Resource Center Cyberseminar

What can the HSR&D Resource Centers do for you?
The Four HSR&D Resource Centers

- **CIDER** — the operational arm of HSR&D (Boston, MA)
- **HERC** — assists VA researchers in conducting high-quality health economics research (Menlo Park, CA)
- **VIReC** — helps improve the quality of VA research that utilizes databases and information systems (Hines, IL)
- **VINCI** — improves researchers’ access to VA data and facilitates analyses of those data (Salt Lake City, UT)
CIDER STAFF

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Karen Bossi, Special Projects & Publications Coordinator
Diane Hanks, Senior Writer and QUERI Dissemination Coordinator
Maria Hecht, Writer/Editor – Web & Publications
Molly Kessner, Cyber Seminar Content Coordinator
Heidi Schlueter, Cyber Seminar Technical Coordinator
The CIDER Mission

To improve the health and care of Veterans by disseminating important HSR&D findings and information to policymakers, managers, clinicians, and researchers throughout VA and the larger health care community -- and to serve the operational needs of HSR&D.
How We Do It.

- Briefs
- Publications
- Conferences
- Cyber Seminars
- Journals
- Web
- Impact Videos
- Social Media
Publication Requirements: Notification & Attribution

The Health Services Research and Development Service (HSR&D) has established the following requirements regarding notification of pending publications and presentations:

- Notification Process
- Attribution
- Disclaimer

Notification Process

Please let us know as soon as you have an article accepted for publication. This applies to all publications based on an HSR&D-funded, or HSR&D-managed project, or authored/coauthored by an HSR&D-supported investigator, regardless of funding source. Early notification allows us to prepare briefing materials for VA leadership and plan for other dissemination. See section 7 of VHA Handbook 1204.5 (67 KB, PDF) and VHA Handbook 1200.19 (61 KB, PDF) for more details.

Submit your notifications by following the simple steps below:

- Go to the ORD PubTracker Website by copying and pasting the following URL into browser: http://www.pubtracker.research.va.gov (Access restricted to VA Intranet)
- Click the submission type – pre-publication, presentation, media, or other – and fill in the form (Be sure to upload a copy of the presentation abstract or complete accepted article)
HSR&D CDA Resource Toolkit

The CDA Toolkit is created by CIDER and the CDA Enhancement Initiatives team to help members of the CDA community be more involved and effective in their respective roles. This virtual resource center provides helpful information on fostering great mentorships and enriching the CDA experience. In order to build collegiality, the CDA Toolkit will also serve as a place for HSR&D CDA program updates and special announcements.

TOOLS FOR MENTORS

Resources for mentors to nurture a successful mentorship and effectively communicate with their mentees.

TOOLS FOR MENTEES

Strategies and resources for CDA Awardees to succeed as mentees and health science services researchers.

RESOURCES

Online resources on various topics such as career development, mentoring training, work/life balance, conducting research, and more.

CYBERSEMINARS

Links to online sessions designed to further strengthen the community of scholarship among HSR&D Career Development Awardees, aspiring CDAs, alumni, and mentors.

MENTOR SPOTLIGHT

William Mann, Ph.D, O.T.R

Dr. William Mann is the Director of the Center of Innovation on Disability and Rehabilitation Research, a Distinguished Professor and Chair of Occupational Therapy and the Director of the Florida Institute on Disability and Rehabilitation at the University of Florida. His current work addresses the needs of Veterans with disabilities, addressing the needs of Veterans with dementia and their caregivers, and tools for driver assessment and rehabilitation. Read more

TOOLS FOR PROSPECTIVE CDAS

IMPORTANT: Please note that these are 2008 applications. Format and instruction may have changed. Please refer back to the HSR&D website for the most current application.

- CDA Sample Application 1 (Narrative Only)
- CDA Sample Application 2 (Narrative Only)

SHARE YOUR IDEAS

Send in suggestions or resources to share with the CDA community.

NEWS CORNER

Virtual Networking Event:
Topic: The Future of the VA
Date/Time: Tuesday, October 27 at 10 am PT/1 pm ET
Call Ir: 1-800-767-1752 Access code: 32441
If you have questions, please contact Barbara.Elaspa@va.gov or Leah.Zullo@va.gov

AHPNA Informal Networking Event:
Date: October 31, 2009
Location: Hyatt Regency, Chicago
Contact Info: Barbara E. Elspa @ (650) 799-0994
QUERI was launched in 1998 as part of a system-wide transformation aimed at improving the quality of healthcare for Veterans. Our mission is to improve care using research evidence to improve clinical practice. Read More »

ANNOUNCEMENTS

HSR&D and QUERI to Host AcademyHealth Delivery System Science Fellowship (10/8/15)
QUERI – Quality Enhancement Research Initiative

National Network of QUERI Programs

- Seattle, WA: Virtual Specialty Care, Safety and Quality
- San Francisco, CA: Measurement Science
- Los Angeles, CA: Patient-Centered Care, Women’s Health
- Denver, CO: Triple Aim
- Ann Arbor, MI: Implementing Goals of Care Conversations with Veterans in VA Long-Term Care Settings
- Ann Arbor, MI: PeRsonalizing Options through Veteran Engagement (PrOVE)
- Bedford, MA: Bridging the Care Continuum QUERI for Vulnerable Populations
- Little Rock, AR: QUERI for Team-Based Behavioral Health
- Los Angeles, CA: Enhancing Mental and Physical Health of Women through Engagement and Retention (EMPOWER)
FORUM

• HSR&D and AcademyHealth collaboration
• Targets VHA managers, researchers and non-VA audience
• 10,200 total distribution
  ▪ 6100 in VA (via email)
  ▪ 4100 through AcademyHealth (via print)
• Editorial Board plans issues
HSRDWeb.Boston@va.gov
HERC Overview

• The mission of HERC is to increase the quality of VA health economics research so that the nation and the nation’s Veterans may get the best possible health care value from available resources.

• HERC was created in 1999 and we’re located in Menlo Park, California
HERC Product Lines

• Datasets
  – Average cost data
  – MCA discharge with subtotals
  – Wage index
  – Nosos risk adjustment (in collaboration with OPES)

• Data documentation and support

• Customer service
  – Help desk
  – Cybercourses: CEA, econometrics
  – Monthly health econ Cyber Seminars
Funding & Staff

• Each year, HERC receives $500,000 in HSR&D Resource Center funds for our product lines.

• 25 Full Time staff
  – 8 Health economists
  – 9 Programmers
  – 7 project managers
  – 1 administrative officer

The remaining funds come through grants (QUERI, HSR&D, CSP).

http://www.herc.research.va.gov/include/page.asp?id=staff
Do you need help?

• Help consultations: HERC@va.gov (or contact specific HERC individuals)

• As a co-investigator
  – We are social scientists who look at behaviors through an economic lens
  – There are more requests than we can handle
  – Early engagement is key
  – List of other economists
    http://www.herc.research.va.gov/include/page.asp?id=extended-economist-help
Highlights

• New health economist: Josephine (Jo) Jacobs

• ACA and Choice Act
  – Jean Yoon
  – Megan Vanneman

• Risha Gidwani’s pending IIR on value of end of life care
VA Information Resource Center

Maria Souden
Associate Director for Communications
Mission

Advance VA capacity to use data effectively for research and quality improvement.

Foster communication between research data users and the VA healthcare community.

Data Knowledge & Methods

Dissemination & Communication

Improving Data Use Environment
Public-facing VIRec overview
Publications & events
Cyberseminars

www.virec.research.va.gov

VA network only
Data news
Resources for working with data

Combined resource (with NDS and VINCI)
Data source & access information

http://vaww.vhadataportal.med.va.gov
Data News

ICD-10 Transition: VA will implement the ICD-10 code set October 1, 2015. Datasets commonly used by researchers will be affected. More info...


NPCD Retirement Data Extended: NDS had extended the retirement date to October 1, 2016. More info...
Data News

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More info...


More info...

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More info...

New from VIREC

Open Positions at VIREC
VIREC is recruiting for two positions in our Data Knowledge area
- Associate Director for Research
- Social Science Analyst

More info...

ICD-10 Information for Researchers
Learn how the ICD-10 transition affects select datasets commonly used by the research community.

More info...

Race & Ethnicity Data
Learn about data sources containing race and ethnicity data elements.

More info...

VIREC Resources

Working with VA Data: Guide to VA data sources, topics, and tools.

VA/CMS Data for Research Project: Data custodian for CMS and USRDS data for VA research.

Factbooks: Describe tables, columns, and values in select CDW Domains.

Research User Guides: Detailed information on select data sources, including variable descriptions.

The Researcher's Notebook: Practical information on using data from tables in the CDW.
VA INFORMATION RESOURCE CENTER (VIREC)

Data Issues Brief, September 2015

Upcoming Cyberseminars
Real SSN Data Request Process
VA REDCap Project
Data Tip of the Month

Oct 14: What Can the HSR&D Resource Centers Do For You? Learn more...

Data News

ICD-10 Transition: VA will implement the ICD-10 code set October 1, 2015. Datasets commonly used by researchers will be affected. More info...

New CMS Data for Researchers:
2013 Medicare, 2011-2012 MCBS, and 2007-2012 HEDIS data. More info...

NPCD Retirement Data Extended: NDS had extended the retirement date to October 1, 2016. More info...

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VIReC Resources

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Data custodian for CMS and USRDS data for VA research.

Factbooks: Describe tables, columns, and values in select CDW Domains.

Research User Guides: Detailed information on select data sources, including variable descriptions.

The Researcher’s Notebook: Practical information on using data from VA sources in the field.
Guides

- Research User Guides (RUGs)
- Factbooks
- Resource Guides
- Crosswalks
2.1 Background

VA healthcare facility staff members across the United States and Puerto Rico enter patient care information into Veterans Health Information Systems and Technology Architecture (VistA), the main information collection and data management system in the Veterans Health Administration (VHA). A select set of data collected during patient health care occasions are entered in local health care facilities VistA systems and then electronically transferred from each local VistA system upon discharge of a patient or upon collection of quarterly census data only to a centralized Patient Treatment Module (PTM) maintained in the Active Information Technology SAR Dataset.

3.1 List of Variables & their Dataset Locations

This section lists variables and their dataset locations for the fiscal year (FY) 2014 VHA Medical SAS Inpatient Acute Care Main, Bed Section, Procedure and Surgery Datasets. An X in the frequency column indicates VIReC provides additional summary information for this variable in VIReC Select Variable Frequencies: Medical SAS Datasets, FY2006–2014 [16].

Table 5 provides a short definition of each variable and reports their presence in the FY2014 Inpatient Acute Care Datasets.

<table>
<thead>
<tr>
<th>SAS Name</th>
<th>Definition</th>
<th>Main</th>
<th>Bed Section</th>
<th>Surgery</th>
<th>Procedure</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABO</td>
<td>Number of days a patient was out of the hospital on pass during an inpatient stay</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADMITDAY</td>
<td>Date of admission of the inpatient stay</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>AG15Y</td>
<td>Definition: Number of days a patient was out of the hospital on pass during an inpatient stay</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGHR</td>
<td>Remarks: Section 10.08 of this manual indicates that an authorized absence for hospital patients may not exceed 96 hours. The 96-hour limit applies to the variables PASS and PASSB. This section suggests that ABO is reserved for absences greater than 96 hours.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Variable Name:** ABO

**Definition:**

Number of days a patient was out of the hospital on pass during an inpatient stay.

**Remarks:**

This variable is used in the calculation of the LS (number of bed days for the entire episode of care) variable. Chapter 10, “Absences,” of the VHA Manual of Policies (M-1), Operations: Part 1, Medical Administration Activities [17] provides guidelines for granting of authorized absences.

**Data Type:** Numeric

**Print Format:** None

**Label:** ABSENT BED OCCUPANT DAYS

**Variable Availability in Medical SAS Datasets: Fiscal Years (FY):**

Acute Main: FY1970 – to date

**VistA Data Source:** PTF (45) file, ASIH field
Part 3. Clinical Context

Part 3 lists a series of definitions for terms associated with enrollment in Veterans Health Administration (VHA), level of service-connected disability, and eligibility for care and benefits. According to VHA Corporate Database Monograph [10], the Health Eligibility Center (HEC) is responsible for determining the eligibility of Veterans for VHA medical care. The HEC is the authoritative source for Veteran eligibility and subsequent enrollment priority. To be enrolled, a Veteran must meet basic eligibility criteria, so HEC gathers all the information needed to make eligibility decisions then records and processes the information. This process involves:

- validating social security numbers from the Social Security Administration
- verifying incomes from the Internal Revenue Service and Social Security Administration

Part 4. Table and Column Descriptions

Part 4 describes each table in the Patient Enrollment Domain and selected columns within each table. It is organized by table. The name of the table is presented in large font with a description of its general content immediately following. After each table description, selected columns within that table are described. Table 1 summarizes the various parts of the column descriptions.

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>A description of the meaning of the column.</td>
</tr>
<tr>
<td>Notes</td>
<td>Values of selected columns are examined for potential irregularities or ambiguities of meaning.</td>
</tr>
</tbody>
</table>

Part 6. Example SQL Code for Basic Research Questions

This section contains a series of simple research questions that are answered using data from the Domain by applying basic SQL queries. Due to the extraordinary size of the Patient Enrollment table, it is essential to limit the scope of your queries in order to avoid overtaxing the server. The two research questions include:

1. What is the distribution of service-connected percentages for my cohort?
2. What annual VA compensation is being paid to patients assigned to various priority groups?

Question 1. What is the distribution of service-connected percentages for my cohort?

The first section of the SQL query mimics the creation of a cohort in the simplest way, by selecting the first million records in the Patient Patient table that have potentially valid identification numbers (non-null patient identifiers greater than one) who have an enrollment date that is not null.

The second section of the SQL query counts the unique number of patients (using COUNT and DISTINCT in the SELECT statement) associated with each value found in the column/variable called ServiceConnectedPercentage (by selecting the column and then grouping by it).

```sql
-- simple cohort example
SELECT TOP 1000000 A.PatientSID, B.EnrollmentDate, B.ServiceConnectedPercentage
INTO #ExampleCohort
FROM CDWWork.Patient.Patient AS A
INNER JOIN CDWWork.Patient.Enrollment AS B ON A.PatientSID = B.PatientSID
```
Summary Information

- Domain Layout
- Sample Records
- Frequencies & Counts
- Historical Info
- Proc/Data Contents
### VHA Managerial Cost Accounting (MCA) Historical Stop Codes

**About This Workbook:**
This workbook contains restrictions on stop codes and other details.

**Inpatient: Acute Care Surgery (PS)**

<table>
<thead>
<tr>
<th>Variable</th>
<th>Variable Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAN</td>
<td></td>
</tr>
<tr>
<td>SURGDAY</td>
<td></td>
</tr>
<tr>
<td>SURGNAS</td>
<td></td>
</tr>
<tr>
<td>SURGTIM</td>
<td></td>
</tr>
<tr>
<td>SURGSP</td>
<td></td>
</tr>
</tbody>
</table>

**Record Counts & Missing Values: ADUSH Enrollment, FY 1999-2014**

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<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
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<td>1,009,043</td>
<td>3.7</td>
<td>501,307</td>
<td>2.6</td>
<td>1,063,944</td>
<td>2.7</td>
<td>850,087</td>
<td>2.2</td>
</tr>
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<td>1,063,944</td>
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<td>850,087</td>
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<td>501,307</td>
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<td>850,087</td>
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<tr>
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<td>5.6</td>
<td>2,229,432</td>
<td>6.5</td>
<td>2,636,404</td>
<td>6.4</td>
</tr>
<tr>
<td>EFY99</td>
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<td>18.6</td>
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<td>2,636,404</td>
<td>6.4</td>
</tr>
<tr>
<td>ELUG</td>
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<td>1,036,024</td>
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<tr>
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<td>1,545,144</td>
<td>20.5</td>
<td>1,578,817</td>
<td>14.6</td>
<td>16,507,253</td>
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<tr>
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<td>24.4</td>
<td>5,519,003</td>
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<td>2.7</td>
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<td>1,018,216</td>
<td>4.0</td>
<td>558,422</td>
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<td>2.7</td>
</tr>
<tr>
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<td>26,544,261</td>
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<td>33,766,945</td>
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<tr>
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<td>99.9</td>
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<tr>
<td>ETHNIFLG</td>
<td>5,975,781</td>
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<td>26,544,261</td>
<td>98.6</td>
<td>33,766,945</td>
<td>98.6</td>
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<tr>
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<td>3.7</td>
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<td>EXTRN0</td>
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<td>18.6</td>
<td>1,508,334</td>
<td>5.6</td>
<td>2,229,432</td>
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<td>2,636,404</td>
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<td>1,508,334</td>
<td>5.6</td>
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<td>6.5</td>
<td>2,636,404</td>
<td>6.4</td>
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<td>YFY03</td>
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<td>2,229,432</td>
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<tr>
<td>YFY04</td>
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<td>6.5</td>
<td>2,636,404</td>
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<tr>
<td>YFY05</td>
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<td>6.5</td>
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<td>6.4</td>
</tr>
</tbody>
</table>
Technical Documentation

- Tutorials
- Data Investigations
- Technical Reports
- Briefs
- Publications
How do I identify the bed sections for my study cohort?

Introduction
This Researcher’s Notebook is intended to provide logical steps for identifying the Corporate Data Warehouse (CDW). The bed section is commonly referred to as the type of inpatient service provided and helps categorize the type of care provided by one specialty to another during the inpatient stay. This notebook focuses on various bed sections that a patient experienced during an inpatient stay.

Step 1 | Become Familiar with the Terminology and Data

These are some terms that are used in this notebook:
- Specialty – type of inpatient service, or bed section (e.g., Medicine, Surgery)
- Bed Section – type of inpatient service, or specialty (e.g., Medicine, Surgery)
- Treating Specialty – subsection of the specialty (e.g., Cardiology, Surgical ICU)
- PTF Code – “Specialty Code” (e.g., 72 = “ALCOHOL DEPENDENCE TRMT UNKN"
- Inpatient stay – complete stay from admission to discharge (made up of 1 or more bed sections)
- Bed section stay – duration in a particular specialty or bed section
- LOS in Service – length of stay in a specialty or bed section
- VistA 501 Movement – specialty transfer/bed section movements
- VistA 535 Movement – physical transfer/ward transfer movements (e.g., “1 North”)

Step 2 | Understand the Logic of the CDW Inpatient (Inpat) Tables

It is first necessary to understand how and when the information about bed section is entered into the various tables found in the inpatient domain. This understanding of the data has been inductively reasoned via the presence of a LosingSpecialtySID in Inpat.Inpatient and Inpat.SpecialtyTransfer.

- Inpatient data is not populated in the Inpat.Inpatient and Inpat.SpecialtyTransfer until the patient is discharged from the hospital (inpatient stay ends). Upon discharge from the last bed section (and thus the hospital) the data will be populated in these CDW tables.

Step 3 | Identify the Tables/Views and Columns Needed

- SPatient.SPatient is used to identify individual patients and eliminate known and probable test patients; the columns used in this process include PatientSSN, PatientSID and CDWPossibleTestPatientFlag.
- Dim.Specialty is needed to identify the specialty's code and description; the following columns Specialty and PTFCode will be used.

Step 5 | Write SQL Queries

Step 5 provides basic code to identify bed section records of interest.

5.1 Select bed section stays from Inpat.Inpatient (last or only bed section of discharged patients only)

The following SQL query selects bed section stays of interest (in this example bed section codes 72, 73, and 74) from the Inpat.Inpatient. This is done by selecting the appropriate columns from the Inpat.Inpatient:

```sql
-- Inpat.SpecialtyTransfer Records
SELECT
    st.InpatientID,
    st.patientID,
    st.admitDateTime, -- same as below if bed section stay is also the first bed section stay
    inpatient.changeSpecialty_TRANSFER_DateIn_DATEADD(DAY, st.LOSinService - 1, st.SpecialtyTransferDateTimeIn - st.SpecialtyTransferDateTimeOut,
    st.SpecialtyTransferDateTimeIn - st.SpecialtyTransferDateTimeOut,
    st.SpecialtyTransferDateTimeOut, sp.Specialty, sp.PTFCode, st.LOSinService, INPATCensus = 1 -- flag source
INTO [personal schema].V以防SSInpatientSID
FROM Inpat.SpecialtyTransfer st
INNER JOIN Dim.Specialty sp
ON (st.LosingSpecialtySID = sp.SpecialtySID) -- The name of FK and FK differ !!!
WHERE ((sp.PTFCode in ('72', '73', '74')) AND st.LosingSpecialtySID is not null AND st.LOSinService is not null) -- Ignore rows w/ Treating Specialty change but no Specialty changes */
```
Cyberseminar Series

- Database & Methods
- Corporate Data Warehouse
- Good Data Practices
- Partnered Research
- Clinical Informatics
**Data News**

**ICD-10 Transition:** VA will implement the ICD-10 code set October 1, 2015. Datasets commonly used by researchers will be affected.  
[More info...](#)

**New CMS Data for Researchers:**  
[More info...](#)

**NPCD Retirement Data Extended:**  
NDS had extended the retirement date to October 1, 2016.  
[More info...](#)

**New from VIREC**

**Open Positions at VIREC**  
VIREC is recruiting for two positions in our Data Knowledge area  
- Associate Director for Research  
- Social Science Analyst

**ICD-10 Information for Researchers**  
Learn how the ICD-10 transition affects select datasets commonly used by the research community.

**Race & Ethnicity Data**  
Learn about data sources containing race and ethnicity data elements.
For New Researchers

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New CMS Data for Researchers:

NPCD Retirement Data Extended:
NDS had extended the retirement date to October 1, 2016.

CDW Domain Updates:
Microbiology Domain now includes all etiologies involved in pathogenic microbiology. Outpatient 2.1 Domain has been released.

New from VIReC

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VIReC is recruiting for two positions in our Data Knowledge area.
- Associate Director for Research
- Social Science Analyst

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Race & Ethnicity Data
Learn about data sources containing race and ethnicity data elements.

ED & Urgent Care Encounters Data
Learn about data sources containing ED and urgent care encounters data.

CDW Factbooks
Learn about tables, columns, and values in select CDW Domains.

VIReC Resources

Working with VA Data: Guide to VA data sources, topics, and tools

VA/CMS Data for Research Project:
Data custodian for CMS and USRDS data for VA research.

Factbooks:
Describe tables, columns, and values in select CDW Domains.

Research User Guides:
Detailed information on select data sources, including variable descriptions.

The Researcher’s Notebook:
Practical information on using data from researchers in the field.

Data Reports:
Technical reports, data investigations, and data quality updates.

Summary Information:
Current and historical data reports.
Special Projects

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VA Information Resource Center (VIREC)

Data Issues Brief, September 2015
Upcoming Cyberseminars
Real SSN Data Request Process
VA REDCap Project
Data Tip of the Month
### Acknowledgements

Denise M. Hynes, MPH, PhD, RN, Director  
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Introduction to VINCI and VINCI Services

Jeffrey Scehnet, PhD

Oct 14, 2015
The VA Informatics and Computing Infrastructure (VINCI) Resource Center’s mission is to improve the compliance, efficiency, and quality of VHA research with services and innovations supporting acquisition and analysis of healthcare data. This mission is reflected in the Resource Center’s three high-level goals:
• Goal 1. Improve the quality and efficiency of research and satisfaction of researchers through improved access to and understanding of better healthcare data, analytical technologies, and informatics tools.

• Goal 2. Uphold privacy of research subjects, security of data, and statutes governing research data while improving appropriate access to data.

• Goal 3. Reduce risk and cost while increasing quality and speed of acquiring and maintaining research technologies.
VINCI’s mission is accomplished through four major focus areas: Services, Computing Infrastructure, Data, and Tools. In addition to these focus areas, VINCI embarks on special projects where dedicated teams work towards common goals that span the focus areas. VINCI’s current special projects include OMOP/OHDSI and Natural Language Processing.
Scott DuVall, PhD  
Jeffrey Scehnet, PhD  
Kevin Malohi  
& the rest of our highly skilled staff

VINCI@va.gov

- Compliance  
- Concierge  
- Data Provisioning  
- Preparatory to Research  
- Clinical Trial Recruitment  
- Annotation / Chart Review  
- Natural Language Processing  
- Analytics and Data Services  
- Application Development
VINCI Infrastructure

Analysis Tools

Data
VINCI provides, STATA, R, SAS, SPSS, MatLab, NLP, and other software for FREE.
VINCI Workspace
FY15 to date

- 5,253 Users
- 1,989 Projects
- 130 Development VMs
- 1,610 Education & Help Desk Tickets
VINCI has data on more than 22 million patients receiving care at over 1,400 medical centers, outpatient clinics, nursing homes, and domiciliaries. Most data originates from the extensively used Veterans Health Information Systems and Technology Architecture (VistA), the VA electronic medical record system collected through the Corporate Data Warehouse (CDW).
Data modeled in OMOP

- Procedures
- Diagnoses
- Medications
- Notes / Reports
- Visits
- Labs

Patient
Data available for use in VINCI

**Corporate Data Warehouse (CDW)**
CDW Production Domains
CDW Raw Domains
MCA (formerly DSS) NDE
MedSAS Files including VetsNet Files
TIU Text Notes
Vital Status Files (includes BIRLS)

**Other Data**
CAPRI/VistAWeb
Care Assessment Need (CAN) Score (Requires Scrambled SSN Level Access)
Health Economics Resource Center (HERC) Average Cost Data
Health Economics Resource Center (HERC) V21 and Nosos Risk Scores Data
Homeless Registry
Legacy Data Warehouses (i.e. VISN 21)
MCA (formerly DSS) Web Reports
OEF/OIF Roster File
Patient Aligned Care Team (PACT) Implementation Index (Pi2)
Surgery Quality Data Users Group (SQDUG)
VSSC Web Reports

More coming soon...
Data Tools - VHA Data Portal

http://vaww.vhadataportal.med.va.gov

Welcome to the VHA Data Portal!

The one-stop-shop for data users' needs.

The VHA Data Portal is a collaborative effort among the following program offices to provide a central gateway to information about VHA data:

- VHA National Data Systems (NDS)
- VA Information Resource Center (VIReC)
- VA Informatics and Computing Infrastructure (VINCI)
- VHA Data Quality Program

Our mission is to promote a knowledge-sharing culture that supports the needs of VHA data users. The portal integrates information from multiple sources into a common format and single location to promote a comprehensive knowledge base and to facilitate a positive end-user experience.

News

Change in Real SSN Research Data Request Process
ORD has instituted a change in the approval process for researchers' requests for data with real SSNs. New and pending DART requests will be required to submit the Real SSN Access Request form. Visit the Real SSN Data Request Process page on VIReC's website for information on the new procedures and how they might affect the research effort.

Upcoming Events

VIReC Cyberseminars
Nov 3: Requesting Access to VA Data for Research & Operations
Nov 18: Uses of Mobile Text Messaging to Engage Homeless Persons
Dec 1: Assessing Inpatient and Outpatient VA Health Care Use

VINCI Cyberseminars

Popular Links

Data Access Request Tracker (DART)
- DART Overview and Forms
- Launch DART Application

Resources

- Corporate Databases Monograph
- DAR
- HSRRData-L Listserv

Home > Data Sources > Data Access > Tools > Resources > Training > About Us > Support
VA Informatics and Computing Infrastructure

The mission of VINCI is to improve the healthcare of Veterans by providing researchers access to integrated national data sets and tools for analysis in a secure, high-performance computing environment. The vision of VINCI is to become VA researchers' preferred data source and data-processing environment.

Learn About VINCI

I Want to Use VINCI

I Am a Current User

Launch the VINCI Workspace
## VINCI Tools-DART

### Data Access Request Tracker - Dashboard

<table>
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<tr>
<th>Tracking #</th>
<th>Name</th>
<th>Type</th>
<th>Contact</th>
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<td>APPROVED</td>
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</tbody>
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VINCI Tools-ChartReview

***synthetic medical record data
VINCI Tools-OHDSI Suite

- OLYMPUS – A Unified Platform for OHDSI Applications
- ACHILLES for data characterization
- CIRCE for cohort creation
- HERACLES for quality of care
- HERMES for vocabulary exploration
- HOMER for population-level estimation
- PLATO for patient-level prediction
DaVINCI

- DoD and VA Infrastructure for Clinical Intelligence (DaVINCI)

- Joint project between Department of Defense and VA with objectives to:
  - Increase DoD-VA data integration for interagency collaboration/resource sharing
  - Implement governance process for interagency operation & research collaboration
  - Identify technical solution for each agency to access & use data
  - Identify opportunities to leverage integrated platform to develop novel clinical tools and test computing performance
QUESTIONS OR COMMENTS?

PREFERRED CONTACT METHOD:

VINCI@VA.GOV

Have you heard about VA Pulse?

It is an excellent resource to connect with your colleagues and continue conversations about this and other research topics. All you need to do is sign up using your VA email address.

You can start today by visiting us at HSR&D’s Cyberseminar site: https://www.vapulse.net/groups/hsrd-cyberseminars

Become part of the VINCI Services community today! https://www.vapulse.net/groups/vinci-services