



# Response to Our Community: Health Efficiency Navigation Initiative (HENI)



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Virginia Rural Health Association  
Wednesday, November 14, 2018





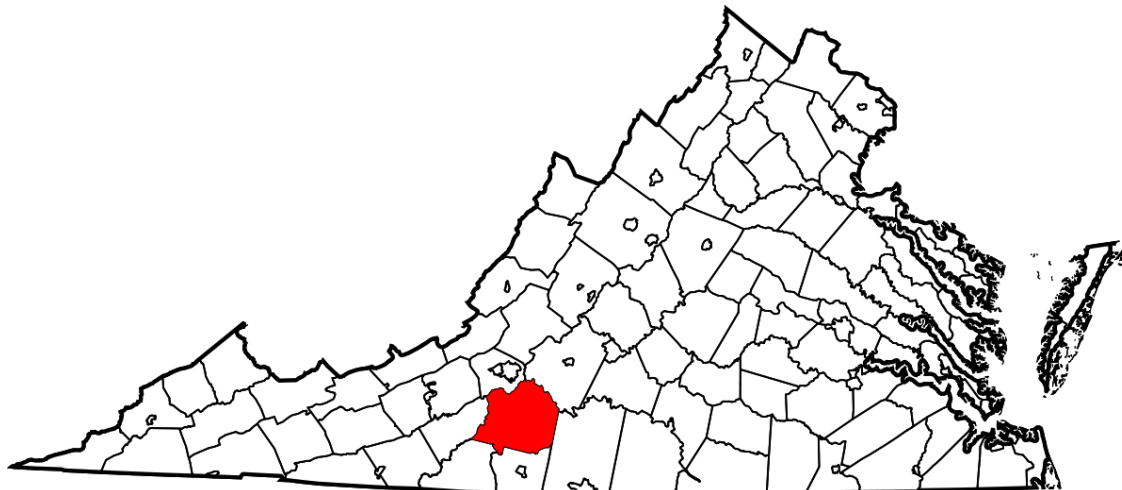
# What we'll do today

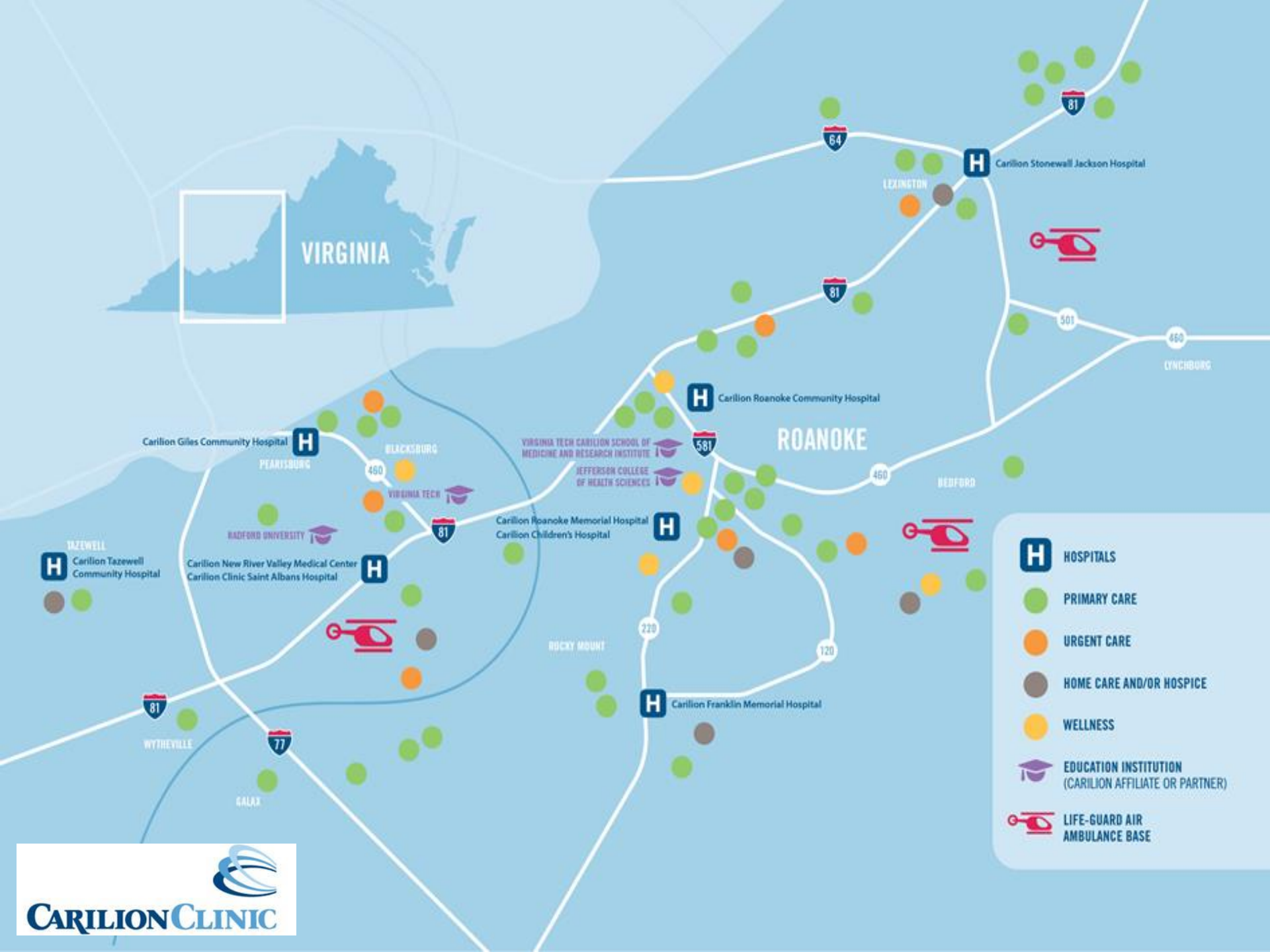
- Brief overview of us and our system
- Describe 4 steps in our response to community needs
  - **STEP 1:** Forming of the Healthcare Access Coalition and why
  - **STEP 2:** ED to Patient Centered Medical Home Project 2010-2011
  - **STEP 3:** January 2014: Health Efficiency Navigation Initiative (HENI)
  - **STEP 4:** What's Next? Access to Care and Health Coaching
- Answer any questions you may have



# About Carilion Franklin Memorial Hospital and Carilion Clinic

- 37-bed Acute Care “Tweeners” Facility
- 21,000 Emergency Department Visits per year
- 290 hospital employees
- Part of a 6-hospital, 900 physician “Clinic” system
- Sole community hospital in Franklin County, Virginia
- 5<sup>th</sup> largest county in Virginia geographically
- Primary Market population – about 56,000
- Primary & Secondary population – about 200,000





# Mission, Values, and Vision

## Our Mission

- Improve the health of the communities we serve

## Our Values

- **For Carilion Clinic:**
  - **CommUNITY:** Working in unison to serve our community, our Carilion family and our loved ones.
  - **Courage:** Doing what's right for our patients without question
  - **Commitment:** Unwavering in our quest for exceptional quality and service
  - **Compassion:** Putting heart into everything we do
  - **Curiosity:** Fostering creativity and innovation in our pursuit of excellence

## Our Vision

- We are committed to a common purpose of better patient care, better community health and lower cost.





# Step 1: Form Healthcare Access Coalition 2010



Let's **SBAR** it!

SBAR = Situation, Background,  
Assessment, Recommendation





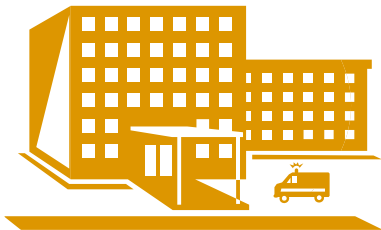
# Situation - 2010

- Rapidly rising uncompensated care
- Rapidly rising healthcare costs
- Overutilization of services
- Cuts to Medicaid and Medicare
- Uncoordinated care among the uninsured, Medicaid, Medicare
- At CFMH, 62% of uncompensated care came through Emergency Services
- Only 17% of ED uncompensated care was primary care – Waiting too long for treatment

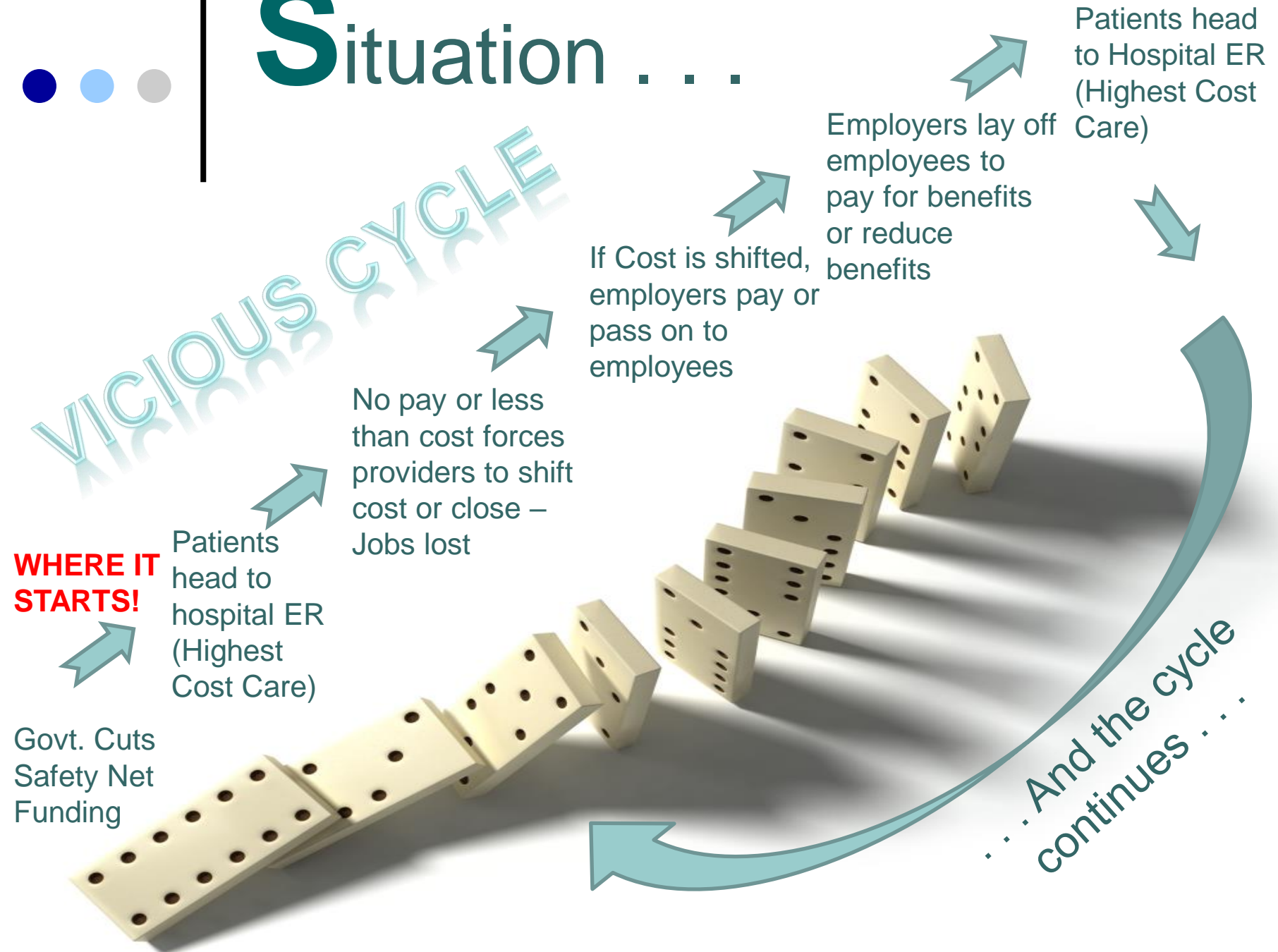


# Situation - EMTALA

The **Emergency Medical Treatment and Active Labor Act (EMTALA)** is a U.S. Act of Congress passed in 1986 as part of the Consolidated Omnibus Budget Reconciliation Act (COBRA). It requires hospitals and ambulance services to provide care to anyone needing **emergency** healthcare treatment regardless of citizenship, legal status or ability to pay.

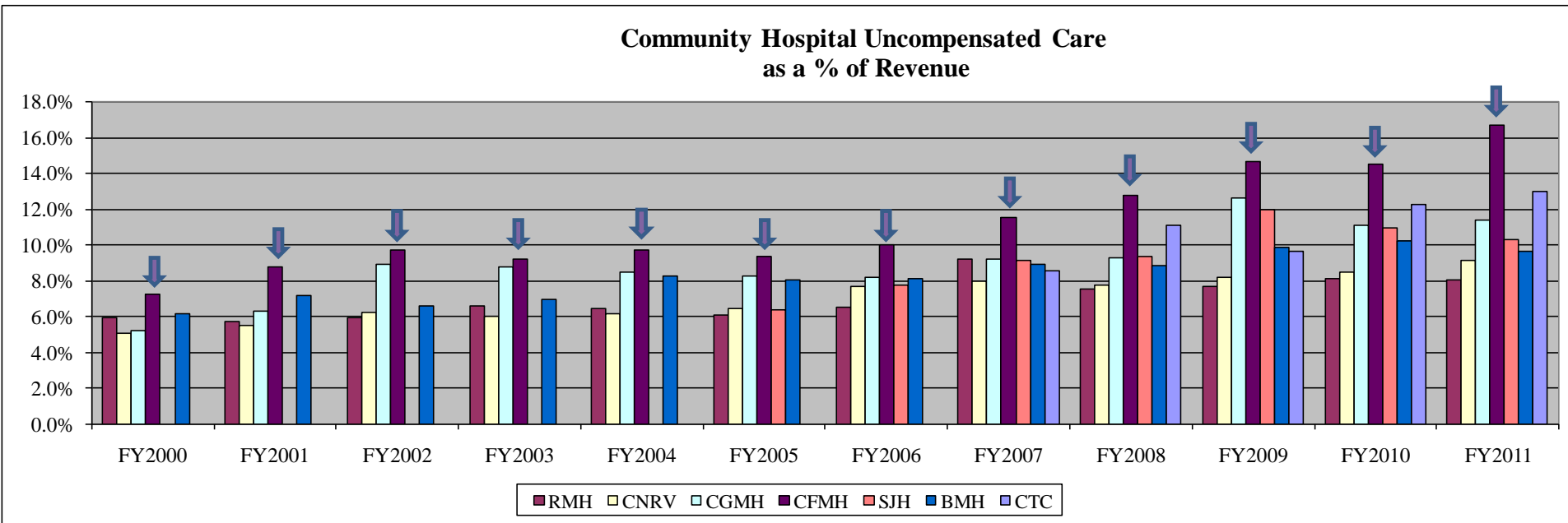


# Situation . . .



# Background:

## Charity and Bad Debt as a % of Revenue

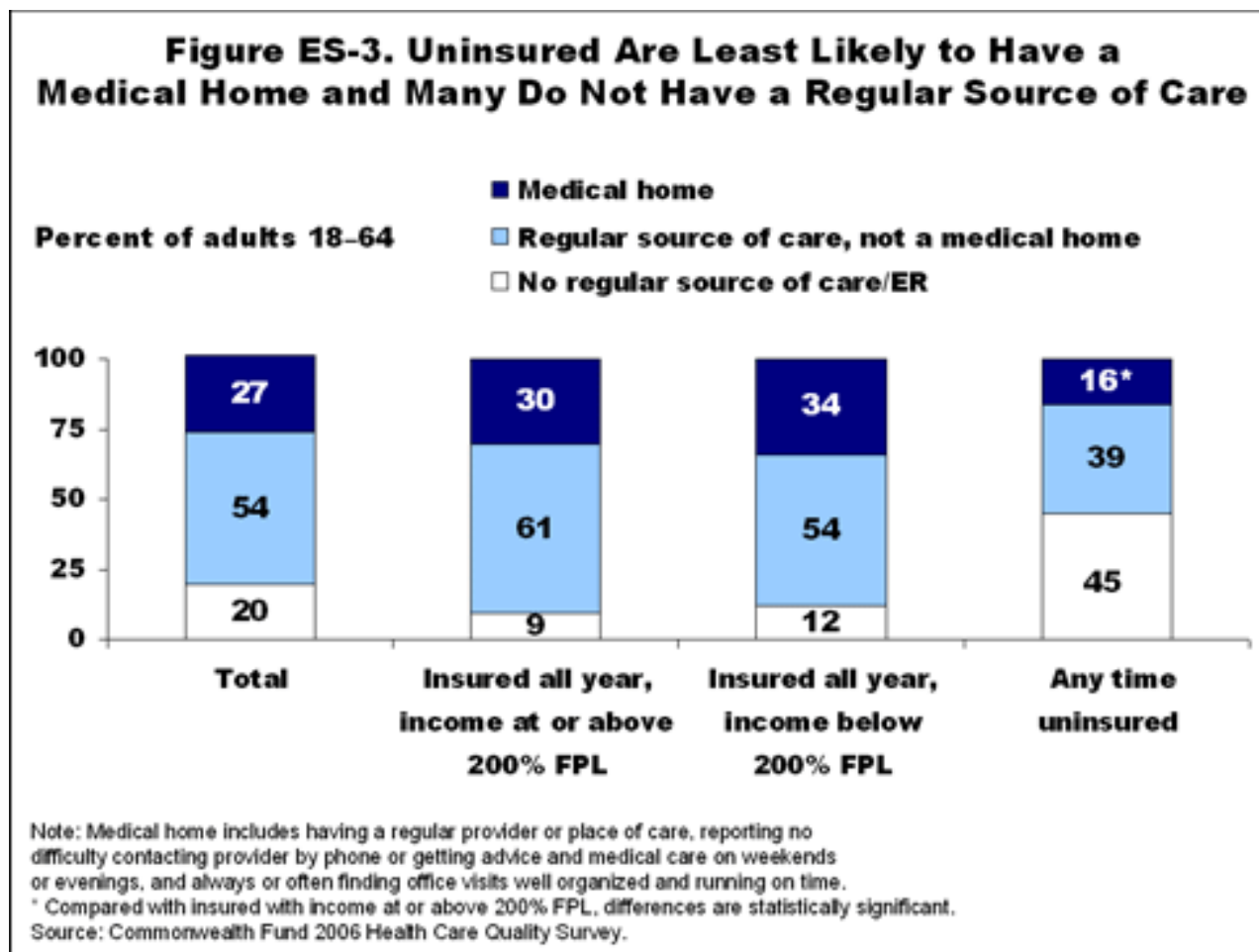


**19% for September 2011**

**Translates to between \$16-19M in Free Care/Year**

# Background :

Uninsured most likely to not have a medical home





# Assessment: Health Reform

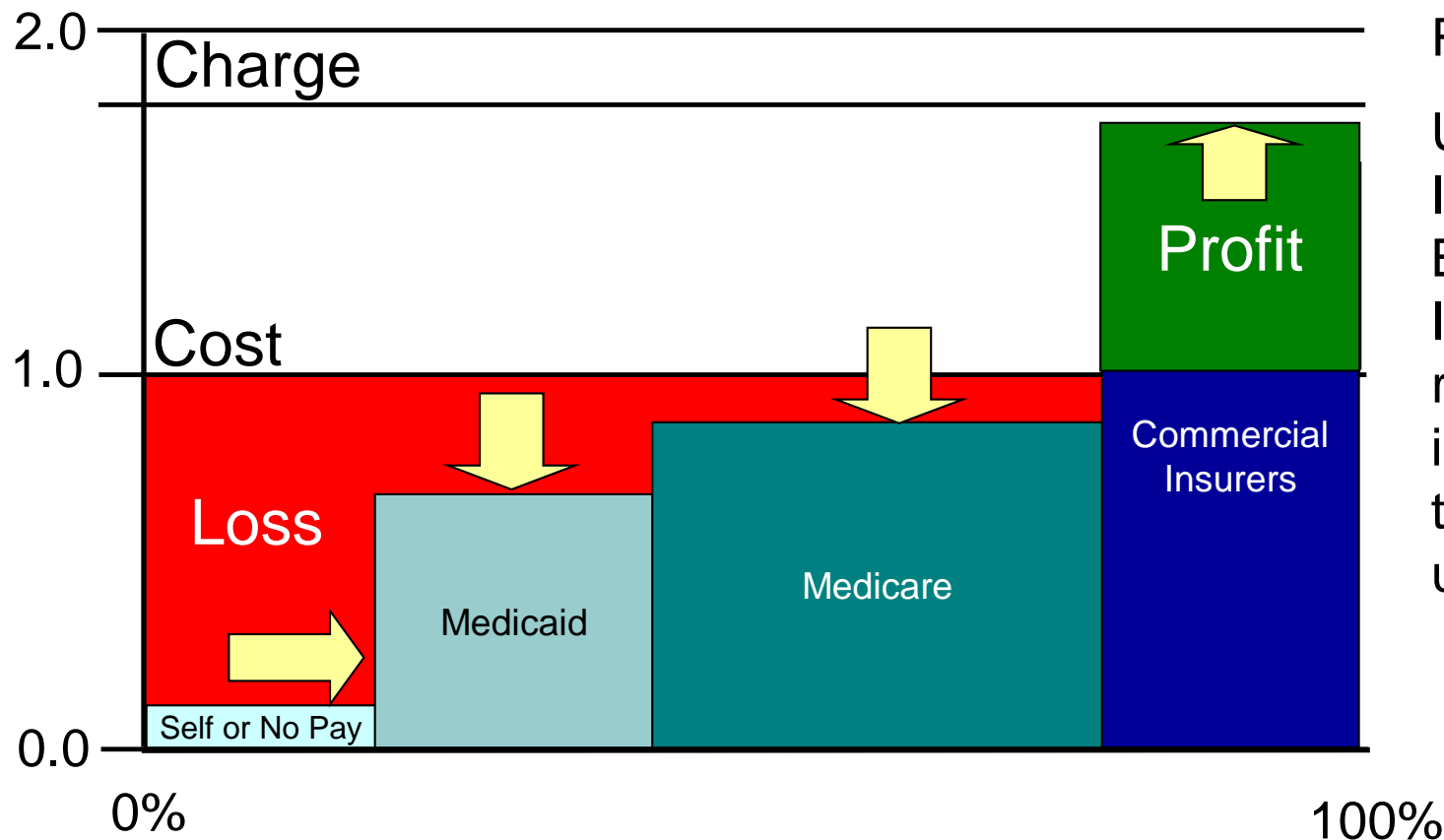
- What it is not:

- Raising taxes
- Rationing care
- Cutting payments to providers

- What it is: Lowering cost by

- Coordinating care
- Providing incentives to providers to keep patients healthy and manage chronic conditions
- Providing patient incentives to keep themselves healthy and manage chronic conditions

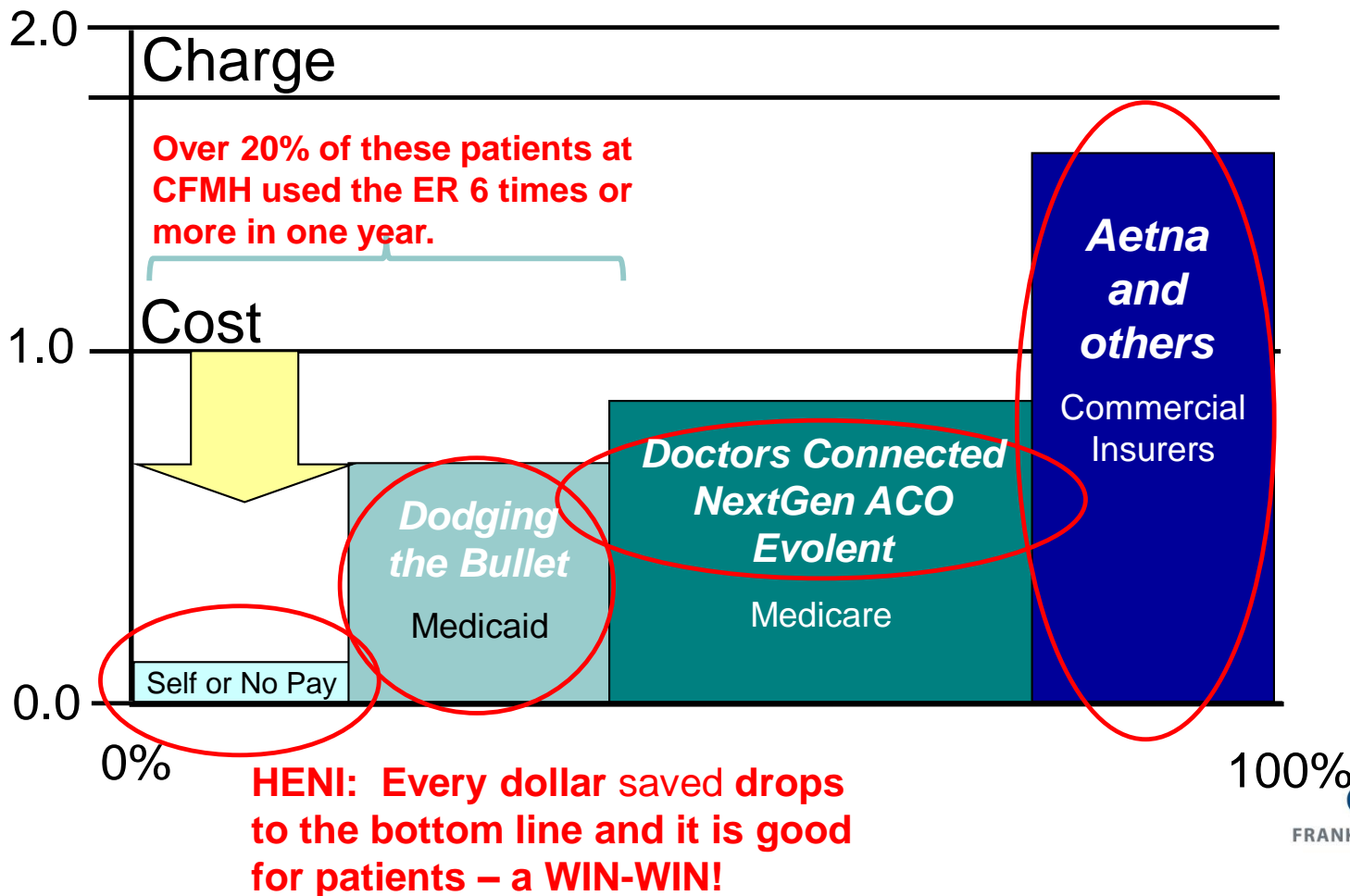
# Assessment: Healthcare Finance 101



Results in:

Unaffordable Insurance for Business and Individuals, rationing, and increased taxes to keep up with it all.

It's primarily about reducing overutilization and employing good case management!





# Vote and Group Activity

- OVERWHELMING YES!
- Divided into groups:
  - Access & Screening
  - Primary Care
  - Specialty Care
  - Funding
  - Medication Access
  - Transportation
  - Case Management
- What are Barriers to doing this?
- How can we remove those Barriers?





# And then what happened?

- Enlisted Evaluator (Baseline and Ongoing)
  - Virginia Tech School of Public Health
    - Community Assessment focused on Uninsured
    - Annual Evaluation
- Enlist Physician Champion – Dr. Robert Strong
- Form Local Task Force
- Work on Model Specifics from Baseline
- Developed Grant Proposal and Sustainability Plan
- Applied for Grant Funding (but did not receive)
- Started Programs anyway



## Step 2: ED to PCMH Project 2010 - 2011

- Use Emergency Room as a point of Primary Care Education
- Get people connected with Patient Centered Medical Home
- Ensure we meet our EMTALA obligations
- Start with CMA Rocky Mount patients and expand as we have primary care options



## Connecting You to the Healthcare You Need

At Carilion Franklin Memorial Hospital it is our goal to make sure every one of our patients receives the most appropriate care possible. In order to ensure efficient and effective care, we are encouraging patients with non-emergencies to be seen by a primary care physician. A relationship with a primary care physician is one of the best ways to manage your health and prevent illness. The hospital's ability to give appropriate care to all patients can be threatened by a high percentage of non-emergency patients coming to the Emergency Room. Patients in emergency rooms are seen by level of care needed. Therefore, those with non-emergencies may be delayed by patients with more severe needs.

### A New Approach to Primary Care

Carilion Clinic's Family Medicine practices are in the process of adopting a new approach to primary care, where a health-care team proactively addresses each patient's needs. In doing so, we are transforming delivery of primary care so that patients have an authentic partnership with their primary care physician that provides accessible, continuous, coordinate and comprehensive care.

continued on back



180 Floyd Ave., Rocky Mount, VA 24523  
540-483-5277  
[www.CarilionClinic.org](http://www.CarilionClinic.org)

Benefits include:

**Access and Communication:** Practices provide patient access during and after regular business hours. Each primary care physician generally has someone on call for their practice after hours.

**Care Management:** Practices maintain continuous relationships with patients by implementing evidence-based guidelines and applying them to the needs of patients over time and with the intensity needed by the patients.

**Patient Self-Management Support:** Practices work to improve patients' ability to self-manage health by providing educational resources and ongoing assistance and encouragement.

**Electronic Prescribing:** Practices employ electronic systems to order prescriptions, check safety and promote efficiency when prescribing.

**Advanced Electronic Communication:** Practices use electronic communication to communicate with patients/families and other care providers

### Emergent vs. Non-Emergent Care

All patients will be triaged in accordance with nationally accepted triage standards. Those who do not need urgent care will be given a medical screening exam by a licensed provider. After the medical screening exam, if it has been determined that you do not have a medical emergency, we encourage a visit with a primary care physician and would like to set an appointment up for you. In most instances this will be the same day.

#### What is a medical screening exam?

A medical screening exam (MSE) is used to help determine whether a patient has a medical emergency. It typically includes vital signs, history of present illness and a focused physical exam. A MSE is required for all patients who come to an emergency department for care.

#### When to go to the Emergency Room

Emergencies include life- or limb-threatening problems such as:

- Loss of consciousness
- Heart attack symptoms
- Stroke symptoms
- Difficulty breathing
- Uncontrollable bleeding
- Sudden, severe pain
- Poisoning
- Head trauma
- Coughing up or vomiting blood
- Severe or persistent vomiting
- Suicidal feelings

Non-emergent situations can include:

- Minor cuts and lacerations
- Sprains
- Earaches
- Colds, coughs, sore throat
- Skin rashes
- Insect bites/minor dog bites
- Minor cooking burns
- Minor infections

If you have any questions or concerns, please call our administrative offices at 540-489-6344.

# Results???

MONTHS 2010-2011														AVERAGE
STATISTIC	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG*	SEP*	OCT**	NOV**	
Patients Screened	70	74	95	107	72	81	84	68	42	53	48	10	19	63
Patients Diverted	38	46	73	80	51	57	54	57	31	35	32	5	14	44
<b>Diversion Rate</b>	<b>54%</b>	<b>62%</b>	<b>77%</b>	<b>75%</b>	<b>71%</b>	<b>70%</b>	<b>64%</b>	<b>84%</b>	<b>74%</b>	<b>66%</b>	<b>67%</b>	<b>50%</b>	<b>74%</b>	<b>68%</b>
Kept for Medical Reasons	8	3	4	3	-	3	-	1	1	2	3	1	-	2
Patient Refused Diversion	26	25	22	24	21	20	30	11	9	10	7	2	2	16
Average Patient Age	26	26	22	23	26	22	31	30	26	34	22.8	22.8	24	26
Pediatric Patients	27	27	41	49	26	37	24	20	15	7	14	2	6	23
% Pediatric Patients	39%	36%	43%	46%	36%	46%	29%	29%	36%	13%	29%	20%	32%	36%

\* Note: Beginning in August physician practice saturated with patients began on taking their patients whom they actually having open slots for which resulted in several documented patients not being diverted. When this happens in the day it alters the amount of patients screened which results in decreased screened and diverted total.

\*\* In October, Dr. Sherrard reduced her hours at the practice and this has really affected our ability to divert patients. We need to increase provider supply to continue to make an impact here.





# Help Improve Our Community's Health

.....  
SHARE YOUR INPUT ON CURRENT HEALTH ISSUES AND CHALLENGES

*Flip over for more information.*



  
**CARILION CLINIC**

  
**CARILION**  
FRANKLIN MEMORIAL  
HOSPITAL

## Service Area

Carilion Franklin Memorial Hospital (CFMH) is located in Franklin County, Virginia. In fiscal year 2012, CFMH served 21,522 unique inpatients. Patient origin data reveals that 73.1% of CFMH's patients are from Franklin County, 8.5% are from Henry County (including 5.3% from Bassett), and 4.6% are from Bedford County. The primary service area for the Franklin CHNA is Franklin County. Data was also collected for Henry County with emphasis on Bassett, Virginia.





## *Major Needs and How Priorities Were Established*

Upon compiling all primary and secondary data, a review was conducted to complete a list of health needs identified through the assessment process. The Management Team and the CHAT then met to prioritize the needs and narrow the focus to 3 to 5 areas of highest priority. These top areas were identified based upon community need, feasibility of addressing the need and potential impact. Similar categories were grouped, and four areas of priority became clear, based upon the four assessment activities performed (stakeholder survey, community survey, focus groups and secondary data). The Franklin County CHNA findings demonstrate the need for:

- Access to:
  - Mental health and substance abuse services
  - Primary care
  - Adult dental care
  - Specialty care
- Need for improved coordination of care across the health and human services sector
- General wellness:
  - Obesity
  - Chronic disease management
- Transportation



# Step 3 – January 2014: Health Efficiency Navigation Initiative (HЕНИ)





# Concept Paper



## Concept: HENI – Health Efficiency Navigation Initiative

### Introduction

The Health Efficiency Navigation Initiative (HENI) is a pilot project of Carilion Clinic to provide navigation assistance to uninsured patients to move them efficiently toward reimbursement options and appropriate care settings. Carilion Clinic's mission is to improve the health of the communities we serve. Our Vision is the Triple Aim of better quality and patient satisfaction at a reduced cost. This project advances all aspects of our mission and vision.

### Purpose

HENI's purpose is multifaceted. With the federal reimbursement cuts we face as an industry and the lack of movement on closing the coverage gap in the Commonwealth of Virginia, Carilion Clinic faces an unprecedented financial challenge. At the same time, we continue our journey toward full realization of the notion of the clinic model, which is to provide evidence-based care that accomplishes the Triple Aim: better patient care, better community health and lower cost. Carilion Franklin Memorial Hospital (CFMH) has had good success in informally doing this work in partnership with organizations like the Martinsville / Henry County Health & Wellness Coalition, the Free Clinic of Franklin County, and several FQHCs in getting coordinated care for those in challenging financial situations. This has resulted in a 8.8% favorable variance in charity & bad debt to budget or an annualized savings to budget of \$552K annualized this year, and we are doing this by moving people to more appropriate care settings and reducing overutilization of inappropriate care. Each 5% of improvement in our budgeted uncompensated care saves CFMH \$314K per year. If those patients are navigated to the ACA, the additional operating margin is \$554K. The primary purposes of the HENI are to:

1. Utilize the Emergency Department as a primary place of identification of patients with coverage issues;
2. Do our best to find and influence coverage for them;
3. Navigate them to appropriate care settings close to home; and
4. Utilize the full array of coordination services within Carilion Clinic and with safety net providers in our region to facilitate 1-3.

### Project Description

The HENI concept is simple. We will retain 1.4 FTE's of Patient Navigator to man our Emergency Room during our peak utilization periods (most likely 3-11, 7 days a week). These patient Navigators would have a number of regular duties:

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## Concept: HENI – Health Efficiency Navigation Initiative

1. Work with Patient Access staff and ED staff to identify patients who are uninsured and have no medical home.
2. Meet with these patients to kindly influence them to seek assistance in:
  - a. Signing up for the Affordable Care Act onsite or setting up a time where they can spend time with the certified counselor in their community on this effort;
  - b. If they refuse the ACA signup, help them also with eligibility for:
    - i. Medicaid – Through existing eligibility assistance personnel.
    - ii. Free Clinic – Assist with Free Clinic sign up and/or set up appointments for them at the Free Clinic of Franklin County, Caring Hearts Free Clinic of Patrick County, Bradley Free Clinic, or Bedford Christian Free Clinic, depending on their location.
    - iii. Federally Qualified Health Centers (FQHC's) –
      - If Martinsville, Henry County, Patrick County or Danville residents, connect them with the Martinsville / Henry County Health and Wellness Coalition who will coordinate them to convenient assistance (Bassett or PATHS or other safety net providers).
      - If in Franklin County, connect them with Triarea Health Center
      - If outside these areas, connect them with New Horizons or other area safety net providers.
3. Assist them with eligibility paperwork or schedule times with them where we can help them with paperwork or, if in Southside (Henry, Martinsville, Danville, Patrick), get them scheduled with resources at the Martinsville / Henry County Health & Wellness Coalition.
4. If the patient is uninsured and already has a medical home, make sure that there are no issues with getting them care at that location and coordinate with care coordinators or office managers in those locations.
5. From 3-5 each day, work on primary care, specialty care, and financial appointments for these patients and also assist in ensuring they keep their appointments.

This position will "matrix" report to the Eligibility Assistance Department, with day-to-day direction by the Emergency Services Manager at CFMH.

Detailed records on each patient encounter will be made so we can track the effect of the Patient Navigator's intervention in terms of general wellness and cost savings.

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## Concept: HENI – Health Efficiency Navigation Initiative

**Stakeholders** – Carilion Clinic (CFMH, Family & Community Medicine, Emergency Medicine, Revenue Cycle); Free Clinics in Service Area, Federally Qualified Health Centers in Service Area, Uninsured Patients, Martinsville / Henry County Health & Wellness Coalition, Harvest Foundation.

### HENI Primary Objectives

1. **Better care:** Access to appropriate care and reduction in emergency room and other overutilization by the uninsured;
2. **Better Community Health:** Improvement in general well-being of clients (survey); and
3. **Financial:** Reduction of 5% in uncompensated care as a percentage of gross patient revenue, and increase in covered lives.

### Proposed Timeline:



### Budget

Under development, but initially estimate \$90,000 for Salaries and Benefits. Will utilize existing office space in the Emergency Department. Additional \$10,000 for IT support.

Estimated return on investment would be \$554K less \$100K in cost or \$454K per year in benefit.

### Contact

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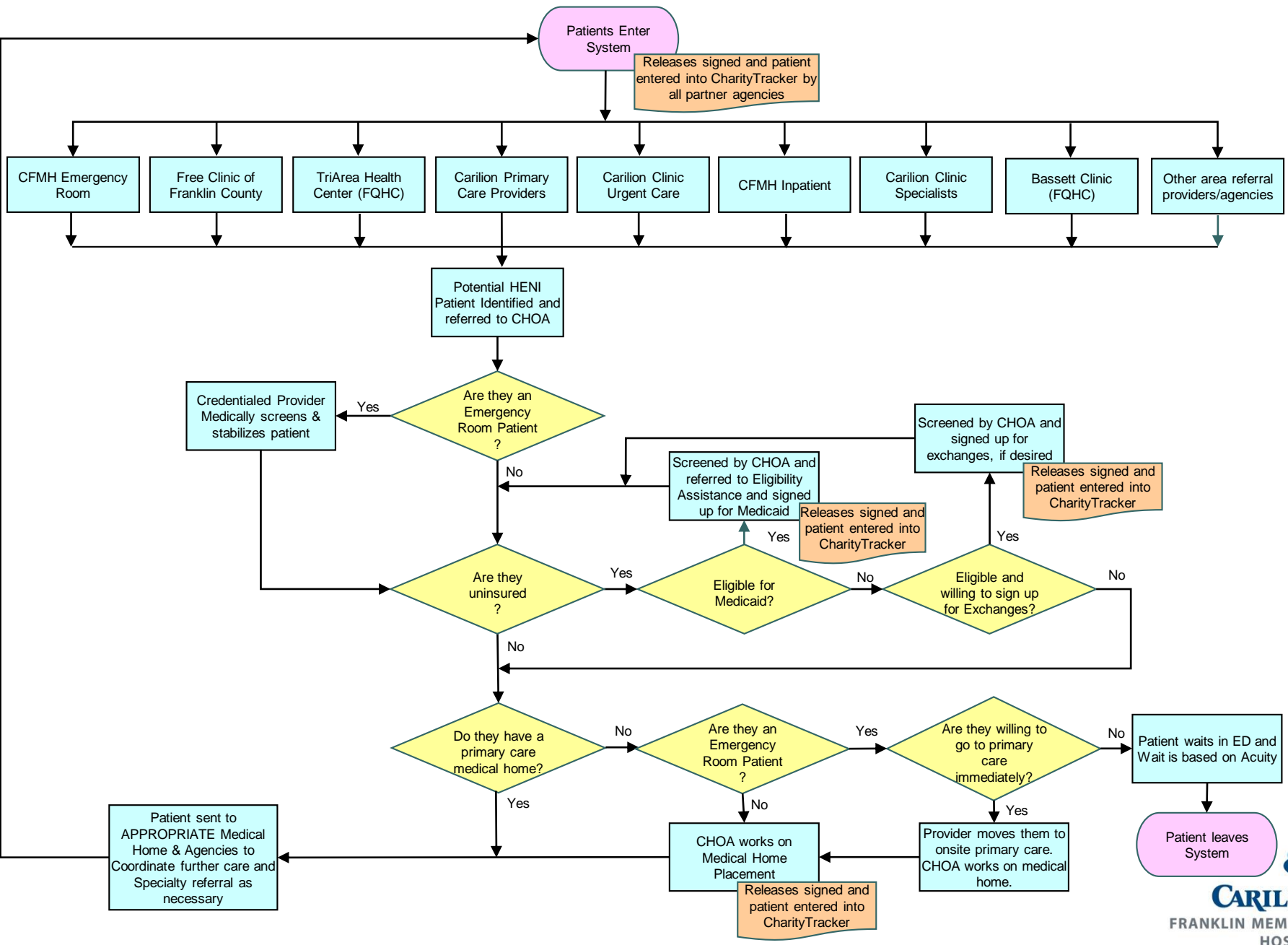
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# HENI - Purposes

1. Utilize the Emergency Department as a primary place of identification of patients with coverage issues;
2. Do our best to find and influence coverage for them;
3. Navigate them to appropriate care settings close to home; and
4. Utilize the full array of coordination services within Carilion Clinic and with safety net providers in our region to facilitate 1-3.

# Health Efficiency Navigation Initiative (HENI) Model



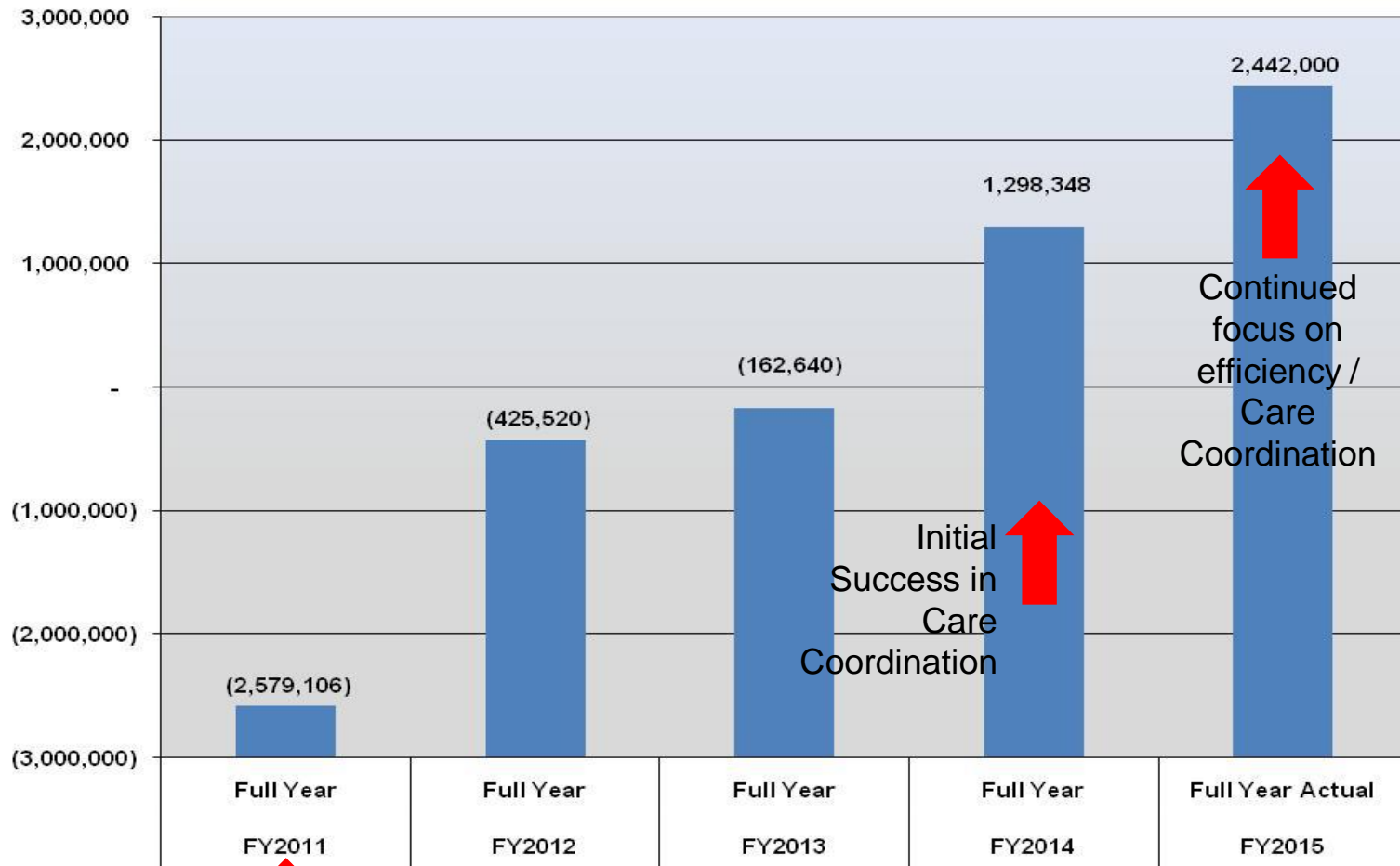
# Enrollee Comparison

## 2015-2016 Open Enrollment

Zip	2015 Enrollees	2016 Enrollees	Change	Area
24055	722	657	(65)	Bassett
24065	341	366	25	Boones Mill
24067	152	174	22	Callaway
24088	236	240	4	Ferrum
24092	174	181	7	Glade Hill
24101	286	328	42	Hardy
24102	104	89	(15)	Henry
24121	526	557	31	Moneta
24137	114	114	-	Union Hall
24151	908	960	52	Rocky Mount
24176	97	96	(1)	Penhook
24184	240	245	5	Wirtz
<b>TOTAL</b>	<b>3,900</b>	<b>4,007</b>	<b>107</b>	

# Significant Financial Improvement over time!

Carilion Franklin Memorial Hospital  
FY11 - FY15 Operating Income

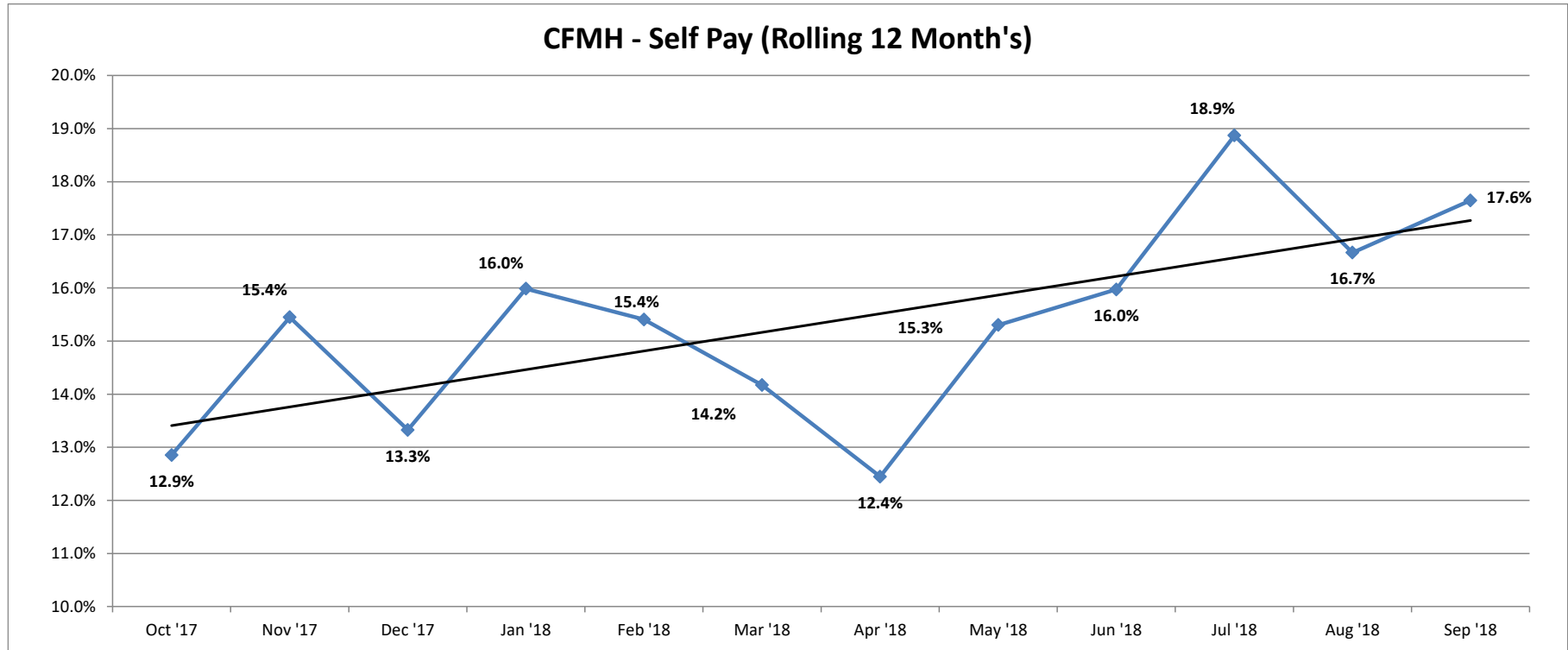


Continued  
focus on  
efficiency /  
Care  
Coordination

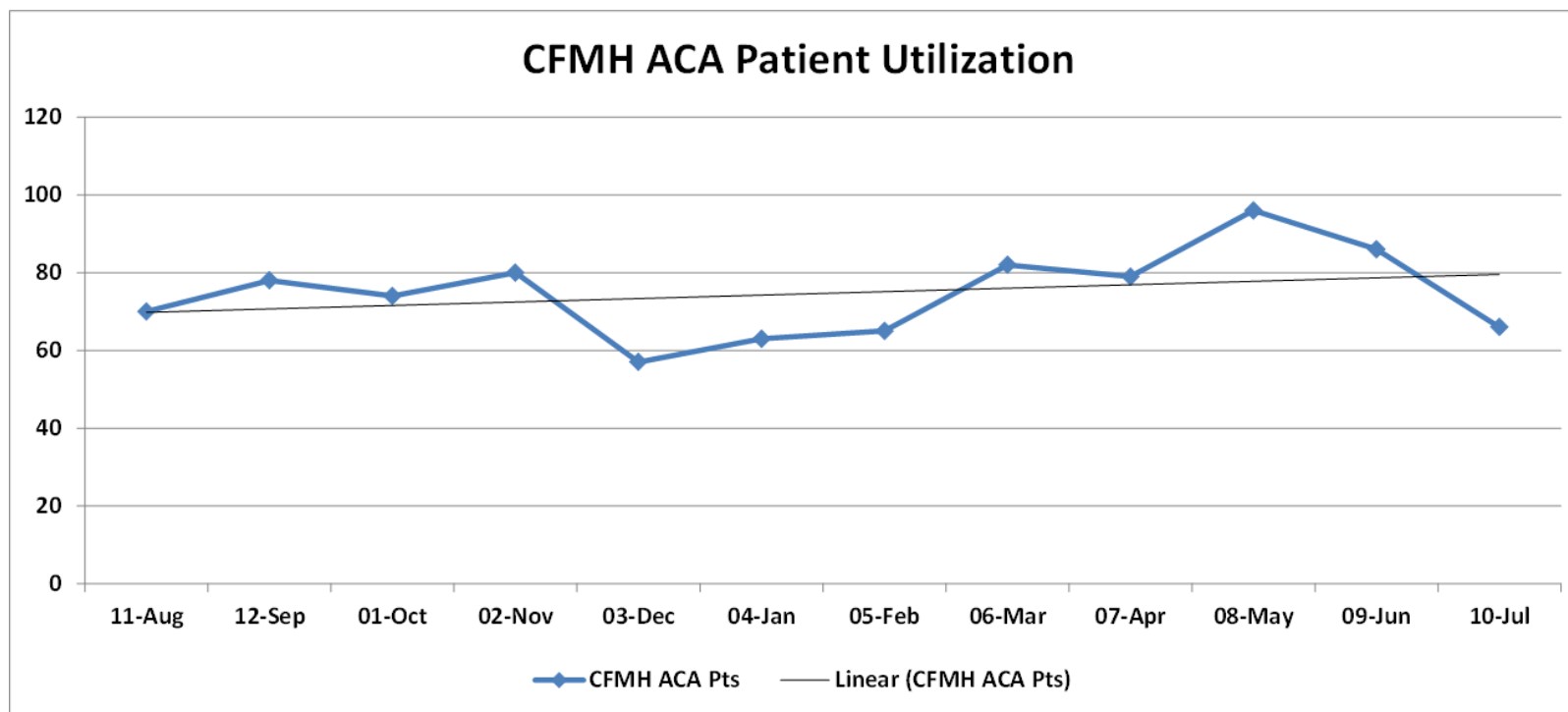
Initial  
Success in  
Care  
Coordination

Tough Decisions to  
Make !

# Service Utilization



# Service Utilization 2016





**Emergency Room Visits, July 2011 - September 2018**

Month	Visits
July 2011	1980
August 2011	1950
September 2011	1980
October 2011	1950
November 2011	1850
December 2011	1950
January 2012	1850
February 2012	2050
March 2012	1950
April 2012	2150
May 2012	2000
June 2012	2100
July 2012	2050
August 2012	2000
September 2012	2050
October 2012	1950
November 2012	2050
December 2012	2150
January 2013	1950
February 2013	1650
March 2013	1850
April 2013	1750
May 2013	1850
June 2013	1880
July 2013	1680
August 2013	1750
September 2013	1880
October 2013	1580
November 2013	1850
December 2013	1820
January 2014	1580
February 2014	1550
March 2014	1750
April 2014	1780
May 2014	1820
June 2014	1850
July 2014	1780
August 2014	1920
September 2014	1820
October 2014	1800
November 2014	1650
December 2014	1980
January 2015	1750
February 2015	1450
March 2015	1650
April 2015	1720
May 2015	1800
June 2015	1780
July 2015	1780
August 2015	1780
September 2015	1950
October 2015	1750
November 2015	1620
December 2015	1720
January 2016	1720
February 2016	1520
March 2016	1900
April 2016	1680
May 2016	1850
June 2016	1850
July 2016	1650
August 2016	1780
September 2016	1650
October 2016	1820
November 2016	1600
December 2016	1780
January 2017	1680
February 2017	1820
March 2017	1650
April 2017	1750
May 2017	1780
June 2017	1600
July 2017	1620
August 2017	1720
September 2017	1650
October 2017	1600
November 2017	1580
December 2017	1820
January 2018	1780
February 2018	1620
March 2018	1580
April 2018	1750
May 2018	1680
June 2018	1650
July 2018	1650
August 2018	1680
September 2018	1680



# HENI Effect on Outcomes: FY 2015-2016

Statistics:	ED Visits One year prior to encounter	ED Visits One year after encounter	Difference	% Change
Number of Visits	366	253	-113	-31%
Number of Patients	124	124	124	
Average Visits per Patient	2.95	2.04		

Gender:	Number of Patients	% of Patients
Men	57	46%
Women	67	54%

Age Groups:	Number of Patients	% of Patients
0-26 years old	24	19%
27-40 years old	48	39%
41-50 years old	26	21%
51-65 years old	23	19%

Distribution of Utilization Variance:	Number of Patients	% of Patients
Increase of greater than 5 visits/year	4	3%
Increase of 1-5 visits/year	20	16%
No Change	21	17%
Decrease of 1-5 visits/year	73	59%
Decrease of greater than 5 visits/year	6	5%

# Improved ER Acuity

	Actual Volume													Trend
	Full Year FY2006	Full Year FY2007	Full Year FY2008	Full Year FY2009	Full Year FY2010	Full Year FY2011	Full Year FY2012	Full Year FY2013	Full Year FY2014	Full Year FY2015	Full Year FY2016	Full Year FY2017	Full Year FY2018	
953410 - Level 1 ED Visits	348	234	241	188	281	279	184	171	125	154	123	98	143	
953411 - Level 2 ED Visits	5,402	4,963	4,568	4,167	3,437	3,250	3,927	3,447	2,920	2,599	2,548	2,407	1,824	
953412 - Level 3 ED Visits	10,216	11,972	12,917	12,394	8,694	7,380	7,955	7,405	7,193	7,937	8,207	8,209	7,468	
953413 - Level 4 ED Visits	4,636	5,711	5,720	6,050	6,960	7,909	7,561	7,018	6,958	6,756	6,519	6,534	6,016	
953415 - Level 5 ED Visits	2,972	2,154	1,983	2,914	4,069	4,260	4,188	4,235	3,869	3,675	3,316	3,202	4,546	
953416 - Level 6 ED Visits	157	166	179	134	37	33	30	36	12	10	15	77	216	
953417 - LWBS	490	617	577	732	444	596	636	632	489	752	724	655	639	
913410 - Visits Emergency	23,731	25,200	25,608	25,847	23,478	23,111	23,845	22,312	21,077	21,131	20,728	20,527	20,213	

## Trend

953410 - Level 1 ED Visits

953411 - Level 2 ED Visits

953412 - Level 3 ED Visits

953413 - Level 4 ED Visits

953415 - Level 5 ED Visits

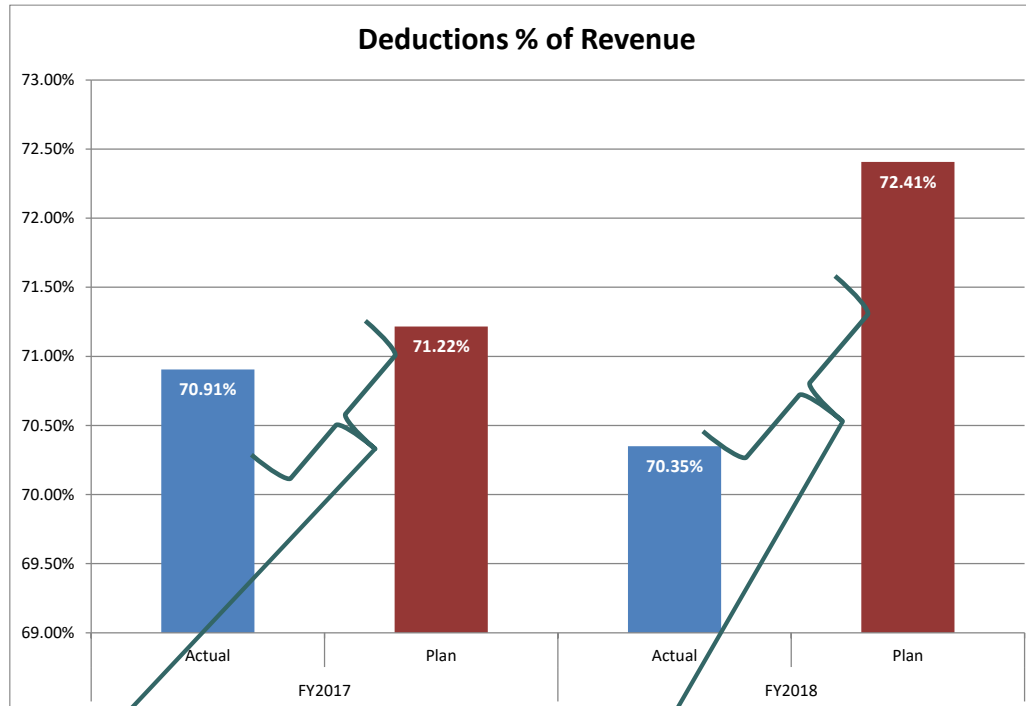
953416 - Level 6 ED Visits

953417 - LWBS

913410 - Visits Emergency

# Patient Value

## Deductions as % of Revenue



VAR = -2.11%

\$ Impact = \$411K

VAR = -2.06%

\$ Impact = \$2.891M



## *Major Needs and How Priorities Were Established*

Upon compiling all primary and secondary data, a review was conducted to complete a list of health needs identified through the assessment process. The Management Team and the CHAT then met to prioritize the needs and narrow the focus to 3 to 5 areas of highest priority. These top areas were identified based upon community need, feasibility of addressing the need and potential impact. Similar categories were grouped, and four areas of priority became clear, based upon the four assessment activities performed (stakeholder survey, community survey, focus groups and secondary data). The Franklin County CHNA findings demonstrate the need for:

- Access to:
  - Mental health and substance abuse services
  - Primary care
  - Adult dental care
  - Specialty care
- Need for improved coordination of care across the health and human services sector
- General wellness:
  - Obesity
  - Chronic disease management
- Transportation



- Web-based – Focused on Social Determinants
- Connect to all HENI Members - MOAs
- Connect to other Community Agencies - MOAs
- HIPAA Compliant - Releases
- Easy to Use
- Results since November 2016:
  - Nearly \$1 Million in Community Benefit
  - Over 3,000 Individuals Served
  - Almost 8,000 Acts of Kindness



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# DRRC

DISABILITY RIGHTS & RESOURCE CENTER

☆ ☆ ☆ ☆ ☆ ☆



Carilion Clinic Community Outreach  
Partnership Grants  
Challenge now is volunteers to drive!



# More Transportation



- Area Agency on Aging
- United Way award made this possible

## OUT OF TOWN & LOCAL MEDICAL TRANSPORTATION



### NEED TRANSPORTATION?

- ✓ Local & Out of Town Non-Emergency Medical Appointments
- ✓ Based on Household Income
- ✓ Individuals Without Full Medicaid Coverage
- ✓ Application Approved Over the Phone
- ✓ Call at least 2 weeks before your appointment

### DRIVERS NEEDED!

- ✓ Volunteer opportunity
- ✓ Have spare time and a clean, reliable vehicle?
- ✓ Give back to your community
- ✓ Provide access to medical care
- ✓ Reimbursement for mileage
- ✓ Call today!

Call Mobility Manager, Mandy Folman (276) 632-6442

Email- [mfolman@southernaaa.org](mailto:mfolman@southernaaa.org)

Website- [www.mile1.net](http://www.mile1.net)

\*Serving Franklin County



In partnership:



## HEALTH CARE ENROLLMENT

During this webinar you will gain valuable insight into the uninsured who may be eligible for a health plan under the ACA. You will also learn where they can receive unbiased information about health plans offered with no-cost, non-partisan enrollment assistance on Virginia's marketplace at Healthcare.gov . Our webinar speakers will help you to find local resources to help with any questions you may have.

**September 27th**  
**2pm - 4pm EDT**

**For More Information:**  
**Ashlee Ewing, [aewing@vhha.com](mailto:aewing@vhha.com)**

**This is a free webinar but registration is required**  
**Register at: <http://bit.ly/2bHwVDU>**



# Awards . . .



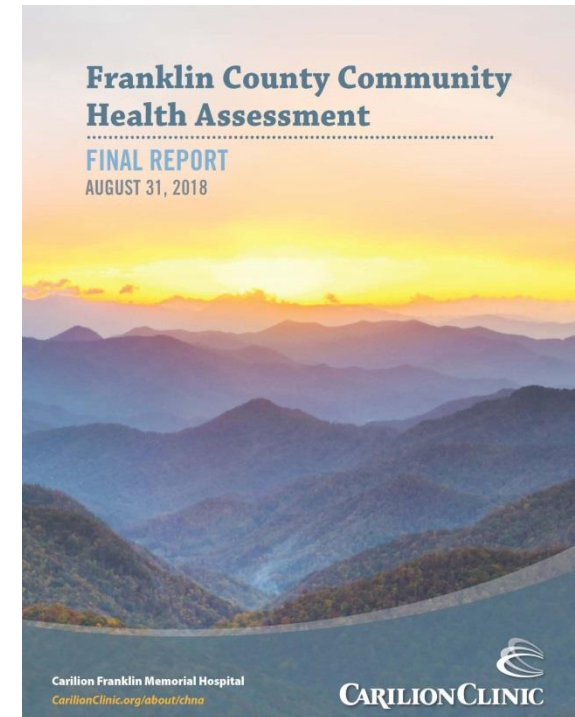


# Step 4: What's Next?

## Access to Care and Health Coaching

# Community Needs Assessment

1. Access to primary care
2. High cost of care
3. Access to dental care
4. Access to mental / behavioral health services
5. Transportation / transit system
6. Poverty / low average household income
7. Alcohol and drug use
8. Culture: healthy behaviors not a priority
9. Lack of health literacy / lack of knowledge of healthy behaviors
10. Coordination of care







You know how to take care of business.  
**Who's taking care of you?**

[CoverVA.org](https://CoverVA.org)

The rules around Medicaid have changed. **Learn more today.**

## What About You?



# Medicaid Expansion

  
*SignUpNow* ***Volunteer Training***

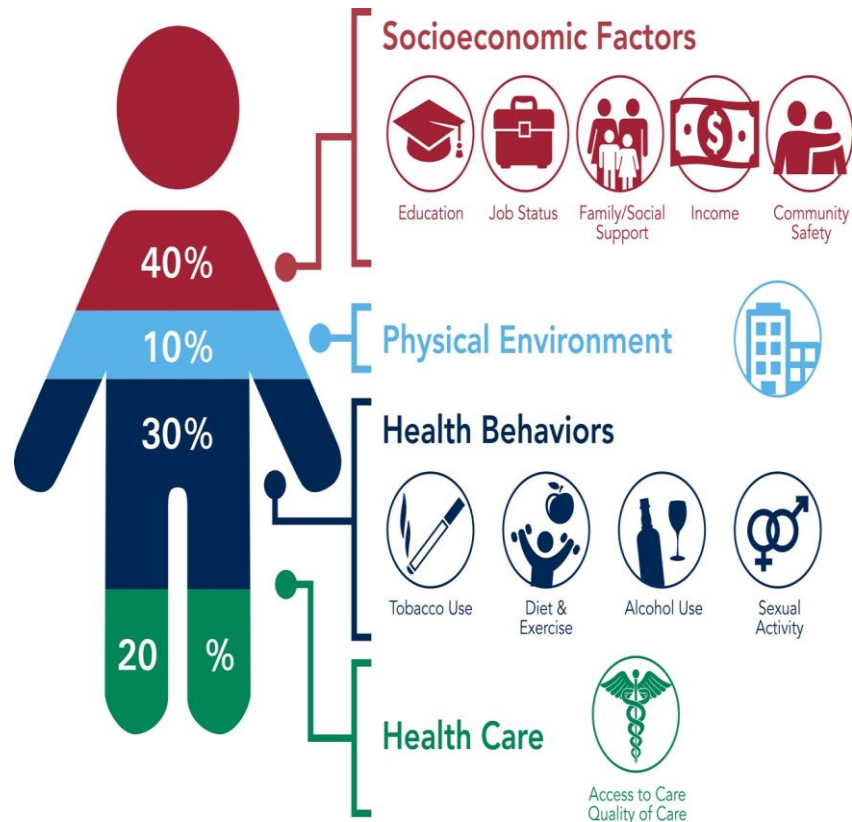
December 17, 10 a.m. – 2:30 p.m.  
Carilion Franklin Memorial Hospital  
Medical Office Building Auditorium

***Applications accepted November 1!***



VIRGINIA  
HEALTH CARE  
FOUNDATION

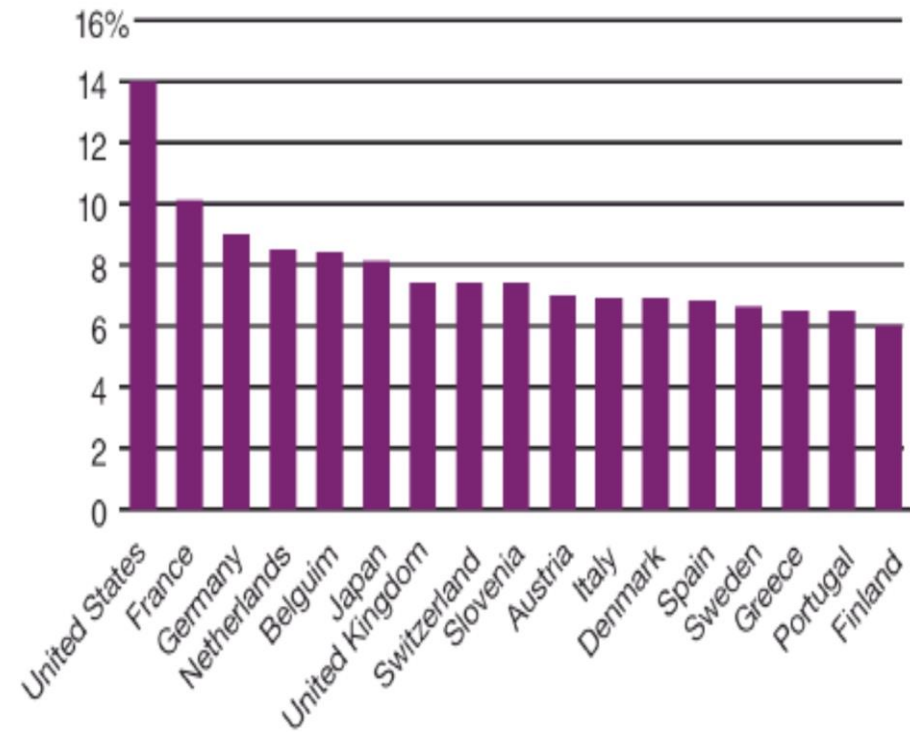
# Impact Of Social Determinants Of Health



- **20%** of a person's health and well-being is related to **access to care** and **quality of services**
- The **physical environment, social determinants** and **behavioral factors** drive **80%** of health outcomes

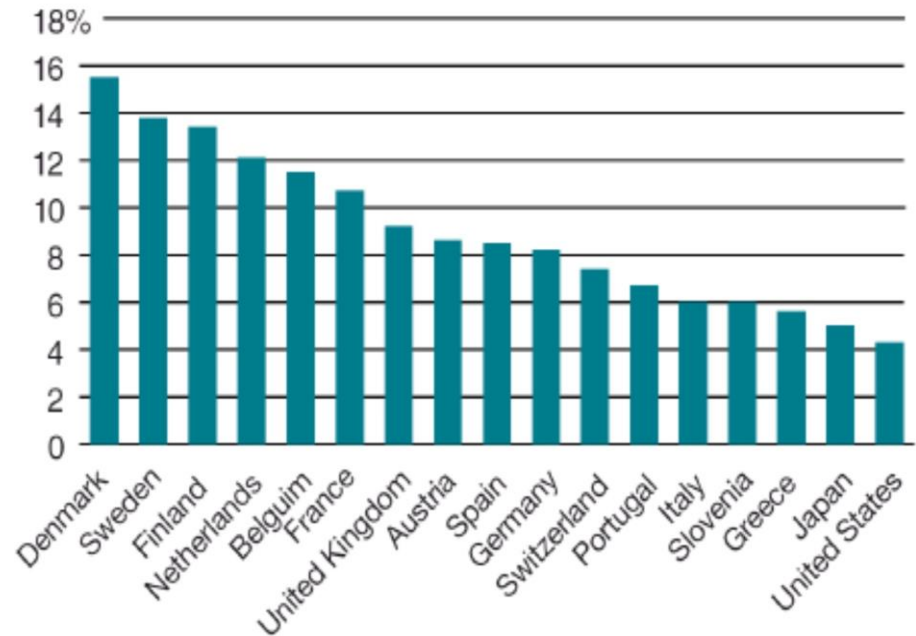
# Health and Social Care Spending

## Personal Health Care Spending, 2014

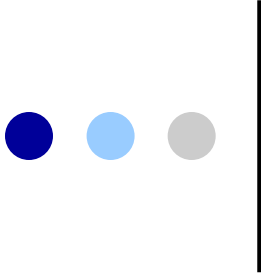


Source: Organization for Economic Co-operation and Development

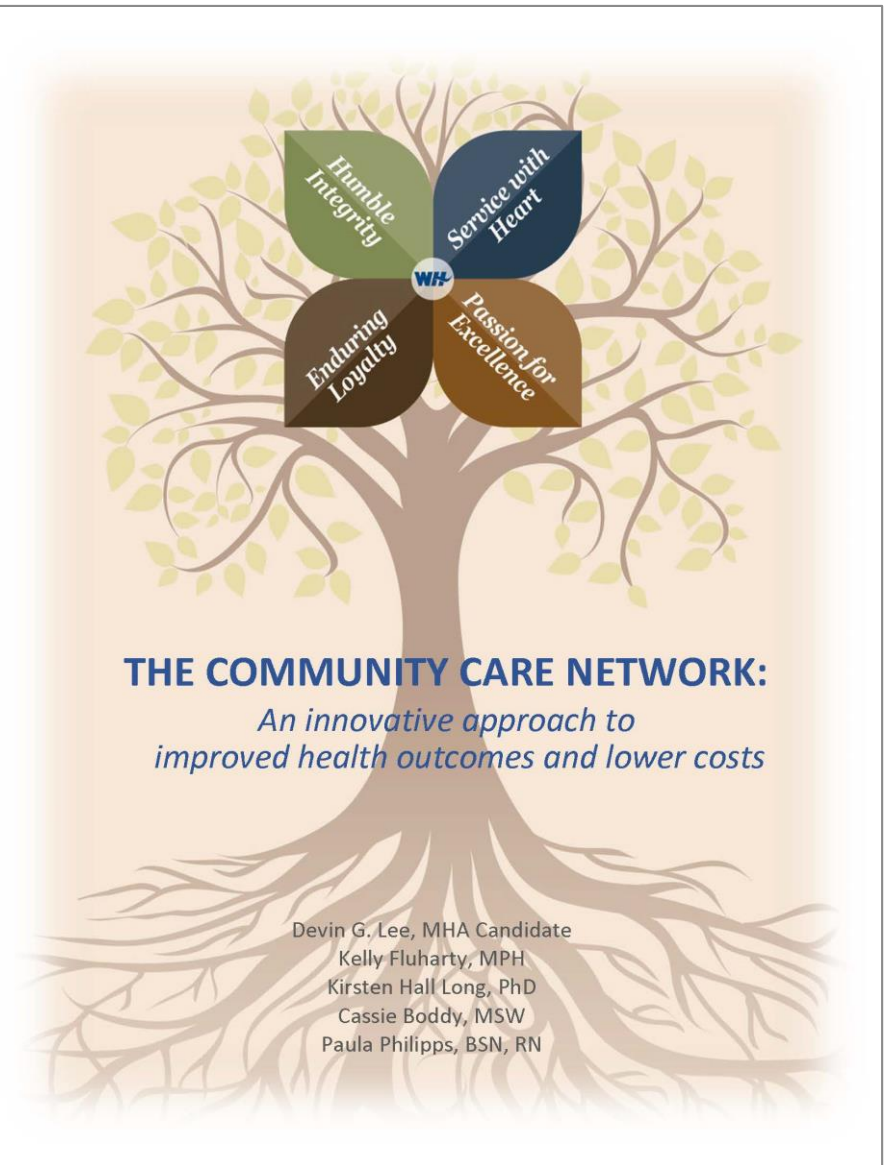
## Social Service Spending, 2014







# Winona Health Community Care Network



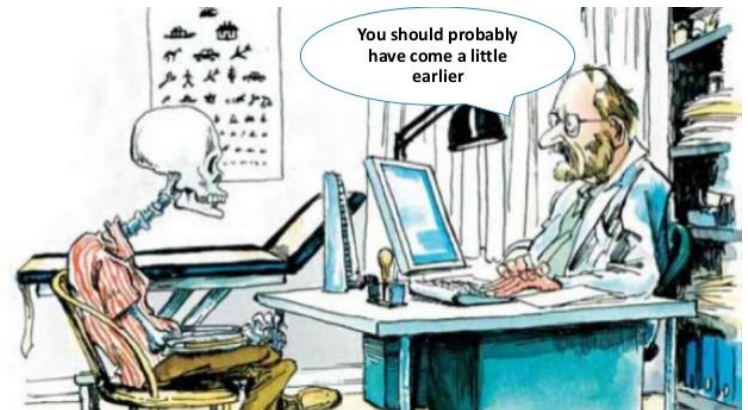
# Where things fall apart . . .

- Inability to manage care needs due to social constraints
- Social isolation; limited support systems and resources
- Low health literacy: inability of patient/families to recognize and react to signs of acute illness
- Exacerbations of multiple chronic illnesses
- No primary care provider relationship
- Medication management errors
- Handoffs
- Non-medical issues show up in healthcare system



# And another thing . . .

- Working on best way to manage primary care access after hours
  - Fast Track?
  - Urgent Care?
  - TeleAccess?
  - Something Else?





# Questions?

## CONTACTS:

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