

Clinical Case Registries (CCR)

Version 1.5



Release Notes

Documentation Revised January 2022

*For Patch ROR*1.5*39*

**Department of Veterans Affairs
Office of Enterprise Development
Health Data Systems – Registries**

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Revision History

Date	Description	Author / Role
January, 2022	Final release for Patch ROR*1.5*39. See Table 1 for details.	See CCR Redacted document for the list of authors and roles.
June, 2021	Final release for Patch ROR*1.5*38. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
November, 2020	Final release for Patch ROR*1.5*37. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
May, 2020	Final release for Patch ROR*1.5*36. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
November, 2019	Final release for Patch ROR*1.5*35. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
March, 2019	Final release for Patch ROR*1.5*34. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
July, 2018	Final release for Patch ROR*1.5*33. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
April, 2018	Final release for Patch ROR*1.5*32. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
November, 2017	Final release for Patch ROR*1.5*31. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
May, 2017	Final release for Patch ROR*1.5*30. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
December, 2016	Final release for Patch ROR*1.5*29. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
May, 2016	Final release for Patch ROR*1.5*28. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
November, 2015	Final release for Patch ROR*1.5*26. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
September, 2015	Final release for Patch ROR*1.5*25. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
April, 2015	Final release for Patch ROR*1.5*27. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
October, 2014	Final release for Patch ROR*1.5*24. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
August, 2014	Final release for Patch ROR*1.5*22. See <i>User</i>	See CCR Redacted document for

Date	Description	Author / Role
	<i>Manual</i> for details.	the list of authors and roles.
April, 2014	Final release for Patch ROR*1.5*21. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
March, 2013	Final release for Patch ROR*1.5*20. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
August, 2014	Final release for Patch ROR*1.5*19. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
August, 2012	Final release for Patch ROR*1.5*18. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
April, 2012	Final release for Patch ROR*1.5*17. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
September, 2011	Final release for Patch ROR*1.5*15. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
March, 2011	Patch ROR*1.5*14. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
September, 2010	Final release for Patch ROR*1.5*13. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
April, 2010	Final release for Patch ROR*1.5*10: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
July, 2009	Patch ROR*1.5*8: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
July, 2008	Patch ROR*1.5*7: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
May, 2008	Patch ROR*1.5*6: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
March, 2008	Patch ROR*1.5*5: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
December, 2007	Patch ROR*1.5*4: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
November, 2007	Patch ROR*1.5*3: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
October, 2007	Patch ROR*1.5*2: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
October 2006	Patch ROR*1.5*1: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
February 2006	Completely updated for CCR Version 1.5	See CCR Redacted document for the list of authors and roles.
June 2002	Initial release of CCR Version 1.0	See CCR Redacted document for the list of authors and roles.

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1.0 Introduction

The Clinical Case Registries (CCR) software application collects data on the population of veterans with certain clinical conditions, namely Hepatitis C and Human Immunodeficiency Virus (HIV) infections at the local and national level as well as 51 local, generic registries.

Data from the registries is used for both clinical and administrative reporting on both a local and national level. Each facility can produce local reports (information related to patients seen in their system). Reports from the national database are used to monitor clinical and administrative trends, including issues related to patient safety, quality of care, and disease evolution across the national population of patients.

The software uses pre-defined selection rules that identify patients with possible Hepatitis C and/or HIV (such as a disease related *International Statistical Classification of Diseases and Related Health Problems*, ninth edition—commonly abbreviated as “ICD-9” or *International Statistical Classification of Diseases and Related Health Problems*, tenth edition—commonly abbreviated as “ICD-10”—code or a positive result on an antibody test).

Each night a background process transmits a set of predefined data via [Health Level 7 \(HL7\)](#) message to the national CCR database at the [Corporate Data Center Operations](#) (CDCO). Data from both the Hepatitis C and HIV registries, and the local registries, are aggregated in the same message. If there is more new data than is allowed by the registry parameter for a single CCR HL7 batch message (the current limit is 5 megabytes), the software will send several messages during a single night. The CCR software creates a limited set of database elements to be stored locally in the [Veterans Health Information Systems and Technology Architecture \(VistA\)](#) system, and focuses on assuring that the local listing is complete and accurate, that the desired data elements are extracted, and that data elements are appropriately transmitted to the national database.

The registries at each facility will store selected HIV and Hepatitis C data from 1985 to the present.

CCR provides these key features:

- Automates the development of a local list of patients with evidence of HIV or Hepatitis C infection.
- Automatically transmits patient data from the local registry lists to a national database.
- Provides robust reporting capabilities.

CCR also provides the following functions:

- Facilitates the tracking of patient outcomes relating to treatment.
- Identifies and tracks important trends in treatment response, adverse events, and time on therapy.
- Monitors quality of care using both process and patient outcome measures.

1.1 Purpose

These Release Notes cover the new features provided to Clinical Case Registries (CCR) users in patch ROR*1.5*39.

1.2 Audience

This document targets users and administrators of the Clinical Case Registries (CCR) product and applies primarily to the changes made between this newest release and previous release packages of the software.

2.0 What's New with ROR*1.5*39

Patch ROR*1.5*39 includes enhancement modifications to version 1.5 of the Clinical Case Registries (CCR) application that correct inherent shortcomings in the existing software and enhance other existing capabilities. ROR*1.5*39 contains the following enhancements (E), modifications (M) and fixes (F):

Table 1 – Changes for Patch 39

#	Description	Type
1	The display of Social Security Numbers (SSNs) and the last 4 of the SSN has been removed from all screens and report output (see NOTE below). NOTE: In May 2007, Office of Management and Budget (OMB) issued memorandum M-07-16, Safeguarding Against and Responding to the Breach of Personally Identifiable Information, requiring agencies to review their use of Social Security Numbers (SSNs) and to explore alternatives to using SSNs as personal identifiers for Federal employees and in Federal programs.	M
2	The version of the CCR software is updated to 1.5.39	E

Table 2 – Global Updates for Patch ROR*1.5*39

File Name and Number	Update
DIALOG (#.84)	<i>Entries modified:</i> 7981010.002 Registry Lab Tests by Range (CSV) 7981011.001 Patient Medication History (HTML) 7981011.002 Patient Medication History (CSV) 7981012.001 Combined Meds and Labs Report (HTML) 7981012.002 Combined Meds and Labs Report (CSV) 7981013.002 Diagnoses (CSV) 7981014.002 Registry Medications Report (CSV) 7981015.001 Procedures (HTML) 7981015.002 Procedures (CSV) 7981018.002 BMI Report by Range (CSV) 7981019.002 Liver Report by Range (CSV)

File Name and Number	Update
	7981021.002 Potential DAA Candidates (CSV) 7981022.001 DAA Lab Monitoring (HTML) 7981022.002 DAA Lab Monitoring (CSV) 7981023.002 Sustained Virologic Response (CSV) 7981024.002 Hepatitis A Report (CSV) 7981025.002 Hepatitis B Report (CSV) 7981997.001 Patient data templates (HTML) 7981997.002 Patient data templates (CSV) 7981999.001 Common XSL templates (HTML) 7981999.002 Common XSL templates (CSV)

3.0 Obtaining Software and Documentation

The CCR 1.5 software distributives and documentation files are available for downloading from the following locations.

Table 3 – Software and Documentation Sources

Name	Address	Directory
VistA downloads	See CCR Redacted document	SOFTWARE

Table 4 – Files Included in Distribution

File Name	Contents	Retrieval Format
ROR1_5P39GUI.ZIP	Zipped GUI distributive	BINARY
ROR1_5P39DOC1.ZIP	Zipped DOC distributive, which includes both .PDF and .DOCX formats: <ul style="list-style-type: none"> ▶ User Manual (ROR1_5_39UM) 	BINARY
ROR1_5P39DOC2.ZIP	<ul style="list-style-type: none"> ▶ Installation and Implementation Guide (ROR1_5_39IG) ▶ Technical Manual / Security Guide (ROR1_5_39TM) ▶ Release Notes (ROR1_5_39RN) 	BINARY

Patch ROR*1.5*39 is available in the National Patch Module on FORUM¹ as a PackMan message.

4.0 VistA Documentation on the Intranet

Documentation for this product, including all of the software manuals, is available in the VistA Document Library (VDL). The Clinical Case Registries documentation may be found at <http://www.va.gov/vdl/application.asp?appid=126>.

For additional information about the CCR, access the CCR Home Page at the following address: **See CCR Redacted document.**

5.0 Specific Instructions

(See the *CCR Installation and Implementation Guide* for installation instructions.)

6.0 Matching GUI Version to Patch

WARNING If the **GUI** and **VistA** software versions do not match, users may encounter problems with the application. For example, if the site has installed Patch ROR*1.5*39, users' **GUI** installations should also be at Patch level 39. Users can determine the **GUI** version by using the Help | About CCR menu option.

¹ FORUM is the VA's national-scale email system. FORUM uses the VistA mail software and provides an excellent interface for threaded messages that can take the form on ongoing discussions. The national patch module is a VistA application that helps developers to manage the numbering, inventory, and release of patches. Patches are developed in response to request submissions and an error reporting request system known as National Online Information Sharing. A process called the Kernel Installation Distribution System (KIDS) is used to roll up patches into text messages that can be sent to sites along with installation instructions. The patch builds are sent as text messages via email, and the recipient (*e.g.*, a site administrator) can run a PackMan function to unpack the KIDS build and install the selected routines.

See CCR Redacted document.

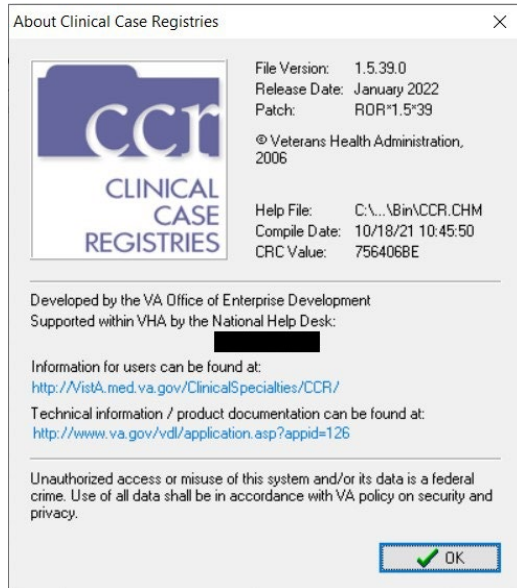


Figure 1 – Help | About Pane

This menu option displays the **About Clinical Case Registries** screen. It shows basic information about the current file version including the release date, patch number, similar to the screen shown here where the Clinical Case Registries software was developed and the software compile date. Click **[OK]** or press the **< Esc >** key to close the pane.

Since CCR*1.5*10, this window meets current VA GUI Standards and Conventions requirements.

Users may download the latest GUI software as outlined in [3.0](#) above.

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