



## Your Job:

1) Review the information in this report.

2) Do you agree with Health Priority Topics chosen for the next 3 years?

If not, send email to [hvcohealth@harveycounty.com](mailto:hvcohealth@harveycounty.com) or call 316-283-5667 x 217 and leave your suggestions.

3) Share this report with others. Comment time is open through March 6, 2017

## Proposed Health Priorities for next 3 years:

- **Transportation for access to care, services & food**
- **Improve Well-Being/Mental Health/Behavioral Health**
- **Prevent & Manage Chronic Disease/Reduce Obesity**

**2017  
Community  
Health  
Needs  
Assessment**

**(CHA)**

**Health happens where we  
Live, Learn, Work, Worship  
and Play!**

**2017  
Community  
Health  
Needs  
Assessment  
Goal**

To develop a **three year community health improvement plan (CHIP)** based on what community members perceive and relevant data show as health priorities.

# CHA Core Team

- **Prairie View, Inc.**
- **Newton Fire/EMS**
- **Harvey County Health Department**
- **Health Ministries Clinic, Inc.**
- **Newton Medical Center**

# Harvey County

## Community Health Assessment 2017

Secondary Data,  
Community Health Survey,  
and Focus Group responses

# Harvey County Community Health Needs Assessment

## **Priorities Established in 2013 for 5-year Plan**

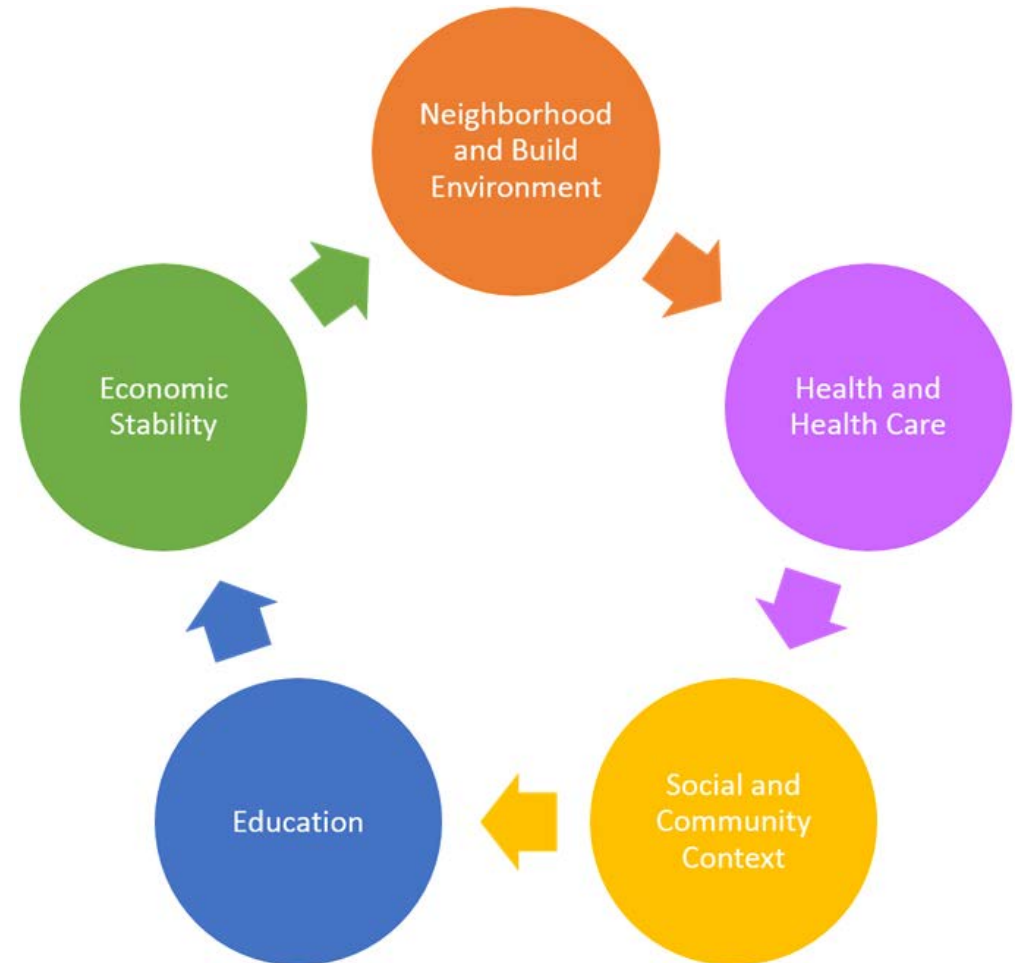
1. Promote health, wellness, and chronic disease prevention
2. Improve communication and collaboration between health care providers
3. Focus on youth

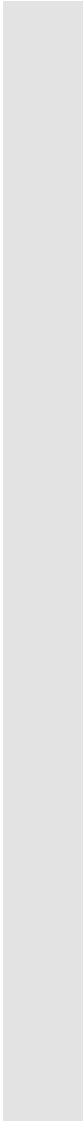

# Background

## Social Determinants of Health

- environmental conditions in which people are born, play, live, learn, work, worship and age.

- Nature vs Nurture





# Harvey County Demographic Data



# Harvey County Demographics

Indicator	2010		2013		2015	
Population	34,150		34,722		34,835	
Gender	M/16,405	F/17,745	M/16,704	F/18,018	M/17,026	F/17,809
Median Age	38.7		38.5		38.6	
Race (White)	31,070 (91.0%)		32,181 (92.7%)		32,367 (92.9%)	
Ethnicity (Hispanic)	3,536 (10.4%)		3,782 (10.9%)		3,951 (11.3%)	
Median Income	\$46,604		\$50,287		\$51,327	
No Health Insurance	NA		10.3		8.8%	
People below Poverty Level	NA		12.8		13.2%	

\*Taken from U.S. Census Bureau

# Rurality

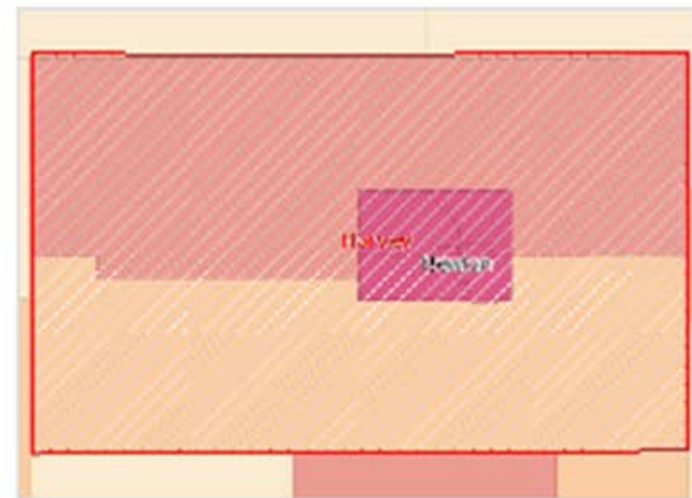
Total population:  
34,684  
Rural 10,724 (30.9%)  
Urban 23,960 (69.1%)

## Urban and Rural Population

This indicator reports the percentage of population living in urban and rural areas. Urban areas are identified using population density, count, and size thresholds. Urban areas also include territory with a high degree of impervious surface (development). Rural areas are all areas that are not urban.

Report Area	Total Population	Urban Population	Rural Population	Percent Urban	Percent Rural
Harvey County, KS	34,684	23,960	10,724	69.08%	30.92%
Kansas	2,853,118	2,116,961	736,157	74.2%	25.8%
United States	312,471,327	252,746,527	59,724,800	80.89%	19.11%

Data Source: US Census Bureau, [Decennial Census](#), 2010. Source geography: Tract



### Urban Population, Percent by Tract, US Census 2010

- 100% Urban Population
- 90.1 - 99.9%
- 50.1 - 90.0%
- Under 50.1%
- No Urban Population
- No Data or Data Suppressed
- Report Area

\*Data taken from communitycommons.com



# Social & Economic Factors

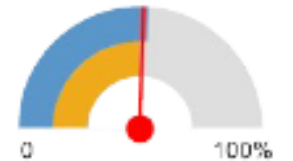
# Free/Reduced Lunch

Report Area	Total Students	Number Free/Reduced Price Lunch Eligible	Percent Free/Reduced Price Lunch Eligible
Harvey County, KS	5,785	2,938	<b>50.79%</b>
Kansas	491,553	246,033	50.05%
United States	50,195,195	26,012,902	52.35%

Note: This indicator is compared with the state average.

Data Source: National Center for Education Statistics, [NCES - Common Core of Data](#), 2013-14. Source geography: Address

Percent Students Eligible for Free or Reduced Price Lunch



- Harvey County, KS (50.79%)
- Kansas (50.05%)
- United States (52.35%)

## Children Eligible for Free Lunch (Alone) by Year, 2009-10 through 2013-14

The table below shows local, state, and National trends in student free and reduced lunch eligibility.

Note: Data for the 2011-12 school year are omitted due to lack of data for some states.

Report Area	2009-10	2010-11	2012-13	2013-14
Harvey County, KS	46.8%	49.22%	44.12%	50.79%
Kansas	45.7%	47.69%	49.61%	50.13%
United States	47.76%	49.24%	51.77%	52.45%

\*Data taken from communitycommons.com

Increase in participants between 2009 – 2014 from 46.8 – 50.79%

# Food Insecurity

Harvey County Specific Data

.06 food markets /  
1,000 people

0.7 restaurants /  
1,000 people

0.2 grocery stores /  
1,000 people

.0144 liquor stores /  
1,000 people

## Food Insecurity Rate

This indicator reports the estimated percentage of the population that experienced food insecurity at some point during the report year. Food insecurity is the household-level economic and social condition of limited or uncertain access to adequate food.

Report Area	Total Population	Food Insecure Population, Total	Food Insecurity Rate
Harvey County, KS	34,722	4,490	12.93%
Kansas	2,893,957	419,330	14.49%
United States	320,750,757	48,770,990	15.21%

Note: This indicator is compared with the state average.

Data Source: [Feeding America](#). 2013. Source geography: County

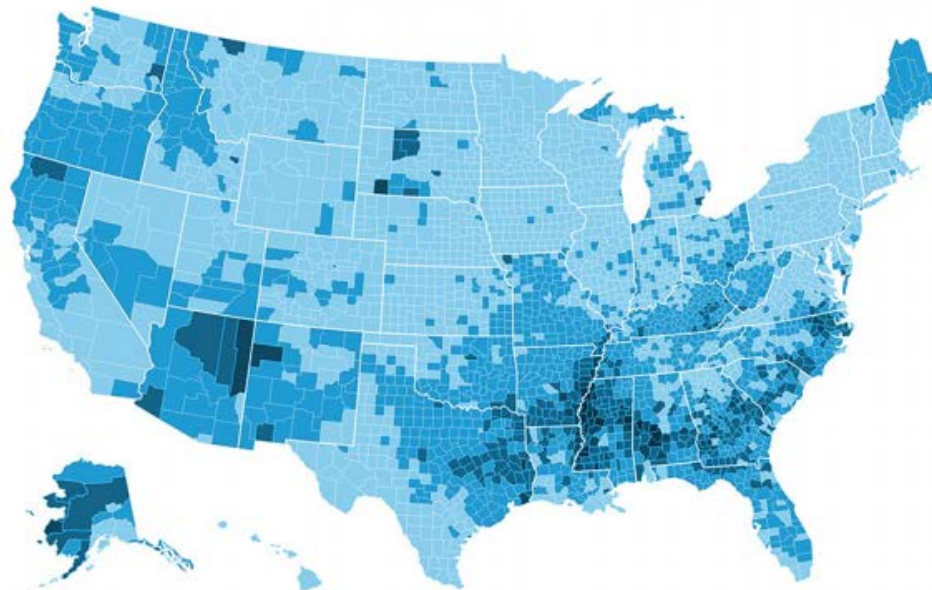
Percentage of the Population with Food Insecurity



Harvey County, KS (12.93)  
Kansas (14.49)  
United States (15.21)

FOOD INSECURITY RATES

4-14%	15-19%	20-24%	25-29%	30%+
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Using the annual USDA Food Security Survey, we model the relationship between food insecurity and other variables at the state level and, using information for these variables at the county level, we establish food insecurity by county.

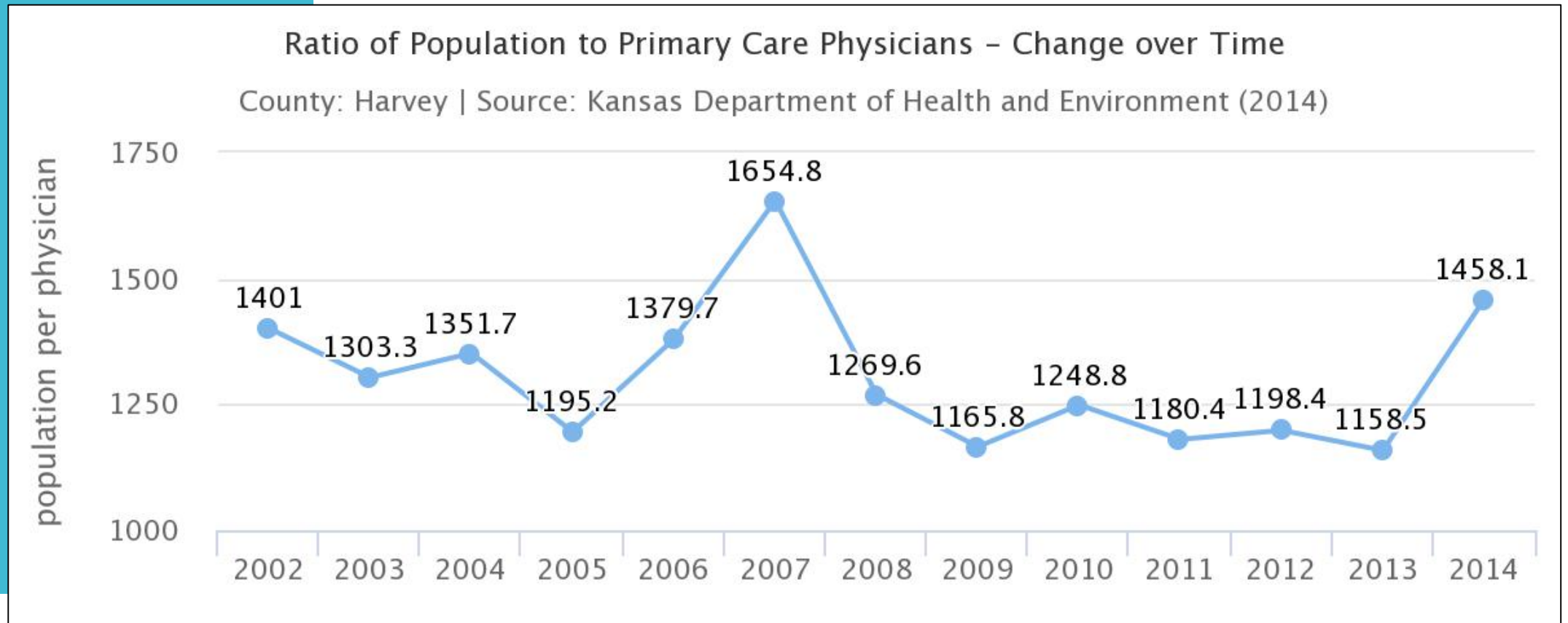
Visit [map.feedingamerica.org](http://map.feedingamerica.org) for a complete printable, interactive map of county-level food insecurity and food cost data.

\*Data taken from [communitycommons.com](http://communitycommons.com)



# Health Outcomes

# Health Care Access



\*This data was collected from Kansas Health Matters, based off reports from KDHE.



# Chronic Conditions

Harvey County Specific Data

KS Health Matters 2013 shows:

**Cholesterol at 37.1%**  
**Diabetes**

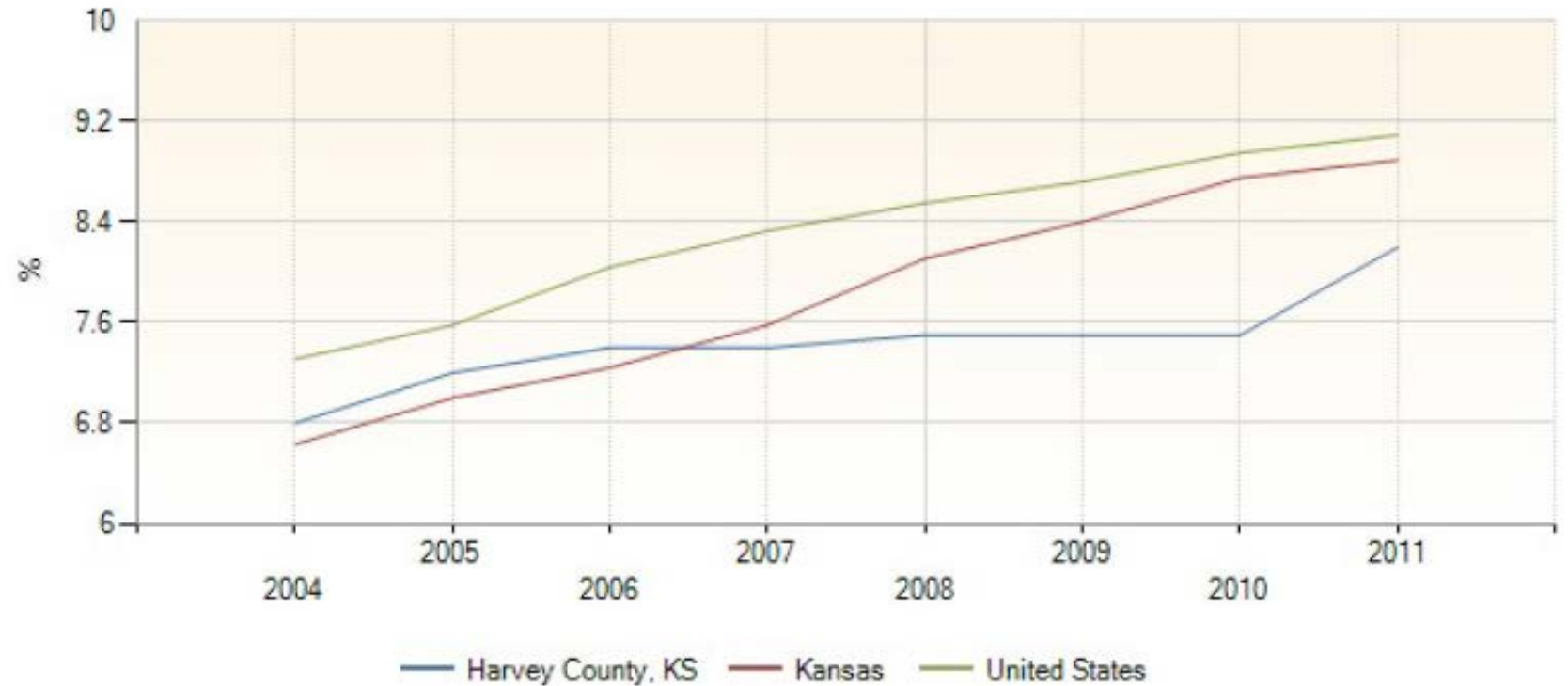
**11% (2013)**

**9.8% (2015)**

**Healthy People 2020 set Diabetes goal at 13.5%**

	High Blood Pressure	Diabetes	Cholesterol
Harvey County	21%	7.5%	39.4% (2012)
Kansas	27.4%	8.2%	38.5
United States	28.2%	11%	38.5

Percent Adults with Diagnosed Diabetes by Year, 2004 through 2012





# Weight and Weight-related Conditions

Harvey County Specific Data

- **Kansas ranks 7<sup>th</sup> highest in the nation [5]**•

Issues of Weight	2011	2013	2015
Percentage of Adults who are Overweight	29.8%	37.5%	38.1%
Percentage of Adults who are Obese	36.8%	28.7%	36.9% Healthy People 2020 Goal: 30.5%
Not Meeting Physical Activity Guidelines	87.4%	82.5%	82.7%** Healthy People 2020 Goal: 20.1%

\*Cardiovascular-related morbidity and mortality is leading cause of death

\*Data from Kansas Health Matters

\*\* Data from Kansas Behavioral Risk Factor Surveillance System

# Infant/Maternal Health

Harvey County Specific Data

Maternity and Child	2010	2012	2014
Total Births per 1,000 people	13	13	12.1
Births to Mothers without High-School	14.47%	14.04%	14.01%
Infant Mortality Rate (deaths under age 1/1000 live births)	N/A	6.48	7.3
Percent of Low Birth Weight (live births weighing under 5.5lbs.)	7.0%	6.9%	8.0%
Percent of Mothers who smoked during pregnancy	15.2%	15.1%	13.3%

\*Data taken from Kansas Health Matters

# Substance Abuse

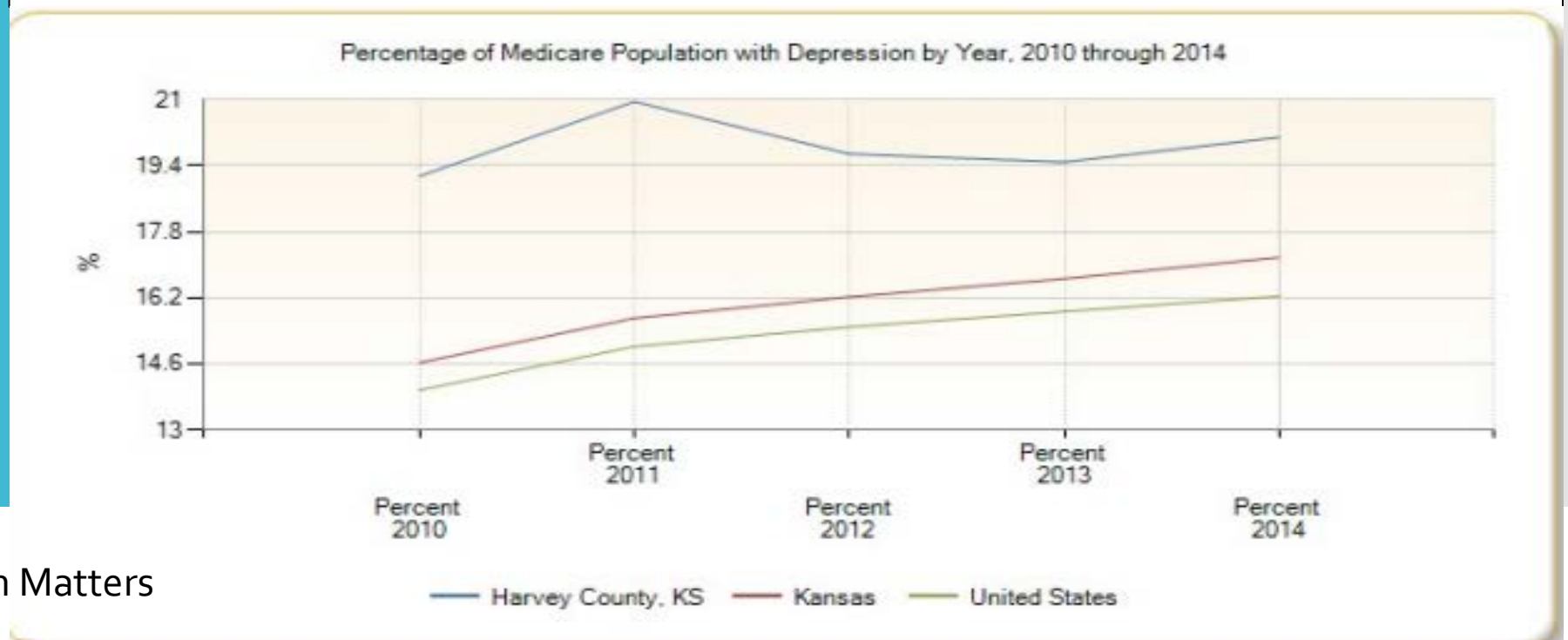
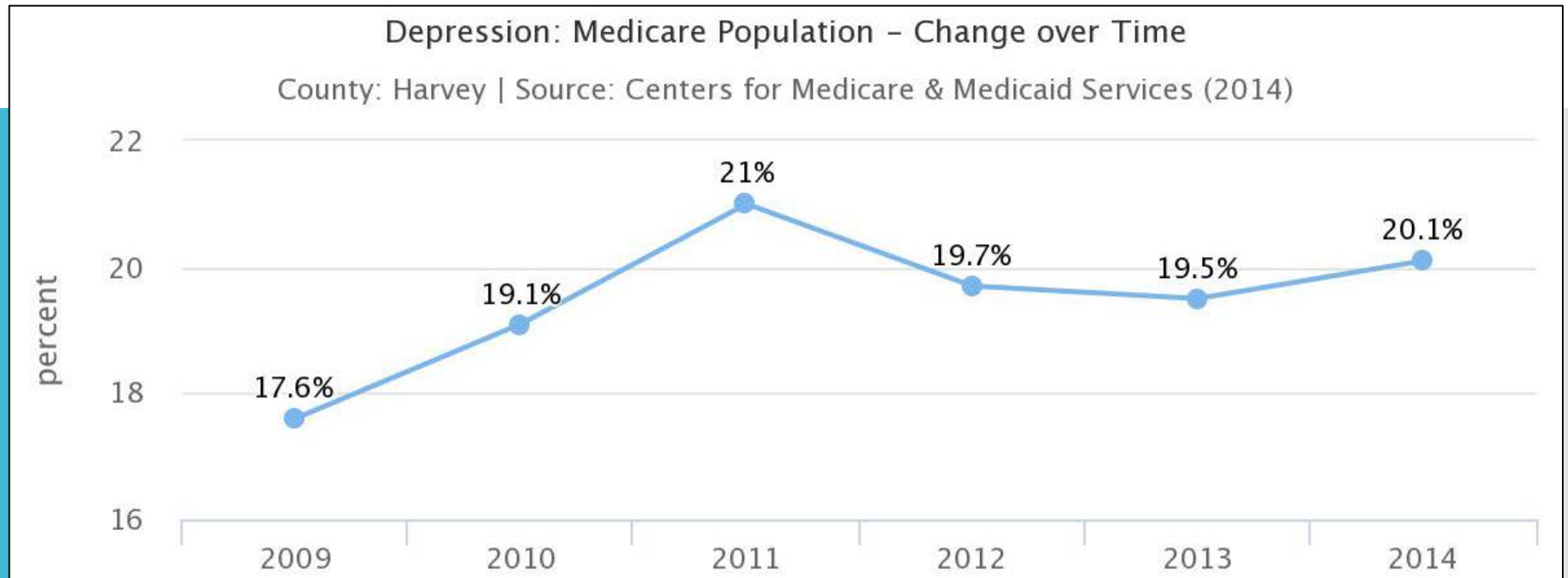
Harvey County Specific Data

- 13% of adults in Harvey County binge drink\*
- 14.5% of adults smoke\*
- 7.5 Deaths from drug poisoning / 100,000 pop (Source: County Health Rankings)



\*Data taken from Kansas Behavioral Risk Factor Surveillance System

# Depression



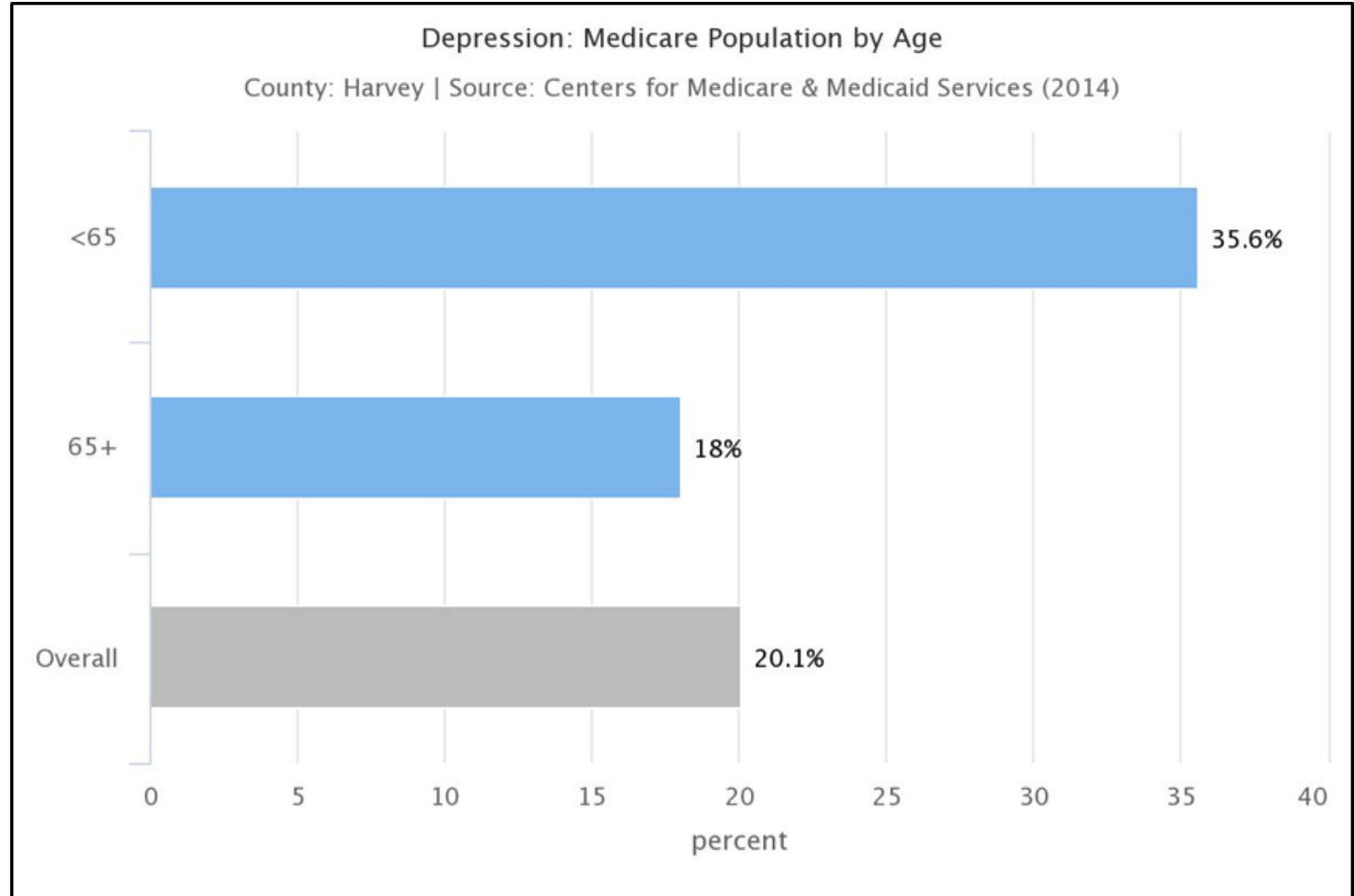
\*Data taken from Kansas Health Matters

# Depression

## Harvey County Specific Data

### Hospital discharges of Youth (<18) with mental health dx (ICD10: 880-887) Rate/1,000 youth

2011	2.1
2013	1.6
2015	3.0



\*Data taken from Kansas Health Matters

**NOTE:**

The information provided reflects the perceptions of only the 780 individuals who took the survey.

# Harvey County Community Health Survey Data

# Survey Sample Size

## 2017

- Harvey Co. Pop.:  
34,835 <sup>[1]</sup>
- Sample Size: 780
- 2.24% of population

## 2013

- Harvey County Pop.:  
34,722
- 318 Telephone  
Responses
- 274 Internet Survey  
Responses
- 1.7% of population

# Sampling Method

- The Community Health Needs Survey was a **convenience sample**.
- Benefits:
  - Low Cost
  - Helpful for generating hypotheses
  - Quick and simple
- Limitations:
  - High vulnerability to selection bias (unrepresentative)
  - High level of sampling error
  - High risk for confounds



# Respondent Demographic Summary

## Community Health Survey Demographic Summary

<b>Gender</b>	Female (78%)			Male (21%)	
<b>Race</b>	Caucasian (95%)			Other (5%)	
<b>Ethnicity</b>	Non-Hispanic/Latino (96%)			Hispanic/Latino (4%)	
<b>Age</b>	18-25 (5.3%)	26-39 (30.7%)	40-54 (34.3%)	55-64 (19.7%)	65+ (10.0%)
<b>Education</b>	High School (14.6%)			College (78.3%)	
<b>Income</b>	<\$20,000 (5%)	\$20-30,000 (9%)	\$30-50,000 (21%)	>\$50,000 (64%)	
<b>Residence Duration</b>	< 1 Year (2.8%)	1 – 5 Years (11.3%)	6 + Years (77.3%)	Non-resident (8.5%)	

# Survey Respondents by Zip Code

Zip Code	Town	Frequency	Percentage
66866	Peabody	6	0.84%
67020	Burrton	5	0.70%
67056	Halstead	27	3.77%
67062	Hesston	37	5.16%
67107	Moundridge	4	0.56%
67114	Newton	511	71.27%
67117	North Newton	48	6.69%
67135	Sedgwick	12	1.67%
67147	Furley	6	0.84%
67151	Walton	13	1.81%
67154	Whitewater	1	0.14%
67522	Buhler	2	0.28%
	<b>Total</b>	<b>672</b>	<b>93.72%</b>

- Responses to Q38 – Zip: 717
- 672/717 Responses from Harvey County Residents

# Statistical Comparison of Questions from two surveys

NOTE:  
The information provided reflects the perceptions of only the 780 individuals who took the survey.

**Q16: In the past 12 months was there a time you couldn't access prescription medications due to cost?**

	<b>2013</b>		<b>2016</b>	
Response	Frequency	Percent	Frequency	Percent
Yes	35	11.2%	161	21.8%
No	277	88.8%	312	42.2%
Don't Know	0	0%	5	0.7%
N/A	0	0%	261	35.3%

# Barriers to Health Care Services

**NOTE:**  
The information provided reflects the perceptions of only the 780 individuals who took the survey.

**Q15,17,18: In the past 12 months was there a time you couldn't access \_\_\_\_\_ services due to \_\_\_\_\_?**

	Medical		Dental		Mental Health	
Response	Rate	Frequency	Rate	Frequency	Rate	Frequency
Cost	121	16.4%	182	24.6%	108	14.6%
Provider Availability	511	69.2%	494	66.9%	536	72.5%

- 10.5% of respondents felt there were no medical appts available.
- 11.1% of respondents felt they didn't require mental health services.

# Survey Responses to Community Health Questions

## NOTE:

The information provided reflects the perceptions of only the 780 individuals who took the survey.

- **Question 1: Qualities of Healthy Community**
  - Good Jobs/Healthy Economy (48%)
  - Low Crime/Safe Neighborhoods (45%)
  - Good Schools (42.75%)
- **Question 3: Risky Behaviors**
  - Drug Abuse (71.12%)
  - Alcohol Abuse (37.23%)
  - Being Overweight (30.55%) & Child Abuse/Neglect (30.3%)
- **Question 4: General Concerns**
  - No (45.7%)
  - Don't Know (30.55%)
  - Yes (23.75%)

# Focus Group Data

**NOTE:**

The information provided reflects the perceptions of only the individuals who participated in the Focus Group sessions.

- Five focus groups conducted
- All focus groups conducted during January

# Focus Group Script

First **three** questions of Community Health Survey:

1. What do you think are the three most important factors for a healthy community?
2. What do you think are the three most important risky behaviors in Harvey County?
3. Do you have any general concerns about health or health care in Harvey County?

## Focus Groups and Attendance

1. City of Burrton (Attendance 17)
2. City of Halstead (Attendance 10)
3. Circle of Hope (Attendance 18)
4. National Alliance of Mental Illness (NAMI)  
(Attendance 12)
5. Casa Betania (Attendance 10)



NOTE:

The information provided reflects the topics mentioned from Focus Group participants.

“Access “ includes transportation availability, getting appointments to see health professionals, etc.



# References

- 1. *Community Health Needs Assessment*. 2016 [cited 2016 October 24]; Available from: <https://www.communitycommons.org/>.
- 2. *Community Health Needs Assessment: Harvey County, KS*. 2013, Kansas Rural Health Works: Topeka, KS.
- 3. *2016 County Health Rankings Kansas*. 2016 [cited 2016 November 21]; Available from: [http://www.countyhealthrankings.org/sites/default/files/state/downloads/CHR2016\\_KS.pdf](http://www.countyhealthrankings.org/sites/default/files/state/downloads/CHR2016_KS.pdf).
- 4. *Harvey County*. [cited 2016 October 16]; Available from: <http://www.kansashealthmatters.org/index.php?module=indicators&controller=index&action=indicatorsearch&doSearch=1&showComparisons=1&l=979>.
- 5. Gundersen, C., et al., *Map the Meal Gap 2016: Food Insecurity and Child Food Insecurity Estimates at the County Level*, in *Feeding America*. 2016, Feeding America: Chicago, IL. p. 44.
- 6. *The State of Obesity in Kansas*. 2016 [cited 2016 September, 11]; Available from: <http://stateofobesity.org/states/ks/>.

# Determining Priorities

Magnitude

Seriousness of  
the  
Consequences

**ASK...**

Level of  
Concern

Feasibility of  
Correcting

Risk of  
Inaction

Health Priority  
Topics to  
focus on for  
next 3 years

## Proposed Health Priorities for next 3 years:

- **Transportation for access to care, services & food**
- **Improve Well-Being/Mental Health/Behavioral Health**
- **Prevent & Manage Chronic Disease/Reduce Obesity**

**Next Step :  
Share report  
with others**

[www.harveycounty.com](http://www.harveycounty.com)

Through March 6, 2017



**Public Input Time:**

**Email any comments about this report or  
Proposed Health Priorities to:**

**[hvcohealth@harveycounty.com](mailto:hvcohealth@harveycounty.com)**

**or call and leave suggestions at**

**316-283-5667 x 217**