

VIRGINIA: A REGULAR MEETING OF THE SURRY COUNTY BOARD OF SUPERVISORS HELD IN THE GENERAL DISTRICT COURTROOM OF THE COUNTY GOVERNMENT CENTER ON AUGUST 5, 2010 AT 7:00 P.M.

PRESENT: SUPERVISOR REGINALD O. HARRISON, CHAIRMAN  
SUPERVISOR JOHN M. SEWARD, VICE-CHAIRMAN  
SUPERVISOR M. SHERLOCK HOLMES  
SUPERVISOR ERNEST L. BLOUNT  
SUPERVISOR JUDY S. LYTTLE

ALSO

PRESENT: MR. TYRONE W. FRANKLIN, COUNTY ADMINISTRATOR  
MR. WILLIAM HEFTY, HEFTY & WILEY, COUNTY ATTORNEY  
MR. JOHN B. EDWARDS, ASSISTANT COUNTY ADMINISTRATOR  
MS. RHONDA R. MACK, COMMUNITY DEVELOPMENT DIRECTOR  
MR. STACEY WILLIAMS, BUILDING OFFICIAL  
MRS. BILLIE JEAN ELMER, UNIT DIRECTOR, VPI EXTENSION OFFICE

**CALL TO ORDER/MOMENT OF SILENCE/PLEDGE OF ALLEGIANCE**

The meeting was called to order by Chairman, Reginald Harrison. Mr. Harrison asked for a moment of silence. Following the moment of silence, he asked the citizens to stand and say the pledge of allegiance.

**CONSENT ITEMS**

1. Approval of July 1, 2010 Minutes
2. Approval of August, 2010 Accounts Payable

(Represents the month of June, FY 09-10)

	Accounts Payable	Additional	Total
General Fund	\$111,358.44		\$111,358.44
Debt Service	\$0.00		\$0.00
Capital	\$417.58		\$417.58
Water & Sewer	\$14,645.70		\$14,645.70
Indoor Plumbing	\$0.00		\$0.00
Totals	\$126,421.72		\$126,421.72

(Represents the month of July, FY 10-11)

	Accounts Payable	Additional	Total
General Fund	\$94,928.20	\$44,819.38	\$139,747.58
Debt Service	\$687,994.92	\$0.00	\$687,994.92
Capital	\$0.00	\$56,825.42	\$56,825.42
Water & Sewer	\$333.19	\$0.00	\$333.19
Indoor Plumbing	\$0.00	\$0.00	\$0.00
Totals	\$783,256.31	\$101,644.80	\$884,901.11

### 3. Appropriation Requests

School System - Aug. 2010	\$1,019,219.00
Dept. of Social Serv. - Aug. 2010	\$150,000.00

4. Budget Amendment – Emergency Services Grant Funds: The County has received FY 2010 (\$25,000.00) and FY 2011 (\$25,000.00) grant funds from the Virginia Department of Emergency Services for emergency preparedness (i.e. radiological training, manpower costs, communication and other equipment associated with FEMA graded exercises). These funds need to be amended to the FY 2011 Emergency Services Budget and appropriated for spending.

Supervisor Lyttle made a motion that the Board approve all Consent Items as enumerated. Supervisor Seward seconded the motion; Supervisors Harrison, Blount, Seward, Holmes and Lyttle voted affirmatively.

## PROGRESS REPORTS

### 1. VDOT

There was no representative from VDOT in attendance. Supervisor Blount inquired as to the status of the resurfacing project on Route 10. Mr. Tyrone Franklin, County Administrator, stated that he had requested Mr. Todd Halacy, VDOT Williamsburg Residency, to be present at the Board’s meeting, but had received no response from VDOT.

### 2. Treasurer

A. INVESTMENT LETTER: Chairman Reginald Harrison read the investment letter submitted by Mary H. Shaw, Treasurer. He stated that as of July 1, 2010 the county had \$9,275,493.27 in the LGIP Fund. As of June, 2010, interest had accrued in the amount of \$1,986.28 increasing that balance to \$9,277,479.55. On July 28, 2010 the county transferred \$1,500,000.00 from LGIP to the General Fund, leaving a balance of \$7,777,479.55 in the Local Government Investment Pool. Chairman

Harrison stated that as of August 5, 2010, the county had \$7,777,479.55 in total investments.

Mr. Franklin called the Board's attention to correspondence from the Treasurer requesting authorization to destroy all personal property tax receipts with a date of June 2004 or older and all real estate tax receipts with a date of June 1988 or older in compliance with the Code of Virginia §58.1-3129[A]. The scheduled date for shredding of County documents is August 19, 2010. Supervisor Holmes made a motion that the Board authorize staff to proceed with the destruction of documents as described. Supervisor Seward seconded the motion; the Board voted unanimously to approve the motion.

### 3. County Administrator

A. Dr. Cynthia Keppel, Scientific and Technical Director of Hampton University's Proton Therapy Institute made a brief presentation to the Board regarding the goals and operations of the HU Proton Therapy Institute. Dr. Keppel reported that this facility is only the eighth such facility in the country and is the largest such facility in the world. She also announced that the Institute will treat its first patient in two weeks. Proton Therapy, Dr. Keppel explained, is much like radiation therapy. However, because it targets tumors without radiating the surrounding healthy tissue, it results in far fewer side effects and does a better job of eliminating the tumor. All major insurance companies support the use of Proton Therapy and, although it is usually charged at a higher rate than radiation therapy, because of fewer side effects requiring additional treatment, the overall cost is often lower.

Dr. Keppel further discussed avenues for involvement suggesting that patients can self-refer and individuals are encouraged to donate funds for use in cases where patients may not have insurance coverage.

***(While a copy of Dr. Keppel's electronic presentation was not made available to staff, copies of printed materials provided to the Board are included as an integral component of these minutes.)***

[NOTE: During Dr. Keppel's presentation the government center experienced a power outage as a result of a thunderstorm rendering recording and projection devices inoperable and limiting lighting in the courtroom for the duration of the meeting.]

B. Ms. Renee Chapline and Mr. Christian Booty, Virginia's Gateway Region, addressed the Board regarding the Surry County Retail Analysis conducted on the County's behalf to develop a means to market the County to retail businesses. The analysis can be used to attract domestic and international retail and industrial development. The report is both a marketing and research piece. It represents the County in a positive light while addressing the potential for economic development. ***(A copy of the Surry County Retail Analysis Report is included as an integral component of these minutes.)***

Following a brief period of discussion with the Board, Mr. Franklin suggested that the study should be endorsed by the Board of Supervisors prior to its use as a business marketing tool. Supervisor Seward made a motion that the Board endorse the Surry County Retail Analysis Report; the motion was seconded by Supervisor Holmes. Supervisors Harrison, Blount, Lyttle, Seward and Holmes voted affirmatively.

C. Mr. Glenn R. Slade, Virginia Cooperative Extension Agent, appeared before the Board requesting that they consider petitioning the governor with regard to a drought declaration for Surry County. Mr. Slade stated that, due to a lack of rainfall and extremely high temperatures through the months of June and July, Surry County had been experiencing drought conditions. This has resulted in agricultural losses of more than \$1.7 million to Surry County farmers. At this time, peanuts, cotton and soybeans are still in the reproductive stages and yield losses will have to be determined at a later date. Due to these conditions, Mr. Slade requested that the Board appeal to Governor McDonnell to have Surry County declared a drought disaster area. If this declaration were made, he explained, it would allow area farmers to be eligible for USDA low interest loans and other disaster assistance as approved by the State and Federal government.

Supervisor Holmes made a motion that the Board appeal to Governor McDonnell to have Surry County declared a drought disaster area. The motion was seconded by Supervisor Lyttle; the Board unanimously approved the motion.

D. Mr. Franklin called the Board's attention to the School Board's request to receive lump sum funding rather than categorical funding as is the current practice. Supervisor Lyttle stated that, following Mr. Hamlin's presentation to the Board at their meeting on July 1, 2010, she could support this request. Supervisor Blount expressed some concern as to the effect, if any, on the County's fund balance. Supervisors Holmes and Seward also expressed concern about the futuristic effects of such a decision with Mr. Seward suggesting that the Board's Fiscal Affairs Committee should look into the matter further. Supervisor Harrison agreed that making such an abrupt policy change may not be prudent and recommended that the Fiscal Affairs Committee explore additional options in resolving current funding delays to the School Board which originally brought about the request. The Board unanimously agreed to refer the matter to the Fiscal Affairs Committee for further consideration.

E. Resolution 2010-22 was introduced by Mr. Franklin as recognition of a County resident who has achieved the age of 90 years. Mrs. Violet C. Savedge celebrated her 90<sup>th</sup> birthday on June 19, 2010 and resides in the Dendron District of the county.

Supervisor Blount made a motion that the Board approve Resolution 2010-22 recognizing Mrs. Savedge; Supervisor Holmes seconded the motion.

Supervisors Harrison, Seward, Lyttle, Blount and Holmes voted unanimously to approve the resolution.

F. Mr. Franklin introduced Resolution 2010-23 which is intended to establish the required signature authority for the Captain John Smith Deckhouse Restoration Project agreement with VDOT. Supervisor Holmes made a motion that the Board approve Resolution 2010-23 as presented. Supervisor Blount seconded the motion; Supervisors Harrison, Seward, Lyttle, Holmes and Blount voted in favor of the motion.

G. Mr. Franklin called the Board's attention to a list of out-of-service vehicles along with computers and other technology related equipment that is obsolete and/or non-repairable. County staff is requesting authorization to have these items destroyed or disposed of and removed from the County's inventory. Supervisor Lyttle inquired as to how the enumerated items will be disposed of and was informed by staff that vehicles will be auctioned off and other equipment would be considered waste once all stored information was removed. Mrs. Lyttle suggested that staff look into the possibility of e-recycling for the computer equipment recommending an organization, ARC in Hampton, Virginia. Mr. Franklin assured the Board that staff would investigate all reasonable options for disposal of such equipment. Supervisor Lyttle made a motion that the Board declare the items enumerated as non-useable surplus and authorize County staff to remove them from the County's inventory. Supervisor Seward seconded the motion; all members of the Board voted affirmatively.

## **UNFINISHED BUSINESS**

Mr. Franklin reminded the Board of a matter previously discussed regarding a change in the tax rate for buses as requested by Mr. A.L. Drew. Supervisor Holmes suggested that this matter should also be referred to the Board's Fiscal Affairs Committee for further investigation. Being present, Mr. Drew was invited to address the Board with his concern. He stated that achieving "rolling stock" designation was not an easy process, although certainly attainable. He suggested that lowering the tax rate for commercial buses would benefit both the business owner, by resulting in increased capital for reinvestment and business growth, and the County, which with the "rolling stock" designation would see significantly reduced tax revenues. Following brief discussion, the Board agreed to refer the matter to the Fiscal Affairs Committee for further consideration.

Supervisor Lyttle reported that following the closing of the Mantura Road dumpster site and weekday closings at the County's two manned solid waste facilities, citizens in the Bacon's Castle District were experiencing a great deal of frustration with regard to household waste disposal. She encouraged citizens in attendance to stand in support as she reiterated the need for a third manned solid waste facility in the Bacon's Castle area. Additionally, Mrs. Lyttle stated that she would like to report on some cost saving ideas gleaned from the recent NACo conference she and Supervisor Blount had attended. Unfortunately, due to limited lighting, Supervisor Lyttle reported that she was unable to read her notes.

Some discussion ensued regarding prospective sites for the manned solid waste site in the Bacon's Castle area with Mr. Franklin reporting that there was more than one site which may be made available to the County for such a facility.

Mr. Franklin reported on a matter previously considered by the Board regarding the pursuit of delinquent taxes by Virginia Auction Company (VAC). County Attorney, Mr. William Hefty, had previously suggested the County issue a Request for Proposals for such services. Although no action has been taken by the Board to date, Mr. Franklin informed the Board that VAC was involved in pending litigation in Isle of Wight County with regard to fees charged by the company. Mr. Hefty clarified by stating that a citizen had contested the fees and won. Mr. Franklin suggested that it would not be wise for the County to enter into a contract with VAC until the matter is fully resolved.

Supervisor Blount encouraged the Board to continue to pursue a solid waste disposal site in the Bacon's Castle area. He also reported that, with regard to the Williamsburg Area Transit Authority, he had had recent opportunity to commute with one of their buses and that very few riders were taking advantage of the service offered. Chairman Harrison responded by stating that the service may keep some citizens working as opposed to being unemployed and that the matter should be studied further. Mr. Blount also suggested that the Personnel Committee consider postponing any decision on the Public Works Supervisor position and further stated that the exit lights in the courtroom were not lit and visible after the power outage.

Chairman Harrison inquired as to when the Board would again consider the proposed noise ordinance and was informed by Mr. Hefty that a draft would be available for consideration at the Board's next meeting on September 2, 2010.

There was further discussion regarding a solid waste disposal site in the Bacon's Castle area with Supervisor Lyttle questioning the savings resulting from having each of the current sites closed two days per week and Supervisor Harrison suggesting that the Buildings & Grounds Committee be involved in the site selection process.

## **NEW BUSINESS**

There was no new business.

## **CITIZENS COMMENTS**

Ms. Monet Pierre (Bacons Castle) addressed the Board asking that all waste disposal sites be open seven days per week and adding that some extended hours would be of benefit to individuals working outside the County who need to dispose of household refuse at later times. Ms. Pierre also suggested that the WAT commuter service may not be utilized fully because it was inconvenient for riders. She thanked Supervisor Lyttle for her persistence in making waste collection in her district more convenient.

Mr. Thomas Hardy (Bacons Castle) expressed his concern regarding waste collection, illegal dumping, and the danger of citizens burning their trash when the County had been experiencing such dry weather conditions. He also requested that the County consider increased opportunities for recycling.

Mrs. Bess Richardson (Dendron) spoke on behalf of the Surry County Historical Society commending the Board for approval of Resolution 2010-23 so that the Captain John Smith Deckhouse Restoration Project could proceed.

Mrs. Betsy Shepard (Surry) presented the Board with a copy of an article describing a study by the American Heart Association in which claims are made that proximity to a coal burning facility results in increased risk for heart attack. She also presented a recent press release from the EPA addressing concerns related to coal plants.

Mrs. Jane Ellis, family member of Mrs. Violet Savedge, thanked the Board for their approval of Resolution 2010-22.

Mr. Douglas Dorsey (Bacons Castle) addressed the Board and encouraged them to continue to pursue a third manned solid waste collection site in his district. He also requested that they move forward with the County's noise ordinance.

Mr. Franklin reminded the Board of the scheduled joint meeting with the Planning Commission on Thursday, August 19, 2010 at 7:00pm at the L.P. Jackson Middle School.

#### **CLOSED SESSION**

There being no further comments from the public, Mr. William Hefty, County Attorney, suggested that the Board move to Closed Session to discuss appointment or promotion of particular officers of employees and salary or other compensation of a specific employee Virginia Code § 2.2-3711(A)(1). Supervisor Seward made a motion that the Board move to Closed Session. Supervisor Holmes seconded the motion; Supervisors Harrison, Seward, Lyttle, Holmes and Blount voted affirmatively.

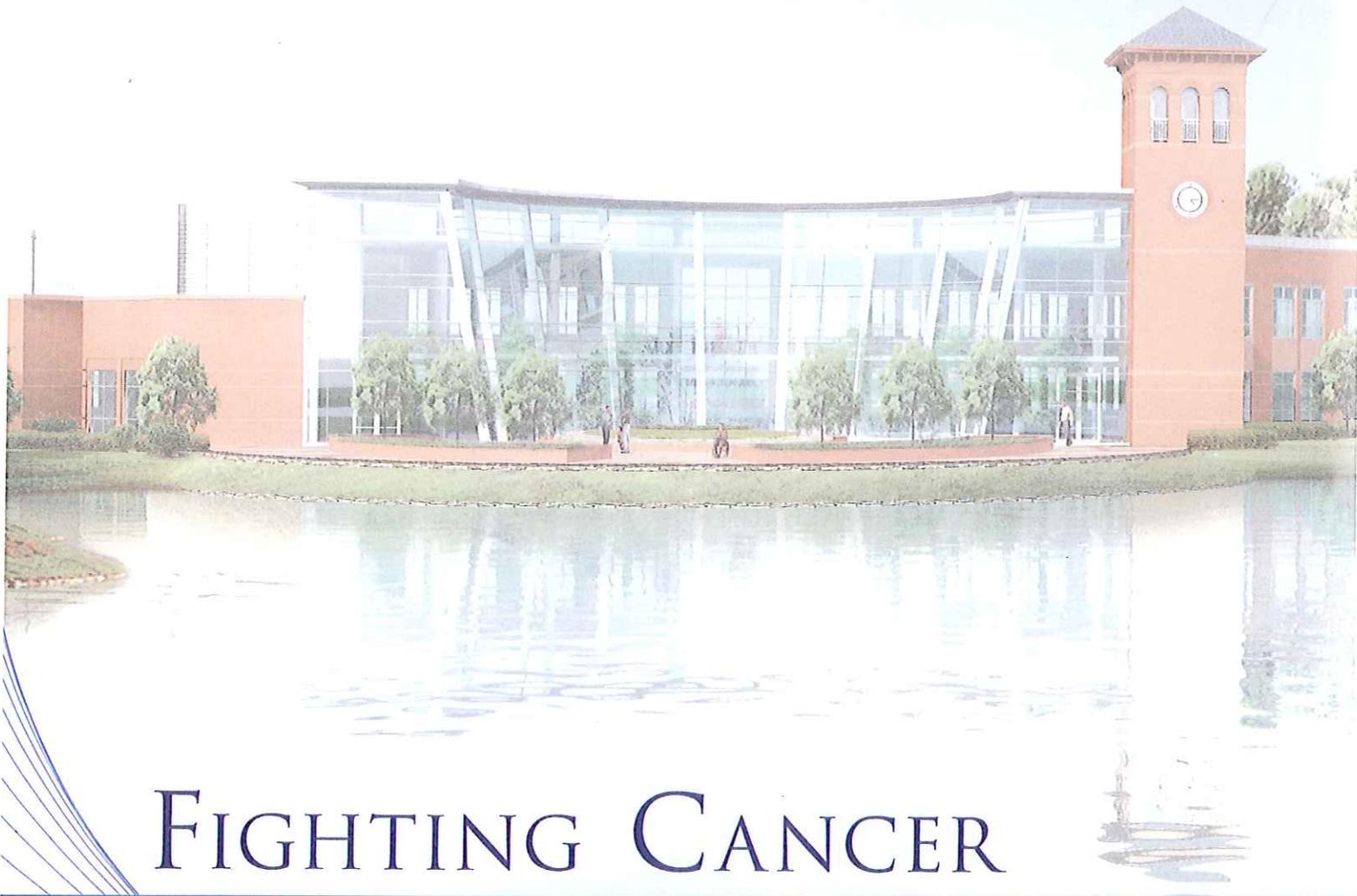
Vice-Chairman John Seward moved that the Board of Supervisors return to open session and certify by roll call that the Closed Session had concluded; nothing was discussed except the matter or matters permitted to be discussed under the provisions of the Virginia Freedom of Information Act in the motion. Supervisor Lyttle seconded the motion; Supervisors Harrison, Holmes, Blount, Seward and Lyttle voted in favor of the motion.

#### **ADJOURNMENT**

Supervisor Seward made a motion that the Board approve a new position of Network Administrator and authorize the County Administrator to fill the position. The motion was seconded by Supervisor Lyttle; all members voted in favor of the motion.

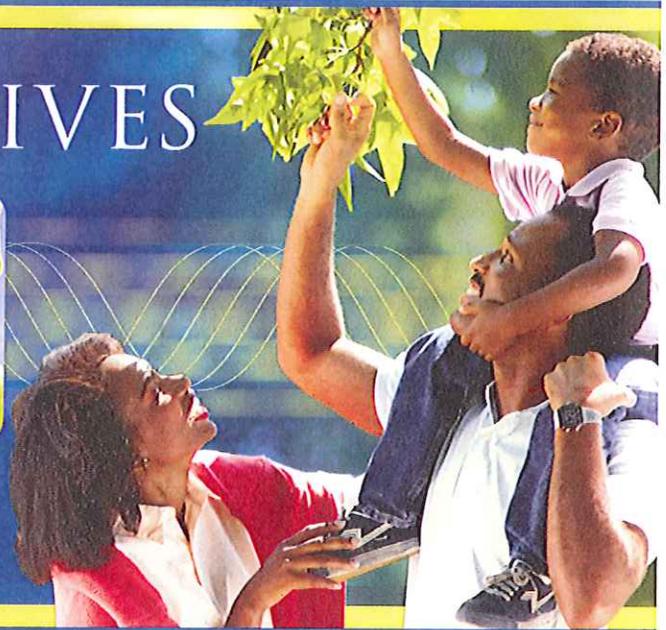
Supervisor Lyttle called the Board members' attention to information provided in their packet regarding the Wise County Coal Generation Tour.

Chairman Harrison announced that the meeting will be continued on Thursday, August 19, 2010 at 7:00pm at the L.P. Jackson Middle School.



# FIGHTING CANCER

## SAVING LIVES



HAMPTON UNIVERSITY  
  
PROTON THERAPY INSTITUTE  
FIGHTING CANCER. SAVING LIVES

Dear Friends of Hampton University,

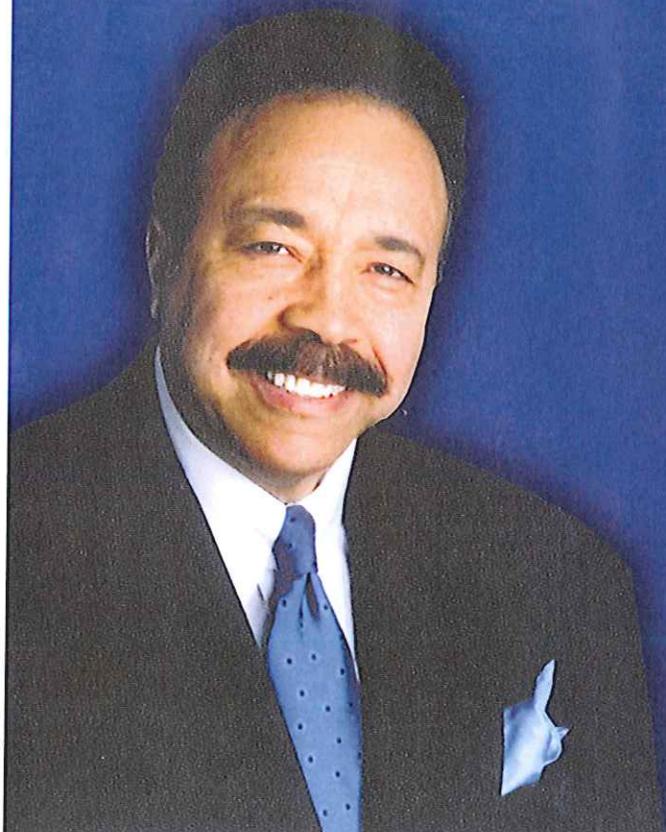
I have served as President of Hampton University since 1978. In my many wonderful years at this institution, I have observed and participated in a number of exciting developments. Of all of these, I believe the Hampton University Proton Therapy Institute (HUPTI) to be among the most notable. HUPTI will save lives, ease human misery, and advance medical knowledge. One in three Americans will be diagnosed with cancer in his or her lifetime. In fighting this dreadful disease, HUPTI will impact our community and the world.

Proton radiotherapy is one of the greatest technological advances of our age. This technology enables HUPTI to offer our patients the most precise radiation therapy available, targeting and killing tumors with millimeter accuracy, while sparing the healthy tissue and minimizing side effects.

As a patient treatment facility as well as a research and education center, HUPTI builds upon Hampton's legacy of knowledge and innovation. HUPTI doctors and researchers will further develop the science of proton therapy and remain at the vanguard of the fight against cancer into the future. HUPTI will be a catalyst for new scientific discoveries and increasingly accurate, advanced care for cancer patients.

HUPTI is the result of a unique public and private partnership between the Hampton Roads community, bringing together health care providers, business, education and industry leaders. I'm very pleased that these entities have pooled their talents and resources to make this showcase cancer center a reality.

I am looking forward to the coming years with hope, enthusiasm and anticipation.



William R. Harvey  
President  
Hampton University

# DID YOU KNOW?

- Cancer is the 2nd leading cause of death for Americans.
- Cancer is the leading cause of death
  - Among women ages 40-79
  - Among men ages 60-79
- 60% of all cancer patients receive some form of radiation therapy.
- One out of every three Virginians will develop some form of cancer during his or her lifetime.
- Hampton Roads leads the nation in prostate cancer deaths.
- Chesapeake, Virginia ranks number one when compared to other cities in colon cancer deaths.

*Sources include: the American Cancer Society, the Center for Disease Control and Prevention, and the Virginia Cancer Registry.*

HAMPTON UNIVERSITY WILL JOIN THE FIGHT AGAINST CANCER WITH ITS STATE-OF-THE-ART CANCER TREATMENT AND RESEARCH FACILITY, THE HAMPTON UNIVERSITY PROTON THERAPY INSTITUTE.





*"I CAN'T RAVE ENOUGH about proton therapy. It's the greatest medical advancement! I am just elated. I was very confident that proton therapy was going to be successful. But I didn't know my PSA would be as low as 0.29. Proton therapy is the treatment of the future happening now."*

Doug Davidson,  
Midlothian, VA  
Proton Therapy Patient



# PROTON THERAPY TREATMENT

PROTON THERAPY is the most precise form of radiation treatment. Proton therapy targets the tumors while sparing surrounding healthy tissue, causing far fewer side effects than traditional therapy.

## Proton Beam Therapy vs. Conventional Beam Therapy

Proton beam delivers minimal dose in front of the tumor, maximum dose **to the tumor** region and no dose behind it.

Conventional beam therapy delivers X-ray radiation along the **entire** path through the patient, affecting healthy tissue along the way.

## CONVENTIONAL RADIATION THERAPY

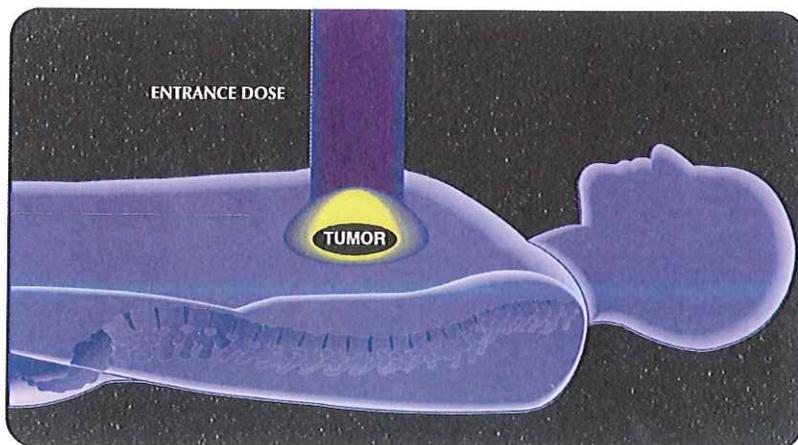
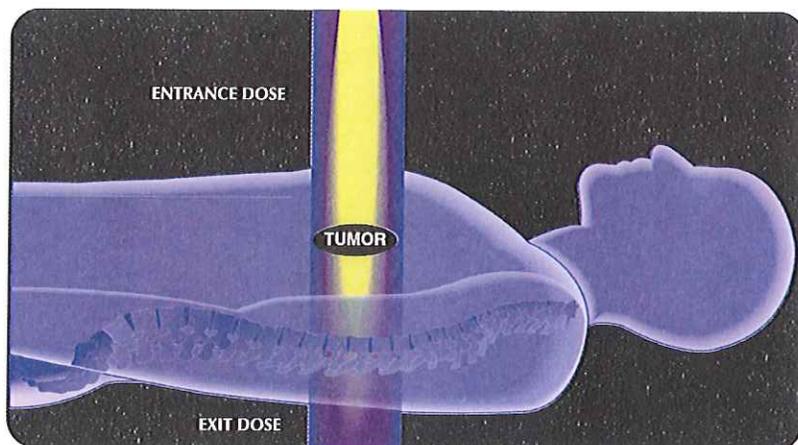
Deposits most energy before target and continues to deposit energy after target.

## TARGETED PROTON THERAPY

Deposits most energy on target and zero energy beyond target.

*"IT IS MY HOPE that people will see the value of this wonderful machine. Only the cancer is destroyed and leaves the adjacent tissue intact... We should do all we can to support it."*

Anna Alexander,  
Newport News, VA  
Husband's eye cancer cured by protons



## BENEFITS

- Proton therapy is widely recognized as the most effective external beam method in the selective destruction of cancer cells.
- Non-invasive
- Minimal side effects
- Most precise treatment, targeting only the tumor
- Healthy tissue around the tumor is spared.

## TREATMENT EXPERIENCE

- Treatments are completely painless.
- The actual radiation time is a matter of seconds.
- Patients receive outpatient treatment, with each appointment time being 15-30 minutes per day for five to eight weeks.



*"As long as I live, I WILL DO EVERYTHING I CAN TO SPREAD THE WORD about proton treatment. I received proton therapy for 1 minute and 35 seconds. I've never had a more pleasant treatment experience. The procedure was painless, and I experienced no side effects.*

*On August 27, 1999 I completed proton therapy. During my treatment, I was able to telecommute with my laptop computer and did not miss any work. Now home in Texas, I am enjoying the quality of life I hoped to maintain without incontinence or impotence."*

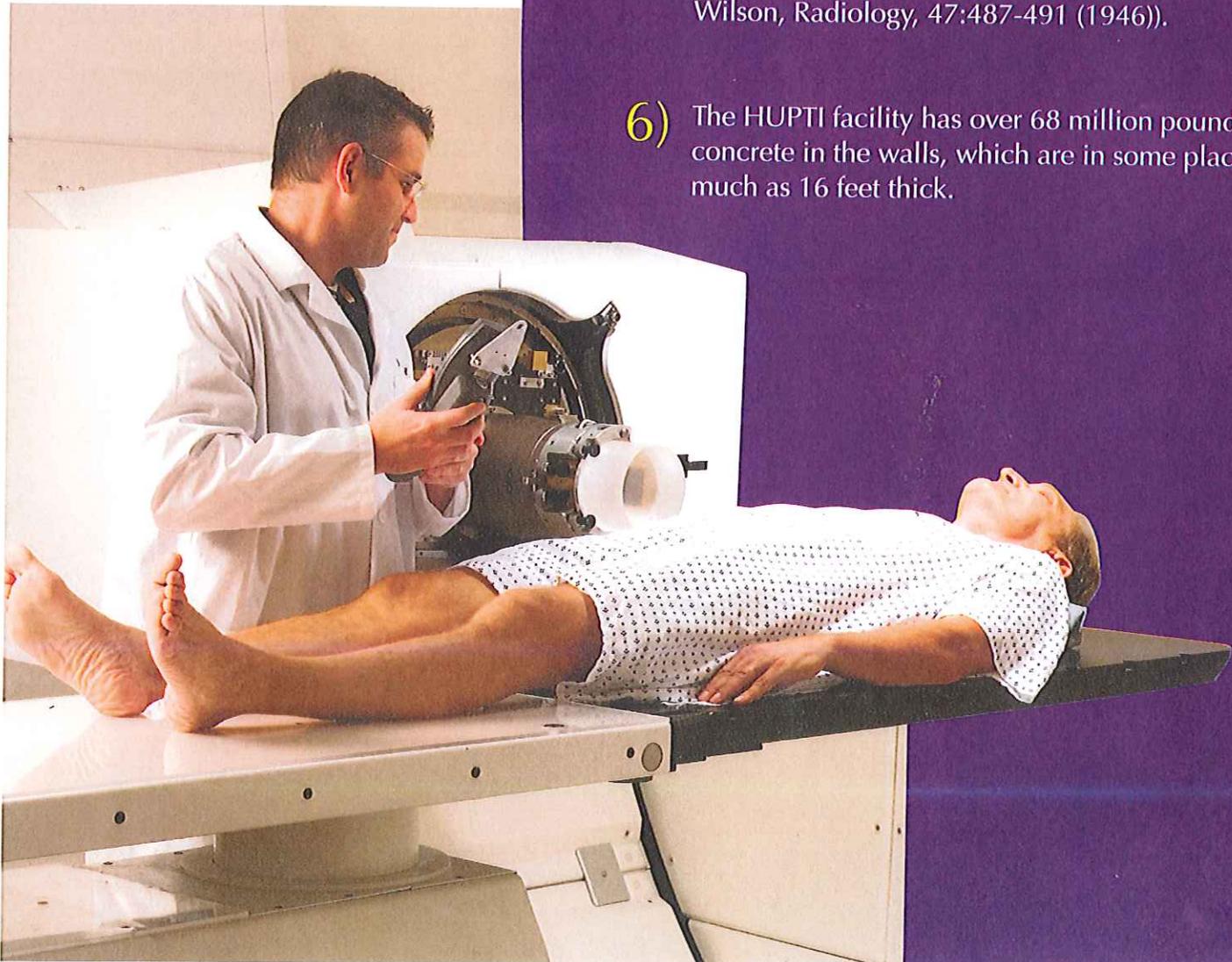
Colonel Retired Howard J. "Jim" Tuggey  
Trophy Club, Texas  
Former Proton Patient

# INTERESTING FACTS

*"I am thankful to Dr. Harvey and the Hampton University team. The City of Hampton donated the 5.5 acres of land for the center because it will be a tremendous investment for the city."*

Hampton Mayor Ross Kearney, II

- 1) The protons at HUPTI may be accelerated to nearly 60% of the speed of light, about 180,000 km/s, or over 402 million miles/hour.
- 2) The HUPTI treatment gantries weigh over 90 tons each.
- 3) More than 45,000 patients around the world have been treated with proton beam radiotherapy.
- 4) Currently, approximately 500 patients are being treated daily in the United States.
- 5) Renowned scientist Robert R. Wilson first suggested the use of protons for treating cancer in his 1946 paper "Radiological Use of Fast Protons" (R. R. Wilson, Radiology, 47:487-491 (1946)).
- 6) The HUPTI facility has over 68 million pounds of concrete in the walls, which are in some places as much as 16 feet thick.



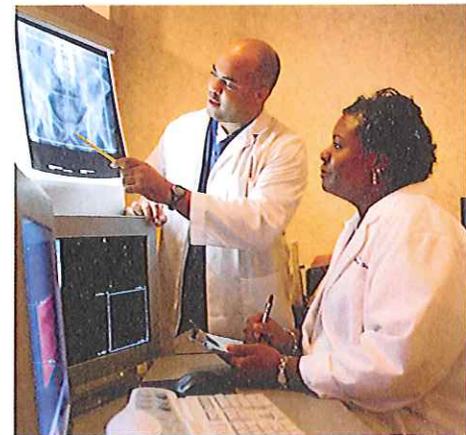
# FREQUENTLY ASKED QUESTIONS

## WHAT TREATMENTS ARE AVAILABLE FOR CANCER?

The three basic treatments for all cancers are surgery, chemotherapy and radiation therapy. Which of these treatments should be used is determined through a complex evaluation of the tumor type, the stage, the patient's age and medical condition, and the goals and desires of the patient and family. Not all cancers can be cured, but the quality of life can be improved for most patients by the appropriate application of these three treatments.

## WHY SHOULD I RECEIVE PROTON THERAPY RATHER THAN REGULAR RADIATION?

Regular radiation, regardless of the source, be it a linear accelerator, an implanted radioactive source or one of the new computer guided robotic machines typically deliver x-rays. X-rays, when pointed at the human body, will almost immediately begin to deposit energy. As they move deeper they give up more and more of their energy hitting a peak then gradually tailing off until they exit the opposite side of the body. Radiation damage may be caused throughout this long path. Protons are an entirely different form of radiation from x-rays and they have a very different effect within the human body. Protons pass through the initial layers of tissue depositing little of their energy. But at a programmed depth protons will very quickly give up all of their energy and stop. There is no exit dose and much less normal tissue is affected. For almost any cancer in any part of the body there will be a tissue-sparing advantage with protons compared to x-rays.



*"The proton radiotherapy center will house some of the*  
**MOST ADVANCED CANCER FIGHTING**  
**TECHNOLOGY IN THE WORLD.**

*The Hampton University Proton Therapy Institute,  
in partnership with our collaborators, will insure that  
Hampton Roads is at the forefront of cancer care and  
technology development for years to come."*

Dr. Cynthia Keppel  
Scientific and Technical Director, HUPTI

## WHAT ARE THE SIDE EFFECTS OF PROTON THERAPY?

The side effects of proton treatment will depend on the part of your body being treated and the size and type of cancer involved. In general, fewer side effects and less severe side effects can be expected with protons compared to standard x-rays. A detailed evaluation at our center is required to see if the advantages of protons are large enough to warrant treatment at our facility.

## DO I HAVE TO HAVE A REFERRAL FROM MY LOCAL DOCTOR TO BE CONSIDERED FOR TREATMENT?

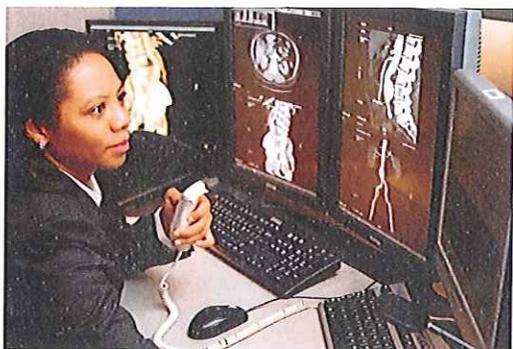
No. You can schedule an appointment to see us at any time and we are always available by telephone. Our doctors will speak to you directly. If you are uncomfortable about asking for a second opinion because you fear your local doctor will be insulted, don't be. All good oncologists encourage second opinions and will be pleased to communicate with both you and your physician as you make your crucial treatment decisions.

## WILL THE PROTONS MAKE ME RADIOACTIVE?

No.

## I LIVE HUNDREDS OF MILES FROM HUPTI. WHERE WILL I STAY DURING TREATMENT? WHAT ABOUT MY FAMILY?

Lodging arrangements have been considered a high priority since day one of our planning for this center. Hampton Roads has two international airports and numerous local hotels and on site facilities will be available. HUPTI is located in a beautiful setting convenient to shopping, entertainment, the seaside, and historic attractions. Don't underestimate the importance of



these amenities during your treatment. For the most part, our patients feel quite well during therapy. Participation in local activities can go a long way to dispelling the fear and anxiety that go along with cancer treatment.

## HOW CAN I GET MORE INFORMATION ON PROTONS AND HUPTI?

For additional information, please call 877-251-6838 or email HUPTI at [INFO@HAMPTONPROTON.ORG](mailto:INFO@HAMPTONPROTON.ORG).



*"MY EXPERIENCE HAS BEEN NOTHING SHORT OF PHENOMENAL. The treatments are short, lasting less than one hour, total time. I have had little or no pain or no discomfort during or after any of my treatments. I have had no side effects or adverse conditions or reactions of any kind. I would highly recommend proton cancer therapy to anyone with prostate cancer."*

Ben Morgan  
Clearwater, Florida  
Proton Therapy Patient

# HUPTI IS A LEADER IN INNOVATIVE HEALTHCARE

- ◆ The largest proton therapy institute in the world
- ◆ The only proton therapy cancer treatment center in Virginia
- ◆ The first proton center nationally to provide proton-specific medical career training at a variety of levels from radiation therapist to M.D./PhD.
- ◆ Additional beam-line dedicated to scientific research

## HISTORY

The first suggestion that energetic protons could provide an effective cancer treatment was made by renowned scientist Robert R. Wilson in a paper published in 1946. The first treatments were performed at particle accelerators built for nuclear physics research, such as the Harvard Cyclotron Laboratory. The first hospital based proton treatment center in the United States was built in 1990 at Loma Linda University Medical Center in Loma Linda, California. This was followed by the Northeast Proton Therapy Center at the Massachusetts General Hospital and the Midwest Proton Radiotherapy Institute at Indiana University.

Today, cancer treatment with proton therapy is on the rise. There are five currently-operating centers in the United States, and at least eight more in the planning, design and construction phases. Of these, the Hampton University Proton Therapy Institute (HUPTI) will be the largest and most advanced.

HUPTI began in 2005 as a vision of Dr. William R. Harvey after hearing of this exciting cancer treatment modality from an alumnus. Several months after President Harvey initiated the process for establishing the proton center, he selected Dr. Keppel as the first member of the team appointed to investigate and evaluate Hampton's ability and interest in establishing a proton center in Virginia. The committee recognized quickly that the unique combination of expertise needed for such a project existed at Hampton — an outstanding physics department with both a graduate medical physics program and strong ties to the nearby Thomas Jefferson National Accelerator Facility, a longstanding relationship with the local cancer treatment community in Hampton Roads, a history of successful scientific and other large project management, and the combination of vision and know-how to make it all happen. Today, it is happening. The groundbreaking was held July 2007, and the HUPTI doors are expected to open to patients in 2010.

Vendor selection  
Architectural Rendering

2006



Equipment installation  
begins

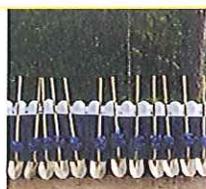
2009



2011

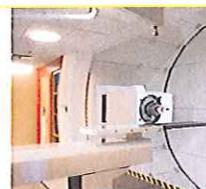
All treatment rooms  
available, facility fully  
complete

2007



Groundbreaking

2010



First patient treated



*“The university’s ability to make this vision a reality is inspirational for the entire radiation oncology community.*

*IBA is proud to be associated with such a prestigious institution and to partner with Hampton in its mission to improve cancer patient outcomes. It is very clear that this will be the **LARGEST, MOST EQUIPPED AND THE MOST BEAUTIFUL PROTON THERAPY FACILITY** in the world.”*

Bernt Nordin,  
President, IBA Particle Therapy, Inc.



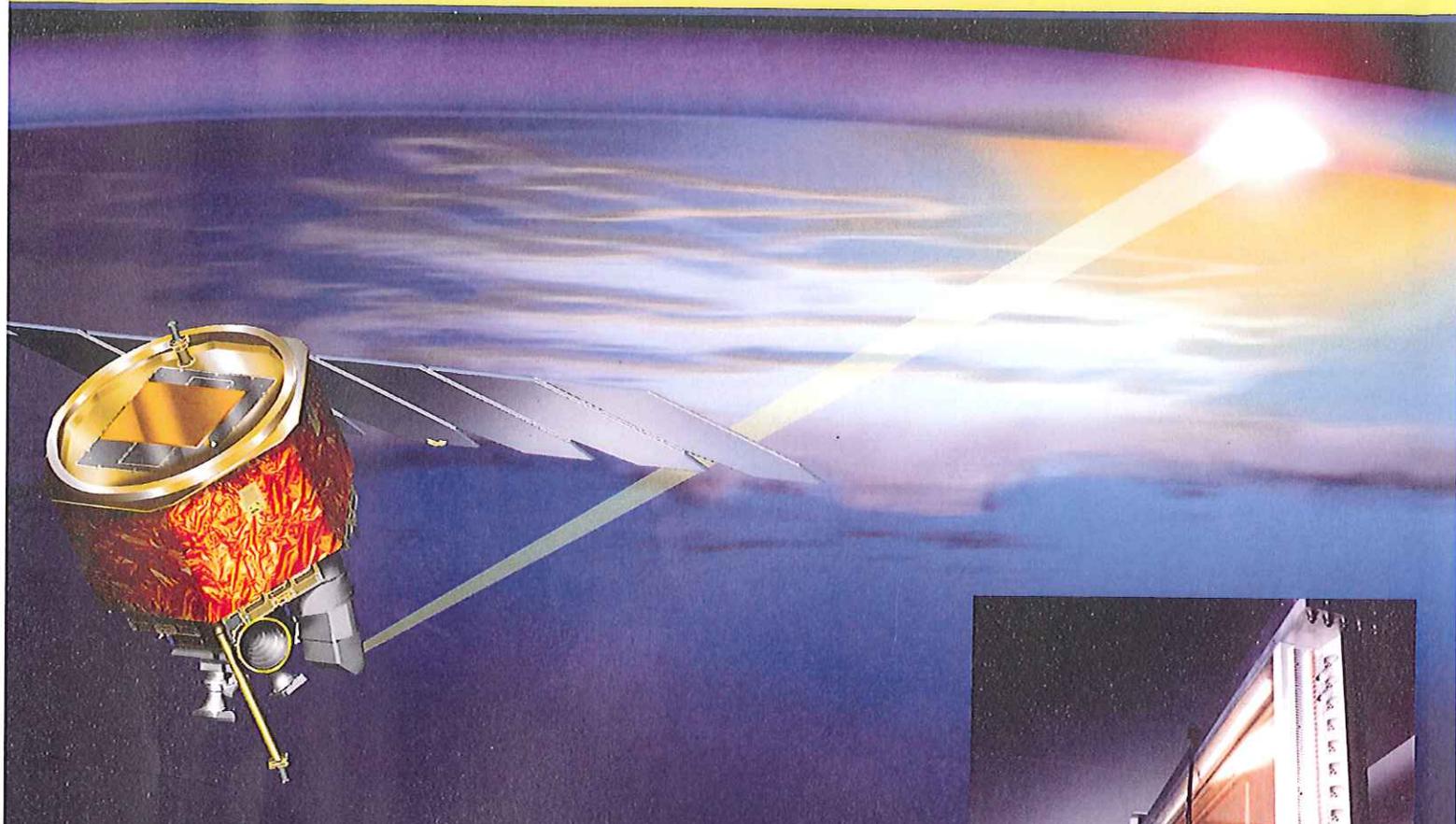
## FACILITY FACTS

- ➔ \$225M state-of-the-art research and treatment center
- ➔ 98,000 sq ft
- ➔ Total of five treatment rooms
  - ➔ 4 Gantry rooms
  - ➔ 1 Fixed beam room
- ➔ Will treat over 2,000 patients per year
- ➔ 65% prostate cancer treatments
- ➔ Remaining 35% includes breast, lung, pediatric, and other cancers

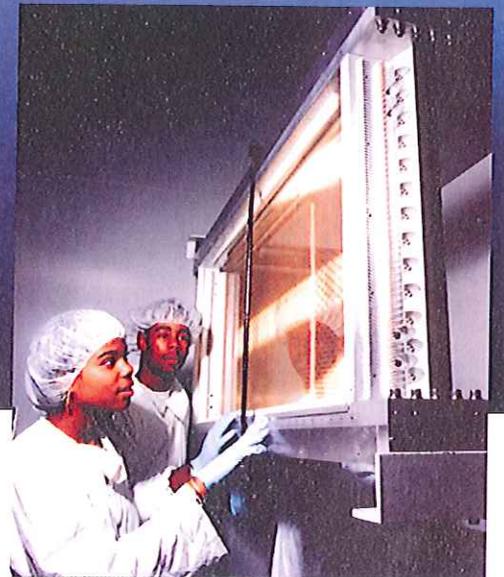
## ECONOMIC IMPACT

	CONSTRUCTION	START-UP OPERATION	FULL OPERATION
Cost of Building	\$50 million		
Employment	2,000	57	127
Employee Compensation	\$12 million	over \$2.6 million	over \$5.1 million





# ABOUT HU PHYSICS



- ➔ First Medical Physics program in the State of Virginia, only one nationally at an Historically Black College or University
- ➔ Houses Center for Advanced Medical Instrumentation, home to multiple patented cancer-fighting technologies
- ➔ Has successfully launched satellites and is the only Historically Black College or University to lead a NASA mission. The latest satellite venture was a \$140 million effort
- ➔ HU's Physics Frontier Center was one of the first four funded out of 50 proposals nationally
- ➔ Four joint faculty with the nearby Thomas Jefferson National Accelerator Facility, lead institution on over 20 experiments at this Department of Energy research laboratory
- ➔ According to the American Institute of Physics, HU has doubled the number of doctorates awarded annually to African-Americans
- ➔ Over 70 peer-reviewed publications annually
- ➔ External research funding in 2006 exceeded \$19M

"In June 2007, Sky was diagnosed with an inoperable primitive neuro ectodermal brain tumor which was wrapped around her cerebral artery, making it too risky to operate. The doctors were able to surgically remove 25% of the tumor for the biopsy results revealing that it was indeed a PNET brain tumor. After hearing of the long-term side effects regular photon radiation would have on Sky diminishing her quality of life, we researched and found proton therapy.

## PROTON THERAPY WAS A WONDERFUL OPTION TO HAVE AND IT WAS WONDERFUL FOR SKY.

We were very happy with the treatment process. The only side effects that Sky ever experienced were redness of the skin where treatments were given and a sore throat when they radiated the top of her spine causing minor irritation for a couple of days. We are also very happy to announce that Sky's tumor has shrunk more than 50%."

Jennifer Lightfoot  
Mother of 5 year old Sky  
Chesapeake, Virginia



*"In November 2007, I began to lose eyesight in my right eye due to a recurrence of an inoperable brain tumor. By January 2008, I was completely blind in my right eye and faced losing vision in my left eye.*

*After diligent research, heartfelt communication and divine intervention, I was quickly scheduled for proton therapy treatment. My doctors did not have much hope for me regaining my eyesight, but saving my vision in my left eye was their goal.*

*Miraculously, after the second of twenty-eight treatments, I saw light. A week later, I saw motion. A week after that, I saw colors. After completing my twenty-eight treatments, I regained 100% of my sight back, with minor fatigue as my only side effect during the treatments.*

## PROTON THERAPY WAS MY ONLY OPTION AND IT HAS SAVED MY QUALITY OF LIFE.

*Through "unbreakable faith" and proton therapy, I have 100% sight in both eyes, a spared pituitary gland (so I am able to have children in the future) and a memory center that is as sharp as a tack."*

Rianta Wimberly  
HU Class of 1999  
Upper Marlboro, MD



*“There’s nothing experimental about proton therapy. I have worked with cancer treatment for the past 20 years as a radiation oncologist and THE BENEFITS ARE CLEAR AND INDISPUTABLE.”*

Dr. Christopher Sinesi

It is with great excitement and hope for the future of cancer patients, not just in our area but across the country, that I join President William R. Harvey and Hampton University in an historic effort in healthcare, the Hampton University Proton Therapy Institute. Hampton University has the extraordinary expertise in nuclear physics that is necessary to bring this technology to fruition.

My partners and I at Oncology Associates of Virginia have delivered high quality radiation treatments to cancer patients throughout southeastern Virginia and northeastern North Carolina for the last 20 years. Our group, named best in Virginia by Hampton Roads Magazine, is pleased to provide physician services for HUPTI. We will draw on the deep well of experience within our own doctors, while bringing in new doctors from

across the country with special interest and expertise in proton treatment.

Proton therapy centers offer a number of clear advantages for cancer treatment, but because of the complexity of the equipment, the extraordinary size of the building and radiation shielding, they are also quite costly. In fact, they are far too expensive for most cities and medical centers to handle. However, thanks to the vision and perseverance of Dr. Harvey, the driving force behind the center since its inception, Hampton Roads will soon join a small, elite group of cities that offers this vitally important cancer therapy.

*Christopher Sinesi, MD  
Medical Director, HUPTI*

# GIFTING OPPORTUNITIES

Join Hampton University in the fight against cancer. Gifts and pledges may be designated for facilities, equipment or endowments that will support clinicians, graduate fellows and students. Private support is needed in the following areas:

## NAMING OPPORTUNITIES

Name of Center	\$25 million
Entire Building Name	\$10 million
Gantry Treatment Room	\$2 million each
Fixed Beam Treatment Room	\$1 million
Research Beam Line	\$1 million
Atrium	\$1 million
Medical Imaging Center	\$500,000
Pediatric Anesthesia Recovery Room	\$500,000
Conference Room	\$300,000
Library	\$200,000
Medical Director's Office	\$100,000
Children's Playroom	\$100,000
Healing Garden (2)	\$75,000
Physician Offices	\$75,000
Faculty Offices	\$50,000

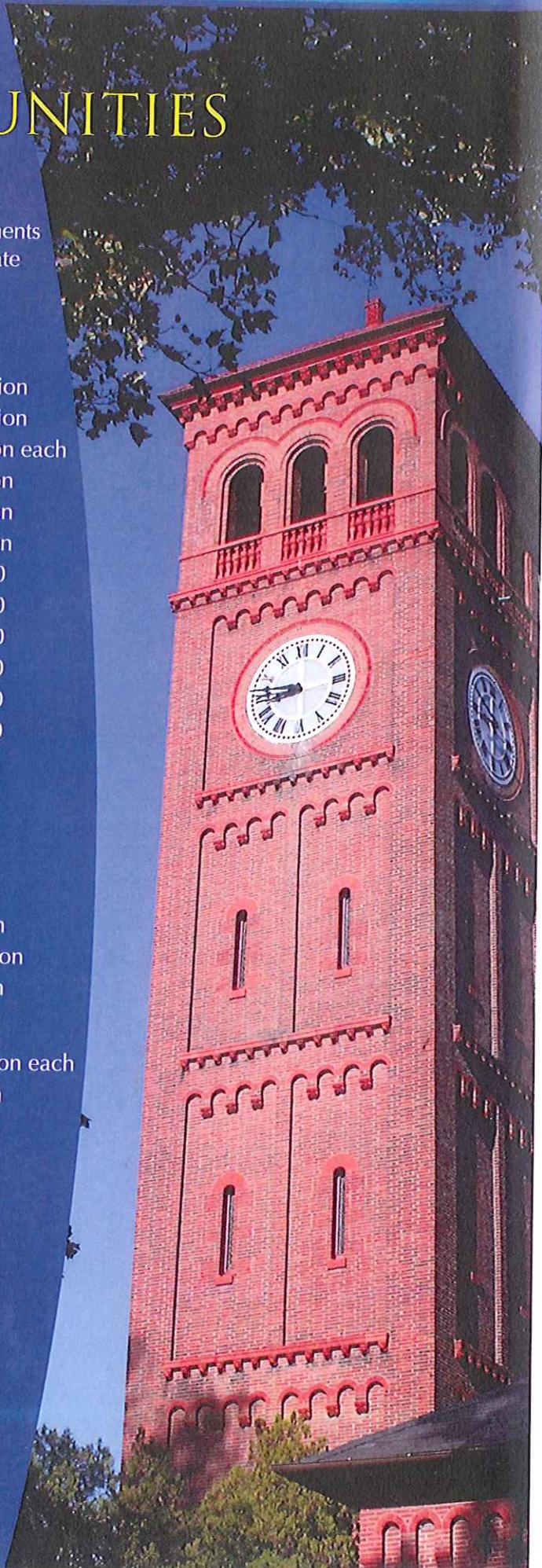
## ENDOWMENT OPPORTUNITIES

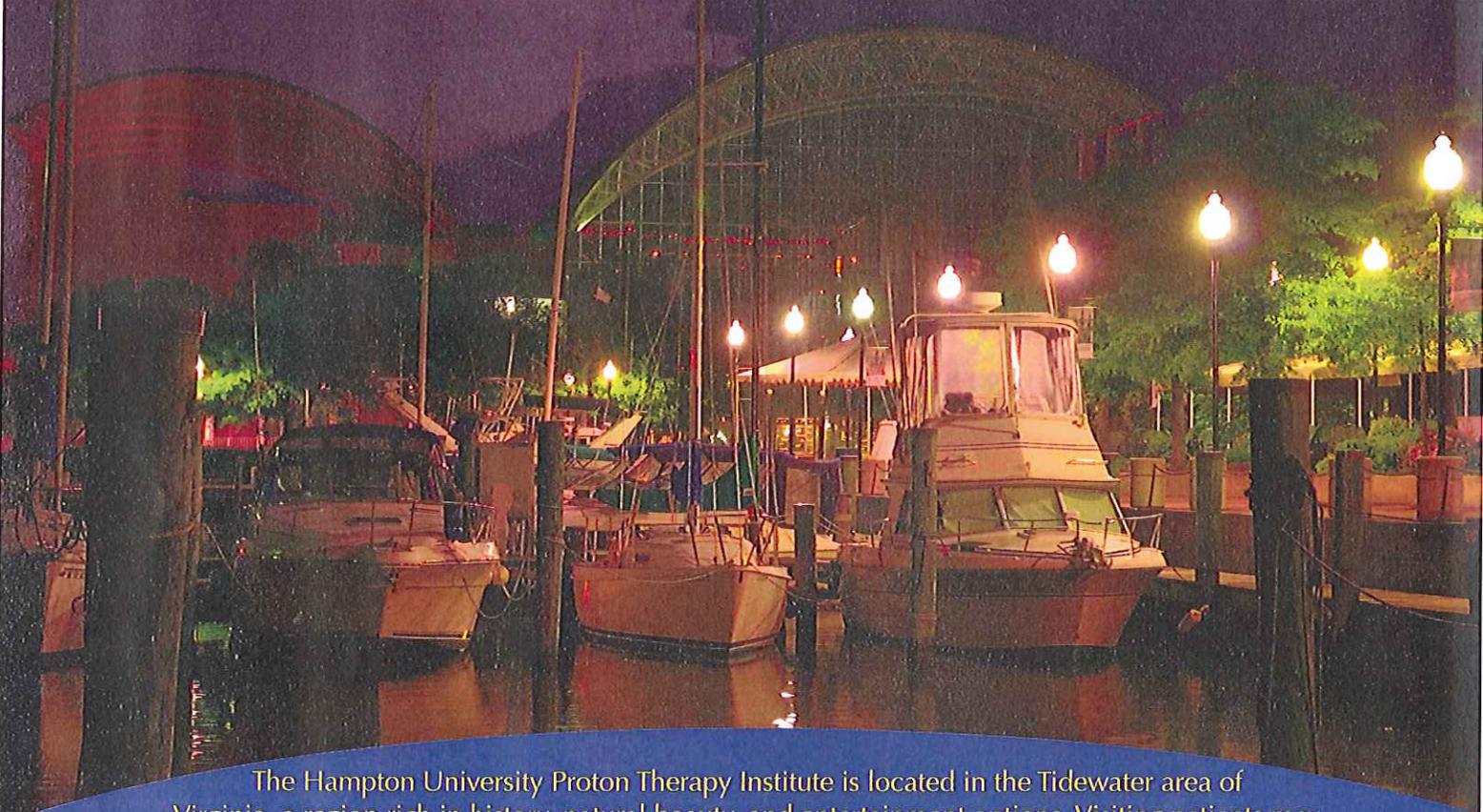
University Chair in Basic Research	\$2 million
Endowed Chair in Basic Research	\$1.5 million
Basic Science Fund	\$1 million
Endowed Professorship in Basic Research	\$600,000
Endowed Chair in Clinical Research (3)	\$1.5 million each
Clinical Research Fund	\$1 million
Endowed Professorship in Clinical Research	\$600,000

For these and other giving opportunities, contact:  
Hampton University, Office of Development,  
Hampton, VA 23668, 757-727-5356.

Gifts may be made in the following ways:

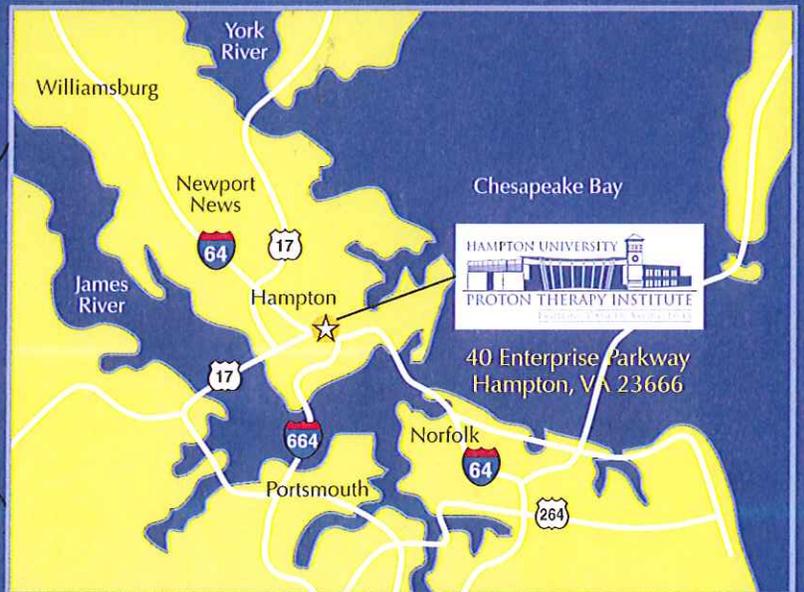
- Personal checks for gifts or payment on pledges
- Transfer of stocks, bonds and real estate
- Estate planning





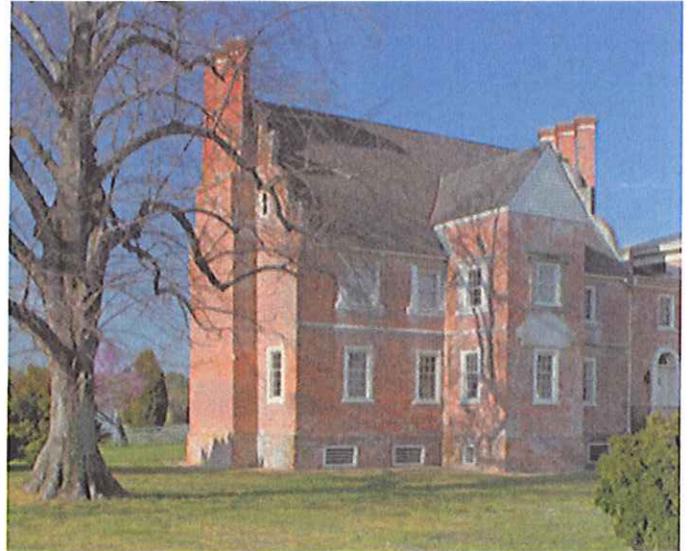
The Hampton University Proton Therapy Institute is located in the Tidewater area of Virginia, a region rich in history, natural beauty, and entertainment options. Visiting patients may experience history at Colonial Williamsburg, try a thrill ride at Busch Gardens, enjoy a sail on the Chesapeake Bay, or cruise the boardwalk at Virginia Beach — all without ever going more than about half an hour from HUPTI.

### Proton Therapy Facilities





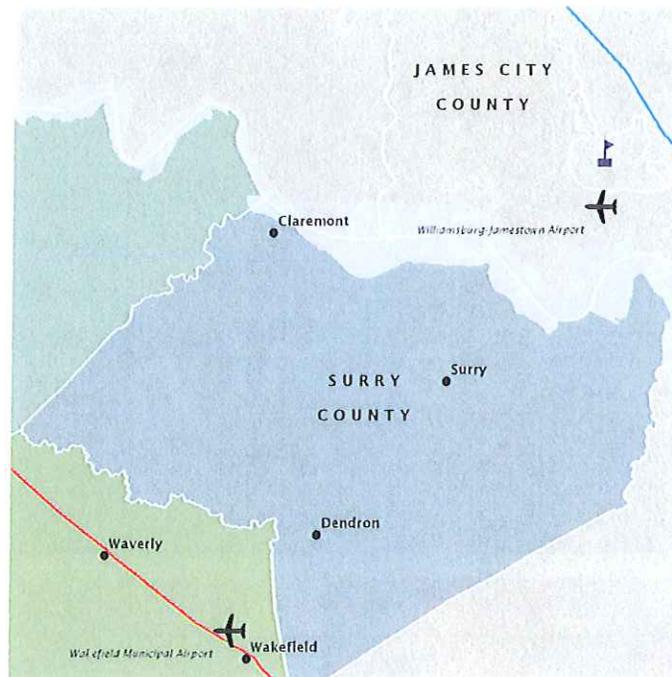
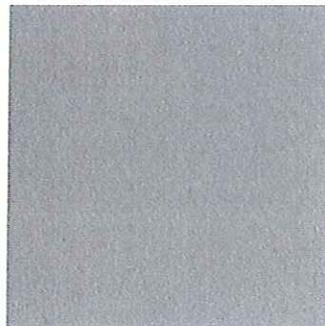
# Surry County



**VIRGINIA'S GATEWAY REGION**  
*Economic Development Organization*

## Regional Retail Analysis

Strategically located in southeastern Virginia, Surry County is 10 miles south of Colonial Williamsburg, 50 miles southeast of Richmond and 40 miles northwest of Norfolk—the perfect location for your next retail opportunity.



# Surry...

## location, location, location

Surry County is located in southeastern Virginia. The 279-square-mile county is bordered to the north by the James River. Despite offering a beautiful backdrop to the county, the river also serves as a natural retail boundary particularly for consumables such as groceries.

Located 50 miles southeast of Richmond, the state capital and 176 miles south of Washington DC, Surry County although rural is far from being "country". In fact, the county boasts close proximity to major military, naval and research centers. The customers are there; the retail offerings are yet to come. Current retail offerings are based in the city of

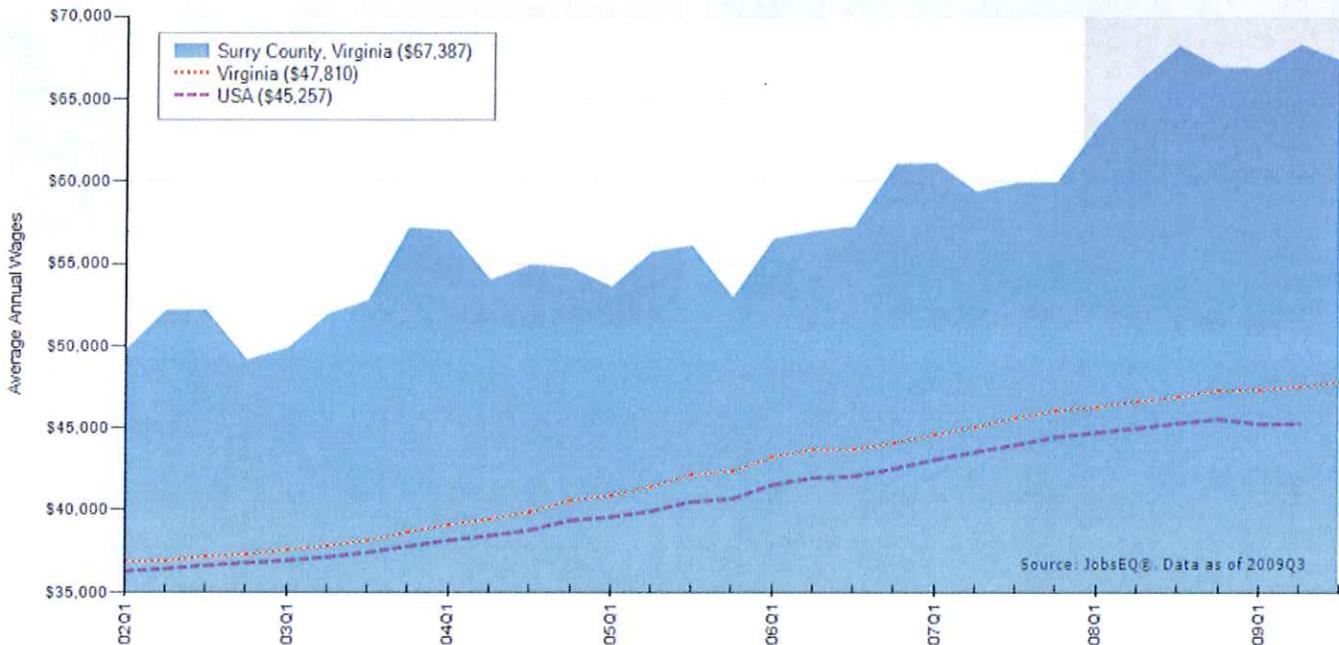
Colonial Heights, 30+ miles from the center of the county and in Williamsburg 10+ miles across the James River by ferry.

### County Quick Facts (2008): (US Census)

- ⇒ County Population: 7,128
- ⇒ Population Growth 4.4% (Since 2000)
- ⇒ Total In-Commuters: 1,357 (2000)
- ⇒ White Persons: 51.8%
- ⇒ Black Persons: 46.6%
- ⇒ Median Age: 41
- ⇒ Housing Units: 3,780
- ⇒ Households: 2,619 (2000)
- ⇒ Annual Ave. Salary: \$67,387 (2009)
- ⇒ Total Wages: 30.2m (2009)
- ⇒ Retail Sales: \$102,420,000 (2002)
- ⇒ Persons Per Square Mile: 24.5

# + Average Annual Wages: Surry County

*“Almost \$20,000 more than the Virginia average”*



*“Surry County is woefully underserved in the retail sector despite a relatively affluent population.”*

⇒ As the table indicates, the average wages in Surry County are consistently a **third higher** than the **Virginia average** and **higher** still than the **US average**.

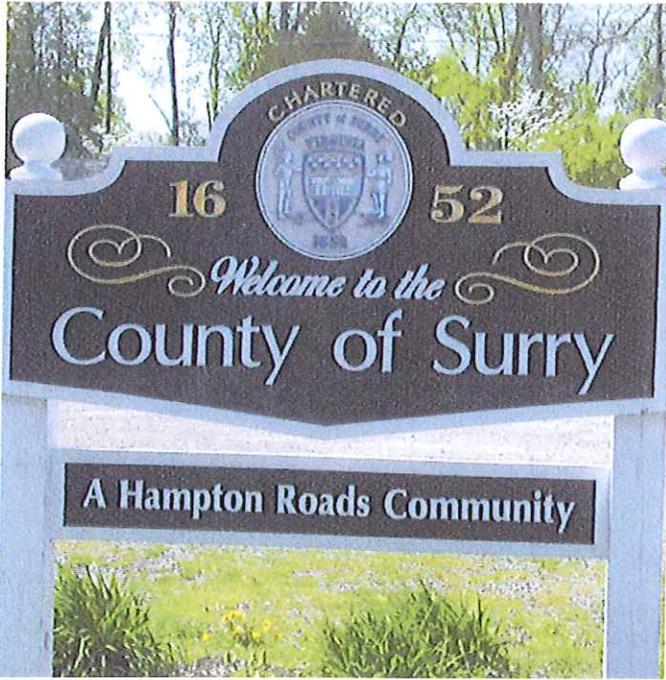
⇒ Almost **300 businesses** operate in the county, with a **10% increase in employment** in the county since 2000.

⇒ In **2009**, Total Wages for the county exceeded **\$30.2 million**

⇒ In **2008**, retail sales in the county exceeded **\$10.4 million**.

⇒ Great potential exists within the county with **retail sales per capita** approximately a tenth of the Virginia state average **\$1,471 versus \$11,069**

Source: US Census



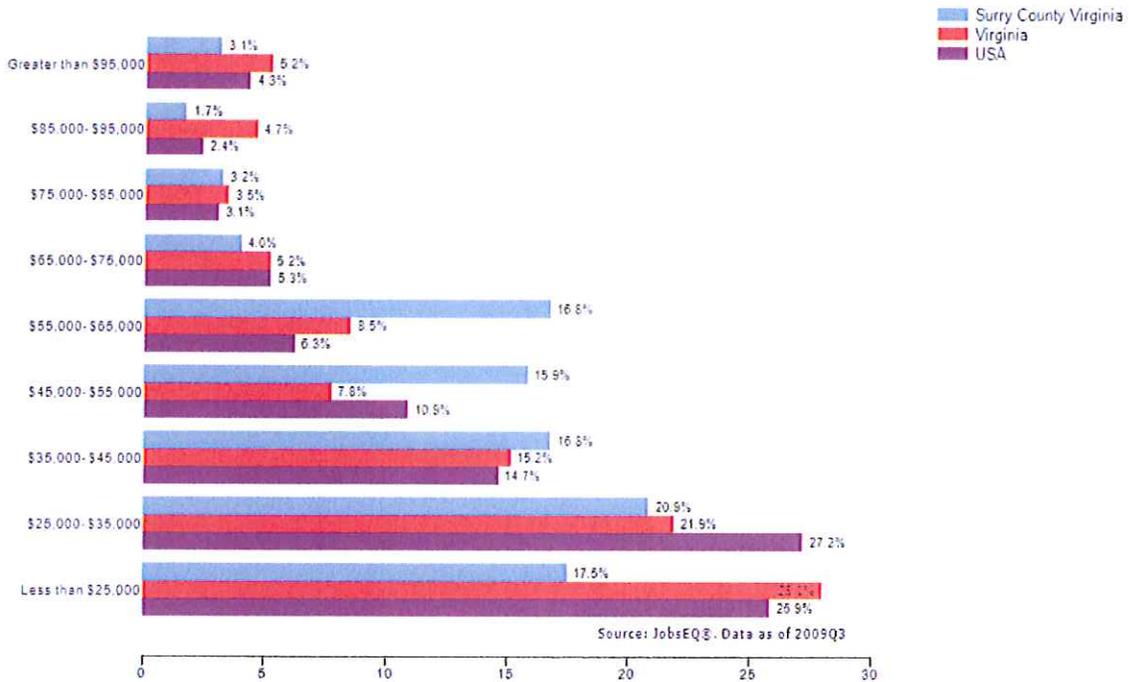
*"\$30.2 million  
in total wages  
for the  
county"  
2009Q3*

*"Twice as  
many middle  
income  
employees"*



# Wage Distribution

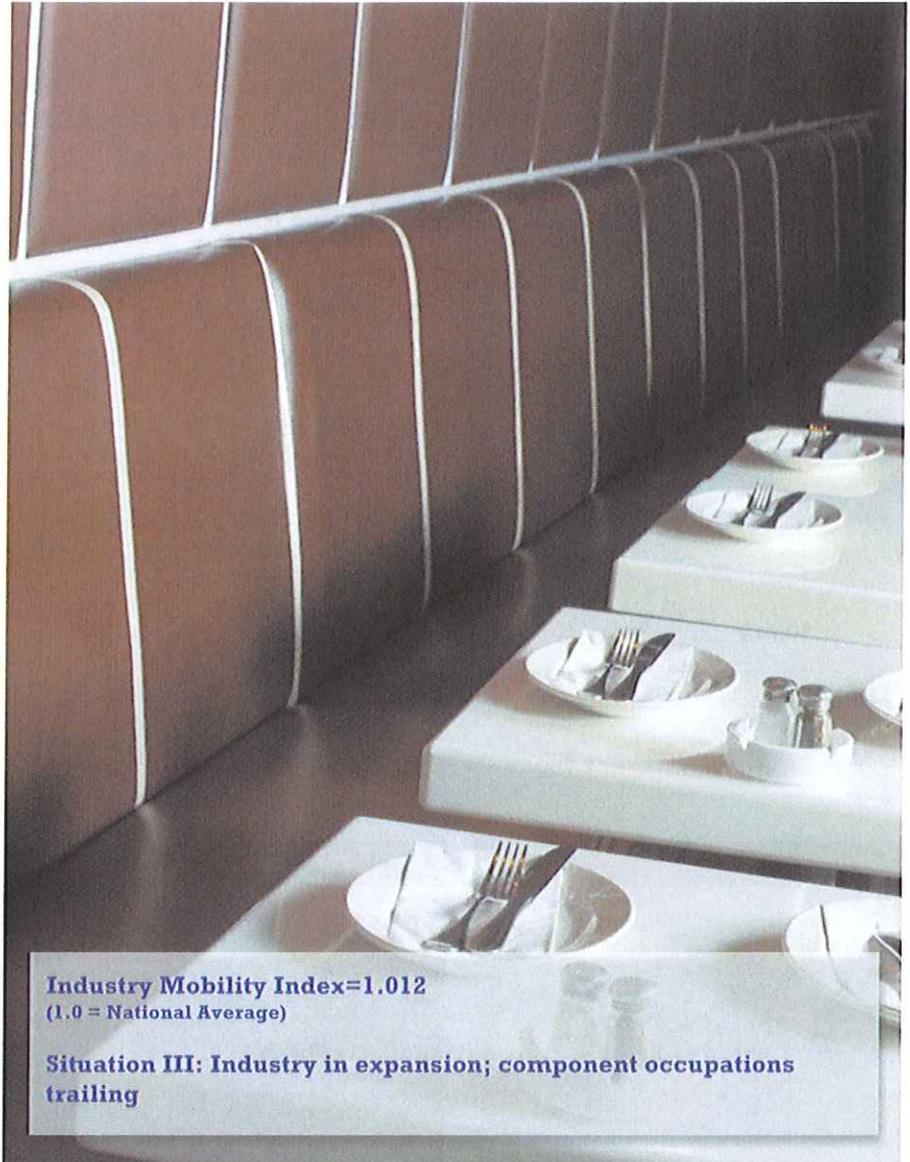
## Percent Employed in Surry County





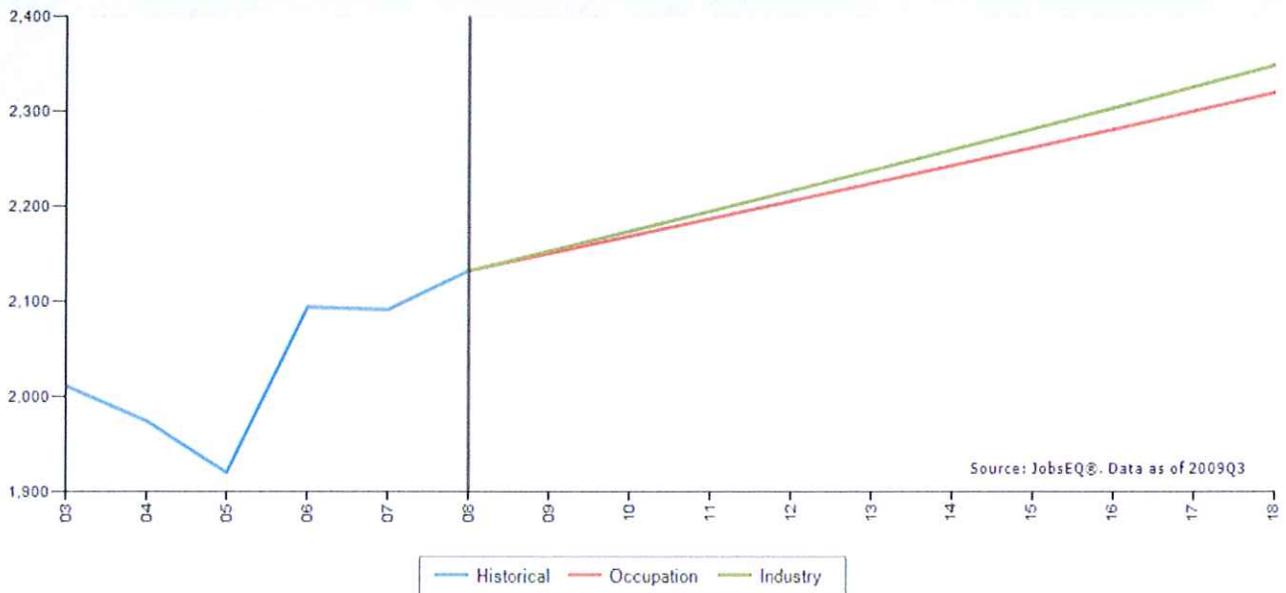
# Mobility Index for Surry County

In an occupation drill-down, mobility (m) is the Regional Mobility Index Number, a relative measure of occupation mobility in the county versus the nation. As the line graph shows below the aggregate of all industries is in expansion in the county, with that growth anticipated to continue through 2018, followed closely by accompanying occupations. These figures demonstrate a prime market for an increased retail presence in the county.



**Industry Mobility Index=1.012**  
(1.0 = National Average)

**Situation III: Industry in expansion; component occupations trailing**

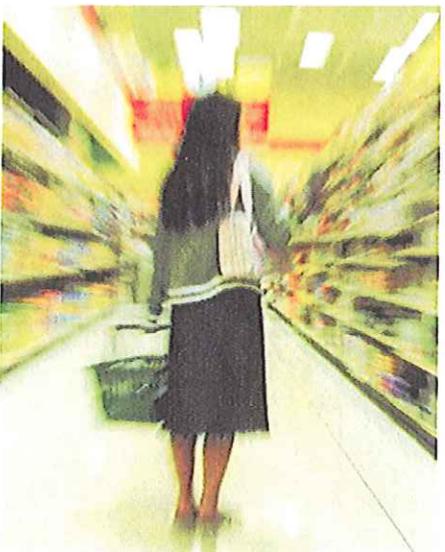




# Snapshot of the Retail Trade in Surry County

Industry	Four Quarters Ending with 2009q3			Total Employment Change 2004q3-2009q3
	Employment	Avg. Annual Wages	Location Quotient	Employment
Retail Trade	35	\$19,290	0.14	-5
All Industries	2,148	\$67,387	1	172

Industry	Average Annual Percent Change in Employment 2004q3-2009q3			Projected Change in Employment 2009q3-2014q3
	Surry County	Virginia	USA	Avg. Annual Percent
Retail Trade	-2.7%	-0.5%	-0.1%	0.4%
All Industries	1.7%	0.6%	0.6%	0.2%



### Wages & the Location Quotient

As the first table demonstrates employment within the retail sector is relatively small with low annual wages. Retail employment has only a 0.14 location quotient within the county

### Change in Employment

Employment in the retail trade sector in the county declined at a much faster rate than the aggregate of all industries pointing to a retail gap.

### Projected Growth

Although small, employment growth in the retail sector is anticipated to be double that of the aggregate of all other industries in the county.

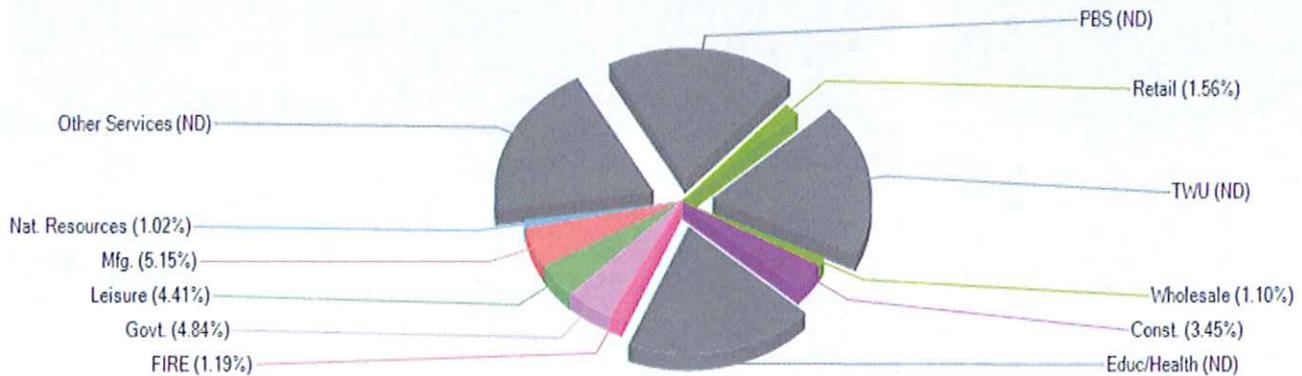
Source: JobsEQ®. Data as of 2009 Q3



# Labor Inventory for Surry County

Labor Inventory shows the composition of a region's workforce plus detailed occupation information e.g.:

- percentage of workforce by industry
- percentage of workforce by firm size
- percentage of workforce by industry and given firm size

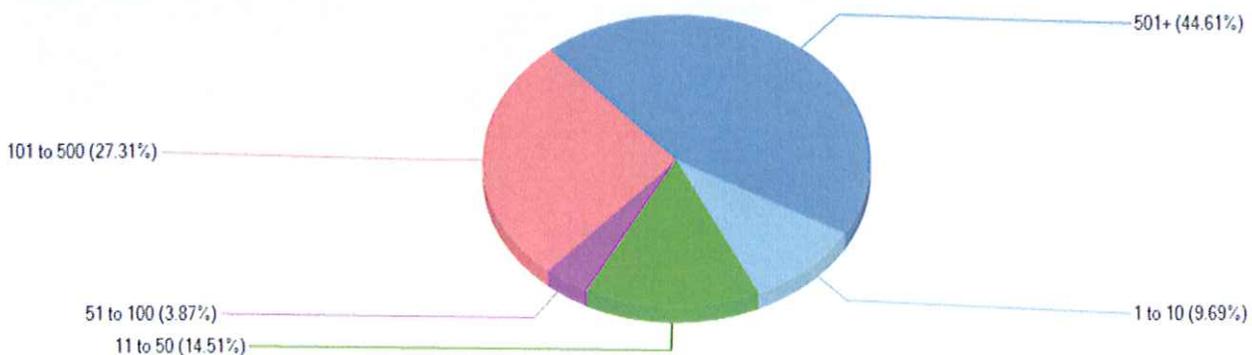


Source: JobsEQ®. Data as of 2009Q3

As the pie chart above demonstrates, employment in the county is largely split within four sectors: Professional Business Services (PBS); Transportation/Warehousing/Utilities (TWU); Education/Health and Other Services. With the majority of employment within these four sectors, **retail only comprises 1.56% of total employment** in the county, further emphasizing the lack of retail services.

The majority of those employed in Surry County work for firms in excess of 101 people (71.92%)

## Labor Inventory by Firm Size (Surry County)

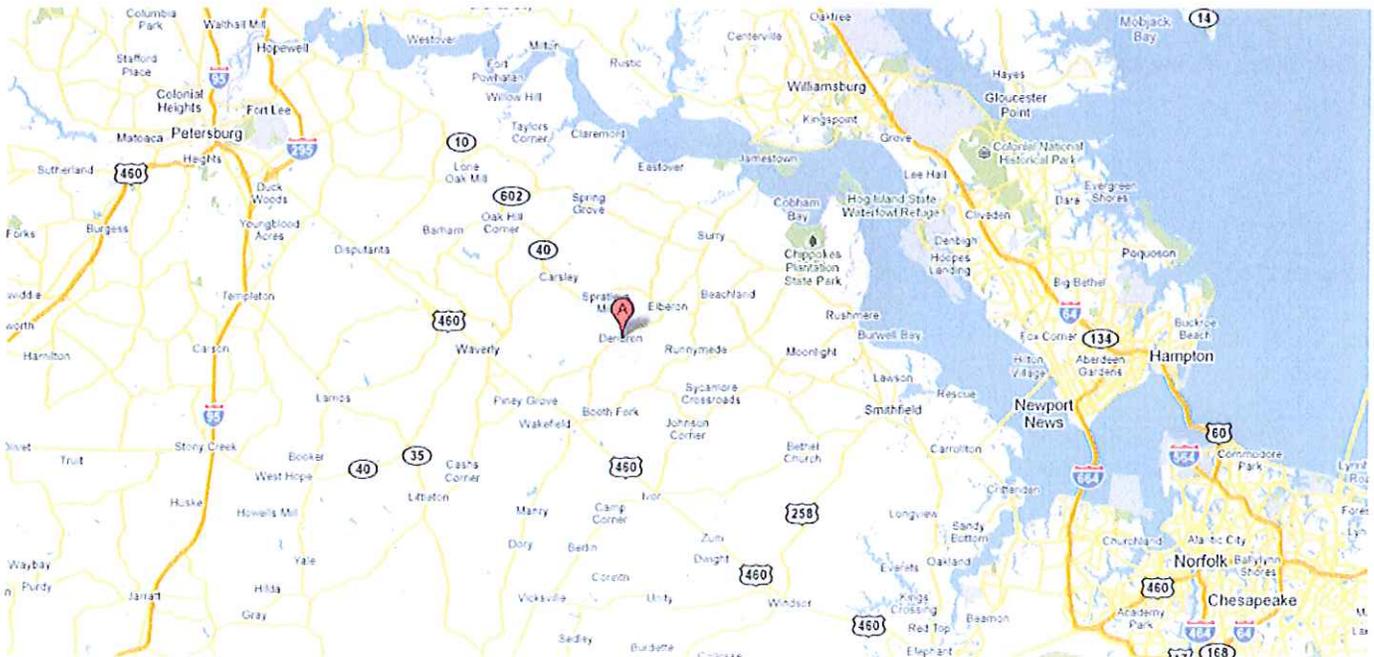


Source: JobsEQ®. Data as of 2009Q3

# Sites Available:

## Dendron Site

Situated in the heart of Surry County, the Dendron site offers the perspective retailer a cost-effective, 12-acre location ready for development. The county controlled site provides frontage on Route 31, Rolfe Highway and is minutes away from Route 460, a major thoroughfare through to the coast and the Port of Virginia. Furthermore, the site is within a mile of the proposed new Power Plant to be constructed in Dendron. With County ownership, the site can be transferred and fast-tracked to meet the strictest of deadlines.





+ Regional Data  
Virginia's Gateway Region





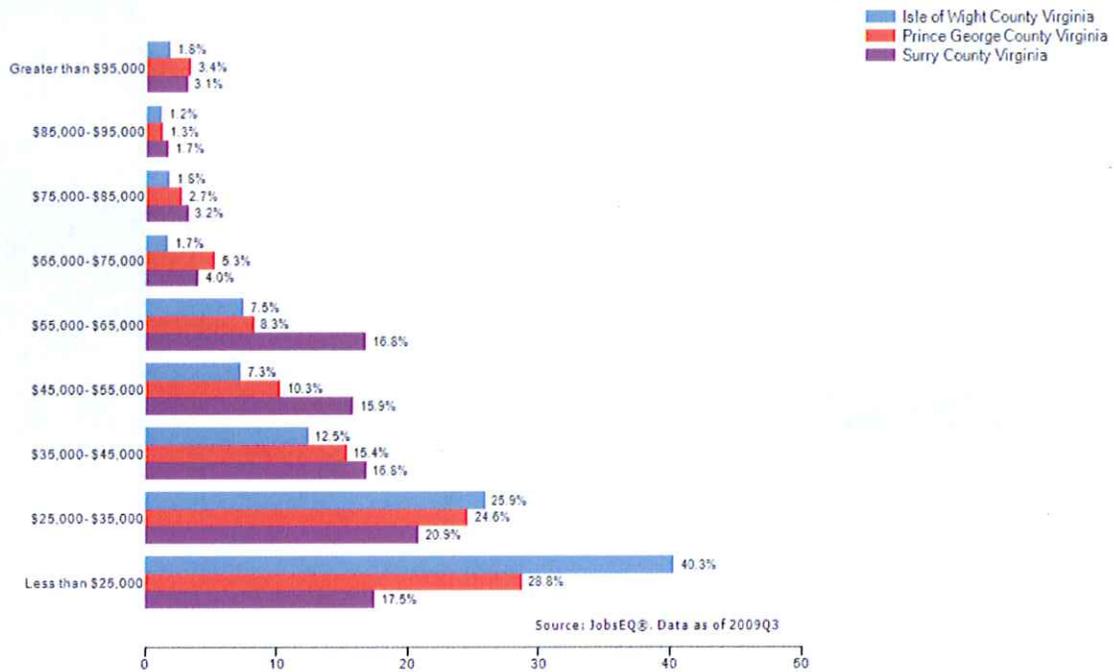




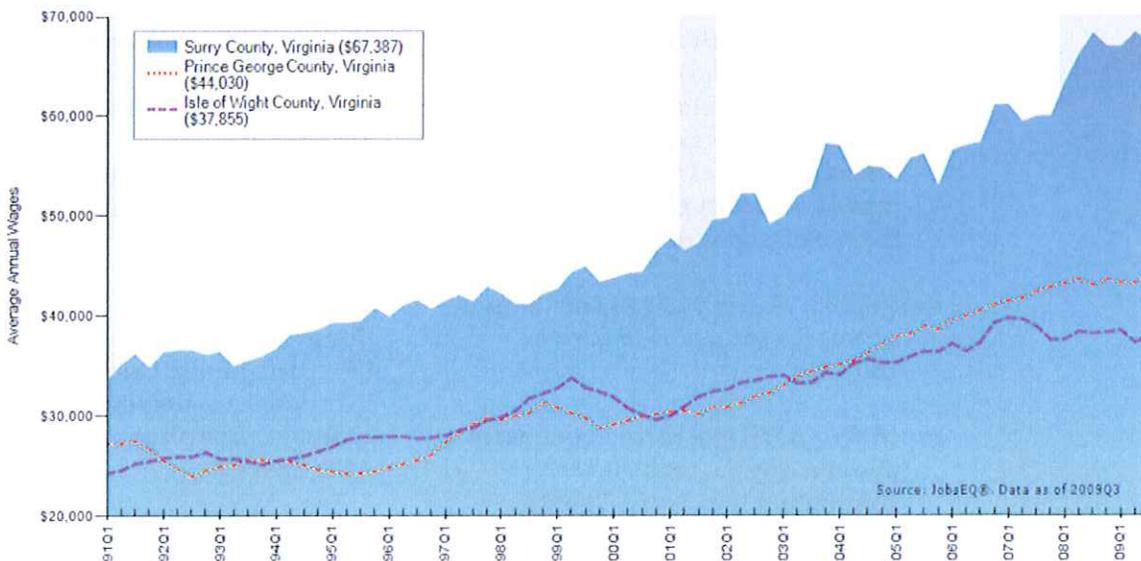
# Surrounding Counties Impacting Retail

## Prince George & Isle of Wight Counties

### Wage Distribution by Percent Employed



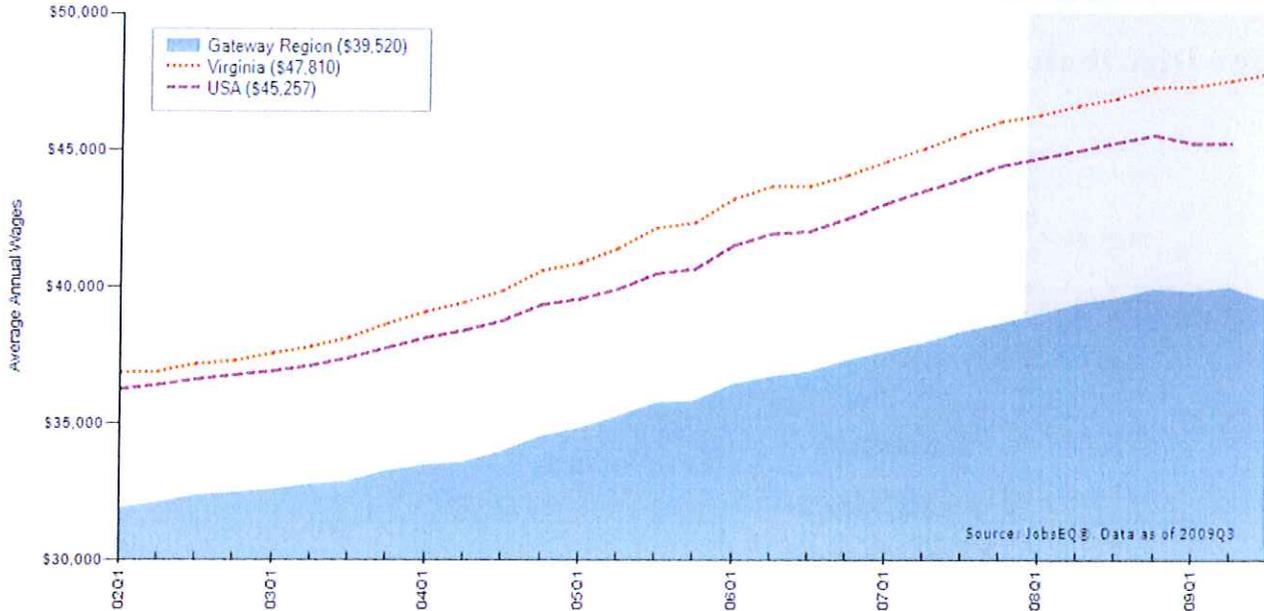
### Average Annual Wages





# Average Annual Wages: Virginia's Gateway Region

*“Regional  
annual wages  
are on par  
with the  
state”*

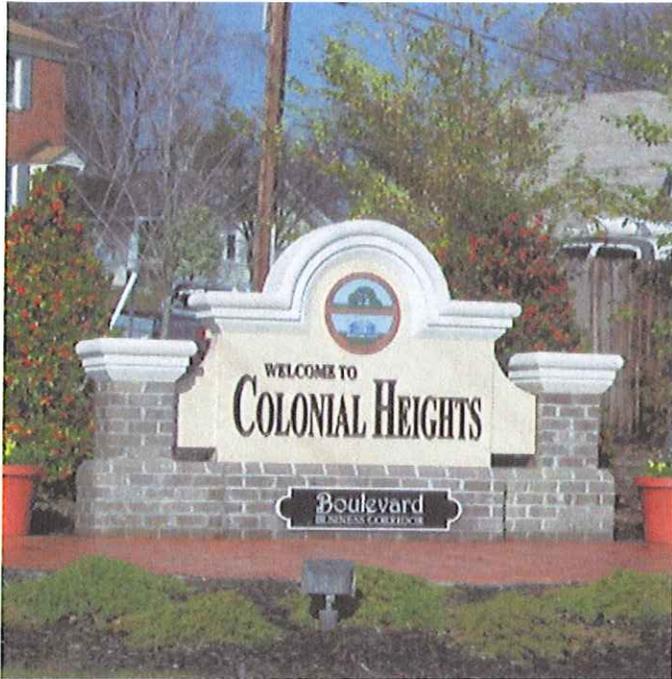


*“Average annual wages in the Gateway Region have proven resilient compared to other regions across the country.”*

- ⇒ As the table indicates, the aggregate of the average wages in the region is below the state average however, **regional average annual wages** have remained **constant** even through the most recent **recession**.
- ⇒ In 2008, Virginia's Gateway Region boasted a **labor force of over 750,000**.
- ⇒ 16.5% of the workforce commutes into the region, with 30.1% commuting into Surry County offering a great retail opportunity inside the county.

- ⇒ **Major employers in the region include:**
  - Ace Hardware Distribution
  - BI Chemicals
  - Boar's Head Provisions
  - E. I. DuPont de Nemours & Co.
  - Fort Lee Army Base
  - Georgia Pacific
  - Gerdau Ameristeel
  - Honeywell
  - UPS Distribution Center
  - Virginia State University
  - Wal-Mart Distribution
  - AND MORE....

Source: VGR Research



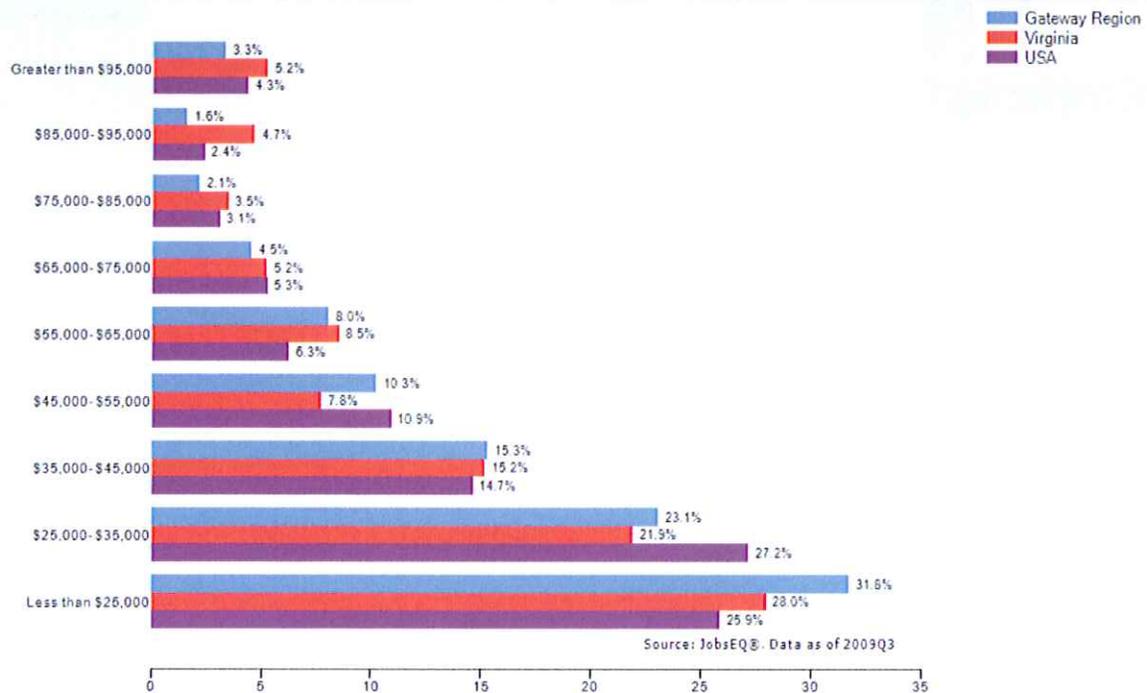
*“\$1.7 billion  
in total wages  
for the  
region”*  
2009Q3

*“More lower  
to middle  
income  
employees”*



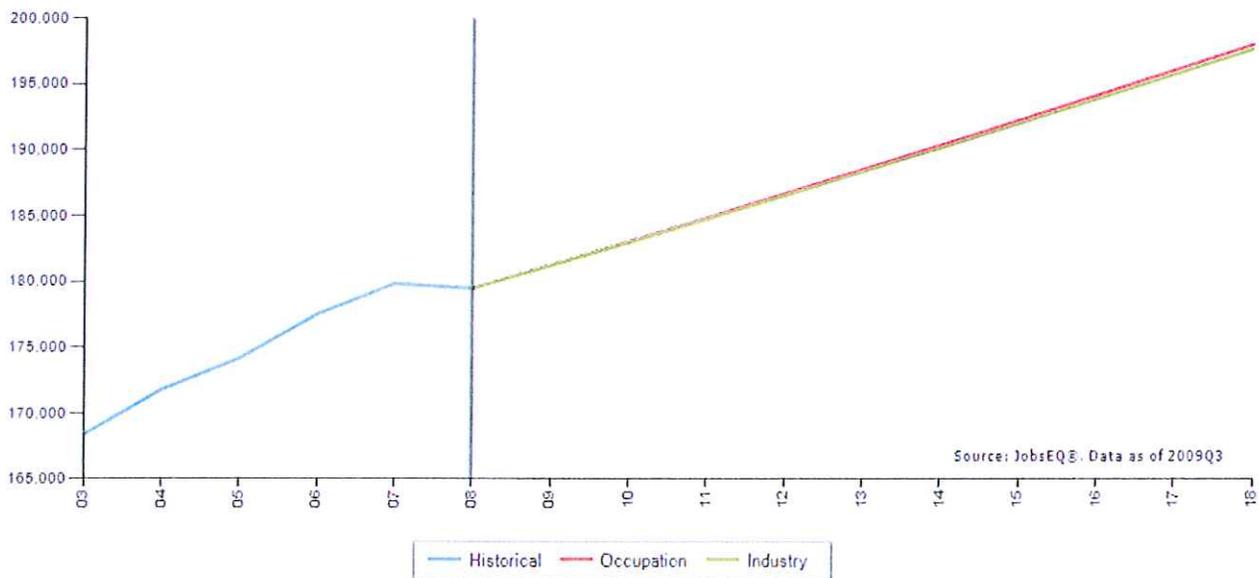
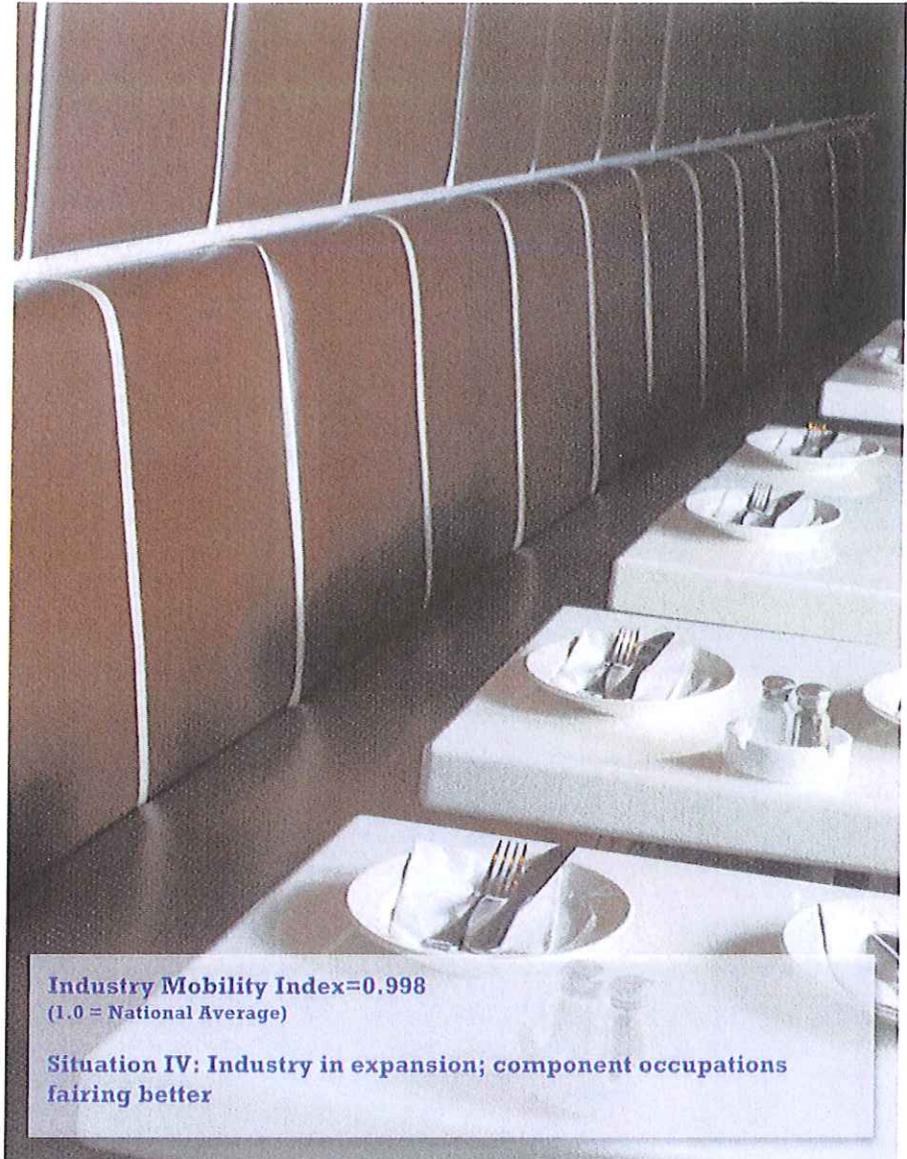
# Wage Distribution

## Percent Employed in the Gateway Region



# Mobility Index: Gateway Region

In an occupation drill-down, mobility (m) is the Regional Mobility Index Number, a relative measure of occupation mobility in the region versus the nation. As the line graph shows below the aggregate of all industries is in expansion in the region, with that growth anticipated to continue through 2018; component occupations are fairing moderately better. These figures demonstrate a prime market for an increased retail presence in the region.

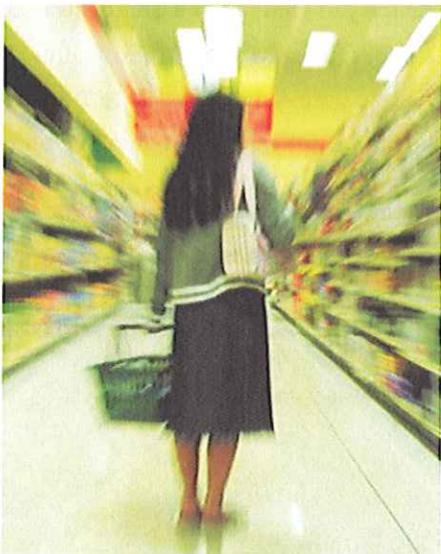




# Snapshot of the Retail Trade: Gateway Region

Industry	Four Quarters Ending with 2009q3			Total Employment Change 2004q3-2009q3
	Employment	Avg. Annual Wages	Location Quotient	Employment
Retail Trade	6,395	\$24,863	0.32	-19,920
All Industries	42,960	\$39,520	0.25	-127,967

Industry	Average Annual Percent Change in Employment 2004q3-2009q3			Projected Change in Employment 2009q3-2014q3
	Gateway Region	Virginia	USA	Avg. Annual Percent
Retail Trade	-24.6%	-0.5%	-0.1%	0.4%
All Industries	-24.1%	0.6%	0.6%	1.2%



## Wages & the Location Quotient

As the first table demonstrates employment within the retail sector is relatively small with low annual wages. Retail employment has only a 0.32 location quotient within the region.

## Change in Employment

Employment in the retail trade sector in the region declined at a much faster rate than the aggregate of all industries pointing to a retail gap.

## Projected Growth

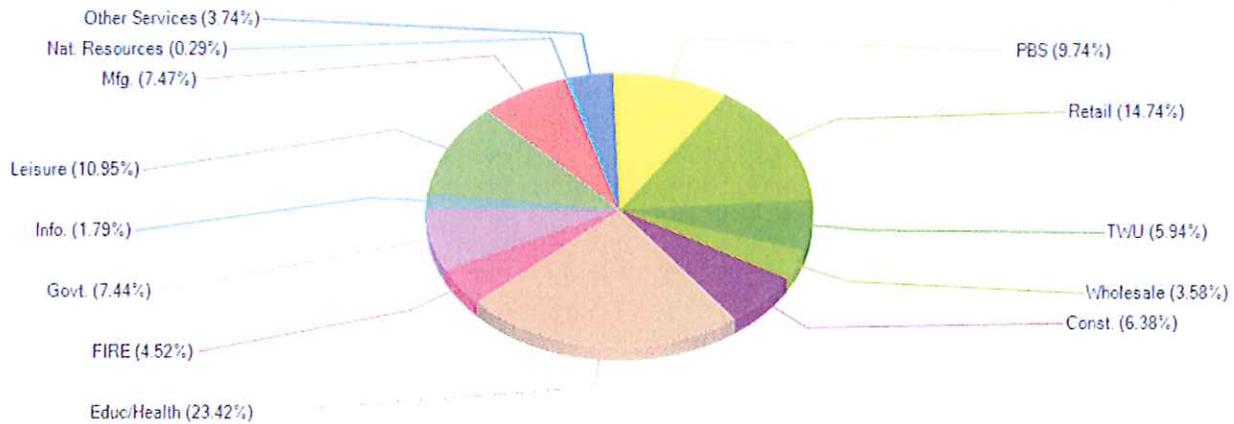
Although small, employment growth in the retail sector is anticipated to grow by .4% by the third quarter 2014, not taking into account significant regional and county growth drivers (see page 19).



# Labor Inventory for the Gateway Region

Labor Inventory shows the composition of a region's workforce plus detailed occupation information e.g.:

- percentage of workforce by industry
- percentage of workforce by firm size
- percentage of workforce by industry and given firm size

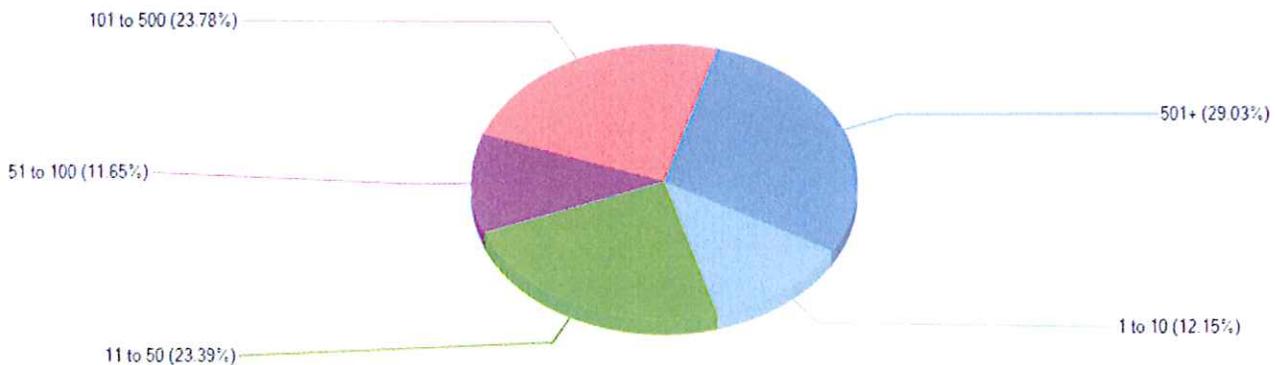


Source: JobsEQ®, Data as of 2009Q3

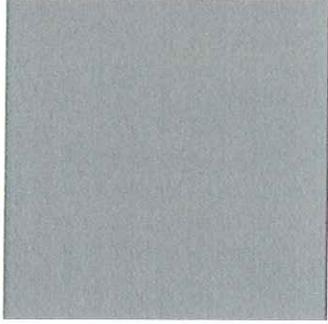
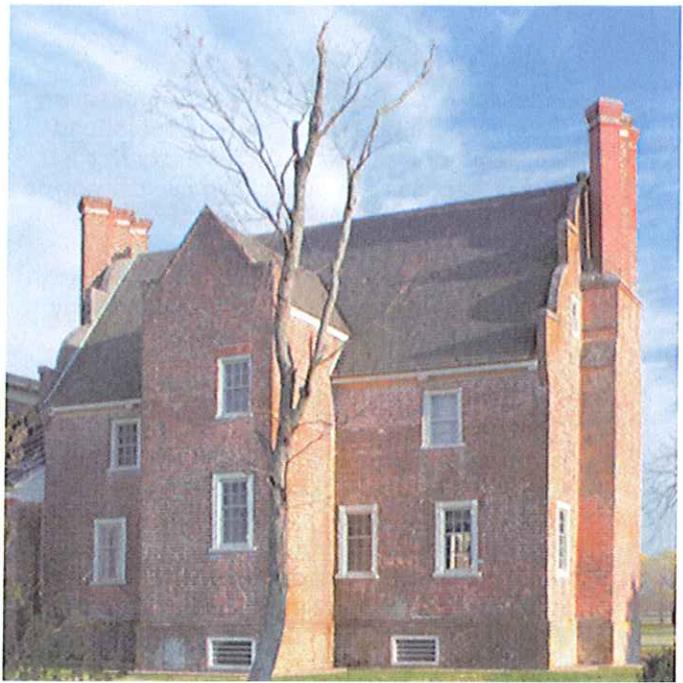
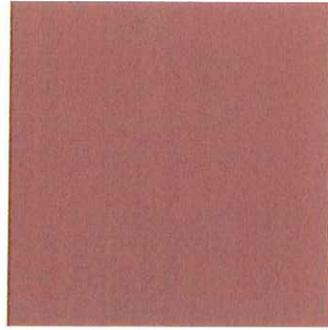
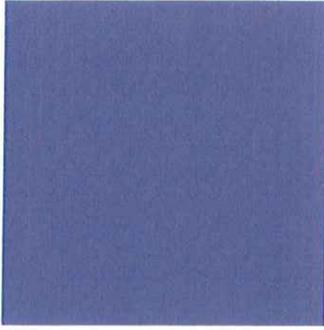
As the pie chart above demonstrates, employment in the Gateway Region is based largely in the following sectors: Leisure 10.95%; Education/Health 23.42%; Professional Business Services (PBS) 9.74% and Retail 14.74%. As you may recall from page 7, **retail only comprises 1.56% of total employment in Surry County**, thereby further emphasizing the huge retail gap in the county.

As shown in the pie graph below, labor inventory is spread fairly evenly across firm sizes in the region offering greater regional stability in employment.

## Labor Inventory by Firm Size (Gateway Region)



Source: JobsEQ®, Data as of 2009Q3



# Growth Opportunities

## Regional & County Drivers

The Gateway Region and Surry County are fortunate to boast drivers that will boost significant growth over the next 10 years.

### **FORT LEE:**

With the Base Realignment And Closure (BRAC) expansion, Fort Lee in neighboring Prince George County will become the global logistics nerve center for the entire US army. The installation is home to the Army Quartermasters, the Army's supply chain management, ordnance school, sustainment center, logistics university, and culinary school. Once the expansion is complete, Fort Lee will be the third largest army training facility in the country.

- ⇒ Additional **6,000** military personnel, spouses and children.
- ⇒ Influx of more than **5,000** civilian contractors and their families.
- ⇒ Approx. **200** temporary construction workers needed to complete building plans.
- ⇒ Estimated **\$1.9 billion** in military construction spending.
- ⇒ **Thousands** of new residential units.
- ⇒ Influx of **trailing spouses** looking for employment in the region.
- ⇒ **Daycare/childcare/school/and social services** for added population.

### **ROLLS-ROYCE:**

First announced in November 2007, the decision by Rolls-Royce to build their latest cutting-edge facility in the Gateway Region literally changed the entire landscape. The company's state-of-the-art production facility will utilize the very latest technology in the industry as the company builds upon its position as a world-leading supplier of power systems and services. The Rolls-Royce Crosspointe Center is based in neighboring Prince George County

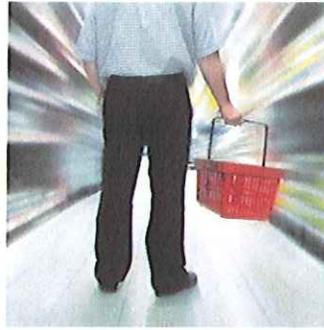
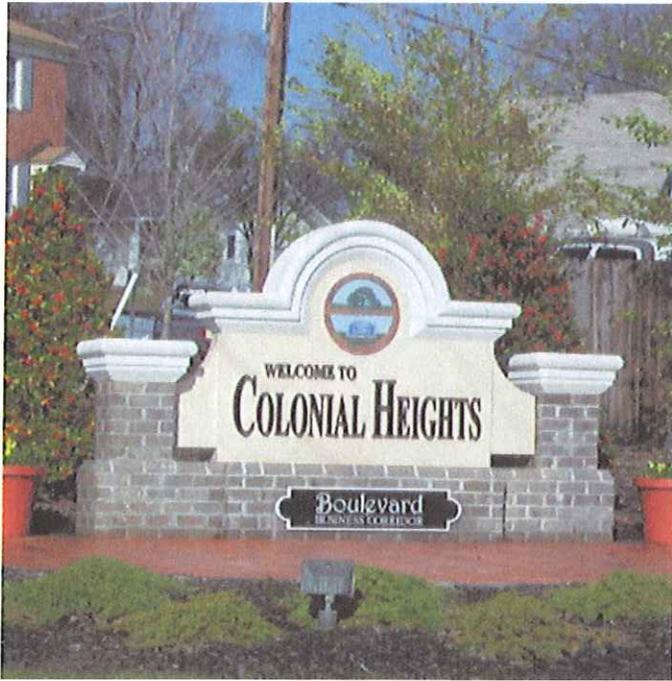
**SURRY COUNTY:**

Although rural, Surry County is fast becoming the energy capital for the region and indeed the Commonwealth of Virginia. Surry Nuclear Power Station is one of only two nuclear power plants that operate in the state. Clearly the presence of this power plant is a major source of revenue for Surry and partly contributes to the high average annual wages in the county (see page 3).

In addition to the nuclear power station, Surry County is also the location for a new, 2,000-acre coal-burning facility. With the construction of this facility an anticipated 200+ construction workers will temporarily live in the County for approximately 2-years. The new plant will also employ 200 permanent employees with an average annual wage of \$75,000.

Surry County continues to attract interest in the food and wood product manufacturing sectors, with special interest coming from companies interested in Biomass fuel production. Furthermore, Surry is one of the few areas in the region to attract large-scale manufacturing due to ready availability of land, which in turn will drive retail demand.





*“Nearest  
retail hub  
30+ miles  
away”*

*“Only Food  
Lion currently  
serves the  
area”*



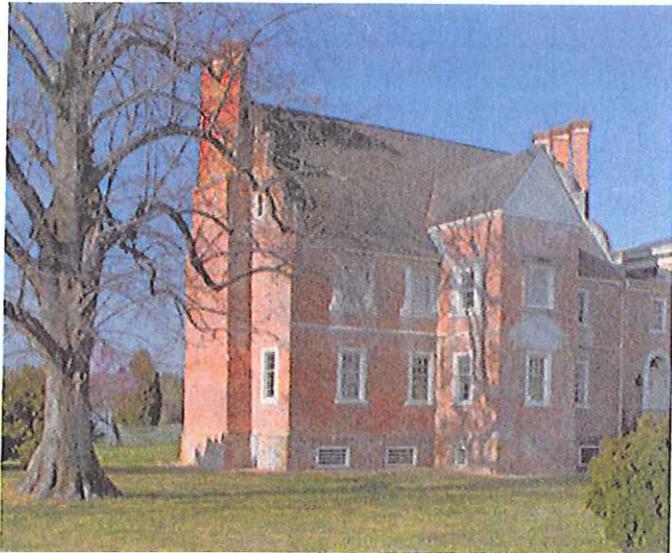
# Tri-Cities: Retail Hub

## Cities of Colonial Heights, Petersburg & Hopewell

The Tri-Cities in Virginia's Gateway Region represents the only major retail hub in the region and the last retail opportunity between Richmond and the North Carolina border. But even with this hub, demand for grocery stores is \$51 million higher than current demand according to a recent study, with this figure further increased by the growth at Fort Lee.

Currently, citizens of Surry County must either travel 30-40 miles north to reach this area or alternatively negotiate the James River via ferry or a distant bridge separating them from the retail opportunities in the Williamsburg area. While either of these options might be attractive for specialty goods, the same cannot be said for basics such as groceries. The only major grocery chain that currently serves the immediate area is **Food Lion with four locations**, accompanied by a handful of independent stores.

Surry County would benefit greatly from another grocery chain offering a broader selection of name-brand goods for a customer base that has twice as many middle-income employees. We believe the opportunity is there and we would invite you to explore Surry County for the best location possible to take advantage of this market.

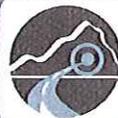


+

# Surry County



+



**VIRGINIA'S GATEWAY REGION**  
*Economic Development Organization*

## Surry County

Tyrone Franklin (County Administrator)  
PO Box 65  
Surry, VA 23883  
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