102
Table 3-92. EMT and Paramedic Certification/Registration	103
Table 3-93. EMT and Paramedic Clinically Active	103
Table 3-94. EMT and Paramedic Inspector General Status	104
Table 3-95. LPN and LVN Unencumbered License or Equivalent State Authority	104
Table 3-96. LPN and LVN Clinically active in a hospital.....	105
Table 3-97. LPN and LVN Clinically Active.....	105
Table 3-98. LPN and LVN Inspector General Status	106
Table 3-99. Medical and Clinical Laboratory Technician Unencumbered License or Equivalent State Authority	106
Table 3-100. Medical and Clinical Laboratory Technician Certification/Registration.....	107
Table 3-101. Medical and Clinical Laboratory Technician Clinically active in a hospital	108
Table 3-102. Medical and Clinical Laboratory Technician Clinically Active	108

Table 3-103. Medical and Clinical Laboratory Technician Inspector General Status.....	109
Table 3-104. Medical and Clinical Laboratory Technologist Unencumbered License or Equivalent State Authority.....	109
Table 3-105: Medical and Clinical Laboratory Technologist Certification/Registration	110
Table 3-106. Medical and Clinical Laboratory Technologist Clinically active in a hospital	110
Table 3-107. Medical and Clinical Laboratory Technologist Clinically Active	111
Table 3-108. Medical and Clinical Laboratory Technologist Inspector General Status	111
Table 3-109. Medical Records and Health Information Technician Certification/Registration	112
Table 3-110. Medical Records and Health Information Technician Clinically active in a hospital.....	113
Table 3-111. Medical Records and Health Information Technician Clinically Active.....	113
Table 3-112. Medical Records/Health Information Technician Inspector General Status	114
Table 3-113. Radiologic Technologist and Technician Unencumbered License or Equivalent State Authority.....	114
Table 3-114. Radiologic Technologist and Technician Certification/Registration	115
Table 3-115. Radiologic Technologist and Technician Specialty Certification	115
Table 3-116. Radiologic Technologist and Technician Clinically active in a hospital	116
Table 3-117. Radiologic Technologist and Technician Clinically Active	116
Table 3-118. Radiologic Technologist and Technician Inspector General Status	117

1.0 Emergency System for Advance Registration of Volunteer Health Professionals (ESAR-VHP) Compliance Requirements (revised March 2010)

The ESAR-VHP compliance requirements identify capabilities and procedures that State¹ ESAR-VHP programs must have in place to ensure effective management and inter-jurisdictional movement of volunteer health personnel in emergencies. Each State must meet all of the compliance requirements.

1.1 ESAR-VHP Electronic System Requirements

1. Each State is required to develop an electronic registration system for recording and managing volunteer information based on the data definitions presented in the *Interim ESAR-VHP Technical and Policy Guidelines, Standards and Definitions (Guidelines)*.

These systems must:

- a) Offer Internet-based registration. Information must be controlled and managed by authorized personnel who are responsible for the data.
- b) Ensure that volunteer information is collected, assembled, maintained and utilized in a manner consistent with all Federal, State and local laws governing security and confidentiality.
- c) Identify volunteers via queries of variables as defined by requestor.
- d) Ensure that each State ESAR-VHP System is both backed up on a regular basis and that the backup is not co-located.

Each electronic system must be able to register and collect the credentials and qualifications of health professionals that are then verified with the issuing entity or appropriate authority identified in the *ESAR-VHP Guidelines*.

- a) Each State must collect and verify the credentials and qualifications of the following health professionals. Beyond this list of occupations, a State may register volunteers from any other occupation it chooses. The standards and requirements for including additional occupations are left to the States.
 - 1) Physicians (Allopathic and Osteopathic)
 - 2) Registered Nurses
 - 3) Advanced Practice Registered Nurses (APRNs) including Nurse Practitioners, Certified Nurse Anesthetists, Certified Nurse Midwives, and Clinical Nurse Specialists
 - 4) Pharmacists

¹ For purpose of this document, State refers to States, Territories, New York City, Chicago, Los Angeles County, the District of Columbia, Commonwealths, or the sovereign nations of Palau, Marshall Islands, and Federated States of Micronesia.

- 5) Psychologists
- 6) Clinical Social Workers
- 7) Mental Health Counselors
- 8) Radiologic Technologists and Technicians
- 9) Respiratory Therapists
- 10) Medical and Clinical Laboratory Technologists
- 11) Medical and Clinical Laboratory Technicians
- 12) Licensed Practical Nurses and Licensed Vocational Nurses
- 13) Dentists
- 14) Marriage and Family Therapists
- 15) Physician Assistants
- 16) Veterinarians
- 17) Cardiovascular Technologists and Technicians
- 18) Diagnostic Medical Sonographers
- 19) Emergency Medical Technicians and Paramedics
- 20) Medical Records and Health Information Technicians

- b) States must add additional professions to their systems as they are added to future versions of the *ESAR-VHP Guidelines*.
2. Each electronic system must be able to assign volunteers to all four ESAR-VHP credential levels. Assignment will be based on the credentials and qualifications that the State has collected and verified with the issuing entity or appropriate authority.
3. Each electronic system must be able to record ALL volunteer health professional/emergency preparedness affiliations of an individual, including local, State, and Federal entities.

The purpose of this requirement is to avoid the potential confusion that may arise from having a volunteer appear in multiple registration systems (e.g., Medical Reserve Corps (MRC), National Disaster Medical System (NDMS), etc.).

4. Each electronic system must be able to identify volunteers willing to participate in a Federally coordinated emergency response.
 - a) Each electronic system must query volunteers upon initial registration and/or re-verification of credentials about their willingness to participate in emergency responses coordinated by the Federal government. Responses to this question, posed in advance of an emergency, will provide the Federal government with an estimate of the potential volunteer pool that may be available from the States upon request.
 - b) If a volunteer responds “Yes” to the Federal question, States may be required to collect additional information (e.g., training, physical and medical status, etc.).
 5. Each State must be able to update volunteer information and re-verify credentials every 6 months.

Note: ASPR is reviewing this requirement regularly for possible adjustments based on the experience of the States.

1.2 ESAR-VHP Operational Requirements

1. Upon receipt of a request for volunteers from any governmental agency or recognized emergency response entity, all States must: 1) within 2 hours query the electronic system to generate a list of potential volunteer health professionals to contact; 2) contact potential volunteers; 3) within 12 hours provide the requester an initial list of willing volunteer health professionals that includes the names, qualifications, credentials, and credential levels of volunteers; and 4) within 24 hours provide the requester with a verified list of available volunteer health professionals.
2. All States are required to develop and implement a plan to recruit and retain volunteers. ASPR will assist States in meeting this requirement by providing professional assistance to develop a National public education campaign, tools for accessing State enrollment sites, and customized State recruitment and retention plans. This will be carried out in conjunction with existing recruitment and retention practices utilized by States.
3. Each State must develop a plan for coordinating with all volunteer health professional/emergency preparedness entities to ensure an efficient response to an emergency, including, but not limited to, Medical Reserve Corps (MRC) units and the National Disaster Medical System (NDMS) teams.
4. Each State must develop protocols for deploying and tracking volunteers during an emergency (Mobilization Protocols):
 - a) Each State is required to develop written protocols that govern the internal activation, operation, and timeframes of the ESAR-VHP system in response to an emergency. Included in these protocols must be plans to track volunteers during an emergency and for maintaining a history of volunteer deployments. ASPR may ask for copies of these protocols as a means of documenting compliance. ASPR will include protocol models in future versions of the *ESAR-VHP Guidelines*.
 - b) Each State ESAR-VHP program is required to establish a working relationship with external partners, such as the local and/or State Emergency Management Agency and develop protocols outlining the required actions for deploying volunteers during an emergency. These protocols must ensure 24 hour/7 days-a-week accessibility to the ESAR-VHP system. Major areas of focus include:
 - 1) Intrastate deployment: States must develop protocols that coordinate the use of ESAR-VHP volunteers with those from other volunteer organizations, such as the Medical Reserve Corps (MRC).
 - 2) Interstate deployment: States must develop protocols outlining the steps needed to respond to requests for volunteers received from another State. States that have provisions for making volunteers employees or agents of the State must also develop protocols for deployment of volunteers to other States through the State Emergency Management Agency via the Emergency Management Assistance Compact (EMAC).

Each State must have a process for receiving and maintaining the security of volunteers' personal information sent to them from another State and procedures for destroying the information when it is no longer needed.

- 3) Federal deployment: Each State must develop protocols necessary to respond to requests for volunteers that are received from the Federal government. Further, each State must adhere to the protocol developed by the Federal government that governs the process for receiving requests for volunteers, identifying willing and available volunteers, and providing each volunteer's credentials to the Federal government.

1.3 ESAR-VHP Evaluation and Reporting Requirements

1. Each State must develop a plan for regular testing of its ESAR-VHP system through drills and exercises. These exercises must be consistent with the ASPR Hospital Preparedness Program (HPP), Centers for Disease Control and Prevention (CDC) Public Health Emergency Preparedness (PHEP) Program, and ASPR ESAR-VHP Program requirements for drills and exercises.
2. Each State must develop a plan for reporting program performance and capabilities. Each State will be required to report program performance and capabilities data as specified by the ASPR Hospital Preparedness Program (HPP), CDC Public Health Emergency Preparedness (PHEP) Program, and/or the ASPR ESAR-VHP Program. States will report the number of enrolled volunteers by profession and credential level, the addition of program capabilities as they are implemented, and program activity during responses to actual events.

1.4 Glossary

Terms used in this ESAR-VHP publication.

authority	Constitutional, statutory, regulatory, or other legal powers of State governments to control functions of the State's ESAR-VHP systems.
background check	Search for existence of criminal records for an applicant.
Boolean or Y/N	Data field that stores the value "true" or "false" and is useful for asking ESAR-VHP applicants to answer "yes/no" or "true/false" questions.
certification	Formal document that shows an applicant has successfully completed the education, training, and experience needed to specialize in a certain healthcare area. <i>Registration</i> and <i>certification</i> are sometimes synonymous; both often require education, training, and passing an examination. Certification or registration is sometimes a prerequisite for taking a State licensure examination or, sometimes, accepted in lieu of taking a licensure examination.
credential	License, diploma, or other documented evidence of, or testimony to, a person's education, training, or other abilities.
credential level	One of four categories in which volunteers are assigned based on the number of credentials and other qualifications that can be verified. Each level helps identify how volunteers might best be used.
database	Collection of data stored in an electronic system that can be arranged, displayed, and printed in various forms without affecting data integrity.
database label	Field name composed of only alphanumeric characters and underscores; no spaces or other types of characters allowed.
data element	Discrete piece of information about a volunteer that is stored in a database.
date type	A field that can store a valid, formatted date.
disaster	As referenced in the Homeland Security Act of 2002, includes both natural disasters and severe fires, floods, and explosions, regardless of cause. (Adopted from the Robert T. Stafford Disaster Relief and Emergency Assistance Act. (2002), Pub. L. 106-390)
equivalent State authorization	Any recognized authority, governmental or private, that can issue documentation attesting to the legitimacy of an applicant's credentials (e.g., registration with the National Registry of Emergency Medical Technicians, certification issued by the National Board for Respiratory Care, certification issued by the American Registry of Radiologic Technologists).
healthcare volunteer	A qualified healthcare professional who voluntarily renders aid or performs a health service without pay or other remuneration.

Inspector General status	Whether or not a specific healthcare practitioner is on the List of Excluded Individuals/Entities maintained by the Office of the Inspector General, DHHS and, therefore, barred from participating in a Federally funded healthcare program. Among the reasons for inclusion in the list are convictions for program-related fraud, patient abuse, adverse license-board actions, and default on a Health Education Assistance Loan. The List of Excluded Individuals/Entities can be found at http://oig.hhs.gov/fraud/exclusions/listofexcluded.html
jurisdiction	A county, municipality, city, town, township, local public authority, school district, special district, intrastate district, council of governments (regardless of whether the council of governments is incorporated as a nonprofit corporation under State law), regional or interstate government entity, or local government agency or instrumentality; an Indian tribe or authorized tribal organization, or, in Alaska, a Native village or Alaska Regional Native Corporation; a rural community, unincorporated town or village, or other public entity. (Adopted from the definition for "local government" in Section 2 (10), Homeland Security Act of 2002, Pub. L. 107-296, 116 Stat. 2135 [2002].)
licensure	Affirmation by a duly constituted government, usually the State, that a specific individual has met certain prescribed qualifications and is therefore recognized under law to engage in certain activities.
nomenclature	Suggested title for each data element included in the ESAR-VHP database.
public health emergency	An occurrence or imminent threat of an illness or health condition that is caused by: (1) bioterrorism; (2) a novel or previously controlled disease or biological toxin; (3) a natural disaster; (4) a chemical attack or accidental release; or (5) a nuclear attack or accident. In addition, the occurrence must pose a high probability of large numbers of deaths, disabilities, or substantial risk of future harm to a large number of people in the affected population. The definition of "public health emergency" varies from State to State. The above is based on the Model State Emergency Health Powers Act, which many States have adopted, in whole or in part.
privileges	Authorization from an employer, such as a hospital, entitling certain healthcare professionals (advanced practice registered nurse, dentist, physician [doctor of medicine and doctor of osteopathy], physician assistant, and psychologist) to provide patient care, treatment, and services at that hospital.
registration	See <i>certification</i> .
situational orientation	On-the-spot explanation of a specific event relayed to emergency responders to help them provide an appropriate and efficient response.
specialty certification	Recognition by a recognized national certifying organization of a healthcare professional's education, training, and skills in a specialty practice area of his or her profession.
string	Data field that can store any type of text information and has a predetermined size limit. Allowable values are numbers, letters, punctuation, symbols, or all displayable ASCII characters for a specific code page (e.g., unicode or U.S. English).
Unencumbered license	Free of any licensure restriction that impedes or prohibits the ability of a license holder to practice within the profession.

1.5 Summary of Changes

In addition to expanding the *Guidelines* to include standards for registering 20 types of health professionals, a number of other changes have been made. These changes include the creation of a new occupation to replace two of the existing occupations and changes to the list of specific credentials or qualifications that need verification prior to assigning volunteers to a credential level. The following identifies and provides a rationale for changes that have been made since the June 2005 release of the *Interim Technical and Policy Guidelines Standards, and Definitions, Version 2*:

1. A ***Clinical Social Worker*** occupation was added and the ***Medical and Public Health Social Workers*** and ***Mental Health and Substance Abuse Social Workers*** were dropped.

This change was adopted because it was generally felt that the *Clinical Social Worker* title is more widely recognized by the health care community; that it clearly identifies a healthcare professional capable of providing independent care; and that most social workers in the medical and public health and mental health and substance areas are clinical social workers.

2. ***Degree or Diploma***: The need to verify a volunteer's *degree or diploma* has been dropped as a required element for assigning a volunteer to Levels 1, 2, or 3. Confirming a volunteer's education or experience is only required for assignment to Level 4.

The decision to drop *degree or diploma* is based on the assumption that a volunteer must demonstrate successful completion of all educational requirements and possess a degree or diploma as a prerequisite for licensure or certification. Demonstration that a volunteer has the education or experience in a certain profession represents the minimum qualifications and has been deemed sufficient for assignment to Level 4.

3. ***Specialty Certification/Registration***: This credential was added to differentiate it from general certification.

Some occupations offer both general and subspecialty certification and it would be valuable to know both. For instance, a physician board certified in family medicine could also have subspecialty certification in geriatrics.

4. ***Active Clinical (Hospital) Privileges***: Renamed *Clinically active in a hospital*. Verification that a health care volunteer is actively engaged in providing clinical care, either as a hospital employee or by virtue of having hospital privileges, is now a requirement for assignment to Level 1 for all occupations, not just physicians.

Hospital representatives have indicated that other than verification of licensure, the single most important qualification they would look for when considering whether to use a volunteer is to know if the volunteer has privileges or is employed in a hospital.

5. ***National Practitioner Data Bank***: This qualification has been renamed *Adverse Actions*.

ASPR is exploring means of identifying adverse actions taken against the licenses or certifications of health professionals. With respect to physicians and physician assistants, ASPR has established an agreement with the Federation of State Medical Boards (FSMB) to provide information on adverse actions taken against physicians and physician assistants seeking to register as ESAR-VHP volunteers. States should work with ASPR to obtain access to it and are required to query this database.

6. ***Inspector General Status:*** All volunteers at all credential levels must meet this qualification and any individual whose name appears on the List of Excluded Individuals/Entities (LEIE) is to be excluded as a volunteer.

The list identifies individuals who have been excluded from billing Medicare, Medicaid, and other Federally funded healthcare programs due to fraud, patient abuse, or licensing board actions that have been taken against them. In addition, no payment will be made by Federal programs to any entity employing an excluded individual. The LEIE is maintained by the Department of Health and Human Services, Office of the Inspector General, and is available free of charge. The web site from which the list can be downloaded or queried is <http://oig.hhs.gov/fraud/exclusions/listofexcluded.html>.

7. ***Data elements:*** A revised and expanded set of data elements for use in developing a volunteer database is provided. The data elements are provided to help States develop registries that use common nomenclature.

2.0 Tool 1: Credential Elements and Credential-Level Classification

This section of the manual provides the specific information that States will need to collect and then examine or verify prior to registering and classifying healthcare volunteers from a specified set of occupations. Beyond this list of occupations, a State may register volunteers from any other occupation it chooses. The standards and requirements for including additional occupations are left to the States.

ASPR feels that the 20 healthcare occupations described in tables 1-2 to 1-21 are critical to rendering aid in a disaster and must therefore be included in each State's registration system. The three criteria ASPR uses for identifying such critical healthcare occupations are as follows:

- The occupation is consistent with the Standard Occupational Classification System published by the U.S. Office of Management and Budget and has discrete duties and responsibilities;
- The primary duties and responsibilities of the occupation are to provide direct patient care or services that assist with direct patient care (or assist in providing care to populations); and
- Verifiable and obtainable credentials must exist for the occupation.

ASPR may identify additional occupations for inclusion in State registries at a later time. States may, at their own discretion, add additional occupations to their registry.

2.1 Credential Levels

To make the most effective use of healthcare workers who may have varying levels of clinical competency, ASPR has also developed a system of classifying and assigning volunteers into one of four "credential levels." Following is a basic description of what is required for assignment to each credential level, why each credential level was developed, and how volunteers in each level might be used in a disaster.

ESAR-VHP Credential Level 1

Level 1 ensures that an adequate supply of hospital-qualified health professionals is available to work in hospitals in times of an emergency. Hospital-qualified health professionals are distinguished from other health professionals through a rigorous and constant review of credentials and performance. ASPR standards for assignment to Credential Level 1 were developed in consultation with the hospital industry and reflect the level of review hospitals would require before accepting a volunteer into their facility.

Assignment to Level 1 requires confirmation that the volunteer is clinically active in a hospital, either as an employee or by virtue of having hospital privileges. Implicit in this requirement is the ability to practice in a full and unrestricted manner within the State and meet other occupational specific qualifications identified later in this document.

ESAR-VHP Credential Level 2

Level 2 ensures the availability of highly qualified individuals who may deliver services in a wide variety of settings such as clinics, nursing homes, and shelters. Typically, these health professionals possess all the credentials and qualifications of a Level 1 health professional except that they are not employed in a hospital nor do they have hospital privileges.

Assignment to Level 2 requires confirmation that the volunteer is clinically active in any setting other than a hospital (e.g., clinic, private practice, nursing home, etc.). Implicit in this requirement is the ability to practice in a full and unrestricted manner within the State and meet other occupational specific qualifications identified later in this document.

ESAR-VHP Credential Level 3

Level 3 classifies individuals who meet the basic qualifications necessary to practice in the State in which they are registered.

Assignment to Level 3 requires verification of a volunteer's license, certification, or other State requirement to practice. In situations where the State does not govern a profession, ASPR has identified requirements that are deemed to be usual and customary for employment in the profession, which must be verified.

ESAR-VHP Credential Level 4

Level 4 classifies individuals who have healthcare experience or education in an area that would be useful in providing basic healthcare not controlled by scope of practice laws and to assist clinicians.

Assignment to Level 4 requires that the volunteer possess verified documentation of healthcare education or experience. This level may include, but is not limited to, healthcare students or retired healthcare professionals who no longer hold a license.

2.2 Credential Elements

Table 2-1 lists, in the aggregate, the credential and qualification information that an ESAR-VHP system must currently be able to collect and verify. However, the number and type of credentials required of each applicant can differ from profession to profession. For example, the ESAR-VHP system collects information on DEA registration only from applicants whose professions allow them to prescribe or dispense medication. Similarly, not all occupations require a State license or other State authorization to practice.

Note that the only requirement that must be met by all volunteers types across all credential levels is that the individual not be included on the U.S. Department of Health and Human Services, Office of the Inspector General's, List of Excluded Individuals/Entities (LEIE). Individuals whose name appears on this list, and employers who employ them, are excluded from participating in Federally funded programs such as Medicare and Medicaid. This is available at <http://oig.hhs.gov/fraud/exclusions/listofexcluded.html>.

Table 2-1. Master List: ESAR-VHP Required Credentials and Relevant Verification Authorities

Credential	Evidence of Credential or Qualification	Verification Mechanism
Unencumbered, current, professional license or other State authorization to practice	Unencumbered, current, professional license or other State authorization to practice	Verification from appropriate State licensing board
Certification/registration	Profession-specific certification or registration	Depending on occupation, verification from issuing organization or self-report
Professional specialty certification	Profession-specific specialty certification	Depending on occupation, verification from issuing organization or self-report
Clinically active in a hospital	Current clinical practice in a hospital, either as an employee or via possession of clinical privileges	Verification from hospital
Clinically active	Current clinical practice in any setting other than a hospital	Verification of employment from employer or, in the case of a private practitioner, from a professional peer
DEA registration	Documentation of DEA registration granting prescriptive privileges	Verification from Drug Enforcement Administration
Record of adverse actions	Applicant has no active disciplinary action against license, certification, or privileges	Depending on occupation, verification To Be Determined (TBD)*
Inspector General status	Applicant is not excluded from participating in any Federally funded healthcare programs	Verification from State that applicant does not appear on the current DHHS-OIG List of Excluded Individuals/Entities (LEIE)
Education	Professional degree or diploma	Verification from educational institution
Experience	Documentation of experience	Verification from employer

*ASPR is exploring means of identifying adverse actions taken against the licenses or certifications of health professionals. With respect to physicians and physician assistants, ASPR has established an agreement with the Federation of State Medical Boards (FSMB) to provide information on adverse actions taken against physicians and physician assistants seeking to register as ESAR-VHP volunteers. States should work with ASPR to obtain access to it and are required to query to this database.

Tables 2-2 to 2-21 below explain the scope of work for each of the 20 professions included in this document. They also define, per profession, the set of credentials that must be collected, verified, and then used in assigning a volunteer-applicant to a credential level.

The certifying bodies and the certifications/registrations that need verification as a condition for credential level assignment appear in appendix A. Only credentials from these organizations are

acceptable for assignment to a credential level. Verification authorities for credentials that are required, but do not enter into a credential-level determination, are listed in appendix B.

The tables 2-2 to 2-21 display the credential-level requirements for each profession, with the occupations grouped alphabetically under one of two categories: (1) health-diagnosing and -treating professions, followed by (2) health technologists and technicians.

The left-hand column displays the credentials that ASPR requires of a volunteer-applicant during registration. The check marks in columns numbered 1, 2, 3, and 4 identify the occupation-specific credentials ASPR requires per profession. Once verified, these data will determine the relevant credential-level for an applicant. Upon assignment to a credential level, the applicant achieves volunteer status. If a State cannot verify all the credentials needed to assign the applicant to one of the four levels, the applicant cannot be accepted as a healthcare volunteer. Notes under the tables describe special circumstances associated with a particular credential for that occupation.

Healthcare Diagnosing and Treating Professionals

Advanced Practice Registered Nurse (APRN)

The advanced practice registered nurse is a registered nurse who has met the educational and clinical-practice requirements for working as a nurse practitioner, clinical nurse specialist, certified nurse midwife, or certified nurse anesthetist, and has passed an advanced practice certification exam. APRNs are State-approved to practice collaboratively with, or independently of, another healthcare professional in a range of settings: home, hospital, institution, office, industry, school, community agency, public or private clinic, private practice, etc.

Services include diagnosing and managing common acute illnesses and chronic stable conditions, making referrals, and conducting comprehensive healthcare assessments focused on health promotion and disease prevention.

APRN credentials that require verification for credential-level assignment are shown below.

Table 2-2. Advanced Practice Registered Nurse: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice*	✓	✓	✓	
Certification/registration				
Specialty certification [†]	✓	✓	✓	
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions	TBD	TBD	TBD	
Inspector General status	✓	✓	✓	✓
DEA registration ^{ss}	✓	✓		
Education or Experience				✓

✓ Verified credential

* *Unencumbered license or equivalent State authorization to practice:* All States that allow APRNs to practice in their State require APRNs to acquire an additional license specifying in which category they fall. Depending on the State, the State may issue either a separate license or add a special designation to the APRN's RN license. As of March 2006, Georgia was the only State that did not recognize APRNs in some capacity.

Some APRNs have been grandfathered into the profession. Even if not master's degree-prepared or certified by a national certifying organization, they still retain the authority to practice as an APRN.

† *Specialty certification:* APRN categories and specialties within the category and their verification authorities are listed by category in appendix A. Verification can be done through State licensing boards.

§§ *DEA registration*: Only nurse practitioners are eligible to obtain a DEA license, and then only in some States. Verification of a DEA license is required only for an NP in States allowing NPs to prescribe medications.

Clinical Social Worker (CSW)

Clinical social workers provide mental health services for the prevention, diagnosis, and treatment of mental, behavioral, and emotional disorders in individuals, families, and groups. Their goal is to enhance and maintain their patients' physical, psychological, and social function.

Various nongovernmental organizations offer certification or registration to individuals in various specialties within this profession. Although not needed to qualify as an ESAR-VHP volunteer, these credentials may provide useful information about a volunteer's capability in an emergency.

CSW credentials that require verification for credential-level assignment are shown below.

Table 2-3. Clinical Social Worker: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice	✓	✓	✓	
Certification/registration				
Specialty certification/registration				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions				
Inspector General status	✓	✓	✓	✓
DEA registration				
Education or Experience				✓

✓ Verified credential

Dentist (DDS)

The dentist diagnoses, prevents, and treats diseases, injuries, and malformations of the teeth, gums, and related oral structures. Dentists fill cavities, straighten teeth, and repair fractured teeth. They also extract and replace missing teeth, treat dental tissue-disease affecting vitality of teeth, and provide instruction on diet as related to dental health. The dentist may also possess a State-issued certificate to administer general anesthesia in an office setting.

DDS credentials that require verification for credential-level assignment are shown below.

Table 2-4. Dentist: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice*	✓	✓	✓	
Certification/registration				
Specialty certification				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions	TBD	TBD	TBD	
Inspector General status	✓	✓	✓	✓
DEA registration	✓	✓		
Education or Experience				✓

✓ Verified credential

Marriage and Family Therapist (MFT)

A marriage and family therapist is a mental health professional trained in psychotherapy and family systems and is qualified to diagnose and treat mental and emotional disorders within the context of various family systems.

MFT credentials that require verification for credential-level assignment are shown below.

Table 2-5. Marriage and Family Therapist: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice*	✓	✓	✓	
Certification/registration				
Specialty certification/registration				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions				
Inspector General status	✓	✓	✓	✓
DEA registration				
Education or Experience				✓

✓Verified credential

* *Unencumbered license or equivalent State authorization to practice:* As of March 2006, 48 States licensed or certified marriage and family therapists.

Mental Health Counselor (MHC)

A mental health counselor counsels individuals and groups in order to promote optimum mental health with an emphasis on prevention. MHCs help people deal with addiction and substance-abuse; family-, parenting-, and marital-problems; suicidal thinking; stress management; problems with self-esteem; and issues associated with aging and mental and emotional health.

Various nongovernmental organizations offer certification or registration to individuals in various specialties within this profession. These credentials are not needed to qualify as a volunteer but may provide useful information about a volunteer's capability in an emergency. For a list of these credentials, see appendix B.

MHC credentials that require verification for credential-level assignment are shown below.

Table 2-6. Mental Health Counselor: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice*	✓	✓	✓	
Certification/registration				
Specialty certification/registration				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions				
Inspector General status	✓	✓	✓	✓
DEA registration				
Education or Experience				✓

✓ Verified credential

* *Unencumbered license or equivalent State authorization to practice:* As of March 2006, California and Nevada do not license or recognize mental health counseling. Guam and the Virgin Islands also do not license the profession.

Pharmacist

A pharmacist compounds and dispenses medications according to prescriptions from physicians, dentists, or other State-authorized practitioners allowed to prescribe medicine. Pharmacists provide information to patients on the use of medicines and advise healthcare practitioners on the selection, dosage, possible interactions, and side-effects of medication. Most pharmacists practice within the general practice of the profession, but a pharmacist can acquire one or more specialties.

Various nongovernmental organizations offer certification or registration to individuals in various specialties within this profession. These credentials are not needed to qualify as a volunteer but may provide useful information about a volunteer's capacity in an emergency. For a list of these credentials, see appendix B.

Pharmacist credentials that require verification for credential-level assignment are shown below.

Table 2-7. Pharmacist: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice	✓	✓	✓	
Certification/registration				
Specialty certification/registration				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions				
Inspector General status	✓	✓	✓	✓
DEA registration ^{§§}				
Education or Experience				✓

✓ Verified credential

§§ A pharmacist is not required to have an individual DEA license in order to dispense drugs provided they work in an institution (e.g., hospital or drug store) that possess an institutional DEA license. Thus, verification for credential level is only required if the volunteer provides a DEA license number on the application form.

Physician (MD and DO)

The doctor of medicine (MD) and the doctor of osteopathy (DO) are licensed in every State to practice medicine and perform the most complex procedures by virtue of education, training, and demonstrated competence. The MD or DO can practice as an employee of a healthcare facility or as an independent practitioner granted privileges to admit and treat patients in a hospital.

A variety of specialty certifications are available to physicians from board-certifying organizations such as the American Board of Medical Specialties (ABMS), the American Osteopathic Association (AOA) specialty boards, and other organizations. The ESAR-VHP Program requires the collection and verification of specialty-certification data from the ABMS and AOA for physicians because it helps identify the particular area of medicine in which the physician has been trained and has demonstrated competency.

MD and DO credentials that require verification for credential-level assignment are shown below.

Table 2-8. Physician: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice	✓	✓	✓	
Certification/registration				
Specialty certification/registration*	✓	✓		
Clinically active in a hospital ^{§§}	✓			
Clinically active		✓		
Record of adverse actions	✓	✓	✓	
Inspector General status	✓	✓	✓	✓
DEA registration	✓	✓		
Education or Experience				✓

✓ Verified credential

* *Specialty certification/registration*: Certifying bodies and the certifications they offer appear in appendix A, first for MDs and then for DOs.

^{§§} ***Clinically active in a hospital***: In addition to verifying Specialty certification/registration, States must also verify the specialty in which the volunteer reports having privileges. This is necessary since many physicians have privileges in areas in which they are not board certified.

Physician Assistant (PA)

Physician assistants practice medicine under the supervision of physicians and surgeons. They should not be confused with medical assistants, who perform routine clinical and clerical tasks. PAs are formally trained to provide diagnostic, therapeutic, and preventive healthcare services, as delegated by a physician. Working as members of the healthcare team, they take medical histories, examine and treat patients, order and interpret laboratory tests and X rays, and make diagnoses. They also treat minor injuries by suturing, splinting, and casting. PAs record progress notes, instruct and counsel patients, and order or carry out therapy. In 48 States and the District of Columbia, physician assistants may prescribe medications. PAs also may have managerial duties. Some order medical supplies or equipment and supervise technicians and assistants.

PA credentials that require verification for credential-level assignment are shown below.

Table 2-9. Physician Assistant: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice*	✓	✓	✓	
Certification/registration†	✓	✓	✓	
Specialty certification/registration				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions	✓	✓	✓	
Inspector General status	✓	✓	✓	✓
DEA registration	✓	✓		
Education or Experience				✓

✓ Verified credential

* *Unencumbered license or equivalent State authority:* Not all States license PAs. However, PAs are able to practice in all States under a license or other specified State authority.

† *Certification/registration:* To practice in any State, a PA must pass the certifying examination administered by the National Commission on Certification of Physician Assistants.

Psychologist

Psychologists diagnose and evaluate mental and emotional disorders, the behavioral aspects of physical disorders, and use tools such as cognitive-behavioral and interpersonal psychotherapy and hypnosis to treat patients. They conduct interviews and psychological tests, and may conduct complex treatment programs, sometimes in conjunction with physicians or other medical specialists.

Various nongovernmental organizations offer certification or registration to individuals in various specialties within this profession. These credentials are not needed to qualify as a volunteer but may provide useful information about a volunteer’s capability in an emergency. For a list of these credentials, see appendix B.

Psychologist credentials that require verification for credential-level assignment are shown below.

Table 2-10. Psychologist: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice*	✓	✓	✓	
Certification/registration*				
Specialty certification/registration				
Clinically active in a hospital [†]	✓			
Clinically active		✓		
Record of adverse actions	TBD	TBD	TBD	
Inspector General status	✓	✓	✓	✓
DEA registration [§]	✓	✓		
Education or Experience				✓

✓ Verified credential

* *Unencumbered license or equivalent State authorization to practice:* Scope-of-practice laws within a State may vary; some States limit practice to a psychologist specialization (e.g., school psychologist).

§ *DEA registration:* Psychologist has a verified current DEA registration. Psychologists have prescriptive privileges in a limited number of States and Territories. DEA information will need to be collected and verified in these jurisdictions only.

Registered Nurse (RN)

A registered nurse assesses patient healthcare problems and needs, develops and implements nursing-care plans, maintains medical records, and administers nursing care to ill, injured, convalescent, and disabled patients. An RN also advises patients on healthcare maintenance and disease prevention or provides case management.

Various nongovernmental organizations offer certification or registration to individuals in various specialties within this profession. These credentials are not needed to qualify as a volunteer but may provide useful information about a volunteer’s capability in an emergency. For a list of these credentials, see appendix B.

RN credentials that require verification for credential-level assignment are shown below.

Table 2-11. Registered Nurse: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice	✓	✓	✓	
Certification/registration				
Specialty certification/registration [TBD]				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions				
Inspector General status	✓	✓	✓	✓
DEA registration				
Education or Experience				✓

✓ Verified credential

Respiratory Therapist

A respiratory therapist (RT) assesses, treats, and cares for patients with breathing disorders. He or she assumes primary responsibility for all respiratory care modalities. An RT initiates and conducts therapeutic procedures; maintains patient records; selects, assembles, checks, and operates equipment; and supervises respiratory technicians.

Various nongovernmental organizations offer certification or registration to individuals in various specialties within this profession. These credentials are not needed to qualify as a volunteer but may provide useful information about a volunteer's capability in an emergency. For a list of these credentials, see appendix B.

RT credentials that require verification for credential-level assignment are shown below.

Table 2-12. Respiratory Therapist: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice*	✓	✓	✓	
Certification/registration				
Specialty certification/registration				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions				
Inspector General status	✓	✓	✓	✓
DEA registration				
Education or Experience				✓

✓ Verified credential

* *Unencumbered license or equivalent State authorization to practice:* As of March 2006, all States except Alaska and Hawaii require RTs to possess a verified, active, unrestricted State license to practice or a certificate. Although RTs are not licensed in all States, employers look favorably on those individuals with certification or registration from the National Board for Respiratory Care.

Veterinarian

A veterinarian is a medical professional whose primary responsibility is to protect the health and welfare of animals and, by extension, people. He or she diagnoses, treats, and controls animal diseases, and advises owners on proper care of pets and livestock. He or she ensures a safe food supply by maintaining the health of animals raised for human consumption.

Veterinarians are essential practitioners in the food safety industry. Veterinarians can be livestock inspectors, check animals for transmissible diseases, and advise owners on treatment and quarantine of animals. Veterinarians who are meat, poultry, or egg product inspectors examine slaughtering and processing plants, check live animals and carcasses for disease, and enforce government regulations regarding food purity and sanitation.

Various nongovernmental organizations offer certification or registration to individuals in various specialties within this profession. These credentials are not needed to qualify as a volunteer but may provide useful information about a volunteer’s capability in an emergency. For a list of these credentials, see appendix B.

Veterinarian credentials that require verification for credential-level assignment are shown below.

Table 2-13. Veterinarian: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice		✓	✓	
Certification/registration				
Specialty certification/registration				
Clinically active in a hospital				
Clinically active		✓		
Record of adverse actions				
Inspector General status		✓	✓	✓
DEA registration		✓		
Education or Experience				✓

✓ Verified credential

Healthcare Technologists and Technicians

Cardiovascular Technologist and Technician

Cardiovascular technologists and technicians conduct tests on pulmonary or cardiovascular systems of patients for diagnostic purposes. They may conduct or assist in conducting electrocardiograms, cardiac catheterizations, and testing for pulmonary-functions, lung capacity, and similar tests.

Cardiovascular technologist and technician credentials that require verification for credential-level assignment are shown below.

Table 2-14. Cardiovascular Technologist/Technician: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice*	✓	✓	✓	
Certification/registration†	✓	✓	✓	
Specialty certification/registration				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions				
Inspector General status	✓	✓	✓	✓
DEA registration				
Education or Experience				✓

✓ Verified credential

* *Unencumbered license or equivalent State authorization to practice:* As of March 2006, only South Carolina licenses cardiovascular professionals. Pennsylvania, Ohio, New Jersey, Texas, California, and Virginia all recognize cardiovascular professionals, but do not license them; these six States essentially are excluding cardiovascular professionals from radiology laws, which can be restrictive in some working environments.

† *Certification/registration:* Verification of certification/registration is required only if States do not require this occupation to be licensed. Certifying bodies and the certifications/registrations they offer appear in appendix A.

Diagnostic Medical Sonographer

Diagnostic medical sonographers produce ultrasonic recordings (noninvasive high-frequency sound waves) of internal organs used by physicians to diagnose many different types of conditions.

Diagnostic medical sonographer credentials that require verification for credential-level assignment are shown below.

Table 2-15. Diagnostic Medical Sonographer: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice				
Certification/registration	✓	✓	✓	
Specialty certification/registration				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions				
Inspector General status	✓	✓	✓	✓
DEA registration				
Education or Experience				✓

✓ Verified credential

Emergency Medical Technician (EMT) and Paramedic

Emergency Medical Technicians assess injuries, administer emergency medical care, extricate trapped people, and transport injured or sick persons to medical facilities. Training and registration of individuals in this profession is available at three levels of increasing complexity. The EMT-Basic provides basic emergency medical care. Many firefighters, police officers, and civilians have this level of training. The EMT-Intermediate is trained to provide more advanced care, such as the administration of intravenous fluids and the use of defibrillators. The EMT-Paramedic provides the most complex care of all EMTs and may administer drugs orally and intravenously, interpret electrocardiograms (EKGs), perform endotracheal intubations, and use monitors and other complex equipment.

EMT and Paramedic credentials that require verification for credential-level assignment are shown below.

Table 2-16. Emergency Medical Technician/Paramedic: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice*		✓	✓	
Certification/registration [†]				
Specialty certification/registration				
Clinically active in a hospital				
Clinically active		✓		
Record of adverse actions				
Inspector General status		✓	✓	✓
DEA registration				
Education or Experience				✓

✓ Verified credential

* *Unencumbered license or equivalent State authorization to practice:* EMT possesses a verified, active, unrestricted, State-issued license or equivalent authority to practice as an EMT within the issuing State's scope-of-practice laws. For EMTs, the State authorization may be a license, registration from the National Registry of Emergency Medical Technicians, or State certification. Each State ESAR-VHP program must determine what credential is required to practice as an EMT or paramedic. For information on how to contact the National Registry of Emergency Medical Technicians, see Appendix A.

Licensed Practical Nurse (LPN) and Licensed Vocational Nurse (LVN)

Licensed practical nurses, also known as licensed vocational nurses, care for ill, injured, convalescent, or disabled persons in hospitals, nursing homes, clinics, private homes, group homes, and similar institutions. They may work under the supervision of a registered nurse.

Licensed practical nurse and licensed vocational nurse credentials that require verification for credential-level assignment are shown below.

Table 2-17. Licensed Practical Nurse/Licensed Vocational Nurse: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice	✓	✓	✓	
Certification/registration				
Specialty certification/registration				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions				
Inspector General status	✓	✓	✓	✓
DEA registration				
Education or Experience				✓

✓ Verified credential

Medical and Clinical Laboratory Technician (including Phlebotomist)

Medical or clinical laboratory technicians perform routine medical laboratory tests for the diagnosis, treatment, and prevention of disease, sometimes working under the supervision of a medical technologist. Education requirements, combined with the practical experience, vary among the several certifying organizations.

Some States require laboratory personnel to be licensed or registered. Information on licensure is available from State departments of health or boards of occupational licensing. For States that do not require licensure or registration, certification by one of a number of organizations is widely accepted by employers in the health care industry and is a prerequisite for most jobs.

Medical and clinical laboratory technician credentials that require verification for credential-level assignment are shown below.

Table 2-18. Medical/Clinical Laboratory Technician: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice*	✓	✓	✓	
Certification/registration†	✓	✓	✓	
Specialty certification/registration				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions				
Inspector General status	✓	✓	✓	✓
DEA registration				
Education or Experience				✓

✓ Verified credential

* *Unencumbered license or equivalent State authorization to practice:* Not all States require this occupation to be licensed. Those jurisdictions that do not license this profession should collect certification/registration information only and verify accordingly.

† *Certification/registration:* Verification of certification/registration is required only if States do not require this occupation to be licensed. Certifying bodies and the certifications/registrations they offer appear in appendix A.

Medical and Clinical Laboratory Technologist

Medical or clinical laboratory technologists are highly trained and more specialized than clinical laboratory technicians. Technologists, in general, perform laboratory procedures on human tissue and fluids to help physicians identify disease or determine the health of patients. Medical and clinical laboratory technologists may conduct very sophisticated analyses, evaluate and interpret results, integrate data, solve problems, consult, conduct research, and develop new test methods.

Some States require laboratory personnel to be licensed or registered. Information on licensure is available from State departments of health or boards of occupational licensing. For States that do not require licensure or registration, certification by one of a number of organizations is widely accepted by employers in the healthcare industry and is a prerequisite for most jobs.

Medical and clinical laboratory technologist credentials that require verification for credential-level assignment are shown below.

Table 2-19. Medical/Clinical Laboratory Technologist: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice*	✓	✓	✓	
Certification/registration†	✓	✓	✓	
Specialty certification/registration				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions				
Inspector General status	✓	✓	✓	✓
DEA registration				
Education or Experience				✓

✓ Verified credential

* *Unencumbered license or equivalent State authorization to practice*: Regulation of the profession varies from State to State, but national certifications attest to knowledge and experience. Those jurisdictions that do not license this profession should collect certification/registration information only and verify.

† *Certification/registration*: Verification of certification/registration is required only if States do not require this occupation to be licensed. Certifying bodies and the certifications/registrations they offer appear in appendix A.

Medical Records and Health Information Technician

Medical records and health information technicians compile, process, and maintain medical records of hospital and clinic patients in a manner consistent with medical administrative, ethical, legal, and regulatory requirements of the healthcare system. They ensure that all forms are properly completed, identified, and signed. Medical and health information technicians assign a code to each diagnosis and procedure according to the diagnostic-related groups (DRGs) for reimbursement by healthcare insurance, Medicare, or Medicaid. Duties and responsibilities vary according to the size of the facility.

Medical records and health information technician credentials that require verification for credential-level assignment are shown below.

Table 2-20. Medical Records/Health Information Technician: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice				
Certification/registration	✓	✓	✓	
Specialty certification/registration				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions				
Inspector General status	✓	✓	✓	✓
DEA registration				
Education or Experience				✓

✓ Verified credential

Radiologic Technologist and Technician

Radiologic technologists and technicians also referred to as radiographers, produce X rays and CAT scans, and inject nonradioactive materials into a patient's blood stream for diagnostic purposes. The profession includes technologists who specialize in other modalities, such as computed tomography, ultrasound, and magnetic resonance imaging.

Radiologic technologists and technicians must follow prescribers' orders precisely and conform to regulations on the use of radiation to protect themselves, their patients, and their co-workers from unnecessary exposure. In addition to preparing patients and operating equipment, radiologic technologists and technicians maintain patient records and adjust and maintain equipment. They also prepare work schedules, evaluate equipment purchases, or manage a radiology department.

Radiologic technologist and technician credentials that require verification for credential-level assignment are shown below.

Table 2-21. Radiologic Technologist/Technician: Credential Elements and Associated Credential Levels

Credential Element	ESAR-VHP Credential Level			
	1	2	3	4
Unencumbered license or equivalent State authorization to practice*	✓	✓	✓	
Certification/registration [†]	✓	✓	✓	
Specialty certification/registration				
Clinically active in a hospital	✓			
Clinically active		✓		
Record of adverse actions				
Inspector General status	✓	✓	✓	✓
DEA registration				
Education or Experience				✓

✓ Verified credential

* *Unencumbered license or equivalent State authorization to practice*: Radiologic technologist or technician possesses a verified, active, unrestricted, State-issued license or other credential. As of March 2006, 10 States are not licensing radiologic technologists or technicians

Alabama
Alaska
District of Columbia
Georgia
Idaho

Missouri
New Hampshire
North Carolina
Oklahoma
South Dakota

For States that do not license this occupation, certification/registration/registration information must be collected and verified.

† *Certification/registration*: The radiologic technologist or technician possesses certification issued by the American Registry of Radiologic Technologists (ARRT) recognizing that the radiology technologist or technician has complied with standards of ethics, completed an approved educational program, and passed a national certifying examination. Employers in States that do not license this profession look favorably on this certification as an indication of competency. Verification of certification/registration is required only if States do not require this occupation to be licensed. Certifying bodies and the certifications/registrations they offer appear in appendix A.

3.0 Tool 2: Data Dictionary

The complete set of data elements submitted by an ESAR-VHP applicant at registration makes up a volunteer record. This ESAR-VHP Data Dictionary provides all the required information that States must collect from applicants registering as volunteers in one of the 20 ESAR-VHP occupations identified earlier. The data dictionary includes description and constraint information for each field or data element that ASPR requires to be included in every State’s registration system; adherence to this format is integral to the development of a database structure common to all States.

The attached data dictionary includes two types of data elements: required and optional. Required data elements are those that States must include in their registration system in order to accomplish at least one of the following: (1) establish an individual as a volunteer, (2) assign them to a credential level, and (3) to use them in an appropriate manner. Required data elements include those that collect identification and contact information; all necessary authorizations and attestations; occupational specific credential information of the type needed to assign volunteers to a credential level; and additional information important for assigning volunteers to a mission assignment in times of an emergency. Optional data elements are those that States may or may not choose to include in its registration system. They are included because the information might be useful—but is not critical—for identifying which volunteers to send to an emergency. Examples of optional data elements include those that collect information on disaster training, multiple professional certifications, and criminal background checks. Each data element is classified as being either optional or required, and if it is required, whether it needs to be verified or used to determine credential level assignment. Further explanation is provided below.

The *Data Dictionary* also contains additional, or suggested, information about each data element that system developers might find useful when developing their database, including: system nomenclature for each data element, a description of the data type, and a suggested field size for collecting each data element. Again, these additional items are provided for convenience and are not required to be used by any State.

The tables in sections 3.1, 3.2, and 3.3 in the Data Dictionary provide optional and required information for each ESAR-VHP data element.

- *Nomenclature* (column 1) is the data field name for each data element written in plain English. **Use of this exact nomenclature in a State’s database is optional but the information is generally required.**
- *Description* (column 2) provides detailed information needed by the State to develop a data field, including information about choices of answers that will be offered to the applicant.
- *Data type* (column 3) specifies how the information is gathered and processed. States are required to use the data type identified for each data element in the following tables. Data types used in this dictionary are:
 - *Boolean*—Field that stores the value “on” or “off.” This type of element is useful when asking applicants true/false questions.
 - *Date field*—Field for entry of date. Default format is mm/dd/yyyy.

- *String*—Field that can store any type of text information and has a predetermined size limit. Allowable values for a string variable are numbers, letters, punctuation, symbols, or all displayable ASCII characters for a specific code page (e.g., unicode or U.S. English).
- *Size* (column 4) refers to the number of characters an applicant is allowed to enter in a given data field of the string-variable type. With other data types, the structure of the data type determines the size of the data field, hence size is predetermined. (For example, a data element structured as Boolean would only have 1 character and a date field of the format specified is normally 24 characters “packed” and is dependent on the database management system.) Use of the suggested number of characters for each data element is optional.
- *Required/Optional* (column 5) identifies those data elements that States are required to have in their registration system and those that are optional. This column also includes coding that describes how the data elements should be treated and used. Only four codes are used in this document, they are:

RL = The State is required to collect, verify, and use this information to determine credential level.

RV = The State is required to collect and verify these data, but the information is not used for credential level assignment.

R = The State is required to collect these data, but verification is not required.

O = The State may collect these data, but collection is optional and verification is not required.

Some of the questions based on data fields in the data dictionary lead to a decision-tree. For example, if an applicant responds “Yes” to the question of whether he or she is a private practitioner, a set of peer-verification questions will be asked. One question is whether or not the applicant’s name on a credential is the same as the name being used to register with the ESAR-VHP system. This is a screen question only; it does not appear in the data dictionary because it adds no data to the applicant’s record. However, if answered negatively, it leads to a set of name questions for that particular credential. These questions are not displayed if the answer is “Yes,” nor are they displayed when collecting current employer information.

In all cases, the result of each State’s effort to verify a volunteer’s credentials must be recorded as either “Success” or “Failure.” A recording of “Success” indicates that the credential was found to be on record with the appropriate organization or agency and that it is current, in good standing, and without any restrictions that impedes or prohibits the ability of a license holder to practice within the profession.

In the tables, personal or nonprofession-specific data elements appear first. Profession-specific elements follow, with the diagnosing and treating professions listed alphabetically, followed by the healthcare technologists and technicians, also in alpha order. The arrangement, however, does not reflect a recommended structure for any State database. The data fields have been defined without indicating a direct or implicit relationship of one data field to another.

3.1 Nonprofession-Specific Data Elements

The following nonprofession-specific data elements in section 3.1 must be collected for every applicant by a State's ESAR-VHP system.

Identity or Personal Information

Required, but not for determining credential level. These data elements verify the applicant's identity.

Table 3-1. Identity or Personal Information

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
First name	Applicant's legal first name.	string	25	R
Middle name	Applicant's legal middle name.	string	25	R
Last name	Applicant's legal last name.	string	40	R
Suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	R
Social security number	Last four digits of Social Security Number. <i>(If collection is allowed by the State.)</i>	string	4	0
Birth date	Applicant's date of birth.	date		R
ESAR-VHP ID number	Unique ESAR-VHP identification number for applicant. <i>ID number should contain 11 alphanumeric characters; the two-letter postal code for State where the healthcare volunteer is registering followed by nine digits identifying the applicant's record in the State's ESAR-VHP system.</i>	string	11	R
Occupation	Applicant's occupation. <i>See occupation list in introduction.</i>	string	100	R
Credential Level	The credential level assigned by the administrator after verification of the relevant information. <i>(Contains the value of 1, 2, 3, or 4.)</i>	integer		R

Contact Information

Required, but not for determining credential level. These data elements are used to communicate with the applicant.

Table 3-2. Contact Information

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
E-mail	Applicant's primary E-mail address.	string	255	R
Street address line 1	First line of applicant's legal street address.	string	80	R
Street address line 2	Second line of applicant's legal street address.	string	80	R
City	City of applicant's legal address.	string	40	R

State	State or territory of applicant's legal address. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	R
ZIP	ZIP code of applicant's legal address.	string	5	R
Applicant home phone no.	Home phone number for contacting applicant during a declared emergency.	string	40	R
Applicant work phone no.	Work phone number for contacting applicant during a declared emergency.	string	40	R
Applicant work phone no. extension	Optional Extension for work phone number for contacting applicant during a declared emergency.	integer		O
Applicant cell phone no.	Cell phone number for contacting applicant during a declared emergency.	string	40	R
Applicant's pager no.	Pager number for contacting applicant during a declared emergency.	string	40	R

Emergency Contact Information

Required, but not for determining credential level. These data elements are used to communicate with the applicant's designated contact in case of a declared public health emergency. Multiple entries of the emergency contact information are permitted. The first occurrence is required, but not for credential level setting. Subsequent entries are optional.

Table 3-3. Emergency Contact Information

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Emergency contact name	Name of relative/friend/acquaintance to contact in case of emergency.	string	80	R
Emergency contact relationship	Emergency contact's relationship to applicant. <i>Options: Spouse Co-worker Relative Friend Other</i>	string	30	R
Emergency contact home phone no.	Emergency contact's home phone number.	string	40	R
Emergency contact work phone no.	Emergency contact's work phone number.	string	40	R

Consents and Pledges

Required, but not for determining credential level.

Table 3-4. Consents and Pledges

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Consent to use information	Did applicant consent to a State collecting, using, and maintaining the applicant's personal information? <i>Options: Yes / No</i>	string	3	R
Correct information pledged	Did applicant pledge to enter only correct information into the ESAR-VHP system? <i>Options: Yes / No</i>	string	3	R
Applicant consent date	Date applicant pledged to provide correct information and consented to the collection, use, and maintenance of the applicant's personal information.	date		R
Consent to background check	Did applicant consent to allow the State to perform background checks? <i>Options: Yes / No</i>	string	3	O
Date consented to background check	Date applicant consented to allow the State to perform reference and background checks.	date		O

Deployment Preferences

Required, but not for determining credential level. This data element identifies an applicant's willingness to work under the auspices of the Federal government.

Table 3-5. Deployment Preferences

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Willing to be Federalized	Is applicant willing to work under the auspices of the Federal government during a declared national public health emergency? <i>Options: Yes / No</i>	string	3	R

Language Skills

Required, but not for determining credential level. These data elements record the applicant’s foreign language skills. Multiple entries of the language skills are permitted. The first occurrence is required, but not for credential level setting. Subsequent entries are optional.

Table 3-6. Language Skills

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Language	Language (other than English) that applicant speaks, reads, and/or writes. <i>See appendix D for a list of common languages. States can include an additional data element to capture languages not in this list.</i>	string	100	R
Language fluency	Applicant’s fluency with speaking. <i>Options: Basic Conversational Fluent</i>	string	20	R

Disaster Training

Optional. These elements record any emergency-preparedness training completed by the applicant. Multiple entries of the disaster-training information are permitted. All occurrences are optional.

Table 3-7. Disaster Training

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Training type	Type of specialized disaster training that applicant received.	string	100	O
Training institution	Name of institution that offered the specialized disaster training.	string	80	O
Date training completed	Date applicant completed the specialized disaster training.	date		O
Training expiration date	Date specialized disaster training certification expires, if any.	date		O

Volunteer Affiliations (e.g., MRC, NDMS, American Red Cross, etc.)

Required. These elements record an applicant’s affiliation with other volunteer health professional/emergency preparedness organizations. Multiple entries of the volunteer affiliations information are permitted. The first occurrence is required, but not for credential level setting. Subsequent entries are optional.

Table 3-8. Volunteer Affiliations

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Organization’s name	Name of other health professional/emergency preparedness organization.	string	100	R

Education

Required for determining credential level. Education questions should appear ONLY if the applicant does not have an active license, certification, or is not currently active in the profession for which they are registering.

If applicant reports that name on degree/diploma is not the same as the name provided in the Identity/Personal Information section, display set of name questions. Name date must be entered.

Table 3-9. Education

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
degree/ diploma first name	Volunteer's first name exactly as it appears on degree/diploma. <i>This data element is useful if the volunteer's name given during registration is different from the name used on this credential.</i>	string	25	RL
degree/ diploma middle name	Volunteer's middle name or initial exactly as it appears on degree/diploma.	string	25	RL
degree/ diploma last name	Volunteer's last name exactly as it appears on degree/diploma.	string	40	RL
degree/ diploma type	Type of professional degree/diploma. <i>Examples: MD, DO, PhD, PsyD.</i>	string	80	RL
degree/ diploma institution	Name of institution that granted degree/diploma.	string	100	RL
degree/ diploma city	City of institution that granted the degree/diploma.	string	40	RL
degree/ diploma state	State of institution that granted the degree/diploma. <i>See appendix A for a list of states and territories.</i>	string	2	RL
date degree/ diploma conferred	Date degree/diploma was conferred.	date		RL
degree verification date	Most recent date this credential was verified.	date		R
Degree Verification Result	Result of most recent credential verification. <i>Options: Success / Failure</i>	String	7	R

Experience

Required for determining credential level. Experience questions should appear ONLY if the applicant does not have an active license, certification, or is not currently active in the profession for which they are registering.

If applicant reports being a private practitioner, display set of peer questions. Peer reference data must be entered.

Table 3-10. Experience

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Institution's phone no.	Institution's phone number.	string	40	RL
Facility	Name of facility where applicant is/was employed	string	100	RL
Facility city	City of facility where applicant is/was employed.	string	40	RL
Facility State	State of facility where applicant is/was employed <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Verification date	Most recent date this credential was verified.	date		R
Verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

3.2 Healthcare Diagnosing and Treating Professionals

Advanced Practice Registered Nurse

APRN Unencumbered License or Equivalent State Authorization

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-11. APRN Unencumbered License or Equivalent State Authorization

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	20	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

APRN Specialty Certification

Required, but not for determining credential level. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered. Multiple entries of the specialty certification are permitted. The first occurrence is required for determining credential level, subsequent entries are optional.

Table 3-12. APRN Specialty Certification

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
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Specialty first name	Applicant's first name exactly as it appears on specialty certification/registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
Specialty middle name	Applicant's middle name or initial exactly as it appears on specialty certification/registration.	string	25	RL
Specialty last name	Applicant's last name exactly as it appears on specialty certification/registration.	string	40	RL
Specialty suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
Specialty certification-awarding organization	Organization that awarded specialty certification. <i>See appendix A for a list of APRN specialty-certifying organizations.</i>	string	100	RL
Specialty	Area of specialty practice. <i>See appendix A for a list of APRN specialties.</i>	string	100	RL
Specialty certification number	Applicant's certification/registration number for specialty	string	40	RL
Specialty certification expiration date	Date applicant's specialty certification expires.	date		RL
Specialty certification verification date	Most recent date this credential was verified.	date		R
Specialty verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

APRN Clinically active in a hospital

Required for determining credential level.

Table 3-13. APRN Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital specialty	Area of specialty practiced.	string	100	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

APRN Clinically Active

Required for determining credential level. If applicant reports being a private practitioner, display set of peer questions. Peer reference data must be entered.

Table 3-14. APRN Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Private practitioner	Is applicant a private practitioner? <i>Options: Yes / No</i>	string	3	RL
Peer name	Professional peer's name.	string	80	RL
Peer E-mail	Peer's E-mail.	string	255	RL
Peer phone	Peer's phone number.	string	40	RL
Peer city	Peer's city.	string	40	RL
Peer State	Peer's State. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where the applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active specialty	Specialty applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

APRN Record of Adverse Actions

Required for determining credential level. *The method for identifying adverse actions is being determined. ASPR suggests adding these data elements now for use at a later time.*

Table 3-15. APRN Record of Adverse Actions

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Adverse actions verification result	Are there any adverse actions or restrictions regarding license in any State? [TBD] <i>Options: Yes / No If yes, exclude applicant as a volunteer.</i>	string	3	RL
Verification date	The date that the adverse action was verified	date		RL

APRN Inspector General Status

Required for determining credential level.

Table 3-16. APRN Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True / False. If true, exclude applicant as a volunteer.</i>	boolean		RL

APRN DEA Registration

Required for credential level. If applicant reports name upon registration that is different from name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-17. APRN DEA Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
DEA registration first name	Applicant's first name exactly as it appears on DEA registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
DEA registration middle name	Applicant's middle name or initial exactly as it appears on DEA registration.	string	25	RL
DEA registration last name	Applicant's last name exactly as it appears on DEA registration.	string	40	RL
DEA suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
DEA registration number	Applicant's DEA registration number.	string	20	RL

DEA registration expiration date	Date applicant's DEA registration expires.	date		RL
DEA registration verification date	Most recent date this credential was verified.	date		R
DEA registration verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	R

Clinical Social Worker

CSW Unencumbered License or Equivalent State Authorization

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-18. CSW Unencumbered License or Equivalent State Authorization

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	20	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

CSW Clinically active in a hospital

Required for determining credential level.

Table 3-19. CSW Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

CSW Clinically Active

Required for determining credential level. If applicant reports being a private practitioner, display set of peer questions. Peer reference data must be entered.

Table 3-20. CSW Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Private practitioner	Is applicant a private practitioner? <i>Options: Yes / No</i>	string	3	RL
Peer name	Professional peer's name.	string	80	RL
Peer E-mail	Peer's E-mail.	string	255	RL
Peer phone	Peer's phone number.	string	40	RL
Peer city	Peer's city.	string	40	RL
Peer State	Peer's State. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL

Clinically active facility State	State of facility where applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

CSW Inspector General Status

Required for determining credential level.

Table 3-21. CSW Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True / False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Dentist

Dentist Unencumbered License or Equivalent State Authorization

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-22. Dentist Unencumbered License or Equivalent State Authorization

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	20	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Dentist Specialty Certification

Required, but not for determining credential level. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-23. Dentist Specialty Certification

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Specialty first name	Applicant's first name exactly as it appears on specialty certification/registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RV

Specialty middle name	Applicant's middle name or initial exactly as it appears on specialty certification/registration.	string	25	RV
Specialty last name	Applicant's last name exactly as it appears on specialty certification/registration.	string	40	RV
Specialty suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RV
Specialty certification-awarding organization	Organization that awarded specialty certification.	string	100	RV
Specialty	Area of specialty practice. <i>See appendix B for a list of dental specialties.</i>	string	100	RV
Specialty certification number	Applicant's specialty certification/registration number for specialty.	string	40	RV
Specialty certification expiration date	Date applicant's specialty certification expires.	date		RV
Specialty certification verification date	Most recent date this credential was verified.	date		R
Specialty verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RV

Dentist Clinically active in a hospital
Required for determining credential level.

Table 3-24. Dentist Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Dentist Clinically Active

Required for determining credential level. If applicant reports being a private practitioner, display set of peer questions. Peer reference data must be entered.

Table 3-25. Dentist Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Private practitioner	Is applicant a private practitioner? <i>Options: Yes / No</i>	string	3	RL
Peer name	Professional peer's name.	string	80	RL
Peer E-mail	Peer's E-mail.	string	255	RL
Peer phone	Peer's phone number.	string	40	RL
Peer city	Peer's city.	string	40	RL
Peer State	Peer's State. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where the applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Dentist Record of Adverse Actions

Required for determining credential level. *The method for identifying adverse actions is being determined. ASPR suggests adding these data elements now for use at a later time.*

Table 3-26. Dentist Record of Adverse Actions

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Adverse actions verification result	Are there any adverse actions or restrictions regarding license in any State? [TBD] <i>Options: Yes / No If yes, exclude applicant as a volunteer.</i>	string	3	RL
Verification date	The date that the adverse action was verified	date		RL

Dentist Inspector General Status

Required for determining credential level.

Table 3-27. Dentist Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG database was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True / False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Dentist DEA Registration

Required for determining credential level. If applicant reports that name on registration is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-28. Dentist DEA Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
DEA registration first name	Applicant's first name exactly as it appears on DEA registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
DEA registration middle name	Applicant's middle name or initial exactly as it appears on DEA registration.	string	25	RL
DEA registration last name	Applicant's last name exactly as it appears on DEA registration.	string	40	RL

DEA suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
DEA registration number	Applicant's DEA registration number.	string	20	RL
DEA registration expiration date	Date applicant's DEA registration expires.	date		RL
DEA registration verification date	Most recent date this credential was verified.	date		R
DEA registration verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Marriage and Family Therapist

MFT Unencumbered License or Equivalent State Authorization

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-29. MFT Unencumbered License or Equivalent State Authorization

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	20	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

MFT Clinically active in a hospital

Required for determining credential level.

Table 3-30. MFT Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix C or a list of U.S. States and dependencies.</i>	string	2	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

MFT Clinically Active

Required for determining credential level. If applicant reports being a private practitioner, display set of peer questions. Peer reference data must be entered.

Table 3-31. MFT Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Private practitioner	Is applicant a private practitioner? <i>Options: Yes / No</i>	string	3	RL
Peer name	Professional peer's name.	string	80	RL
Peer E-mail	Peer's E-mail.	string	255	RL
Peer phone	Peer's phone number.	string	40	RL
Peer city	Peer's city.	string	40	RL
Peer State	Peer's State. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL

Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

MFT Inspector General Status

Required for determining credential level.

Table 3-32. MFT Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/Optional
IG status verification date	Date IG status was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True / False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Mental Health Counselor

MHC Unencumbered License or Equivalent State Authorization

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-33. MHC Unencumbered License or Equivalent State Authorization

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	40	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification	Most recent date this credential was verified.	date		R

date				
License verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

MHC Certification/Registration

Required but not for determining credential level. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-34. MHC Certification/Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Certification first name	Applicant's first name exactly as it appears on the certification. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RV
Certification middle name	Applicant's middle name or initial exactly as it appears on the certification.	string	25	RV
Certification last name	Applicant's last name exactly as it appears on the certification.	string	40	RV
Certification type	Type of professional certification. <i>See appendix B for a list of mental health counselor certifications.</i>	string	100	RV
Certification suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RV
Certification number	Applicant's certification number.	string	40	RV
Certification expiration date	Date certification expires.	date		RV
Certification verification date	Most recent date this credential was verified.	date		R
Certification verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RV

MHC Clinically active in a hospital

Required for determining credential level.

Table 3-35. MHC Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL

Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

MHC Clinically Active

Required for determining credential level. If applicant reports being a private practitioner, display set of peer questions. Peer reference data must be entered.

Table 3-36. MHC Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Private practitioner	Is applicant a private practitioner? <i>Options: Yes / No</i>	string	3	RL
Peer name	Professional peer's name.	string	80	RL
Peer E-mail	Peer's E-mail.	string	255	RL
Peer phone	Peer's phone number.	string	40	RL
Peer city	Peer's city.	string	40	RL
Peer State	Peer's State. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where the applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

MHC Inspector General Status

Required for determining credential level.

Table 3-37. MHC Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Pharmacist

Pharmacist Unencumbered License or Equivalent State Authorization

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-38. Pharmacist Unencumbered License or Equivalent State Authorization

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	40	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RL

Pharmacist Specialty Certification

Required, but not for determining credential level. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-39. Pharmacist Specialty Certification

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Specialty first name	Applicant's first name exactly as it appears on specialty certification/registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RV
Specialty middle name	Applicant's middle name or initial exactly as it appears on specialty certification/registration.	string	25	RV
Specialty last name	Applicant's last name exactly as it appears on specialty certification/registration.	string	40	RV
Specialty suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RV
Specialty certification-awarding organization	Organization that awarded specialty certification. <i>See appendix A for a list of pharmacist specialty boards.</i>	string	100	RV
Specialty	Area of specialty practice. <i>See appendix B for a list of pharmacist specialties.</i>	string	100	RV
Specialty certification number	Applicant's certification/registration number for specialty	string	40	RV
Specialty certification expiration date	Date applicant's specialty certification expires.	date		RV
Specialty certification verification date	Most recent date this credential was verified.	date		R
Specialty verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RV

Pharmacist Clinically active in a hospital

Required for determining credential level.

Table 3-40. Pharmacist Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL

Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Pharmacist Clinically Active

Required for determining credential level. If applicant reports being a private practitioner, display set of peer questions. Peer reference data must be entered.

Table 3-41. Pharmacist Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Private practitioner	Is applicant a private practitioner? <i>Options: Yes / No</i>	string	3	RL
Peer name	Professional peer's name.	string	80	RL
Peer E-mail	Peer's E-mail.	string	255	RL
Peer phone	Peer's phone number.	string	40	RL
Peer city	Peer's city.	string	40	RL
Peer State	Peer's State. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other non-hospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where the applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Pharmacist Inspector General Status Required for determining credential level.

Table 3-42. Pharmacist Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Pharmacist DEA Registration ^{ss}

Required for determining credential level. If applicant reports that name on registration is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-43. Pharmacist DEA Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
DEA registration first name	Applicant's first name exactly as it appears on DEA registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
DEA registration middle name	Applicant's middle name or initial exactly as it appears on DEA registration.	string	25	RL
DEA registration last name	Applicant's last name exactly as it appears on DEA registration.	string	40	RL
DEA suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
DEA registration number	Applicant's DEA registration number.	string	20	RL
DEA registration expiration date	Date applicant's DEA registration expires.	date		RL
DEA registration verification date	Most recent date this credential was verified.	date		R
DEA registration verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RL

^{ss} A pharmacist is not required to have an individual DEA license in order to dispense drugs provided they work in an institution (e.g., hospital or drug store) that possesses an institutional DEA license. Thus, verification for credential level is only required if the volunteer provides a DEA license number on the application form.

Physician

Physician Unencumbered License or Equivalent State Authorization

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-44. Physician Unencumbered License or Equivalent State Authorization

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	40	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Physician Specialty Certification

One specialty required for determining credential level, additional specialty optional. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered. Multiple entries of the specialty certification are permitted. The first occurrence is required for determining credential level, subsequent entries are optional.

Table 3-45. Physician Specialty Certification

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
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Specialty first name	Applicant's first name exactly as it appears on specialty certification/registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
Specialty middle name	Applicant's middle name or initial exactly as it appears on specialty certification/registration.	string	25	RL
Specialty last name	Applicant's last name exactly as it appears on specialty certification/registration.	string	40	RL
Specialty suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
Specialty certification-awarding organization	Organization that awarded specialty certification. <i>See appendix A for a list of physician specialties.</i>	string	100	RL
Specialty	Area of specialty practice. <i>See appendix A for a list of medical specialties and subspecialties.</i>	string	100	RL
Specialty certification number	Applicant's specialty certification/registration number for specialty.	string	40	RL
Specialty certification expiration date	Date applicant's specialty certification expires.	date		RL
Specialty certification verification date	Most recent date this credential was verified.	date		R
Specialty verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Physician Clinically active in a hospital
Required for determining credential level.

Table 3-46. Physician Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital specialty	Specialty applicant has privileges to practice at this hospital.	string	100	RL
Hospital specialty (if provided)	Specialty applicant has privileges to practice at this hospital. <i>(If the Physician practices under an additional specialty.)</i>	string	100	O
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Physician Clinically Active

Required for determining credential level. If applicant reports being a private practitioner, display set of peer questions. Peer reference data must be entered.

Table 3-47. Physician Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Private practitioner	Is applicant a private practitioner? <i>Options: Yes / No</i>	string	3	RL
Peer name	Professional peer's name.	string	80	RL
Peer E-mail	Peer's E-mail.	string	255	RL
Peer phone	Peer's phone number.	string	40	RL
Peer city	Peer's city.	string	40	RL
Peer State	Peer's State. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL

Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Physician Record of Adverse Actions

Required for determining credential level.

Table 3-48. Physician Record of Adverse Actions

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Adverse actions verification result	Are there any adverse actions or restrictions regarding license in any State? <i>Options: Yes / No If yes, exclude applicant as a volunteer.</i>	string	3	RL
Verification date	The date that the adverse action was verified	date		RL

Physician Inspector General Status

Required for determining credential level.

Table 3-49. Physician Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG database was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True / False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Physician DEA Registration

Required for determining credential level. If applicant reports that name on registration is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-50. Physician DEA Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
DEA registration first name	Applicant's first name exactly as it appears on DEA registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
DEA registration middle name	Applicant's middle name or initial exactly as it appears on DEA registration.	string	25	RL
DEA registration last name	Applicant's last name exactly as it appears on DEA registration.	string	40	RL
DEA suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
DEA registration number	Applicant's DEA registration number.	string	40	RL
DEA registration expiration date	Date applicant's DEA registration expires.	date		RL
DEA registration verification date	Most recent date this credential was verified.	date		R
DEA registration verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Physician Assistant

PA Unencumbered License or Equivalent State Authorization

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-51. PA Unencumbered License or Equivalent State Authorization

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	40	RL

Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

PA Certification/Registration

Required for determining credential level. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-52. PA Certification/Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Certification first name	Applicant's first name exactly as it appears on the certification. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
Certification middle name	Applicant's middle name or initial exactly as it appears on the certification.	string	25	RL
Certification last name	Applicant's last name exactly as it appears on the certification.	string	40	RL
Certification suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
Certification number	Applicant's certification number.	string	40	RL
Certification expiration date	Date certification expires.	date		RL
Certification verification date	Most recent date this credential was verified.	date		R
Certification verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

PA Clinically active in a hospital

Required for determining credential level.

Table 3-53. PA Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
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Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital specialty	Specialty applicant has privileges to practice at this hospital.	string	100	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

PA Clinically Active

Required for determining credential level. If applicant reports being a private practitioner, display set of peer questions. Peer reference data must be entered.

Table 3-54. PA Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where the applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

PA Record of Adverse Actions

Required for determining credential level.

Table 3-55. PA Record of Adverse Actions

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Adverse actions verification result	Are there any adverse actions or restrictions regarding license in any State? <i>Options: Yes / No If yes, exclude applicant as a volunteer.</i>	string	3	RL
Verification date	The date that the adverse action was verified	date		RL

PA Inspector General Status

Required for determining credential level.

Table 3-56. PA Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG database was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True / False. If true, exclude applicant as a volunteer.</i>	string	7	RL

PA DEA Registration

Required for determining credential level. If applicant reports that name on registration is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-57. PA DEA Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
DEA registration first name	Applicant's first name exactly as it appears on DEA registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
DEA registration middle name	Applicant's middle name or initial exactly as it appears on DEA registration.	string	25	RL
DEA registration last name	Applicant's last name exactly as it appears on DEA registration.	string	40	RL
DEA suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
DEA registration number	Applicant's DEA registration number.	string	40	RL
DEA registration expiration date	Date applicant's DEA registration expires.	date		RL

DEA registration verification date	Most recent date this credential was verified.	date		R
DEA registration verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Psychologist

Psychologist Unencumbered License or Equivalent State Authorization

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-58. Psychologist Unencumbered License or Equivalent State Authorization

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	40	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Psychologist Specialty Certification

One specialty required, but not for determining credential level, additional specialty optional. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered. Multiple entries of the specialty certification are permitted. The first occurrence is required, but not for determining credential level, subsequent entries are optional.

Table 3-59. Psychologist Specialty Certification

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Specialty first name	Applicant's first name exactly as it appears on specialty certification/registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RV
Specialty middle name	Applicant's middle name or initial exactly as it appears on specialty certification/registration.	string	25	RV
Specialty last name	Applicant's last name exactly as it appears on specialty certification/registration.	string	40	RV
Specialty suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RV
Specialty certification-awarding organization	Organization that awarded specialty certification. <i>See appendix A for a list of psychologist specialties.</i>	string	10 0	RV
Specialty	Area of specialty practice. <i>See appendix B for a list of psychology specialties.</i>	string	10 0	RV
Specialty certification number	Applicant's certification/registration number for specialty.	string	40	RV
Specialty certification expiration date	Date applicant's specialty certification expires.	date		RV
Specialty certification verification date	Most recent date this credential was verified.	date		R
Specialty certification verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RV

Psychologist Clinically active in a hospital
Required for determining credential level.

Table 3-60. Psychologist Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RL

Psychologist Clinically Active

Required for determining credential level. If applicant reports being a private practitioner, display set of peer questions. Peer reference data must be entered.

Table 3-61. Psychologist Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Private practitioner	Is applicant a private practitioner? <i>Options: Yes No</i>	string	3	RL
Peer name	Professional peer's name.	string	80	RL
Peer E-mail	Peer's E-mail.	string	255	RL
Peer phone	Peer's phone number.	string	40	RL
Peer city	Peer's city.	string	40	RL
Peer State	Peer's State. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL

Clinically active facility State	State of facility where the applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Psychologist Record of Adverse Actions

Required for determining credential level. *The method for identifying adverse actions is being determined. ASPR suggests adding these data elements now for use at a later time.*

Table 3-62. Psychologist Record of Adverse Actions

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Adverse actions verification result	Are there any adverse actions or restrictions regarding license in any State? [TBD] <i>Options: Yes / No If yes, exclude applicant as a volunteer.</i>	string	3	RL
Verification date	The date that the adverse action was verified	date		RL

Psychologist Inspector General Status

Required for determining credential level.

Table 3-63. Psychologist Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True / False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Psychologist DEA Registration

Required, but not for determining credential level. . If applicant reports that name on registration is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-64. Psychologist DEA Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
DEA registration first name	Applicant's first name exactly as it appears on DEA registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
DEA registration middle name	Applicant's middle name or initial exactly as it appears on DEA registration.	string	25	RL
DEA registration last name	Applicant's last name exactly as it appears on DEA registration.	string	40	RL
DEA suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
DEA registration number	Applicant's DEA registration number.	string	20	RL
DEA registration expiration date	Date applicant's DEA registration expires.	date		RL
DEA registration verification date	Most recent date this credential was verified.	date		R
DEA registration verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RL

Registered Nurse

RN Unencumbered License or Equivalent State Authorization

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-65. RN Unencumbered License or Equivalent State Authorization

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL

License number	Applicant's license number.	string	40	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

RN Specialty Certification

Required, but not for determining credential level. . If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered. Multiple entries of the specialty certification are permitted. The first occurrence is required but not for determining credential level, subsequent entries are optional.

Table 3-66. RN Specialty Certification

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Specialty first name	Applicant's first name exactly as it appears on specialty certification/registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	R
Specialty middle name	Applicant's middle name or initial exactly as it appears on specialty certification/registration.	string	25	R
Specialty last name	Applicant's last name exactly as it appears on specialty certification/registration.	string	40	R
Specialty suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	R
Specialty certification-awarding organization	Organization that awarded specialty certification. <i>See appendix B for a list of nursing specialty certification boards.</i>	string	100	R
Specialty	Area of specialty practice. <i>See appendix B for a list of nursing specialties.</i>	string	100	R
Specialty certification number	Applicant's specialty certification/registration number for specialty.	string	40	R
Specialty certification expiration date	Date applicant's specialty certification expires.	date		R

Specialty certification verification date	Most recent date this credential was verified.	date		R
Specialty verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	R

RN Skill by Practical Experience Without Formal Training Required, but not for credential level.

Table 3-67. RN Skill by Practical Experience Without Formal Training

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Area of experience	Applicant's specialty based on experience rather than formal training.	string	100	R
Years of experience	Number of years applicant has practiced this specialty.	integer		R

RN Clinically active in a hospital Required for determining credential level.

Table 3-68. RN Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix A for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

RN Clinically Active

Required for determining credential level. If applicant reports being a private practitioner, display set of peer questions. Peer reference data must be entered.

Table 3-69. RN Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Private practitioner	Is applicant a private practitioner? <i>Options: Yes / No</i>	boolean		RL
Peer name	Professional peer's name.	string	80	RL
Peer E-mail	Peer's E-mail.	string	255	RL
Peer phone	Peer's phone number.	string	40	RL
Peer city	Peer's city.	string	40	RL
Peer State	Peer's State. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where the applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

RN Inspector General Status

Required for determining credential level.

Table 3-70. RN Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R

IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True / False. If true, exclude applicant as a volunteer.</i>	boolean	RL
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Respiratory Therapist

RT Unencumbered License or Equivalent State Authorization

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-71. RT Unencumbered License or Equivalent State Authorization

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	40	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

RT Certification/Registration

Required but not for credential level. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-72. RT Certification/Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Certification first name	Applicant's first name exactly as it appears on the certification/registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RV
Certification middle name	Applicant's middle name or initial exactly as it appears on the certification/registration.	string	25	RV
Certification last name	Applicant's last name exactly as it appears on the certification/registration.	string	40	RV
Certification suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RV
Certification number	Applicant's certification/registration number.	string	40	RV
Certification expiration date	Date certification/registration expires.	date		RV
Certification verification date	Most recent date this credential was verified.	date		R
Certification verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RV

RT Specialty Certification

Optional. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-73. RT Specialty Certification

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Specialty first name	Applicant's first name exactly as it appears on specialty certification/registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	O
Specialty middle name	Applicant's middle name or initial exactly as it appears on specialty certification/registration.	string	25	O

Specialty last name	Applicant's last name exactly as it appears on specialty certification/registration.	string	40	O
Specialty suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	O
Specialty	Area of specialty practice. <i>See appendix B for a list of respiratory therapist specialties.</i>	string	100	O
Specialty certification number	Applicant's certification/registration number for specialty	string	40	O
Specialty certification expiration date	Date applicant's specialty certification expires.	date		O
Specialty certification verification date	Most recent date this credential was verified.	date		O
Specialty verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	O

RT Clinically active in a hospital

Required for determining credential level.

Table 3-74. RT Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	<i>State of hospital where applicant practices.</i> <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

RT Clinically Active

Required for determining credential level.

Table 3-75. RT Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL

Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where the applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

RT Inspector General Status

Required for determining credential level.

Table 3-76. RT Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True / False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Veterinarian

Veterinarian Unencumbered License or Equivalent State Authorization

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-77. Veterinarian Unencumbered License or Equivalent State Authorization

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL

License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	40	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Veterinarian Specialty Certification

Required, but not for determining credential level. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-78. Veterinarian Specialty Certification

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Specialty first name	Applicant's first name exactly as it appears on specialty certification/registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RV
Specialty middle name	Applicant's middle name or initial exactly as it appears on specialty certification/registration.	string	25	RV
Specialty last name	Applicant's last name exactly as it appears on specialty certification/registration.	string	40	RV
Specialty suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RV
Specialty certification-awarding organization	Organization that awarded specialty certification. <i>See appendix B for a list of veterinary specialty certifying organizations.</i>	string	100	RV
Specialty	Area of specialty practice. <i>See appendix B for a list of veterinary specialties.</i>	string	100	RV
Specialty certification number	Applicant's certification/registration number for specialty.	string	40	RV
Specialty certification expiration date	Date applicant's specialty certification expires.	date		RV

Specialty certification verification date	Most recent date this credential was verified.	date		R
Specialty verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RV

Veterinarian Clinically Active

Required for determining credential level. If applicant reports being a private practitioner, display set of peer questions. Peer reference data must be entered.

Table 3-79. Veterinarian Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Private practitioner	Is applicant a private practitioner? <i>Options: Yes / No</i>	string	3	RL
Peer name	Professional peer's name.	string	80	RL
Peer E-mail	Peer's E-mail.	string	255	RL
Peer phone	Peer's phone number.	string	40	RL
Peer city	Peer's city.	string	40	RL
Peer State	Peer's State. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Veterinarian Inspector General Status

Required for determining credential level.

Table 3-80. Veterinarian Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Veterinarian DEA Registration

Required for determining credential level. If applicant reports that name on registration is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-81. Veterinarian DEA Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
DEA registration first name	Applicant's first name exactly as it appears on DEA registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
DEA registration middle name	Applicant's middle name or initial exactly as it appears on DEA registration.	string	25	RL
DEA registration last name	Applicant's last name exactly as it appears on DEA registration.	string	40	RL
DEA suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
DEA registration number	Applicant's DEA registration number.	string	40	RL
DEA registration expiration date	Date applicant's DEA registration expires.	date		RL
DEA registration verification date	Most recent date this credential was verified.	date		R
DEA registration verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RL

3.3 Healthcare Technologist and Technician

Cardiovascular Technologist and Technician

Cardiovascular Technologist and Technician Unencumbered License or Equivalent State Authorization

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-82. Cardiovascular Technologist and Technician Unencumbered License or Equivalent State Authorization

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	40	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Cardiovascular Technologist and Technician Certification/Registration

Required for determining credential level. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-83. Cardiovascular Technologist and Technician Certification/Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Certification first name	Applicant's first name exactly as it appears on the certification/registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
Certification middle name	Applicant's middle name or initial exactly as it appears on the certification/registration.	string	25	RL
Certification last name	Applicant's last name exactly as it appears on the certification/registration.	string	40	RL
Certification suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
Certifying institution	Name of institution that certified/registered applicant. <i>See appendix A for a list of organizations that certify cardiovascular technologists and technicians.</i>	string	80	RL
Certification type	Type of professional certification/registration. <i>See appendix A for a list of cardiovascular technologist and technician certifications.</i>	string	100	RL
Certification number	Applicant's certification/registration number.	string	40	RL
Certification expiration date	Date certification/registration expires.	date		RL
Certification verification date	Most recent date this credential was verified.	Date		R
Certification verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Cardiovascular Technologist and Technician Clinically active in a hospital

Required for determining credential level.

Table 3-84. Cardiovascular Technologist and Technician Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL

Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Cardiovascular Technologist and Technician Clinically Active

Required for determining credential level.

Table 3-85. Cardiovascular Technologist and Technician Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Cardiovascular Technologist and Technician Inspector General Status

Required for determining credential level.

Table 3-86. Cardiovascular Technologist and Technician Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R

IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True False. If true, exclude applicant as a volunteer.</i>	boolean	RL
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Diagnostic Medical Sonographer

DMS Certification/Registration

Required for determining credential level. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-87. DMS Certification/Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Certification first name	Applicant's first name exactly as it appears on the certification/registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
Certification middle name	Applicant's middle name or initial exactly as it appears on the certification/registration.	string	25	RL
Certification last name	Applicant's last name exactly as it appears on the certification/registration.	string	40	RL
Certification suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
Certifying institution	Name of institution that certified/registered applicant. <i>Options: American Registry of Diagnostic Medical Sonographers / American Registry of Radiologic Technologists</i>	string	80	RL
Certification number	Applicant's certification/registration number.	string	40	RL
Certification expiration date	Date certification/registration expires.	date		RL
Certification verification date	Most recent date this credential was verified.	date		R
Certification verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RL

DMS Clinically active in a hospital
Required for determining credential level.

Table 3-88. DMS Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RL

DMS Clinically Active
Required for determining credential level.

Table 3-89. DMS Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RL

DMS Inspector General Status

Required for determining credential level.

Table 3-90. DMS Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Emergency Medical Technician and Paramedic

EMT and Paramedic Unencumbered License or Equivalent State Authority

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-91. EMT and Paramedic Unencumbered License or Equivalent State Authority

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	40	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RL

EMT and Paramedic Certification/Registration

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-92. EMT and Paramedic Certification/Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Certification first name	Applicant's first name exactly as it appears on the certification/registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
Certification middle name	Applicant's middle name or initial exactly as it appears on the certification/registration.	string	25	RL
Certification last name	Applicant's last name exactly as it appears on the certification/registration.	string	40	RL
Certification suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
Certifying institution	Name of institution that certified/registered applicant. <i>National Registry of Emergency Medical Technicians</i>	string	80	RL
Certification number	Applicant's certification/registration number.	string	40	RL
Certification expiration date	Date certification/registration expires.	date		RL
Certification verification date	Most recent date this credential was verified.	date		R
Certification verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	boolean		RL

EMT and Paramedic Clinically Active

Required for determining credential level.

Table 3-93. EMT and Paramedic Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL

Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

EMT and Paramedic Inspector General Status

Required, but not for determining credential level.

Table 3-94. EMT and Paramedic Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True / False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Licensed Practical Nurse/Licensed Vocational Nurse

LPN and LVN Unencumbered License or Equivalent State Authority

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-95. LPN and LVN Unencumbered License or Equivalent State Authority

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	40	RL

Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

LPN and LVN Clinically active in a hospital Required for determining credential level.

Table 3-96. LPN and LVN Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

LPN and LVN Clinically Active Required for determining credential level.

Table 3-97. LPN and LVN Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL

Clinically active facility State	State of facility where applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

LPN and LVN Inspector General Status

Required for determining credential level.

Table 3-98. LPN and LVN Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True / False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Medical and Clinical Laboratory Technician

Medical and Clinical Laboratory Technician Unencumbered License or Equivalent State Authority

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-99. Medical and Clinical Laboratory Technician Unencumbered License or Equivalent State Authority

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	40	RL

Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Medical and Clinical Laboratory Technician Certification/Registration

One required for determining credential level; additional certification optional. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered. Multiple entries of the certification/registration are permitted. The first occurrence is required for determining credential level, subsequent entries are optional.

Table 3-100. Medical and Clinical Laboratory Technician Certification/Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Certification first name	Applicant's first name exactly as it appears on the certification. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
Certification middle name	Applicant's middle name or initial exactly as it appears on the certification.	string	25	RL
Certification last name	Applicant's last name exactly as it appears on the certification.	string	40	RL
Certification suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
Certifying institution	Name of institution that certified applicant. <i>See appendix A for a list of organizations that certify medical and clinical laboratory technicians.</i>	string	80	RL
Certification type	Type of professional certification. <i>See appendix A for a list of medical and clinical laboratory technician specialties.</i>	string	100	RL
Certification number	Applicant's certification number.	string	40	RL
Certification expiration date	Date certification expires.	date		RL
Certification verification date	Most recent date this credential was verified.	date		R
Certification1 verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

**Medical and Clinical Laboratory Technician Clinically active in a hospital
Required for determining credential level.**

Table 3-101. Medical and Clinical Laboratory Technician Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	boolean		RL

**Medical and Clinical Laboratory Technician Clinically Active
Required for determining credential level.**

Table 3-102. Medical and Clinical Laboratory Technician Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RL

**Medical and Clinical Laboratory Technician Inspector General Status
Required for determining credential level.**

Table 3-103. Medical and Clinical Laboratory Technician Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Medical and Clinical Laboratory Technologist

Medical and Clinical Laboratory Technologist Unencumbered License or Equivalent State Authority

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-104. Medical and Clinical Laboratory Technologist Unencumbered License or Equivalent State Authority

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	40	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RL

Medical and Clinical Laboratory Technologist Certification/Registration

One certification required for determining credential level; additional certification

optional. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered. Multiple entries of the certification/registration are permitted. The first occurrence is required for determining credential level, subsequent entries are optional.

Table 3-105: Medical and Clinical Laboratory Technologist Certification/Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Certification first name	Applicant's first name exactly as it appears on the certification. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
Certification middle name	Applicant's middle name or initial exactly as it appears on the certification.	string	25	RL
Certification last name	Applicant's last name exactly as it appears on the certification.	string	40	RL
Certification suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
Certifying institution	Name of institution that certified applicant. <i>See appendix A for a list of organizations that certify medical and clinical laboratory technologists.</i>	string	80	RL
Certification type	Type of professional certification. <i>See appendix A for a list of medical and clinical laboratory technologist specialties.</i>	string	100	RL
Certification number	Applicant's certification number.	string	40	RL
Certification expiration date	Date certification expires.	date		RL
Certification verification date	Most recent date this credential was verified.	date		R
Certification verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	boolean		RL

Medical and Clinical Laboratory Technologist Clinically active in a hospital

Required for determining credential level.

Table 3-106. Medical and Clinical Laboratory Technologist Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL

Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Medical and Clinical Laboratory Technologist Clinically Active Required for determining credential level.

Table 3-107. Medical and Clinical Laboratory Technologist Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Medical and Clinical Laboratory Technologist Inspector General Status Required for determining credential level.

Table 3-108. Medical and Clinical Laboratory Technologist Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R

IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True False. If true, exclude applicant as a volunteer.</i>	boolean	RL
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Medical Records and Health Information Technician

Medical Records and Health Information Technician Certification/Registration

Required for determining credential level. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-109. Medical Records and Health Information Technician Certification/Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Certification first name	Applicant's first name exactly as it appears on the certification/registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
Certification middle name	Applicant's middle name or initial exactly as it appears on the certification/registration.	string	25	RL
Certification last name	Applicant's last name exactly as it appears on the certification/registration.	string	40	RL
Certification suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
Certifying institution	Name of institution that certified applicant. <i>See appendix A for a list of organizations that certify medical records and health information technician.</i>	string	80	RL
Certification type	Type of professional certification/registration. <i>See appendix A for a list of medical records and health information technician specialties.</i>	string	100	RL
Certification number	Applicant's certification/registration number.	string	40	RL
Certification expiration date	Date certification/registration expires.	date		RL
Certification verification date	Most recent date this credential was verified.	date		R
Certification verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RL

Medical Records and Health Information Technician Clinically active in a hospital

Required for determining credential level.

Table 3-110. Medical Records and Health Information Technician Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Medical Records and Health Information Technician Clinically Active Required for determining credential level.

Table 3-111. Medical Records and Health Information Technician Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL
Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where the applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Medical Records/Health Information Technician Inspector General Status Required for determining credential level.

Table 3-112. Medical Records/Health Information Technician Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Radiologic Technologist and Technician

Radiologic Technologist and Technician Unencumbered License or Equivalent State Authority

Required for determining credential level. If applicant reports that name on license is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-113. Radiologic Technologist and Technician Unencumbered License or Equivalent State Authority

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
License first name	Applicant's first name exactly as it appears on professional license. <i>This data element is useful if the applicant's name given during registration is different from the name used on the license.</i>	string	25	RL
License middle name	Applicant's middle name or initial exactly as it appears on license.	string	25	RL
License last name	Applicant's last name exactly as it appears on license.	string	40	RL
License suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
License number	Applicant's license number.	string	40	RL
Licensing State	State issuing license. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
License expiration date	Date applicant's license expires.	date		RL
License verification date	Most recent date this credential was verified.	date		R
License verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RL

Radiologic Technologist and Technician Certification/Registration

Required for determining credential level. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered.

Table 3-114. Radiologic Technologist and Technician Certification/Registration

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Certification first name	Applicant's first name exactly as it appears on the certification. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RL
Certification middle name	Applicant's middle name or initial exactly as it appears on the certification.	string	25	RL
Certification last name	Applicant's last name exactly as it appears on the certification.	string	40	RL
Certification suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
Certification number	Applicant's certification number.	string	40	RL
Certification expiration date	Date certification expires.	date		RL
Certification verification date	Most recent date this credential was verified.	date		R
Certification verification result	Result of most recent credential verification. <i>Options: Success Failure</i>	string	7	RL

Radiologic Technologist and Technician Specialty Certification

One specialty required, but not for determining credential level; additional specialty optional. If applicant reports that name on certification is not the same as name provided in Identity/Personal Information section, display set of name questions. Name data must be entered. Multiple entries of the specialty certification are permitted. The first occurrence is required for determining credential level, subsequent entries are optional.

Table 3-115. Radiologic Technologist and Technician Specialty Certification

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Specialty first name	Applicant's first name exactly as it appears on specialty certification/registration. <i>This data element is useful if the applicant's name given during registration is different from the name used on this credential.</i>	string	25	RV
Specialty middle name	Applicant's middle name or initial exactly as it appears on specialty certification/registration.	string	25	RV

Specialty last name	Applicant's last name exactly as it appears on specialty certification/registration.	string	40	RV
Specialty suffix	Title(s) that follows applicant's last name (e.g., DDS, Jr., RN).	string	20	RL
Specialty	Area of specialty practice. <i>See appendix A for a list of radiologic technologist and technician specialties.</i>	string	100	RV
Specialty certification number	Applicant's specialty certification/registration number for specialty.	string	40	RV
Specialty certification expiration date	Date applicant's specialty certification expires.	date		RV
Specialty certification verification date	Most recent date this credential was verified.	date		R
Specialty verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RV

Radiologic Technologist and Technician Clinically active in a hospital Required for determining credential level.

Table 3-116. Radiologic Technologist and Technician Clinically active in a hospital

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Hospital name	Name of hospital where applicant practices.	string	100	RL
Hospital city	City of hospital where applicant practices.	string	40	RL
Hospital State	State of hospital where applicant practices. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Hospital-active verification date	Most recent date this credential was verified.	date		R
Hospital-active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Radiologic Technologist and Technician Clinically Active Required for determining credential level.

Table 3-117. Radiologic Technologist and Technician Clinically Active

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
Clinically active supervisor	Supervisor's name.	string	80	RL
Clinically active supervisor E-mail	Supervisor's E-mail address.	string	255	RL

Clinically active supervisor phone no.	Supervisor's phone number.	string	40	RL
Clinically active facility	Name of facility where applicant practices in an outpatient or other nonhospital setting.	string	100	RL
Clinically active facility city	City of facility where applicant practices in an outpatient or other nonhospital setting.	string	40	RL
Clinically active facility State	State of facility where applicant practices in an outpatient or other nonhospital setting. <i>See appendix C for a list of U.S. States and dependencies.</i>	string	2	RL
Clinically active verification date	Most recent date this credential was verified.	date		R
Clinically active verification result	Result of most recent credential verification. <i>Options: Success / Failure</i>	string	7	RL

Radiologic Technologist and Technician Inspector General Status Required for determining credential level.

Table 3-118. Radiologic Technologist and Technician Inspector General Status

Nomenclature	Description (includes domain description when relevant)	Data Type	Size	Required/ Optional
IG status verification date	Date IG status was most recently verified.	date		R
IG status verification result	Result of most recent credential verification: Applicant is in IG database. <i>Options: True / False. If true, exclude applicant as a volunteer.</i>	boolean		RL

Appendix A: Verification Authorities for Credentials Required for Assigning ESAR-VHP Level

The primary purpose of Appendix A and B is to identify the major health professional certification organizations that States should be aware of when verifying credentials. The specialties and subspecialties identified are provided for informational purposes and States should be aware that new specialties are added and dropped on a regular basis.

Advanced Practice Registered Nurse: Verification Authorities

January 2010

<i>Verification Authority</i>	<i>Certification/Registration</i>
American Association of Nurse Anesthetists (AANA) <www.aana.com>	Nurse Anesthetist (CRNA)
American Midwifery Certification Board (AMBC) <www.amcbmidwife.org>	Certified Nurse Midwife (CNM)
National Certification Corporation (NCC) <www.nccwebsite.org>	Women's Health Care Nurse Practitioner (RNC) Neonatal Nurse Practitioner (RNC)
American Nurses Credentialing Center (ANCC) <www.nursingworld.org/ancc>	<p>Nurse practitioner</p> <ul style="list-style-type: none"> • Acute Care Nurse Practitioner (ACNP, BC) • Adult Nurse Practitioner (ANP, BC) • Adult Psychiatric and Mental Health Care Nurse Practitioner (PMHNP, BC) • Advanced Diabetes Management Nurse Practitioner (ADM, BC) • Family Nurse Practitioner (FNP, BC) • Family Psychiatric and Mental Health Nurse Practitioner (PHMNP, BC) • Gerontological Nurse Practitioner (GNP, BC) • Pediatric Nurse Practitioner (PNP, BC) • School Nurse Practitioner (SNP, BC) <p>Clinical Nurse Specialist</p> <ul style="list-style-type: none"> • Clinical Nurse Specialist in Advanced Diabetes Management (ADM, BC) • Clinical Nurse Specialist in Adult Health (ACNS, BC) • Clinical Nurse Specialist in Adult Psychiatric/Mental Health (PMHCNS, BC) • Clinical Nurse Specialist in Child Adolescent Psychiatric/Mental Health (PMHCNS, BC) • Clinical Nurse Specialist in Gerontology (GCNS, BC) • Clinical Nurse Specialist in Home Health (HHCNS, BC) • Clinical Nurse Specialist in Pediatrics (PCNS, BC) • Public Health Clinical Nurse Specialist (PHCNS, BC)

**Physician: Verification Authorities, American Board of Medical Specialties and Subspecialties
January 2010**

Verification Authority

Specialty and Subspecialty Certification/Registration

American Board of Allergy and Immunology (ABAI)

Allergy and Immunology

<www.abai.org>

American Board of Anesthesiology (ABA)

Anesthesiology

- Critical Care Medicine
- Hospice and Palliative Medicine
- Pain Medicine

<www.theaba.org>

American Board of Colon and Rectal Surgery (ABCRS)

Colon and Rectal Surgery

<www.abcrs.org>

American Board of Dermatology (ABD) <www.abderm.org>

Dermatology

- Clinical and Laboratory Dermatological Immunology
- Dermatopathology
- Pediatric Dermatology

American Board of Emergency Medicine (ABEM)

Emergency Medicine

- Hospice and Palliative Medicine
- Medical Toxicology
- Pediatric Emergency Medicine
- Sports Medicine
- Undersea and Hyperbaric Medicine

<www.abem.org>

American Board of Family Medicine (ABFM)

Family Medicine

- Adolescent Medicine
- Geriatric Medicine
- Hospice and Palliative Medicine
- Sleep Medicine
- Sports Medicine

<www.theabfm.org>

American Board of Internal Medicine (ABIM)

Internal medicine

- Adolescent Medicine
- Advanced Heart Failure and Transplant Cardiology
- Cardiovascular Disease
- Clinical Cardiac Electrophysiology
- Critical Care Medicine
- Endocrinology, Diabetes, and Metabolism
- Gastroenterology
- Geriatric Medicine
- Hematology
- Hospice and Palliative Medicine
- Infectious Disease
- Interventional Cardiology
- Medical Oncology
- Nephrology
- Pulmonary Disease
- Rheumatology
- Sleep Medicine
- Sports Medicine
- Transplant Hepatology

<www.abim.org>

<p>American Board of Medical Genetics (ABMG) <www.abmg.org></p>	<p>Clinical Biochemical Genetics Clinical Cytogenetics Clinical Genetics (MD) <ul style="list-style-type: none"> • Molecular Genetic Pathology • Medical Biochemical Genetics Clinical Molecular Genetics Medical Genetics (PhD)</p>
<p>American Board of Neurological Surgery (ABNS) <www.abns.org></p>	<p>Neurological Surgery</p>
<p>American Board of Nuclear Medicine (ABNM) <www.abnm.org></p>	<p>Nuclear Medicine</p>
<p>American Board of Obstetrics and Gynecology (ABOG) <www.abog.org></p>	<p>Obstetrics and Gynecology <ul style="list-style-type: none"> • Critical Care Medicine • Gynecologic Oncology • Hospice and Palliative Medicine • Maternal and Fetal Medicine • Reproductive Endocrinology/Infertility </p>
<p>American Board of Ophthalmology (ABO) <www.abop.org></p>	<p>Ophthalmology</p>
<p>American Board of Orthopedic Surgery (ABOS) <www.abos.org></p>	<p>Orthopedic Surgery <ul style="list-style-type: none"> • Hand Surgery • Orthopedic Sports Medicine </p>
<p>American Board of Otolaryngology (ABOot) <www.aboto.org></p>	<p>Otolaryngology <ul style="list-style-type: none"> • Neurotology • Pediatric Otolaryngology • Plastic surgery Within in the Head and Neck • Sleep Medicine </p>
<p>American Board of Pathology (ABP) <www.abpath.org></p>	<p>Anatomic Pathology <ul style="list-style-type: none"> • Chemical Pathology • Molecular Genetic Pathology Anatomic Pathology/Clinical Pathology <ul style="list-style-type: none"> • Blood Banking/Transfusion Medicine • Medical microbiology Clinical Pathology <ul style="list-style-type: none"> • Cytopathology • Dermatopathology • Forensic Pathology • Hematology • Neuropathology • Pediatric Pathology </p>

American Board of Pediatrics (ABP)
<www.abp.org>

Pediatrics

- Adolescent Medicine
- Child Abuse Pediatrics
- Developmental-Behavioral Pediatrics
- Hospice and Palliative Medicine
- Medical Toxicology
- Neonatal-Perinatal Medicine
- Neurodevelopmental Disabilities
- Pediatric Cardiology
- Pediatric Critical Care Medicine
- Pediatric Emergency Medicine
- Pediatric Endocrinology
- Pediatric Gastroenterology
- Pediatric Hematology-Oncology
- Pediatric Infectious Diseases
- Pediatric Nephrology
- Pediatric Pulmonology
- Pediatric Rheumatology
- Pediatric Transplant Hepatology
- Sleep Medicine
- Sports Medicine

American Board of Physical Medicine and Rehabilitation (ABPMR)
<www.abpmr.org>

Physical medicine and rehabilitation

- Hospice and Palliative Medicine
- Neuromuscular Medicine
- Pain Medicine
- Pediatric Rehabilitation Medicine
- Spinal Cord Injury Medicine
- Sports Medicine

American Board of Plastic Surgery (ABPS)
<www.abplsurg.org>

Plastic Surgery

- Plastic surgery Within the Head and Neck
- Surgery of the Hand

American Board of Preventive Medicine (ABPM)
<www.abprevmed.org>

Aerospace Medicine
Occupational Medicine

Public Health and General Preventive Medicine

- Medical Toxicology
- Undersea and Hyperbaric Medicine

American Board of Psychiatry and Neurology (ABPN)
<www.abpn.com>

Psychiatry

- Addiction Psychiatry
- Geriatric Psychiatry

Neurology

- Child and Adolescent Psychiatry
- Neurodevelopmental Disabilities

Neurology with Special Qualifications in

- Clinical Neurophysiology
- Pain Medicine

Child Neurology

- Forensic Psychiatry
- Psychosomatic Medicine

Vascular neurology

Radiology (no acronym)

<www.theabr.org>

Diagnostic Radiology

- Neuroradiology
- Pediatric Radiology

Radiation Oncology

- Nuclear Radiology
- Vascular and Interventional Radiology

Radiological Physics

American Board of Surgery (ABS)

<home.absurgery.org>

General Surgery

Pediatric Surgery

Surgical Critical-Care

Surgery of the Hand

Vascular Surgery

American Board of Thoracic Surgery
(ABTS)

<www.abts.org>

Thoracic Surgery

American Board of Urology (ABU)

<www.abu.org>

Urology

- Pediatric Urology

**Physician: Verification Authorities, American Osteopathic Medical Specialties
and Subspecialties**

January 2010

Verification Authority

Specialty and Subspecialty Certification/Registration

Anesthesiology
<www.doprofiles.org>

Anesthesiology

Dermatology
<www.doprofiles.org>

Dermatology

Emergency Medicine
<www.doprofiles.org>

Emergency Medicine

Family Physicians
<www.doprofiles.org>

Family Practice (and OMT)

Internal Medicine
<www.doprofiles.org>

Internal medicine

- Allergy/Immunology
- Cardiology
- Endocrinology
- Gastroenterology
- Hematology
- Hematology/Oncology
- Infectious Disease
- Nephrology
- Oncology
- Pulmonary Disease
- Rheumatology

Neurology and Psychiatry
<www.doprofiles.org>

Neurology and Psychiatry

- Child/Adolescent Psychiatry
- Child/Adolescent Neurology
- Neurology/Psychiatry

Neuromuscular-skeletal Medicine
<www.doprofiles.org>

Neuromuscular-Skeletal Medicine and Osteopathic Manipulative Medicine

Nuclear Medicine
<www.doprofiles.org>

Nuclear Medicine

Obstetrics and Gynecology
<www.doprofiles.org>

Obstetrics and Gynecology

- Gynecologic Oncology
- Obstetrics and Gynecologic Surgery
- Maternal and Fetal Medicine
- Reproductive Endochronology

Ophthalmology and Otolaryngology <www.doprofiles.org>	Ophthalmology Otolaryngology Otolaryngology/Facial Plastic Surgery Facial Plastic Surgery
Orthopedic Surgery <www.doprofiles.org>	Orthopedic Surgery
Pathology <www.doprofiles.org>	Atomic Pathology and Laboratory Medicine <ul style="list-style-type: none"> • Forensic Pathology
Pediatrics <www.doprofiles.org>	Pediatrics <ul style="list-style-type: none"> • Adolescent/Young Adult Medicine • Neonatology • Pediatric Allergy/immunology • Pediatric Cardiology* • Pediatric Endocrinology • Pediatric Pulmonology
Physical Medicine and Rehabilitation <www.doprofiles.org>	Physical Medicine and Rehabilitation
Preventative Medicine <www.doprofiles.org>	Preventative Medicine/Aerospace Medicine Preventative Medicine/Occupational-Environmental Medicine Preventative Medicine/Public Health Medicine Preventative Medicine/Occupational
Proctology <www.doprofiles.org>	Proctology
Radiology <www.doprofiles.org>	Diagnostic Radiology <ul style="list-style-type: none"> • Radiation Therapy Radiology Oncology Diagnostic Roentgenology Radiology Roentgenology
Surgery <www.doprofiles.org>	General Surgery Plastic and Reconstructive Surgery Thoracic Cardiovascular Surgery Urological Surgery General Vascular Surgery

Physician Assistant: Verification Authorities**January 2010***Verification Authority*

National Commission on
Certification of Physician
Assistants (NCCPA)

<www.nccpa.net>

Certification/Registration

Physician Assistant-Certified (PA-C)

Cardiovascular Technologist/Technician: Verification Authorities**January 2010***Verification Authority*

American Registry of Diagnostic
Medical Sonographers (ARDMS)

<www.ardms.org/index.htm>

Certification/Registration

Registered Diagnostic Cardiac Sonographer (RDCS)

Registered Vascular Technologist (RVT)

Cardiovascular Credentialing
International (CCI)

<www.cci-online.org>

Certified Cardiographic Technician (CCT)

Registered Cardiac Electrophysiology Specialist (RCES)

Registered Cardiovascular Invasive Specialist (RCIS)

Registered Cardiac Sonographer (RCS)

Registered Vascular Specialist (RVS)

Diagnostic Medical Sonographer: Verification Authorities**January 2010***Verification Authority*

American Registry of Diagnostic
Medical Sonographers (ARDMS)

<www.ardms.org/index.htm>

Certification/Registration

Registered Diagnostic Medical Sonographer (RDMS)

Registered Diagnostic Cardiac Sonographer (RDCS)

Registered Vascular Technologist (RVT)

American Registry of Radiologic
Technologists (ARRT)

<www.arrt.org>

Radiologic Technologist Sonographer R.T. (S) (ARRT)

Emergency Medical Technician/Paramedic: Verification Authorities**January 2010**

<i>Verification Authority</i>	<i>Certification/Registration</i>
National Registry for Emergency Medical Technicians (NREMT) <www.nremt.org>	EMT: First Responder EMT: Basic EMT: Intermediate EMT: Paramedic

Medical/Clinical Laboratory Technician: Verification Authorities**January 2010**

<i>Verification Authority</i>	<i>Certification/Registration</i>
American Medical Technologists <www.amt1.com>	Medical Laboratory Technician MLT (AMT)
American Association of Bioanalysts Board of Registry <www.aab.org>	Medical Laboratory Technician MLT (AAB) Physician Office Laboratory Technician POLT (AAB) Phlebotomy Technician (PB) (ABB)
American Society for Clinical Pathology <www.ascp.org>	Donor Phlebotomy Technician MLT (ASCP) Histotechnician HT (ASCP) Medical Laboratory Technician MLT(ASCP) Phlebotomy Technician PBT (ASCP)

Medical/Clinical Laboratory Technologist: Verification Authorities**January 2010***Verification Authority**Certification/Registration*

American Medical Technologists
<www.amt1.com>

Medical Technologist- MT(AMT)

American Society for Clinical
Pathology
<www.ascp.org>

Blood Banking BB (ASCP)
Chemistry C (ASCP)
Cytogenetics CG (ASCP)
Cytotechnology CT(ASCP)
Hematology H (ASCP)
Histotechnologist HTL(ASCP)
Medical Laboratory Scientist MLS (ASCP)
Microbiology M (ASCP)
Molecular Biology MB (ASCP)

American Association of Bioanalysts
Board of Registry
<www.aab.org>

Medical Technologist MT (AAB)

Medical Records/Health Information Technician: Verification Authorities**January 2010***Verification Authority**Specialty Certification/Registration*

Healthcare Information and
Management Systems Society (HIMSS)
<www.himss.org>

Certified Professional in Healthcare Information and Management
Systems (CPHIMS)

American Health Information
Management Association (AHIMA)
<www.ahima.org>

Certified Coding Associate (CCA)
Certified Coding Specialist (CCS)
Certified Coding Specialist–Physician-based (CCS-P)
Certified Health Data Analyst (CHDA)
Certified in Healthcare Privacy and Security (CHPS)
Registered Health Information Technician (RHIT)
Registered Health Information Administrator (RHIA)

Radiologic Technologist/Technician: Verification Authorities**January 2010***Verification Authority*

American Registry of Radiologic Technologists (ARRT)

<www.arrt.org>*Certification/Registration*

Bone Densitometry RT (BD) (ARRT)

Breast Sonography RT (BS) (ARRT)

Cardiac Interventional Radiography RT(CI) (ARRT)

Cardiovascular-Inteventional Radiogaphy RT (CV) (ARRT)

Computed Tomography RT (CT) (ARRT)

Magnetic Resonance Imaging RT (MR) (ARRT)

Mammography RT (M) (ARRT)

Quality Management RT (QM) (ARRT)

Radiography RT (R) (ARRT)

Sonography RT (S) (ARRT)

Vascular Sonography RT (VS) (ARRT)

Vascular Interventional Radiography RT (VI) (ARRT)

Appendix B: Verification Authorities for Credentials Not Required for Assigning ESAR-VHP Level

Dentist: Specialty Verification Authorities

January 2010

Verification Authority

Certification/Registration

American Board of Public Health
Dentistry (ABPHD)
<www.aaphd.org>

Dental public health

American Board of Endodontics (ABE)
<www.aae.org>

Endodontics

American Board of Oral and Maxillofacial
Pathology (ABOP)
<www.abomp.org>

Oral and maxillofacial pathology

American Board of Oral and Maxillofacial
Radiology
<www.aaomr.org>

Oral and maxillofacial radiology

American Board of Oral and Maxillofacial
Surgery (ABOMS)
<www.aboms.org>

Oral and maxillofacial surgery

American Board of Orthodontics (ABO)
<www.americanboardortho.com>

Orthodontics and dentofacial orthopedics

American Board of Pediatric Dentistry
(ABPD)
<www.abpd.org>

Pediatric dentistry

American Board of Periodontology
<www.perio.org>

Periodontics

American Board of Prosthodontics (ABP)
<www.prosthodontics.org/abp>

Prosthodontics

Mental Health Counselor: Verification Authorities**January 2010***Verification Authority*National Board for Certified Counselors
(NBCC)<www.nbcc.org>*Certification/Registration*

Certified Clinical Mental Health Counselor (CCMHC)

Master Addictions Counselor (MAC)

National Certified Counselor (NCC)

National Certified School Counselor (NCSC)

Pharmacist: Verification Authorities**January 2010***Verification Authority*Board of Pharmaceutical Specialties
(BPS)<www.bpsweb.org>*Specialty Certification/Registration*

Board Certified Nuclear Pharmacist (BCNP)

Board Certified Nutrition Support Pharmacist (BCNSP)

Board Certified Oncology Pharmacist (BCOP)

Board Certified Pharmacotherapy Specialist (BCPS)

Board Certified Psychiatric Pharmacist (BCPP)

Psychologist: Verification Authorities

January 2010

Verification Authority

American Board of Professional
Psychology (ABPP)

<www.abpp.org>

Specialty Certification/Registration

Clinical Child and Adolescent Psychology

Clinical Health Psychology

Clinical Psychology

Clinical Neuropsychology

Cognitive and Behavioral Psychology

Counseling Psychology

Couple and Family Psychology

Forensic Psychology

Group Psychology

Organizational and Business Consulting Psychology

Psychoanalysis in Psychology

Rehabilitation Psychology

School Psychology

Registered Nurse: Verification Authorities (See APRN section in appendix A for advanced practitioner certifications.)

January 2010

Verification Authority

Specialty Certification/Registration

American Association of Critical-Care Nurses
(AACN) Certification Corporation
<www.certcorp.org>

Adult Critical Care Nurse (CCRN)
Neonatal Critical Care Nurse (CCRN)
Pediatric Critical Care Nurse (CCRN)

American Board of Neuroscience Nursing (ABNN)
<www.aann.org>

Certified Neuroscience Registered Nurse (CNRN)

American Board for Occupational Health Nurses
<www.abohn.org>

Certified Occupational Health Nurse (COHN)
Certified Occupational Health Nurse Specialist (COHN-S)
Certified Occupational Health Nurse Specialist/Case manager (COHN-S/CM)

American Board of Perianesthesia Nursing Certification (ABPANC, Inc.)
<www.cpancapa.org>

Certified Ambulatory Perianesthesia Nurse (CAPA)
Certified Post Anesthesia Nurse (CPAN)

American Nurses Credentialing Center
(ANCC)
<www.nursingworld.org/ancc>

Ambulatory Care Nurse (RN-BC)
Cardiac Rehabilitation Nurse (RN-BC)
Cardiac/vascular nurse (RN-BC)
Case Management Nurse (RN-BC)
College Health Nurse (RN-BC)
Community Health Nurse (RN-BC)
General Nursing Practice (RN-BC)
Gerontological nurse (RN-BC)
High Risk Perinatal Nurse (RN-BC)
Home Health Nurse (RN-BC)
Informatics Nurse (RN-BC)
Maternal Child Health Nurse (RN-BC)
Medical Surgical Nurse (RN-BC)
Nursing Executive (RN-BC)
Nursing Professional Development (RN-BC)
Pain Management (RN-BC)
Pediatric nurse (RN-BC)
Perinatal Nurse (RN-BC)
Psychiatric and Mental Health Nurse (RN-BC)
School Nurse (RN-BC)

Board of Certification for Emergency
Nursing
<www.ena.org/bcen>

Certified Emergency nurse (CEN)
Certified Flight nurse (CFRN)
Certified Pediatric Emergency Nurse (CPEN)
Certified Transport Registered Nurse (CTRN)

Certification Board of Infection Control
and Epidemiology, Inc.
<www.cbic.org>

Infection-Control Nurse (CIC)

Medical-Surgical Nursing Certification
Board
<www.nursingcenter.com/>

Certified Medical-Surgical Nurse (CMSRN)

National Board for Certification of
Hospice and Palliative Nurses
(NBCHPN)
<www.nbchpn.org>

Certified Hospice and Palliative Nurse (CHPN)
Advanced Certified Hospice and Palliative Nurse (ACHPN)

National Certification Board of Perioperative Nursing <www.medi-smart.com/cert-peri.htm>	Certified nurse, operating room (CNOR) Certified RN, first assistant (CRNFA)
National Certification Corporation (NCC) <www.nccwebsite.org>	Inpatient Obstetric Nursing (RNC-OB) Low Risk Neonatal Nursing (RNC-LRN) Maternal Newborn Nursing (RNC-MNN) Neonatal intensive-care nurse (RNC,NIC)
Nephrology Nursing Certification Commission (NNCC) <www.nncc-exam.org>	Certified nephrology nurse (CNN)
Oncology Nursing Certification Corporation (ONCC) <www.oncc.org>	Advanced Oncology Certified nurse (AOCN) Certified Breast Care Nurse (CBCN) Certified Pediatric Hematology/Oncology Nurse (CPHON) Certified Pediatric Oncology Nurse (CPON) Oncology Certified Nurse (OCN)
Orthopedic Nurses Certification Board <www.oncb.org>	Orthopedic Nurse (ONC)
Plastic Surgical Nursing Certification Board (PSNCB) <www.aspsn.org>	Certified Plastic Surgical Nurse (CPSN)
Rehabilitation Nursing Certification Board (RNCB) <www.rehabnurse.org>	Rehabilitation Nurse (CRRN)

Respiratory Therapist: Verification Authorities

January 2010

Verification Authority

National Board for Respiratory Care
(NBRC)

<www.nbrc.org>

Certification/Registration

Certified respiratory therapist (CRT)

Certified pulmonary function technologist (CPFT)

Registered respiratory therapist (RRT)

Registered pulmonary function technologist (RPFT)

Neonatal/pediatric respiratory care specialist (CRT-NPS or RRT-NPS)

Sleep Disorders Testing and Therapeutic Intervention Respiratory
Care Specialist (CRT-SDS or RRT-SDS)

Veterinarian: American Boards of Veterinary Specialists of the American Veterinary Medical Association

January 2010

Verification Authority

Specialty Certification/Registration

American Board of Veterinary Practitioners (ABVP)
<www.abvp.com>

Diplomate ABVP

American Board of Veterinary Toxicology (ABVT)
<www.abvt.org>

Diplomate ABVT

American College of Laboratory Animal Medicine (ACLAM)
<www.aclam.org>

Diplomate ACLAM

American College of Poultry Veterinarians (ACPV)
<www.acpv.info>

Diplomate ACPV

American College of Theriogenologists (ACT)
<www.theriogenology.org>

Diplomate ACT

American College of Veterinary Anesthesiologists (ACVA)
<www.acva.org>

Diplomate ACVA

American College of Veterinary Behaviorists (ACVB)
<www.dacvb.org>

Diplomate ACVB

American College of Veterinary Clinical Pharmacology (ACVCP)
<www.acvcp.org>

Diplomate ACVCP

American College of Veterinary Dermatology (ACVD)
<www.acvd.org>

Diplomate ACVD

American College of Veterinary Emergency and Critical Care (ACVECC)
<www.acvecc.org>

Diplomate ACVECC

American College of Veterinary Internal Medicine (ACVIM)
<www.acvim.org>

Diplomate ACVIM

American College of Veterinary Microbiologists (ACVM)
<www.acvm.us>

Diplomate ACVM

American College of Veterinary Nutrition (ACVN)
<www.acvn.org>

Diplomate ACVN

American College of Veterinary Ophthalmologists (ACVO) Diplomat ACVO
<www.acvo.org>

American College of Veterinary Pathologists (ACVP) Diplomat ACVP
<www.acvp.org>

American College of Veterinary Preventative Medicine (ACVPM) Diplomat ACVPM
<www.acvpm.org>

American College of Veterinary Radiology (ACVR) Diplomat ACVR
<www.acvr.org>

American College of Veterinary Surgeons (ACVS) Diplomat ACVS
<www.acvs.org>

American College of Zoological Medicine (ACZM) Diplomat ACZM
<www.aczm.org>

American Veterinary Dental College (AVDC) Diplomat AVDC
<www.AVDC.org>

Appendix C: The United States and U.S. Municipalities, Dependencies, and Former Dependencies

The following jurisdictions should be included in an ESAR-VHP system database.

STATES		MUNICIPALITIES
AL - Alabama	MO – Missouri	Chicago
AK - Alaska	MT - Montana	New York City
AZ - Arizona	NE - Nebraska	Los Angeles County
AR - Arkansas	NV - Nevada	
CA - California	NH - New Hampshire	
CO - Colorado	NJ - New Jersey	DEPENDENCIES AND FORMER DEPENDENCIES
CT - Connecticut	NM - New Mexico	AS - American Samoa
DE - Delaware	NY - New York	GU - Guam
DC - District of Columbia	NC - North Carolina	MH - Marshall Islands*
FL - Florida	ND - North Dakota	FM - Micronesia, Federated States of*
GA - Georgia	OH - Ohio	MP - Northern Mariana Islands
HI - Hawaii	OK - Oklahoma	PW - Palau*
ID - Idaho	OR - Oregon	PR - Puerto Rico
IL - Illinois	PA - Pennsylvania	VI - Virgin Islands
IN - Indiana	RI - Rhode Island	
IA - Iowa	SC - South Carolina	
KS - Kansas	SD - South Dakota	
KY - Kentucky	TN - Tennessee	
LA - Louisiana	TX - Texas	
ME - Maine	UT - Utah	
MD - Maryland	VT - Vermont	
MA - Massachusetts	VA - Virginia	
MI - Michigan	WA - Washington	
MN - Minnesota	WV - West Virginia	
MS - Mississippi	WI - Wisconsin	
	WY - Wyoming	

* The Republic of the Marshall Islands, the Federated States of Micronesia, and the Republic of Palau, formerly U.S. dependencies, are now independent States.

Appendix D: Selected Languages Used in the United States and U.S. Dependencies and Former Dependencies

The following languages must be included in an ESAR-VHP system database.

A, B	E, F, G	Latvian	Sorbian
Aboriginal languages of Australia	Egyptian	Lithuanian	Spanish
Afrikaans	English	Macedonian	Swahili
Albanian	Estonian	Malagasy	Swedish
American Sign Language	Farsi	Malayalam	Tagalog
Amharic	Finnish	Mandarin	Tamil
Arabic (Egyptian)	French	Manx	Telugu
Arabic (Levantine)	Georgian	Marathi	Thai
Arabic (Modern Standard)	German	Mongolian	U, V, W
Arabic (Moroccan)	Greek	Nahuatl	Tibetan
Aramaic	Gujarati	Navajo	Tok Pisin
Armenian	H, I, J, K	Norwegian	Turkish
Azerbaijani	Hausa	O, P, Q	Turkmen
Bahasa Indonesia	Hawaiian	Ojibwa	Ukrainian
Bahasa Melayu	Hebrew	Oriya	Urdu
Belarusian	Hindi	Oromo	Uyghur
Bengali	Hungarian	Papuan languages	Uzbek
Berber	Icelandic	Pashto	Vietnamese
Bosnian	Ilokano	Polish	Welsh
Breton	Inuit	Portuguese	X, Y, Z
Bulgarian	Irish Gaelic	Punjabi	Xhosa
Burmese	Italian	Quiche	Yiddish
C, D	Japanese	R, S, T	Yoruba
Cantonese	Javanese	Romanian	Yucatec Maya
Catalan	Kannada	Romany	Zapotec
Cebuano	Kazakh	Russian	
Cherokee	Khmer	Sanskrit	
Cornish	Korean	Scottish Gaelic	
Croatian	Kurdi	Serbian	
Czech	L, M, N	Slovak	
Danish	Lakota	Slovenian	
Dutch	Lao	Somali	

