Garrett County, Maryland

2018 STATUS OF HEALTH

Presented to Garrett County Board of Health
By: Robert Stephens – Health Officer
5/24/2018

Robert Wood Johnson Foundation
CULTURE OF HEALTH PRIZE
2017 WINNER

DATA SOURCES

- State Health Improvement Process, SHIP Rankings by Jurisdiction
- Census Data
- Vital Statistics for Garrett County and Maryland
- Behavioral Risk Factor Survey
- Youth Risk Behavior Survey
- Prevention Quality Indicators, PQI
- Robert Woods Johnson County Health Rankings & Roadmaps

Demographics

GARRETT COUNTY HEALTH DEPARTMENT

Persons under 18 years of age:	**Maryland 22.4%**	**Garrett County 19%**
Persons 65 years old and over:	**Maryland 14.6%**	**Garrett County 21.2%**
Median Household Income:	**Maryland $76,067**	**Garrett County $46,277**
Persons in Poverty:	**Maryland 9.7%**	**Garrett County 12.8%**
Population Per Square Mile:	**Maryland 594.8**	**Garrett County 46.5**

Source: U.S. Census Bureau

Comparison of Jurisdiction Age-adjusted Death Rates* for All Causes with the Maryland State Rate, 2014-2016

Comparison of County Age-Adjusted Death Rates for Leading Causes 2013-2015

2016 CAUSES OF DEATH IN GARRETT COUNTY

Source: MD Vital Statistics, 2016

State Health Improvement Process

SHIP provides a framework for continual progress toward a healthier community.

Including 39 measures and 5 focus areas

Focus Areas:

- **Healthy Beginnings**
- **Healthy Living**
- **Healthy Communities**
- **Access to Health Care**
- **Quality Preventive Care**

Healthy Beginnings

	Meets or Exceeds State Goal	Needs Improvement
6 Measures	** First in the State ** Early Prenatal Care	Teen Birth Rate
	Students Entering Kindergarten Ready To Learn	High School Graduation Rate
		Children Receiving Blood Lead Screening
		Babies with low birth weight

2016 PERCENTAGE OF LOW BIRTH WEIGHT INFANTS BY COUNTY

Source: 2016 Vital Statistics

School Years	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
United States	79%	80%	81%	82%	83%
Maryland	83%	83%	85%	87%	87%
Garrett County	91%	94%	93%	93%	93%

Please see Measuring Progress/Rankings Measures for more information on trends. Trends were measured using all years of data

2016 High School Graduation Rate

Completion of high school is one of the strongest predictors of health in later life. People who graduate from high school are more likely to have better health outcomes, regularly visit doctors, and live longer than those without high school diplomas.

MDH SHIP

Students Entering Kindergarten Ready to Learn

OVERALL

READINESS

61%

DEMONSTRATE READINESS

275

KINDERGARTENERS

100%

KINDERGARTENERS ASSESSED

School Readiness in Garrett County

- **This year, 275 children entered Garrett County's kindergarten classrooms.**
- **Teachers used the Kindergarten Readiness Assessment (KRA) assess 100% of kindergarteners in Garrett County.**
- **61% of the County's kindergarteners demonstrate readiness, entering classrooms fully prepared to participate in the kindergarten curriculum.**

2017-18 Ready by 5

DOMAIN

READINESS

READINESS MATTERS
Equity Matters

School success depends on a child's readiness in multiple domains.

- KRA looks at readiness across four domains.
- These domains are recognized as essential for school and long-term success.
- Garrett County's KRA data show:

DEMONSTRATE KINDERGARTEN READINESS

66%
SOCIAL FOUNDATIONS

56%
LANGUAGE & LITERACY

49%
MATHEMATICS

67%
PHYSICAL WELL-BEING & MOTOR DEVELOPMENT

2017-18 Ready by 5

EARLY PRENATAL CARE

This indicator shows the percentage of pregnant women who receive prenatal care beginning in the first trimester. Inadequate prenatal care services have been linked to higher rates of infant mortality, low birth weight and pre-term deliveries. While Maryland as a whole ranks better than the National average and the Healthy People 2020 Target, disparities still exist.

MD SHIP Measurement Period 2016

Number of Garrett County Births

Average Number of Births

1994 – 2004 = 343.9

2005 – 2016= 295.8

2016 Vital Statistics
https://health.maryland.gov/vsa

Births and Deaths in Garrett County
400
350
300
250
200
150
100
50
0
297
271
315
310
277
321
306
325
278
311
284
299
287
302
302
310
284
285
294
334
311
332
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
Births
Deaths

Infant Mortality Rate

Per 1,000 Live Births

Source: Maryland Vital Statistics Administration
https://health.maryland.gov/vsa

Births to Adolescents, All Races
Rates per 1,000 Females, Ages 15-17

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2014	2015	2016
Maryland	25.8	24.7	23.2	21	20	18.3	18.1	17.1	18	18.1	17.3	16.3	13.5	12.1	10.5	13	12.8	11.2
Garrett	32.8	24.9	21.6	16.6	13.8	10.9	18.1	11.4	16.4	14.2	6.4	18.4	7.6	12.5	16.6	21.1	34	22.5

Source: Maryland Vital Statistics Administration
https://health.maryland.gov/vsa

Healthy Living

	Meets or Exceeds State Goal	Needs Improvement
8 Measures	HIV Incidence Rate	Life Expectancy
	Chlamydia Infection Rate	Increase Physical Activity
	Children & Adolescents Who Are Obese	***Worst in the State**** Adolescents Who Use Tobacco Products
	Adults Who Are At A Healthy Weight	Adults Who Currently Smoke

LIFE EXPECTANCY AT BIRTH BY POLITICAL SUBDIVISION

GARRETT COUNTY HEALTH DEPARTMENT

Source: Maryland Vital Statistics Administration
MDH SHIP Data

Percentage of students who were obese (≥ 95th percentile for body mass index, by age and sex)

ADULTS WHO ARE NOT OVERWEIGHT OR OBESE

In Maryland in 2015, of adults considered obese, 52% had high blood pressure, 44% had high cholesterol, and 21% had diabetes.

MD SHIP DATA

Percentage of students who currently used cigarettes, cigars, smokeless tobacco, or electronic vapor products on one or more of the past 30 days.

MD – All tobacco products 14.4%
- All tobacco products and electronic vapor products – 21.6%

Source: YRBS, 2016 High School

Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days

MD – 2014- 13.1%
2016- 13%

2012 Rate was 31.7%

Source: YRBS, 2014 & 2016 High School

Healthy Communities

	Meets or Exceeds State Goal	Needs Improvement
4 Measures	Pedestrian Injury Rate On Public Roads	Children Maltreatment Rate
	Affordable Housing	
	Domestic Violence	

DOMESTIC VIOLENCE

CHILD MALTREATMENT

This indicator shows the rate of children who are maltreated per 1,000 population under the age of 18. Child abuse or neglect can result in physical harm, developmental delays, behavioral problems, or death. <u>Abused and neglected children are at greater risk than other children for delinquency and mistreatment of their own children</u>

2015 MD SHIP

Access To Care

	Meets or Exceeds State Goal	Needs Improvement
4 Measures	Uninsured ED Visits	
	BEST IN THE STATE Children Receiving Dental Care in The Last Year	*WORST IN THE STATE* Adolescents Who Received A Wellness Checkup In The Last Year
	Persons With A Usual Care Provider	

Persons with Usual Primary Care Provider

GARRETT COUNTY HEALTH DEPARTMENT

Measurement Period 2014

Measurement Period 2015

Uninsured Emergency Department Visits

GARRETT COUNTY HEALTH DEPARTMENT

Measurement Period 2015

Adolescents who received wellness checkup in last year

MD 2017 Goal 57.4

Measurement Period 2015

Measurement Period 2016

Source: MD SHIP

Quality Preventive Care

	Meets or Exceeds State Goal	Needs Improvement
10 Measures	*2nd Best In The State* Age-Adjusted Mortality Rate From Cancer	Hospitalization Rate Related to Alzheimer's or other dementias
	ED Visit Rates Due to : I. Hypertension (3rd Best in State) II. Addiction Related Condition	ED Visit Rates Due to: I. Mental Health Conditions II. Asthma III. Heart Disease IV. Dental Care V. Diabetes
		Annual Seasonal Flu Vaccinations

AGE ADJUSTED DEATH RATES OF MALIGNANT NEOPLASMS 2014 - 2016

MD Vital Statistics

Percentage of Death Due to Malignant Neoplasms of Breast

2015/2016 Vital Statistics

MORTALITY RATE FROM Heart Disease

GARRETT COUNTY HEALTH DEPARTMENT

Emergency Department Visit Rate for Dental Care

Source: 2014 SHIP

Maryland SHIP Indicators

GARRETT COUNTY HEALTH DEPARTMENT

Focus Area	Indicator	Jurisdictions	Value	Change	Goal met?
Healthy Beginnings	Infant death rate	Garrett	Null	Null	Null
	Babies with Low birth weight	Garrett	10.6	3.0	No
	Sudden unexpected infant death rate (SU..	Garrett	Null	Null	Null
	Teen birth rate	Garrett	23.2	-6.4	No
	Early prenatal care	Garrett	78.4	-2.8	Yes
	Students entering kindergarten ready to le..	Garrett	59.0	4.0	No
	High school graduation rate	Garrett	93.5	0.3	No
	Children receiving blood lead screening	Garrett	58.1	-6.8	No
Healthy Living	Adults who are a healthy weight	Garrett	27.3	-12.9	No
	Children and adolescents who are obese	Garrett	16.0	0.4	No
	Adults who currently smoke	Garrett	15.1	-4.8	Yes
	Adolescents who use tobacco products	Garrett	33.0	-1.3	No
	HIV incidence rate	Garrett	7.8	3.9	Yes
	Chlamydia infection rate	Garrett	166.6	-53.6	Yes
	Life expectancy	Garrett	79.5	0.2	No
	Increase physical activity	Garrett	45.9	-4.8	No
Healthy Communities	Child maltreatment rate	Garrett	10.0	0.8	No
	Suicide rate	Garrett	Null	Null	Null
	Domestic Violence	Garrett	475.1	-43.5	No
	Children with elevated blood lead levels	Garrett	0.2	0.2	Yes
	Fall-related death rate	Garrett	Null	Null	Null
	Pedestrian injury rate on public roads	Garrett	Null	Null	Null
	Affordable Housing	Garrett	57.7	1.7	Yes
Access to Health Care	Adolescents who received a wellness che..	Garrett	42.9	2.6	No
	Children receiving dental care in the last y..	Garrett	72.0	-2.1	Yes
	Persons with a usual primary care provider	Garrett	86.0	2.9	Yes
	Uninsured ED Visits	Garrett	5.8	-1.5	Yes
Quality Preventive Care	Age-adjusted mortality rate from cancer	Garrett	131.8	-19.1	Yes
	Emergency Department visit rate due to d..	Garrett	352.1	154.5	No
	Emergency Department visit rate due to H..	Garrett	148.9	2.6	Yes
	Drug-induced death rate	Garrett	Null	Null	Null
	Emergency Department Visits Related to ..	Garrett	7826.4	916.4	No
	Hospitalization rate related to Alzheimer's..	Garrett	157.4	-42.8	Yes
	Annual season influenza vaccinations	Garrett	36.7	1.3	No
	Emergency department visit rate due to a..	Garrett	48.5	-3.8	Yes
	Age-adjusted mortality rate from heart dis..	Garrett	222.5	19.4	No
	Emergency Department Visits for Addictio..	Garrett	995.4	48.3	Yes
	Emergency department visit rate for denta..	Garrett	811.3	-143.7	No

Blue bar shows the County Value

Red line shows MD 2017 target

MD SHIP DATA

Chart 1: Quartile Rankings by Jurisdiction Based on PQI & SHIP Indicators, 2016 PCO Needs Assessment*

GARRETT COUNTY HEALTH DEPARTMENT

Jurisdictions	Indicator Score	
Montgomery	293	Top Quartile (Best)
Howard	339	
Queen Anne's	366	
Carroll	403	
Frederick	405	
Harford	469	
Calvert	527	Second Quartile
Garrett	532	
Anne Arundel	554	
Worcester	596	
Talbot	598	
Cecil	633	
Prince George's	640	Third Quartile
Saint Mary's	647	
Caroline	651	
Charles	689	
Somerset	690	
Baltimore County	699	
Kent	716	Bottom Quartile (Worst)
Washington	724	
Allegany	767	
Wicomico	811	
Dorchester	864	
Baltimore City	1,011	

Table 1: Health Indicator Rankings by Jurisdiction, Maryland, 2016 (PQI & SHIP)

Prevention Quality Indicators (PQI) & State Health Improvement Process (SHIP) Rankings by Jurisdiction

Jurisdictions	Allegany	Anne Arundel	Baltimore Cirty	Baltimore County	Calvert	Caroline	Carroll	Cecil	Charles	Dorchester	Frederick	Garrett	Harford	Howard	Kent	Montgomery	Prince George's	Queen Anne's	Saint Mary's	Somerset	Talbot	Washington	Wicomico	Worcester
Indicators/Tables																								
PQI Data																								
2. Diabetes with Short-term Complications	20	13	24	16	8	9	3	11	12	23	5	17	10	6	14	1	18	7	2	4	19	22	21	15
3. Diabetes with Long-term Complications	22	11	24	23	1	13	3	7	20	19	5	14	8	10	21	2	17	6	9	18	16	15	12	4
4. Chronic Obstructive Pulmonary Disease (COPD) or Asthma in Older Adults	15	11	24	12	9	17	8	16	19	23	10	5	6	2	22	1	7	3	20	21	14	18	13	4
5. Hypertension	21	2	24	19	1	6	5	10	22	23	7	11	8	3	20	12	17	4	16	14	15	18	13	9
6. Heart Failure	10	13	24	18	14	20	4	2	16	23	8	3	9	5	11	1	19	6	21	17	12	7	22	15
7. Dehydration	20	11	23	16	5	21	9	19	7	24	3	1	14	6	22	2	8	12	17	10	15	18	13	4
8. Bacterial Pneumonia	23	6	20	7	19	15	12	17	13	18	10	5	9	2	14	1	3	4	21	8	11	24	22	16
9. Urinary Tract Infection	20	12	23	16	8	21	6	10	13	22	2	3	15	11	24	5	14	4	9	7	17	19	18	1
10. Angina Without Procedure	14	13	24	21	23	6	17	10	5	3	1	19	20	8	15	11	12	7	16	18	22	2	9	4
11. Uncontrolled Diabetes Without Complications	20	3	24	17	8	16	2	9	15	6	5	21	12	10	14	7	18	4	13	11	19	22	23	1
12. Asthma in Younger Adults	3	12	24	19	11	2	10	6	18	23	9	22	8	4	15	5	16	1	17	7	13	20	21	14
13. Lower Extremity Amputations Among Admissions for Diabetes	21	14	24	20	6	8	10	4	9	3	16	7	17	5	22	2	13	11	23	18	1	15	19	12
14. AHRQ overall Prevention Quality Indicator (PQI) composite	21	10	24	15	9	18	5	12	16	23	6	4	7	2	22	1	11	3	17	14	13	20	19	8
15. AHRQ acute Prevention Quality Indicator (PQI) composite	23	10	24	13	15	19	9	16	11	22	3	2	12	4	20	1	6	5	17	8	14	21	18	7
16. AHRQ chronic Prevention Quality Indicator (PQI) composite	15	11	24	19	8	16	4	9	20	23	6	7	5	2	22	1	12	3	17	18	13	14	21	10

Created by PCO, OPCA, PHPA, DHMH, 2/24/16

Source: HSCRC, 2014 data prepared by the Virtual Data Unit. Data results after application of AHRQ PQI methodology.

* Includes only Maryland Residents.

[1]Quartile ranking was modified to address the range of counties reporting data

Data retrieved from Maryland's State Health Improvement Process' (SHIP) website

- Top Quartile (Best)
- Second Quartile
- Third Quartile
- Bottom Quartile (Worst)
- Data Unavailable/Sample Size too Small

Table 1: Health Indicator Rankings by Jurisdiction, Maryland, 2016 (PQI & SHIP)

Prevention Quality Indicators (PQI) & State Health Improvement Process (SHIP) Rankings by Jurisdiction

Jurisdictions	Allegany	Anne Arundel	Baltimore Cirty	Baltimore County	Calvert	Caroline	Carroll	Cecil	Charles	Dorchester	Frederick	Garrett	Harford	Howard	Kent	Montgomery	Prince George's	Queen Anne's	Saint Mary's	Somerset	Talbot	Washington	Wicomico	Worcester
SHIP Data																								
Healthy Beginnings																								
17. Infant Death Rate	16	9	24	12	3	20	1	10	11	12	2	17	5	6	15	3	18	14	6	23	18	6	22	20
18. Babies With Low Birth Weight	22	11	24	17	19	5	9	8	15	22	10	13	6	14	18	11	21	3	4	2	19	6	16	1
19. Sudden Unexpected Infant Death Rate (SUIDs)[1]	13	6	14	5			8	9	7		4		3	1		2	12		11			9		
20. Teen Birth Rate	19	11	24	10	8	18	2	16	13	22	4	21	3	1	7	6	17	5	9	23	12	20	15	14
21. Early Prenatal Care	4	17	23	22	7	13	18	10	21	16	8	3	12	18	2	20	24	1	6	9	15	19	14	5
22. Students Entering Kindergarten Ready to Learn*	6	14	20	11	13	1	2	18	16	20	6	6	6	14	22	17	18	3	10	4	23	24	4	11
23. High School Graduation Rate*	9	18	24	19	2	22	1	16	10	17	7	5	13	6	14	14	23	3	4	20	8	12	21	11
24. Children Receiving Blood Lead Screening	1	15	5	6	24	3	21	20	11	13	22	16	17	18	10	8	12	23	7	4	2	19	14	9
Healthy Living																								
25. Adults who are a Healthy Weight	19	7	9	11	15	18	6	15	20	14	5	3	8	4	23	1	13	2	12	24	10	20	17	22
26. Children And Adolescents Who Are Obese (high school)	17	14	19	12	8	20	6	16	15	23	7	21	8	1	22	2	18	3	5	24	4	11	12	10
27. Adults who Currently Smoke	23	10	22	13	8	21	15	10	3	13	17	19	7	6	16	1	5	17	24	2	9	20	4	12
28. Adolescents who Use Tobacco Products	22	6	4	7	15	20	8	18	5	17	10	24	11	1	21	2	3	13	9	15	11	18	14	23
29. HIV Incidence Rate	10	14	24	19	3	4	2	12	22	16	9	5	17	15	1	21	23	7	13	20	11	8	18	6
30. Chlamydia Infection Rate*	12	11	24	17	10	15	1	7	20	23	8	3	2	5	14	9	22	4	6	16	18	13	19	21

Created by PCO, OPCA, PHPA, DHMH, 2/24/16

Source: HSCRC, 2014 data prepared by the Virtual Data Unit. Data results after application of AHRQ PQI methodology.

* Includes only Maryland Residents.

[1]Quartile ranking was modified to address the range of counties reporting data

Data retrieved from Maryland's State Health Improvement Process' (SHIP) website

- Top Quartile (Best)
- Second Quartile
- Third Quartile
- Bottom Quartile (Worst)
- Data Unavailable/Sample Size too Small

Table 1: Health Indicator Rankings by Jurisdiction, Maryland, 2016 (PQI & SHIP)

Prevention Quality Indicators (PQI) & State Health Improvement Process (SHIP) Rankings by Jurisdiction

Jurisdictions	Allegany	Anne Arundel	Baltimore Cirty	Baltimore County	Calvert	Caroline	Carroll	Cecil	Charles	Dorchester	Frederick	Garrett	Harford	Howard	Kent	Montgomery	Prince George's	Queen Anne's	Saint Mary's	Somerset	Talbot	Washington	Wicomico	Worcester
Healthy Living Continued																								
31. Life Expectancy	19	5	24	12	12	23	6	21	16	17	4	15	10	2	6	1	8	12	10	22	3	18	20	8
32. Increase Physical Activity	21	7	17	16	19	23	5	22	1	24	2	14	13	8	19	3	12	9	3	18	11	10	15	6
Healthy Communities																								
33. Child Maltreatment Rate	22	5	20	10	13	17	2	18	9	23	11	7	12	1	15	3	8	4	6	21	16	19	14	24
34. Suicide Rate[1]	10	5	2	8	16		12	17	11		6		9	4		2	1	18	12			15	7	14
35. Domestic Violence	21	16	13	24	10	8	7	14	19	22	15	12	6	18	5	1	4	9	23	11	3	2	20	17
36. Children with Elevated Blood Lead Levels	16	5	23	10	1	20	20	12	10	5	12	1	1	5	16	5	5	19	1	20	24	12	12	16
37. Fall-related Death Rate[1]	13	3	11	12			8		5		1		10	6		4	2					7	9	
38. Pedestrian Injury Rate on Public Roads*	4	18	24	22	12	3	11	15	14	16	8	1	10	6	5	21	20	2	9	13	7	17	19	23
39. Affordable Housing	1	22	4	9	15	5	23	8	19	7	17	11	16	24	13	21	12	20	14	2	18	6	3	10
Access to Health Care																								
40. Adolescents who Received a Wellness Checkup in the Last Year	13	18	6	7	20	12	19	17	23	9	14	24	14	4	16	1	8	22	21	2	3	10	5	11
41. Children Receiving Dental care in the Last Year	16	19	14	15	20	3	23	22	24	6	10	1	17	12	7	2	13	8	21	4	5	18	11	9
42. Persons with a Usual Primary Care Provider	19	16	23	17	3	13	7	2	11	22	9	11	8	17	14	21	24	5	10	1	6	4	20	14
43. Uninsured ED Visits*	2	20	22	21	5	14	2	7	15	13	17	10	2	16	1	23	24	7	6	9	11	18	19	11

- Top Quartile (Best)
- Second Quartile
- Third Quartile
- Bottom Quartile (Worst)
- Data Unavailable/Sample Size too Small

Created by PCO, OPCA, PHPA, DHMH, 2/24/16

Source: HSCRC, 2014 data prepared by the Virtual Data Unit. Data results after application of AHRQ PQI methodology.

* Includes only Maryland Residents.

[1]Quartile ranking was modified to address the range of counties reporting data

Data retrieved from Maryland's State Health Improvement Process' (SHIP) website

Table 1: Health Indicator Rankings by Jurisdiction, Maryland, 2016 (PQI & SHIP)

Prevention Quality Indicators (PQI) & State Health Improvement Process (SHIP) Rankings by Jurisdiction																									
	Jurisdictions	Allegany	Anne Arundel	Baltimore Cirty	Baltimore County	Calvert	Caroline	Carroll	Cecil	Charles	Dorchester	Frederick	Garrett	Harford	Howard	Kent	Montgomery	Prince George's	Queen Anne's	Saint Mary's	Somerset	Talbot	Washington	Wicomico	Worcester
Quality Preventive Care																									
44. Age-adjusted Mortality Rate from Cancer		8	10	23	12	13	14	9	21	18	20	4	3	11	2	5	1	6	15	19	24	7	16	22	17
45. Emergency Department Visit Rate Due To Diabetes*		15	10	24	9	7	16	3	18	16	23	8	21	5	2	12	1	6	4	13	19	20	11	22	14
46. Emergency Department Visit Rate Due To Hypertension*		17	7	24	10	14	13	4	12	21	23	5	3	8	1	20	2	14	9	19	11	16	6	22	18
47. Drug-induced Death Rate[1]		14	8	16	10	13	17	9	15	3		6		11	4		1	2		3			12	7	
48. Emergency Department Visits Related to Mental Health Conditions*		15	14	20	7	6	12	8	16	3	24	11	23	5	4	10	2	1	9	21	17	13	18	19	22
49. Hospitalization Rate Related to Alzheimer's or Other Dementias*		24	16	23	17	11	2	22	4	14	8	12	9	13	15	20	5	18	3	21	19	1	10	7	6
50. Annual Season Influenza Vaccinations		24	6	15	11	17	5	10	8	14	8	12	23	2	7	16	4	21	1	21	19	3	20	18	13
51. Emergency Department Visit Rate due to Asthma		14	6	24	16	5	19	1	7	17	23	4	10	8	2	18	3	11	12	13	20	21	9	22	15
52. Age-Adjusted Mortality Rate From Heart Disease		22	6	21	9	16	17	10	15	13	18	7	20	8	2	4	1	11	5	14	24	3	19	23	12
53. Emergency Department Visits for Addictions-Related Conditions*		11	13	24	10	14	9	7	19	4	23	8	5	16	1	12	2	3	6	20	18	15	17	22	21
54. Emergency Department Visit Rate for Dental Care*		15	6	23	8	14	16	5	21	10	24	4	11	9	1	19	2	3	7	12	17	18	13	22	20

- Top Quartile (Best)
- Second Quartile
- Third Quartile
- Bottom Quartile (Worst)
- Data Unavailable/Sample Size too Small

Created by PCO, OPCA, PHPA, DHMH, 2/24/16

Source: HSCRC, 2014 data prepared by the Virtual Data Unit. Data results after application of AHRQ PQI methodology.

* Includes only Maryland Residents.

[1]Quartile ranking was modified to address the range of counties reporting data

Data retrieved from Maryland's State Health Improvement Process' (SHIP) website

Garrett County Overdose Deaths by Year

By Year	Total OD Deaths	Any Opiate	Any Heroin	No Opiates
2007	1	0	0	1
2008	3	2	0	1
2009	3	2	1	1
2010	4	2	0	2
2011	3	1	2	1
2012	0	0	0	0
2013	6	4	1	2
2014	2	2	1	0
2015	5	4	4	1
2016	1	0	0	1
2017	7	3	0	4
Total	**35**	**21**	**9**	**14**
Average	**3.5**	**2.1**	**.9**	**1.4**

Source: MDH, Office of the Chief Medical Examiner

Garrett County Overdose Deaths by Year

Source: MDH, Office of the Chief Medical Examiner

Marijuana Use, High School

Past 30 Days

	2004	2007	2010	2012	2013	2014	2016
Garrett County	19	17.8	22.2	16.8	17.5	16.4	15.4
MD	18.8	17.3	21.9	23.2	19.8	18.8	18.4

Garrett County MD Linear (Garrett County) Linear (MD)

Prescription Drug Misuse, High School

	2010	2012	2013	2014	2016
Garrett County	13.6	13.9	20	16.5	13.7
MD	0	0	15.2	14.2	13.7

2016 YRBS Data

Note: Wording of question changed in 2013

Heroin (ever used), High School

	2004	2007	2010	2012	2013	2014	2016
Garrett County	1.3	1.75	4.9	4.5	8.9	6	4
MD	2.1	1.2	4.1	4.2	4.9	4.2	4.3

Ever injected any illegal drug, High School

	2004	2007	2010	2012	2013	2014	2016
Garrett County	1.85	1.75		3.3	5.8	5.2	3.2
MD	1.4	1.4	3	4.1	3.9	3.6	3.8

Garrett County MD Linear (Garrett County) Linear (MD)

Past 30 day use of cocaine

	2007	2010	2012	2013	2014	2016
Garrett County	5.4	5.4	5.4	11.6	8.9	7
MD	2.25	3.2	2.7	6.5	5.4	5.4

Garrett County MD Linear (Garrett County) Linear (MD)

Used methamphetamines one or more times during their life

Garrett County Health Rankings

	Garrett County	Trend	Error Margin	Top U.S. Performers	Maryland	Rank (of 24)
Health Outcomes						**16**
Length of Life						13
Premature death	6,500		5,400-7,700	5,200	6,400	
Quality of Life						19
Poor or fair health	16%		16-17%	12%	13%	
Poor physical health days	4.1		3.9-4.4	3.0	3.5	
Poor mental health days	4.0		3.8-4.2	3.0	3.4	
Low birthweight	8%		7-10%	6%	9%	
Additional Health Outcomes (not included in overall ranking) +						
Health Factors						**14**
Health Behaviors						16
Adult smoking	15%		15-16%	14%	15%	
Adult obesity	31%		28-34%	26%	29%	
Food environment index	8.5			8.4	8.2	
Physical inactivity	28%		25-31%	19%	22%	
Access to exercise opportunities	66%			91%	93%	
Excessive drinking	17%		16-17%	12%	16%	
Alcohol-impaired driving deaths	41%		33-49%	13%	33%	
Sexually transmitted infections	190.7			145.5	462.6	
Teen births	30		26-34	17	25	
Additional Health Behaviors (not included in overall ranking) +						

County Health Rankings & Roadmaps
A Robert Wood Johnson Foundation Program

Note: Blank values reflect unreliable or missing data

Garrett County Health Rankings

	Garrett County	Trend	Error Margin	Top U.S. Performers	Maryland	Rank (of 24)
Clinical Care						16
Uninsured	9%		8-11%	8%	9%	
Primary care physicians	1,850:1			1,040:1	1,130:1	
Dentists	2,460:1			1,320:1	1,350:1	
Mental health providers	890:1			360:1	490:1	
Preventable hospital stays	46		40-52	36	46	
Diabetes monitoring	86%		79-92%	91%	85%	
Mammography screening	62%		55-69%	71%	64%	
Additional Clinical Care (not included in overall ranking) +						
Social & Economic Factors						15
High school graduation	93%			95%	87%	
Some college	52%		46-58%	72%	69%	
Unemployment	6.5%			3.3%	5.2%	
Children in poverty	19%		14-25%	12%	14%	
Income inequality	4.6		4.2-5.1	3.7	4.5	
Children in single-parent households	24%		18-29%	21%	34%	
Social associations	13.8			22.1	8.9	
Violent crime	298			62	465	
Injury deaths	60		48-74	53	58	

County Health Rankings & Roadmaps
A Robert Wood Johnson Foundation Program

Note: Blank values reflect unreliable or missing data

Garrett County Health Rankings

GARRETT COUNTY HEALTH DEPARTMENT

	Garrett County	Trend	Error Margin	Top U.S. Performers	Maryland	Rank (of 24)
Physical Environment						2
Air pollution - particulate matter	9.2			6.7	9.5	
Drinking water violations	No					
Severe housing problems	14%		12-16%	9%	17%	
Driving alone to work	79%		77-81%	72%	74%	
Long commute - driving alone	28%		25-32%	15%	48%	

Note: Blank values reflect unreliable or missing data

County Health Rankings & Roadmaps
A Robert Wood Johnson Foundation Program

County Health
Rankings & Roadmaps
Building a Culture of Health, County by County

	Garrett (GA), MD X	Westmoreland (WE), VA X PEER COUNTY	Allegany (AL), MD X
Health Outcomes			
Length of Life			
Premature death	7,300	9,400	7,900
Quality of Life			
Poor or fair health	16%	18%	17%
Poor physical health days	3.7	3.7	3.8
Poor mental health days	4.1	3.8	4.3
Low birthweight	8%	10%	9%
Health Factors			
Health Behaviors			
Adult smoking	16%	17%	16%
Adult obesity**	31%	32%	35%
Food environment index**	8.8	8.3	7.1
Physical inactivity**	29%	30%	28%
Access to exercise opportunities	71%	44%	83%
Excessive drinking	14%	15%	18%
Alcohol-impaired driving deaths	38%	42%	56%
Sexually transmitted infections**	141.5	320.4	327.6
Teen births	30	39	27
Clinical Care			
Uninsured	8%	14%	6%
Primary care physicians	1,840:1	8,810:1	1,650:1
Dentists	2,450:1	17,590:1	1,500:1
Mental health providers	870:1	17,590:1	410:1
Preventable hospital stays	46	54	63
Diabetes monitoring	86%	88%	85%
Mammography screening	62%	60%	70%
Social & Economic Factors			
High school graduation**	93%	83%	92%
Some college	53%	55%	53%
Unemployment	5.5%	4.6%	6.1%
Children in poverty	19%	28%	22%
Income inequality	4.7	4.3	4.8
Children in single-parent households	23%	35%	34%
Social associations	14.9	20.4	18.2
Violent crime**	298	145	323
Injury deaths	69	87	81
Physical Environment			
Air pollution - particulate matter	9.2	8.3	9.5

GARRETT COUNTY HEALTH DEPARTMENT

County Road Maps

County Health
Rankings & Roadmaps
A Robert Wood Johnson Foundation Program

378

PAGEVIEWS

125

UNIQUE VISITORS

GC2020

GARRETT COUNTY COMMUNITY HEALTH IMPROVEMENT PLAN

125,000+

PAGEVIEWS

20,000+

USERS

$175,000+

EXTERNAL COMMUNITY INVESTMENT

MyGarrettCounty.com

COMMUNITY ENGAGEMENT & HEALTH PLANNING WEBSITE

Priorities for 2018

- Chronic Disease, focusing on risk factors-nutrition, physical Activity and tobacco
- Access to Care & Linkages to Community Resources
- Behavioral Health: Mental Health & Substance Use
- Family Structure with emphasis on maternal, child and adolescent health
- Social Determinants of health, specifically economic inequities and poverty

Areas of Concern

- Teen Births
- Physical Inactivity
- Drug abuse and addiction
- What others?