

Virginia Health Information

from numbers to **KNOWLEDGE:** 2007 VHI Annual Report



Presented by
Gail Thompson
President, VHI Board of Directors
September 19, 2007

Mission



- To create and disseminate health care information
- To promote informed decision making by Virginia consumers and business and
- To enhance the quality of health care delivery

Virginia Health Information

- Formed in 1993 as a public/private partnership
- Virginia's state-recognized entity to collect, analyze and disseminate Virginia health care data
- Contracts with State Health Commissioner, DMV, DMHMRSAS, private contracts sales and services

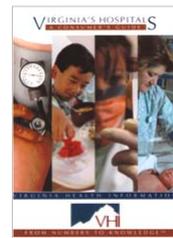


Nominated by representative associations

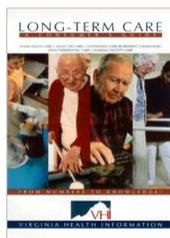
“Health Data from Many Sources for Many Needs”

- **Hospital Discharge Data:** 860,000 discharges per year from 90+ hospitals
- **EPICS:** financial and operational information from 370+ ambulatory surgical centers, hospitals and nursing homes
- **Outpatient Surgical Data:** for 7 procedure groups from ambulatory surgery centers, hospitals and physicians
- **HMO Data:** from State Corporation Commission and National Committee on Quality Assurance
- **Long-term care:** adult day care, assisted living, CCRCs, home care and nursing facilities
- Hospital and other facility **licensure data**

What's Done with the Data



Cardiac Care Reports

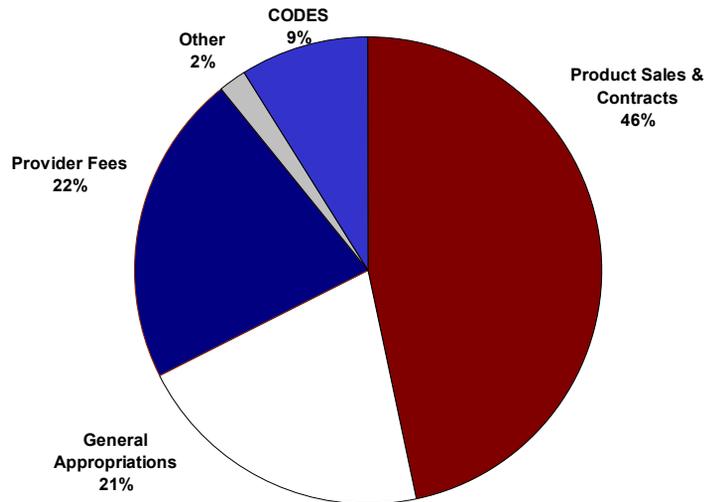


Databases/Reports on:

Hospitals,
Nursing Facilities
Assisted Living, CCRCs
Outpatient Surgery
HMOs, Physicians
Certificate of Need Data



FY 2007 Revenues



2007 JCHC/Legislative Support

- JCHC-sponsored amendment removed sunset on Virginia health care data reporting laws
- JCHC-sponsored budget amendment of \$50,000 funded at \$25,000 for psychiatric bed registry
- VHI working with DMHMRSAS to develop and fund psychiatric bed registry for FY 2009-2010

VA Psych Bed Registry Welcome Page

http://www.vhi.org/beds2/default.asp - Microsoft Internet Explorer

Home | Available Beds | Facility Info

Welcome to the
Virginia Acute Psychiatric
and CSB Bed Registry
PROTOTYPE: FOR DISCUSSION ONLY

Welcome!

The purpose of this website is to help Community Service Board and hospital placement staff locate potentially available psychiatric beds for individuals in need of inpatient treatment. This website is not intended to replace a facility's admission process and does not collect information on individual patients.

Search for available psychiatric beds by specific type

Search for information on inpatient psychiatric facilities

[Did this site help you place a patient?](#)

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Search by Specific Bed Type

http://www.vhi.org/beds2/search.asp - Microsoft Internet Explorer

Home | Available Beds | Facility Info

Welcome to the
Virginia Acute Psychiatric
and CSB Bed Registry
PROTOTYPE: FOR DISCUSSION ONLY

Search for Available Psychiatric Beds

Step 1: Select Region
CENTRAL VIRGINIA

Step 2: Select Facility
All
Bon Secours Richmond Community Hospital
Bon Secours St. Mary's Hospital
CW Medical Center
Community Memorial Healthcenter
John F. Randolph Hospital
Poplar Springs Hospital
Southside Regional Medical Center
VCU Health System

Step 3: Bed Criteria
Select Age Category
 Child
 Adolescent
 Adult
 Geriatric
Select Gender
 Male Female
Select Type
 Secured Unsecured

Step 4: Hospital Criteria
 Accepts TDO
 Accepts Medicaid

You can select more than one facility by holding the alt key down.

Step 5:
Display Facilities With Available Beds

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Cardiac Care

Volume, Mortality, Readmissions

- Represents 1 in 7 hospital admissions
- Open process of development and refinement
- Developed by VHI and health services researchers with provider input
- Severity adjusted to level the playing field



Virginia Health Information - Microsoft Internet Explorer

Address: http://www.vhi.org/cardiac_reports_results.asp

VHI VIRGINIA HEALTH INFORMATION

HOME ABOUT US PRODUCTS & SERVICES FREE INFORMATION CONTACT US

CARDIAC CARE

- Introduction
- Methodology
- Statistical Summaries
- Compare Hospitals
- Cardiac Physician Information
- Types of Cardiac Care
- Other Information - Links

Virginia Cardiac Reports - 2005

Click here for poster-friendly version

Discharge Volume			KEY		
Medical	Invasive	Open Heart	Rating		
1000+	1000+	1000+	● More than Expected	●	●
800 - 1499	250 - 999	500 - 999	○ As Expected	○	○
250 - 799	100 - 249	100 - 499	○ Less than Expected	○	○
1 - 249	1 - 99	1 - 99	● Too Few to Calculate (Volume Used < 30)	●	●
N/A = Discharges 0/Discharges 0/Discharges			N/A - Letter from Facility		

Click the red arrow to showhide Service Line subcategory line data

Show Detailed View

Facility Name (click for all hospital information)	Service Line	Total Volume	Most Rating	Readm Rating
Iona Fairfax Hospital	Cardiology, Medical	2059	●	○
Mary Washington Hospital	Cardiology, Medical	2016	●	○
University of Virginia Medical Center	Cardiology, Medical	1950	●	○
Winchester Medical Center	Cardiology, Medical	1716	○	●
Iona Alexandria Hospital	Cardiology, Medical	1399	●	○
Iona Fair Oaks Hospital	Cardiology, Medical	1029	●	○
Iona Loudoun Hospital Center	Cardiology, Medical	1349	●	○
Buckingham Memorial Hospital	Cardiology, Medical	1164	●	○
Virginia Hospital Center	Cardiology, Medical	1202	○	●
Augusta Medical Center	Cardiology, Medical	937	●	○
Culpeper Regional Hospital	Cardiology, Medical	962	●	○
Fauquier Hospital	Cardiology, Medical	639	●	○
Iona Mount Vernon Hospital	Cardiology, Medical	947	●	○
Matha Jefferson Hospital	Cardiology, Medical	722	●	○
Potomac Hospital	Cardiology, Medical	937	●	○
Prince William Hospital	Cardiology, Medical	848	●	○
Boston Hospital Center	Cardiology, Medical	939	●	○
Warren Memorial Hospital	Cardiology, Medical	549	○	●

Virginia Health Information - Microsoft Internet Explorer

Address: http://www.vhi.org/hmo_compare2006.asp

VIRGINIA HMO Quality & Performance Information

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FREE INFORMATION

- Cardiac Care
- Health Insurance Options
- HMOs**
 - Introduction
 - HMO Profiles
 - Compare HMOs
 - HMO Finder
 - Links
- Hospitals
- Links
- Long Term Care
- Nursing Facilities
- Outpatient
- Physicians

Choose a Plan(s)

- Aetna Health DC, MD and VA
- CareFirst BlueChoice
- CIGNA HealthCare Mid-Atlantic
- CIGNA HealthCare of Va
- HealthKeepers
- Kaiser Permanente
- M.D. IPA
- Optima Health Plan
- Optimum Choice
- Peninsula Health Care
- Priority Health Care
- Southern Health Services
- UnitedHealthcare Mid-Atlantic
- UnitedHealthcare River Valley

Select more than one plan by holding the ctrl key down

Compare

Choose a Measurement

Click on the [?] to get more information about an individual measure.

Access/Availability of Care

- Adult Access To Preventive/Ambulatory Health Services [?]
- Child Access to Primary Care Practitioners [?]
- Prenatal and Postpartum Care [?]

Effectiveness of Care

- Asthma Medication Management [?]
- Attention-Deficit/Hyperactivity Disorder (ADHD) Medication [?]
- Cardiovascular Disease Management [?]
- Common Childhood Illnesses [?]
- Diabetes Care and Management [?]
- Drug Therapy in Rheumatoid Arthritis [?]
- Immunizations [?]
- Inappropriate Treatment [?]
- Mental Health: Care and Follow-up [?]
- Persistent Medications [?]
- Preventive Care [?]
- Spirometry Testing [?]
- Use of Imaging for Low Back Pain [?]

Health Plan Stability/Descriptive

- Board Certification Rates for Providers [?]
- Provider Turnover Rates [?]
- Years in Business [?]

Member Satisfaction

- Member Satisfaction [?]

Other Data

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Virginia Health Information - Microsoft Internet Explorer

Address: http://vhi.org/hmo_compare2006_2.asp

Follow-up After Hospitalization For Mental Illness within 7 days after hospital discharge [?]

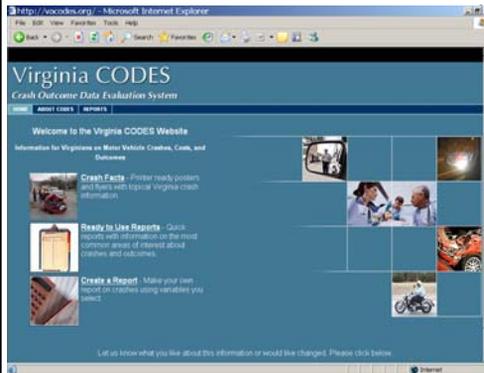
Plan Name	State Average: 57.58%	National Avg: 55.80%	90th Percentile: 70.46%	2005 Rate
Southern Health Services				68.48%
Kaiser Permanente				66.59%
CareFirst BlueChoice				62.11%
Optimum Choice				58.60%
CIGNA HealthCare Mid-Atlantic				58.56%
M.D. IPA				57.45%
UnitedHealthcare River Valley				57.14%
Aetna Health DC, MD and VA				55.45%
HealthKeepers*				50.68%
Optima Health Plan				50.24%
UnitedHealthcare Mid-Atlantic				48.03%

*HealthKeepers is the product for HealthKeepers, Inc, Peninsula Health Care, Inc, and Priority Health Care, Inc.

Follow-up After Hospitalization For Mental Illness within 30 days after hospital discharge [?]

Plan Name	State Average: 77.13%	National Avg: 75.89%	2005 Rate
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CODES: Using Data to Reduce Motor Vehicle Deaths and Injuries

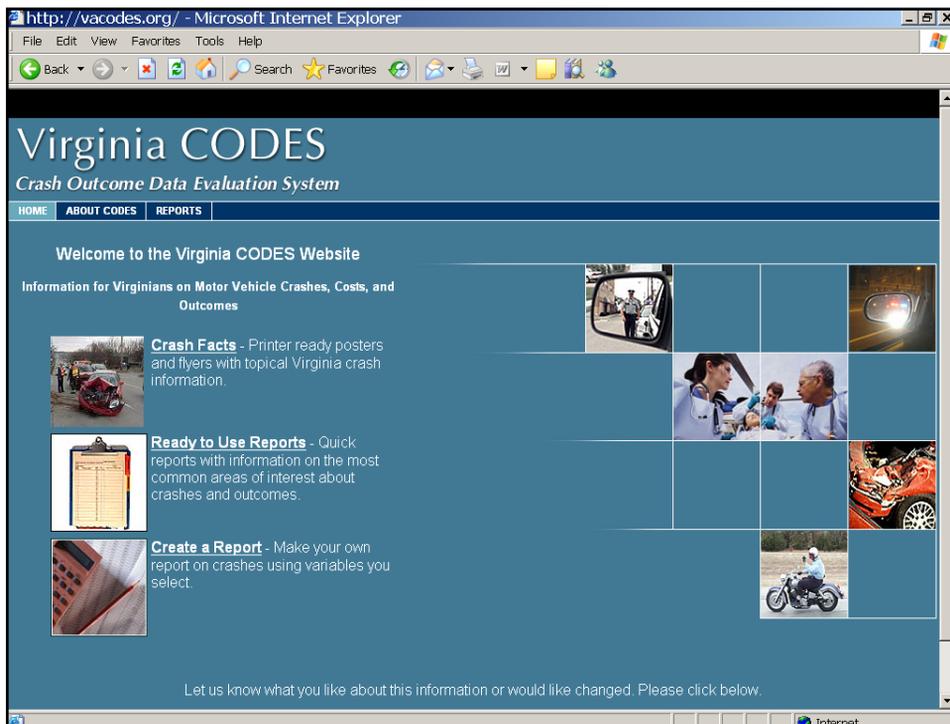


Information available at www.vacodes.org
under an agreement with DMV

CODES : combines car crash data, rescue information, trauma, vital records and hospital data

Purpose: produces crash outcomes information for public policy, public education and state initiatives on highway safety

Applications: compares injury severity, mortality, hospital charges by age group, use of safety restraints, motorcycle helmets, location, alcohol and drug use, driver distractions, speed, etc.





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FREE INFORMATION

- Cardiac Care
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- Physicians

Outpatient Procedure Information

Laparoscopy



Laparoscopy surgery in the belly (abdomen) using a tiny video camera and [fiber optic instrument](#). Laparoscopy is used to find and/or treat pelvic or abdominal problems.

How is it done? Most often, laparoscopy is done in a hospital while the patient is under [general anesthesia](#). The doctor will make a small cut below the navel (belly button). A small tube – about the size of a fountain pen – is inserted through that cut. A tiny video camera is passed through the tube. Carbon dioxide (a harmless gas) is pumped into the belly to expand the space so the doctor can see better. The doctor watches a video screen to see the organs in the belly. Small surgical tools can be threaded through the tube. That way the doctor can make repairs or remove tissue. ML6

Why is it done? This kind of surgery lets a doctor see and find what might be causing pain or other symptoms. The incisions or cuts needed are very small. Because doctors are not cutting as much skin, tissue and muscle, patients feel better faster. Your doctor might want to see if there are tumors, ovarian cysts, appendicitis or other problems. MLS

Are there alternatives? X-rays or [CT](#) scans can be used to find some problems, but sometimes doctors need to see inside the belly. Your doctor might suggest laparoscopy because it avoids a large cut.

What are the risks? This kind of surgery has less risk than open surgery (long cuts). Some people may get sick from the drugs used in anesthesia. Occasionally, some people have bleeding or get an infection. There is also the low overall risk that the doctor accidentally tears or pokes a hole in an organ. If that happens, the doctor can switch to an open surgery. Talk with your doctor for a better idea of the risks you might face.

How long is the recovery? Many people spend just a few hours in the recovery room before going home. You might feel some pain and see bruises around the cut. The gas used can also make your belly swell or give you a shoulder ache. Recovery after this kind of surgery is much shorter than open surgery. [More on laparoscopy](#)

[Click to find and compare providers offering this surgery](#)
[Traduzca a Español](#) | [Traduisez en Français](#) | [Übersetzen Sie in Deutsch](#)

**Prototype webpage
for illustration only**

www.vhi.org



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FREE INFORMATION

- Cardiac Care
- Health Insurance Options
- HMOs
- Hospitals
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- Long Term Care
- Nursing Facilities
- Outpatient
- Physicians

Find Outpatient Surgery Providers in Your Area

Choose Region(s)

Central Virginia

- All
- Amelia
- Brunswick
- Buckingham
- Charles City
- Charlotte

Choose Outpatient Procedure(s)

- Colonoscopy
- Laparoscopy – Inguinal Hernia
- Surgery of the Breast
- Hernia Repair
- Liposuction
- Facial Surgery
- Knee Arthroscopy

You can select more than one county by holding the ctrl key down

Choose Procedure Facility Type(s)

- Physician's Office
- Ambulatory Surgical Center
- Hospital Outpatient Center

**Prototype website
for illustration only**

Slide 17

- ML5** CY scan: In this procedure, x-rays are taken from many different angles and processed through a computer to produce a three-dimensional (3-D) image called a tomogram.
Michael Lundberg, 2/7/2007
- ML6** General anesthesia is a method used to stop pain from being felt during a procedure or surgery. In this form of anesthesia, medication is given to make the person unconscious.
Michael Lundberg, 2/7/2007

Website Redesign

- Stakeholders asked VHI to focus primarily on consumers and act as a portal to health information from other sources including:
 - CMS hospital, nursing home, home health compare
 - Health plans' websites
 - Hospitals
 - State information
 - Other

VHI Actions

Dominion Focus Group engaged consumers to:

- August 2006—Evaluate VHI direction in outpatient reporting and identify most important areas of concern
- March 2007—Overall consumer assessment of VHI website on cardiac care, HMOs, EPICS, long term care and physicians

Virginia Electronic Commerce Technology Center (VECTEC) at Christopher Newport University evaluated www.vhi.org for:

- Usability
- Navigation
- Accessibility, and
- Recommendations for draft prototype of redesign

Some Features of a Consumer Health Information Portal

- Geared to consumer interests on price, quality, prevention, treatment
- Goal: 6th grade reading level
- Information is easily found, displayed, printed, emailed
 - Consistent flow within site
 - Includes index and/or search
- Integrates information from other sources and websites
- Accessible in other languages, large font option
- Toll free number for those without web access- 1-877-VHI-INFO

Portal supported by Governor's Health Reform Commission

Summary

Virginia's health care data reporting laws provide public access to a variety of health information in a single place

- 2008 priorities:
 - Implement Psychiatric Bed Registry
 - Develop consumer health information portal
 - Publish outpatient surgery information
 - Update other publications (Cardiac Care, HMO, Obstetrical Care, Industry Report)