



**VIRGINIA BUSINESS COALITION ON HEALTH**  
**HOSPITAL REPORT CARD (YR 2004 Data)**  
**Head & Neck - STROKE**

**DO YOU KNOW?**

30 Percent of all direct health care outlays today are a result of *poor quality*.  
...and Private purchasers absorb about one-third of these costs.  
Poor quality costs a typical employer between \$1,900 and \$2,250  
per covered employee per year.

Source: Midwest Business Group on Health and Juran Institute 2002

**Choose the Right Procedure ... At the Right Hospital**



# VIRGINIA BUSINESS COALITION ON HEALTH

## HOSPITAL REPORT CARD (YR 2004 Data) - Head & Neck - STROKE

A stroke occurs when a vessel that brings blood to the brain becomes blocked. Lack of blood flow starves part of the brain of oxygen and brain cells die. Stroke can cause severe disability and often death.

Hospitals Compared	Patients Per Year	% Mortality	Complications		LOS in Days	Total Charges	The Leapfrog Group		
			% DeU	% Hmh			CPOE	IPS	QI
Alexandria Hospital	181	1.40	0.00	0.00	5.92	\$20,006	NA	NA	NA
Augusta Medical Center	148	10.20	4.31	0.00	4.37	\$10,287	NA	NA	NA
Bon Secours-Maryview Medical Center	293	13.17	1.84	0.00	6.09	\$18,209	*	**	***
Bon Secours-Richmond Comm. Hospital	33	6.33	11.91	0.00	6.17	\$25,251	NA	NA	NA
Carilion Franklin Memorial Hospital	52	9.53	0.00	0.00	4.53	\$13,055	NA	NA	NA
Carilion New River Valley Med. Center	66	17.26	0.00	1.78	6.93	\$22,267	NA	NA	NA
Carilion Roanoke Memorial Hospital	412	11.86	0.90	0.00	6.23	\$19,269	NA	NA	NA
CentraHealth LGH/VBH	441	10.05	0.82	0.00	5.41	\$12,735	NA	NA	NA
Chesapeake General Hospital	273	8.56	0.00	0.00	5.41	\$13,641	*	*	**
Columbia Chippenham Medical Center	454	12.37	1.34	0.00	6.29	\$34,228	*	*	*
Columbia Clinch Valley Medical Center	41	9.80	0.06	0.00	6.33	\$19,829	*	*	NA
Columbia Henrico Doctors Hospital	261	10.88	1.13	0.00	6.53	\$34,955	*	*	*
Columbia John Randolph Medical Center	114	8.45	1.60	0.68	6.96	\$33,693	*	*	*
Columbia Montgomery Regional Hospital	48	15.89	0.00	0.00	5.55	\$17,916	*	*	**
Columbia Pulaski Community Hospital	31	8.72	7.38	0.00	5.55	\$14,529	*	*	***
Columbia Reston Hospital Center	115	13.79	0.00	0.00	5.92	\$18,782	*	*	*
Columbia Retreat Hospital	65	10.01	0.00	1.26	5.79	\$28,430	*	**	***
Community Memorial Health Center	93	10.41	0.00	0.00	5.11	\$15,153	NA	NA	NA
Culpeper Memorial Hospital	48	6.13	10.33	0.00	5.16	\$14,325	NA	NA	NA
Danville Regional Medical Center	278	6.72	1.09	0.00	5.12	\$10,882	NA	NA	NA
DePaul Medical Center	134	12.02	0.00	0.00	6.87	\$19,749	*	*	***
Fauquier Hospital	70	19.53	0.00	0.00	5.8	\$22,620	NA	NA	NA
Greensville Memorial Hospital	30	5.67	0.85	0.00	3.51	\$15,317	NA	NA	NA
Halifax Regional Health System	104	5.85	0.00	0.00	4.29	\$9,769	NA	NA	NA
HealthSouth Rehab Hospital of Virginia	84	0.00	7.38	0.00	19.9	\$28,476	NA	NA	NA
Inova Fair Oaks Hospital	113	10.08	7.97	0.00	5.35	\$18,989	NA	NA	NA
Inova Fairfax Hospital	650	13.58	1.30	0.00	5.89	\$20,863	NA	NA	NA
Johnston Memorial Hospital	57	13.75	0.00	0.00	5.2	\$10,550	NA	NA	NA
Lewis-Gale Hospitals	221	9.69	0.00	0.00	4.8	\$16,184	*	*	***
Loudoun Hospital Center	104	8.42	2.54	0.00	5.84	\$20,062	NA	NA	NA
Martha Jefferson Hospital	123	5.79	0.00	0.00	3.77	\$10,220	NA	NA	NA
Mary Immaculate Hospital	106	8.53	3.04	0.00	6.5	\$20,197	*	*	***
Mary Washington Hospital	280	5.60	0.00	0.00	5.08	\$15,047	NA	NA	NA

MCV Hospital	296	16.24	2.05	0.00	6.31	\$26,020	NA	NA	NA
Mem Hospital of Martinsville & Henry Co.	143	15.06	0.00	0.00	5.87	\$13,344	NA	NA	NA
Memorial Regional Medical Center	303	8.56	0.00	0.00	5.58	\$25,802	NA	NA	NA
Mount Vernon Hospital	166	11.29	0.00	0.00	6.3	\$20,441	NA	NA	NA
Northern Virginia Community Hospital	38	11.58	0.00	0.00	8.26	\$31,038	*	*	*
Norton Community Hospital	36	0.00	0.06	0.00	4.25	\$12,086	NA	NA	NA
Obici Hospital	151	15.15	2.46	0.00	5.34	\$10,839	*	**	**
Potomac Hospital	89	14.14	3.04	0.00	5.89	\$16,795	NA	NA	NA
Prince William Hospital	107	8.82	0.00	0.00	5.29	\$16,693	NA	NA	NA
Riverside Regional Medical Center	245	16.16	1.69	0.00	5.83	\$19,147	**	*	***
Riverside Tappahannock Hospital	57	14.79	0.00	0.00	3.04	\$11,270	NA	NA	NA
Riverside Walter Reed Hospital	54	4.30	0.00	0.00	5.17	\$14,946	**	*	*
Rockingham Memorial Hospital	201	10.16	1.60	0.00	4.3	\$10,424	NA	NA	NA
Sentara Bayside Hospital	98	10.47	1.96	0.00	5.27	\$18,841	*	**	****
Sentara CarePlex Hospital	225	13.94	1.22	0.00	6.47	\$18,528	*	****	***
Sentara Leigh Hospital	201	8.54	1.17	0.00	5.38	\$14,838	*	***	***
Sentara Norfolk General Hospital	277	12.74	2.46	0.34	7.25	\$23,258	*	***	****
Shore Memorial Hospital	112	16.23	2.54	0.00	4.22	\$11,796	NA	NA	NA
Smyth County Community Hospital	44	17.15	0.00	0.00	5.37	\$12,647	NA	NA	NA
Southampton Memorial Hospital	71	13.18	0.00	0.00	5.43	\$19,828	NA	NA	NA
Southside Community Hospital	66	17.61	0.00	0.00	4.31	\$14,627	NA	NA	NA
Southside Regional Medical Center	179	6.76	4.83	0.00	5.8	\$18,442	NA	NA	NA
St. Mary's Hospital of Richmond	287	13.38	0.90	0.36	6.04	\$24,281	NA	NA	NA
St. Mary's Hospital-Norton	31	5.05	0.06	0.00	3.77	\$14,011	NA	NA	NA
Twin County Regional Hospital	43	22.69	0.06	0.00	4.08	\$10,923	NA	NA	NA
University of Virginia Medical Center	436	19.08	1.95	0.18	5.41	\$19,044	NA	NA	NA
UVA HealthSouth Rehabilitation Hospital	145	0.00	4.35	0.00	16.76	\$22,233	NA	NA	NA
Virginia Beach General Hospital	261	10.97	0.00	0.00	5.95	\$21,727	*	****	***
Virginia Hospital Center Arlington	185	10.02	1.99	0.00	6.78	\$20,706	NA	NA	NA
Williamsburg Community Hospital	97	9.57	3.80	0.00	5.07	\$14,535	*	**	***
Winchester Medical Center	320	11.30	0.96	0.31	5.77	\$14,456	*	*	***
Wythe County Community Hospital	38	8.59	0.00	0.00	5.88	\$11,497	NA	NA	NA

### Methodology

Measures used to compare these hospitals are: the number of patients treated at each hospital, the percentage of patients who died (mortality), the percentage of patients who developed problems (complications), the average number of days people stay in each hospital (length-of-stay), and each hospital's average charges (costs). This report relies on Virginia All Patient Data (2004). The complications used are identified using guidelines from the Agency for Healthcare Research and Quality (AHRQ).

### Legend

**Patients Per Year:** Number of patients treated at each hospital

**Mortality:** % of patients who died while being treated. Lower numbers are better.

**Complications:** % of patients who developed problems while being treated

**Hmh:** Hemorrhage complications **DeU:** Decubitus Ulcer

**LOS:** Average number of days people stay in the hospital for treatment.

**Total Charges:** Average hospital charges for treatment; excludes physician fees and outpatient services.

### Leapfrog [www.leapfroggroup.org](http://www.leapfroggroup.org)

#### LEAPFROG QUALITY & SAFETY PRACTICES:

**CPOE:** Electronic prescribing systems that intercept, and reduce errors by 50% or more, when they most commonly occur.

**IPS:** Staffing ICUs with physicians who have credentials in critical care medicine has shown to reduce the risk of patients dying by more than 10%. **QI:** Quality Index: 27 safe practices that reduce risk of harm to patients in certain processes, systems or environments of care (National Quality Forum).

\*\*\*\* Fully implemented

\*\*\* Good progress in implementing

\*\* Good early stage effort in implementing

\* Willing to report; did not meet criteria for good early stage effort.

N/A-Not Applicable (These hospitals were not in target area in 2004)

The Virginia Business Coalition on Health is a Regional Roll-out Leader for the Leapfrog Group for Patient Safety Hospital Survey. Visit [www.myVBCH.org](http://www.myVBCH.org) for more information.