Virginia Health Information

from numbers to KNOWLEDGE:

2007 VHI Annual Report

Presented by
Gail Thompson
President, VHI Board of Directors

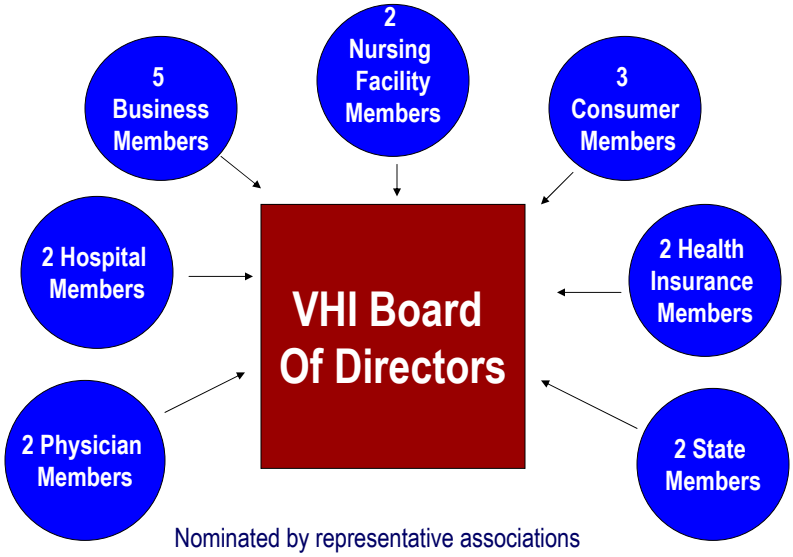
September 19, 2007

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

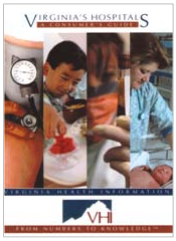


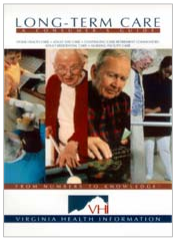
"Health Data from **Many Sources** for **Many Needs**"

- **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

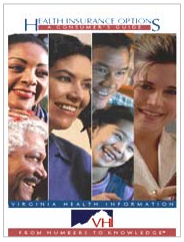
Cardiac Care Reports



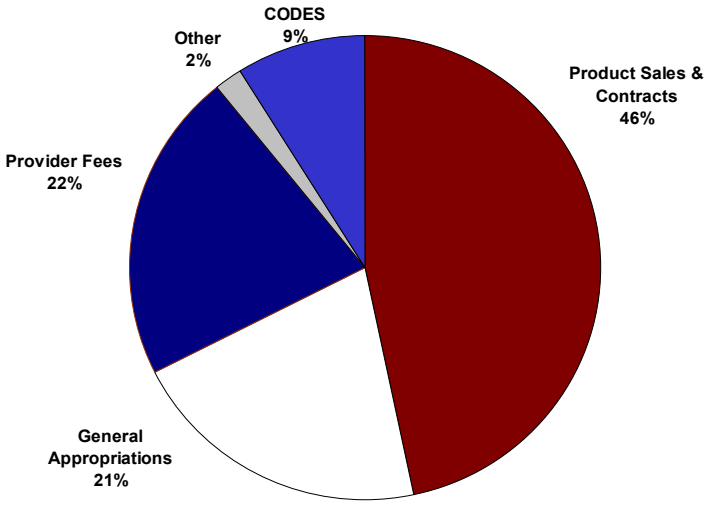


Databases/Reports on:

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

File Edit View Favorites Tools Help

Back Search Favorites

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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Done Internet

Search by Specific Bed Type

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

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Home | Available Beds | Facility Info

Welcome to the
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PROTOTYPE: FOR DISCUSSION ONLY

Search for Available Psychiatric Beds

Step 1: Select Region	Step 2: Select Facility	Step 3: Bed Criteria	Step 4: Hospital Criteria
CENTRAL VIRGINIA	All Bon Secours Richmond Community Hospital Bon Secours St. Mary's Hospital CJW Medical Center Community Memorial Healthcenter John Randolph Hospital Poplar Springs Hospital Southside Regional Medical Center VCU Health System *You can select more than one facility by holding the ctrl key down*	**Select Age Category** Child Adolescent Adult Geriatric **Select Gender** Male Female **Select Type** Secured Unsecured	Accepts TDO Accepts Medicaid

Step 5:
Display Facilities With Available Beds

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Internet

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

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

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CARDIAC CARE
- Introduction
- Methodology
- Statewide Summaries
- Compare Hospitals
- Cardiac Physician Information
- Types of Cardiac Care
- Other Information - Links

Virginia Cardiac Reports - 2005

Click here for printer friendly version

KEY

Discharge Volume

Medical	Invasive	Open Heart
1500+	1000+	1000+
800 - 1499	250 - 999	500 - 999
250 - 799	100 - 249	100 - 499
1 - 249	1 - 99	1 - 99
NA 0 Discharges	0 Discharges	0 Discharges

Rating
- More than Expected
- As Expected
- Less than Expected
- Too Few to Calculate (Volume Used < 30)

- Letter from Facility

Click the red arrow ▼ to show/hide Service Line subcategory line data

Show Detailed View

Cardiology Medical

Facility Name (click for all hospital information)	Service Line	Total Volume	Mort Rating	Readm Rating
Inova Fairfax Hospital	Cardiology Medical	2859		
Mary Washington Hospital	Cardiology Medical	2616		
University of Virginia Medical Center	Cardiology Medical	1550		
Winchester Medical Center	Cardiology Medical	1716		
Inova Alexandria Hospital	Cardiology Medical	1399		
Inova Fair Oaks Hospital	Cardiology Medical	1029		
Inova Loudoun Hospital Center	Cardiology Medical	1349		
Rockingham Memorial Hospital	Cardiology Medical	1164		
Virginia Hospital Center	Cardiology Medical	1202		
Augusta Medical Center	Cardiology Medical	937		
Culpeper Regional Hospital	Cardiology Medical	562		
Fauquier Hospital	Cardiology Medical	639		
Inova Mount Vernon Hospital	Cardiology Medical	947		
Martha Jefferson Hospital	Cardiology Medical	722		
Potomac Hospital	Cardiology Medical	937		
Prince William Hospital	Cardiology Medical	848		
Reston Hospital Center	Cardiology Medical	939		
Warren Memorial Hospital	Cardiology Medical	549		

Virginia Health Information - Microsoft Internet Explorer

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Back Address http://www.vhi.org/hmo_compare2006.asp Go Links Google Settings

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VIRGINIA HMO Quality & Performance Information

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FREE INFORMATION

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- 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

start | trans com... | 6 Micro... | Microsoft ... | 2 Intern... | 2 Windo... | Norton | 11:07 AM

Virginia Health Information - Microsoft Internet Explorer

File Edit View Favorites Tools Back Address http://vhi.org/hmo_compare2006_2.asp Go

Google Go Settings lenovo Links Customize Links Free Hotmail Windows Windows Marketplace

Norton Fraud monitoring is on Options

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

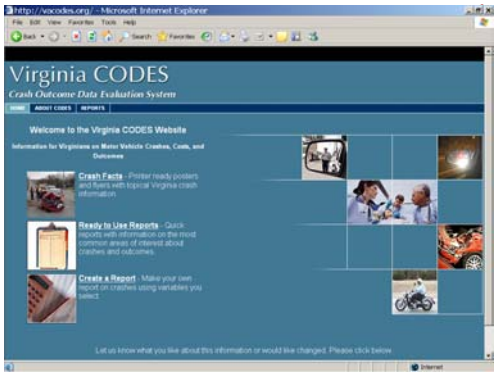
Plan Name	State Average: 57.58% National Avg: 55.80% 90th Percentile: 70.46%	2005 Rate
Southern Health Services		68.48%
Kaiser Permanente		66.59%
CareFirst BlueChoice		62.11%
Optimum Choice		58.60%
CIGNA HealthCare Mid-Atlantic		58.56%
M.D. IPA		57.45%
UnitedHealthcare River Valley		57.14%
Aetna Health 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

CODES: Using Data to Reduce Motor Vehicle Deaths and Injuries

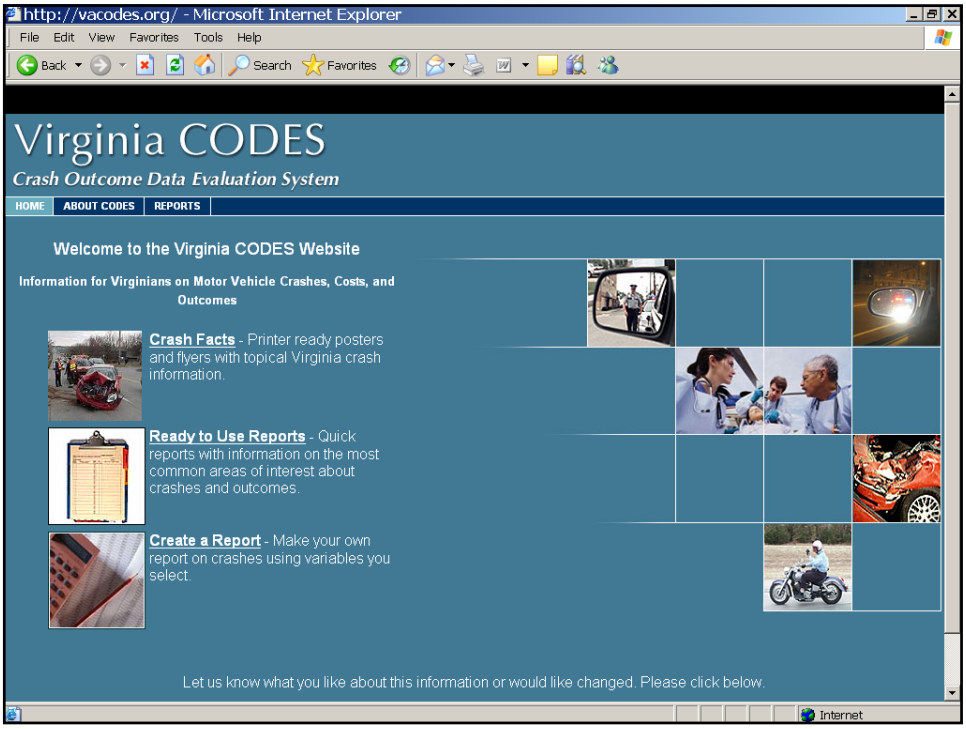


Information available at www.vacodes.org under an agreement with DMV

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
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- Physicians

Prototype webpage for illustration only
www.vhi.org

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.

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. ML5

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

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Prototype website for illustration only

FREE INFORMATION
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- Outpatient
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Find Outpatient Surgery Providers in Your Area

Choose Region(s)

Central Virginia

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

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

Choose Outpatient Procedure(s)

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

Choose Procedure Facility Type(s)

- [x] Physician's Office
- [ ] Ambulatory Surgical Center
- [ ] Hospital Outpatient Center

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)