



Farmworker
Survey
Results

2014

Division of Public Health | Bureau of Community Health Systems



INTRODUCTION

The Kansas Statewide Farmworker Health Program (KSFHP) identified fifty questions from the Behavioral Risk Factor Surveillance System (BRFSS)¹ to survey 497 adult farmworkers, age 18 and over in Kansas in 2014. The BRFSS is a state-based system of health surveys that generate information about health risk behaviors, clinical preventive practices, and a health care access. Three individuals were selected to perform the surveys via telephone. These individuals were bilingual in either English and Spanish or English and Low German (Plautdietsch). In most cases farmworkers were surveyed by individuals of their same gender. A total of 203 males and 294 females were surveyed from a list of 1,021 males and 1,008 females registered farmworkers in 2014. Surveyors attempted to contact all 2,030 farmworkers but were able to reach and survey only 24.5%. A total of 86 (31 males/55 females) Low German, 15 (8 males/7 females) English and 396 (164 males/232 females) Spanish farmworkers were surveyed.

Following is a list of the questions asked, responses and discussion of each along with responses from the some of the most recent information from the BRFSS with Kansans.

QUESTION - How long have you been in the United States?

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
U.S. Born	3.8	6.7	9.3	2.5
2-years or less	3.4	-	3.5	3.5
3-5 years	5.4	-	3.5	6.1
6-10 years	21.5	6.7	7	25.3
More than 10-years	63.6	33.3	76.7	61.9

**Among all respondents, excluding unknowns and refusals.*

DISCUSSION

Time in the United States may impact on health status and/or access to health care services for farmworkers. The results show that of the non-English speakers, 30.3% of farmworkers have been in the United States ten years or less. Twenty-five percent of Spanish speaking farmworkers have been in the United States 6-10 years compared to 7% of the Low German speaking farmworkers. Low German Speaking farmworkers had the highest percentage of U.S. born and living in the U.S. more than 10-years.

¹The Behavioral Risk Factor Surveillance System (BRFSS), which is coordinated and partially funded by the Centers for Disease Control and Prevention, is the largest continuously conducted telephone survey in the world. It is conducted in every state, the District of Columbia, and several United States territories. The first BRFSS survey in Kansas was conducted as a point-in-time survey in 1990, and Kansas has conducted the BRFSS survey annually since 1992.

I. Health Status-Core

QUESTION 1 – Would you say that in general your health is:

TABLE 1 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Good to Excellent	65	80	86	59.8
Fair	32.8	20	10.5	38.1
Poor	2	-	2.3	2

TABLE 1 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Good to Excellent	65.10	64.90	87.5	71.4	87	85.5	59.8	59.9
Fair	32.5	33	12.5	28.6	6.5	12.7	38.4	37.9
Poor	2	2	-	-	3.2	1.8	1.8	2.2

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Thirty-five percent of farmworkers report their general health as fair or poor. Significant differences exist between Spanish Speaking farmworkers responses at 40.1% which compare to English Speakers at 20% and Low German Speakers at 12.8%. More females in all categories perceive their health as fair or poor compared to males in the same categories.

2012 Kansas Behavioral Risk Factor Surveillance System (BRFSS): 15.9% of adult Kansans 18-years and older have 'fair to poor' health compared to 34.8% of farmworkers.

II. Health Status-Module

QUESTION 2 – Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?

TABLE 2 – A

RESPONSES (%)	ALL	ENGLISH	LOW GERMAN	SPANISH
30 days	5.8	6.7	7.1	5.3
14 – 29 days	5.8	6.7	8.3	5.3
5 – 13 days	8	20	6	8.2
1 – 4 days	15.6	13.4	21.3	14.7
None	62.7	53.3	49.4	65.9

TABLE 2 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
30 days	4	6.8	12.5	-	-	10.9	4.3	6
14 – 29 days	4	7.1	-	14.3	6.6	9.1	3.6	6.4
5 – 13 days	5	10.1	25	14.3	3.3	7.2	4.2	10.7
1 – 4 days	12	18.3	-	28.6	13.3	25.4	12.2	16.4
None	72.8	55.8	62.5	42.9	63.3	41.8	75	59.5

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

A total of 11.6% of farmworkers have physical health that is not good for 14 days or more of the month. A higher percent of Low German Speaking farmworkers have health that is not good for 14 days at 15.4%, compared to Spanish Speaking at 10.6% and 4.9% of ES farmworkers. Male and female responses do not vary significantly.

2012 Kansas BRFSS: 10.3% of adult Kansans have physical health that is not good for '14-days or more', compared to 11.6% of farmworkers.

QUESTION 3 - Now thinking about your mental health, which includes depression and problems with emotions, for how many days during the past 30 days was your mental health not good?

TABLE 3 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
30 days	3.6	6.7	3.5	3.5
14-29 days	7.8	-	7.1	8.4
5-13 days	9.6	-	14.2	11.8
1-4 days	15.3	26.7	23.6	13.2
None	60.9	66.7	48.2	63.4

TABLE 3 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
30 days	1.50	5.10	-	14.3	3.3	3.6	1.2	5.2
14-29 days	4.5	10.2	-	-	6.6	7.3	4.2	11.2
5-13 days	10.9	12.2	-	-	16.7	12.7	10.3	12.3
1-4 days	16.4	14.6	25	28.6	16.6	27.3	15.7	11.2
None	66.8	56.8	75	57.1	56.7	43.6	68.3	59.9

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Overall, 11.4% of farmworkers report 14 or more days of mental health that is not good with 6.7% of English Speaking farmworkers, 10.6% of Low German Speaking and 11.9% of Spanish Speaking workers reporting the same. Higher percentages of females than males report 14 or more days of mental health not good with English Speaking males (-) % / English Speaking females 14.3%; Low German Speaking males 9.9% / Low German Speaking females 10.9%; and Spanish Speaking males 5.4% / Spanish Speaking females 16.4%. Approximately 51.8% of Low German Speaking farmworkers refused to answer or didn't know.

2012 Kansas BRFSS: 10.3% of adult Kansans have mental health that is not good for '14-days or more', compared to 11.4% of farmworkers.

QUESTION 4 - During the past 30 days, for about how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work or recreation?

TABLE 4 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
30 days	0.6	-	-	0.8
14-29 days	3.2	6.7	2.4	3.4
5-13 days	4	6.7	4.8	3.8
1-4 days	11	6.7	8.9	11.7
None	80.4	80	82.4	80.1

TABLE 4 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
30 days	1	0.30	-	-	-	-	1.2	0.4
14-29 days	1.5	3.3	-	14.3	-	3.6	1.8	4.3
5-13 days	3	4.7	12.5	-	3.3	5.4	2.4	4.7
1-4 days	8.5	12.9	-	14.3	13.3	7.2	7.9	14.2
None	85.6	76.9	87.5	71.4	83.3	81.8	86	75.9

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

A total of 3.8% of farmworkers report poor physical or mental health keep them from doing their usual activities 14 or more days a month with English Speaking workers at 6.7%, Low German Speaking workers at 2.4% and Spanish Speaking workers at 4.2%. Significant differences between male and female responses in each category are found with English Speaking males (-)% / English Speaking females 14.3%, Low German Speaking males (-)% / Low German Speaking females 3.6% and Spanish Speaking males 3% / Spanish Speaking females 4.7%. Approximately 82.3% of LGS farmworkers refused to answer or didn't know.

2012 Kansans BRFSS: 13.6% of adult Kansans have poor physical or mental health that keep them from doing usual activities for '14-days or more', compared to 3.8% of farmworkers.

III. Health Care Coverage-Core

QUESTION 5 - Do you have any kind of health care coverage, including health insurance, prepaid plans such as HMOs, or government plans such as Medicare?

TABLE 5 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	16.7	40	10.6	17.2
No	83.1	60	89.4	82.6

TABLE 5 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Yes	20.30	14.30	25	57.1	10	10.9	22	13.8
No	79.7	85.4	75	42.9	90	89.1	78	85.8

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Eighty-three percent of farmworkers are uninsured with 16.7% insured. While there is no significant difference in insurance coverage between the various cultural/linguistic groups there is a significant difference between males and females with total uninsured males at 79.7% to 85.4% females. Spanish and Low German Speaking females are in the group most likely to be uninsured than English Speaking females.

2012 Kansans BRFSS: 83% of adult Kansans have health care coverage, compared to 16.7% of farmworkers.

QUESTION 6 - Was there a time in the past 12 months when you needed medical care, but could not get it?

TABLE 6 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	14.3	26.7	2.4	16.4
No	85.5	73.3	97.6	83.3

TABLE 6 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Yes	11.40	16.30	12.5	42.9	6.7	-	12.2	19.4
No	88.6	83.3	75	57.1	93.3	100	87.8	80.2

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Overall, 14.3% of farmworkers experienced a time when they could not get medical care in the last 12 months when they needed it. Significant difference is found between the various linguistic cultural groups with 26.7% of English Speaking workers, 2.4% of Low German Speaking workers and 16.4% of Spanish Speaking workers not getting medical care at a time when they needed it. Females were more likely than males to not get care in the last 12 months.

QUESTION 7 - What is the main reason you did not get medical care?

TABLE 7

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Cost (Include no insurance)	84.5	50	100	86.2
Distance	2.8	-	-	3.1
Office wasn't open when I could get there	1.4	-	-	1.5
Too long a wait for an appointment	-	-	-	-
Too long a wait in waiting room	-	-	-	-
No childcare	-	-	-	-
No transportation	1.4	-	-	1.5
No access for people with disabilities	-	-	-	-
The medical provider didn't speak my language	-	-	-	-
Don't know	1.4	-	-	1.5
Refused	1.4	-	-	1.5
Other	4.2	50	-	1.5

DISCUSSION

The two most significant barriers to not getting care are cost (include no insurance) and distance to a provider at 87.3%. Other lesser barriers include 'office wasn't open when I could get there' and 'no transportation.'

QUESTION 8 - About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness, or condition.

TABLE 8 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Within the past year (anytime less than 12-months ago)	45.8	26.7	33.8	48
Within the past 2-years (1-year but less than 2-years ago)	13.9	6.7	9.4	15.2
Within the past 5-years (2-years but less than 5-years ago)	7.7	20	12.9	6.1
5 or more years	17.3	40	21.2	15.7
Never	12.9	-	10.6	13.9

TABLE 8 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Within the past year (anytime less than 12-months ago)	37.60	51.40	12.5	42.9	40	38.2	38.4	54.7
Within the past 2-years (1-year but less than 2-years ago)	11.4	15.6	12.5	-	-	14.5	13.4	16.4
Within the past 5-years (2-years but less than 5-years ago)	7.4	7.8	12.5	28.6	16.7	10.9	5.5	6.5
5 or more years	24.3	12.6	50	28.6	23.3	20	23.2	10.3
Never	17.8	9.5	-	-	20	5.5	18.3	10.8

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

A total of 12.9% of farmworkers have never visited a doctor for a routine office exam. This response varies between cultural/linguistic groups with Low German Speaking workers at 10.6% and Spanish Speaking workers at 13.9% who have never had a routine office exam. But even more telling is the difference between males at 17.8% and females 9.5% with Spanish Speaking males (18.3%) the most likely to not have a routine exam.

2012 Kansas BRFSS: 68.1% of adult Kansans had a routine check-up by a doctor 'within the past 12-months', compared to 45.8% of farmworkers.

IV. Asthma-Core***QUESTION 9 - Have you ever been told by a doctor, nurse, or other health professional that you had asthma?***

TABLE 9 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	5.6	40	5.9	4.3
No	93.5	60	94.1	94.7

TABLE 9 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Yes	5	6.10	50	28.6	6.7	5.5	2.4	5.6
No	94.6	92.9	50	71.4	93.3	94.5	97	93.1

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Overall, 5.6% of farmworkers have been told they have asthma by a doctor, nurse or other health professional. There is no a significant difference between males and females.

2012 Kansas BRFSS: 11.9% of adult Kansans have been told by a doctor they have asthma, compared to 5.6% of farmworkers.

QUESTION 10 - Do you still have asthma?

TABLE 10 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	50	83.3	40	41.2
No	42.9	16.7	60	47.1

TABLE 10 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Yes	50	50	75	100	50	33.3	25	46.2
No	50	38.9	25	-	50	66.7	75	38.5

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Fifty-percent of farmworkers surveyed report they still have asthma with males and females both reporting 50%.

2012 Kansas BRFSS: 72.6% of adult Kansans still have asthma, compared to 50% of farmworkers.

V. Diabetes-Core

QUESTION 11 - Have you ever been told by a doctor that you have diabetes?

TABLE 11 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	15.5	6.7	8.2	17.4
Yes but only during pregnancy	32.3	-	50	30.4
No	84.1	93.3	90.6	82.3

TABLE 11 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Yes	7.40	21.10	12.5	-	3.3	10.9	7.9	24.1
Yes but only during pregnancy	-	32.3	-	-	-	50	-	30.4
No	92.1	78.6	87.5	100	96.7	87.3	91.5	75.9

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

A total percent of 15.5% of farmworkers have been told by a doctor they have diabetes. English Speaking workers at 6.7%, Low German Speaking workers at 8.2% and Spanish Speaking workers at 17.4%. English Speaking males (12.5%) and Spanish Speaking females (24.1%) have the highest number of individuals reporting the disease.

2009 Kansas BRFSS: 8.5% of adult Kansans have been told by a doctor they have diabetes, compared to 15.5% of farmworkers.

VI. Diabetes-Module

QUESTION 12 - About how often do you check your blood for glucose or sugar? Include times when checked by a family member or friend, but do not include times when checked by a health professional.

TABLE 12 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
1 – 3 times per day	72.2	-	25	77.5
2 – 4 times per week	55.6	-	25	59.2
2 – 4 times per month	37.1	-	25	38.8
4 times per year	-	-	-	-
Never	14.8	100	50	10.2

**Only 54 farmworkers responded to this question.*

TABLE 12 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
1 – 3 times per day	66.70	74.30	-	-	-	33.3	77	77.7
2 – 4 times per week	46.7	58.9	-	-	-	33.3	53.9	61.1
2 – 4 times per month	26.7	41	-	-	-	33.3	30.8	41.7
4 times per year	-	-	-	-	-	-	-	-
Never	20	12.8	100	-	100	33.3	7.7	11.1

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Overall, 72.2% of farmworkers with diabetes check their blood for glucose daily while 14.8% never check their blood for glucose. The group most at risk for not checking blood for glucose is males of all groups.

2012 Kansas BRFSS: 75.9% of adult Kansans check their blood for glucose 'daily', compared to 72.2% of farmworkers.

QUESTION 13 - About how many times in the past 12 months have you seen a doctor, nurse, or other health professional for your diabetes?

TABLE 13 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
4 or more times	53.7	100	25	55
3 times	7.4	-	25	6.1
2 times	16.7	-	-	18.4
1 time	9.3	-	-	10.2
None	9.3	-	50	6.1

**Only 54 Farmworkers responded to this question.*

TABLE 13 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
4 or more times	53.40	53.90	100	-	-	33.3	53.8	55.6
3 times	13.3	5.1	-	-	-	33.3	15.4	2.8
2 times	20	15.4	-	-	-	-	23.1	16.7
1 time	6.7	10.3	-	-	-	-	7.7	11.1
None	6.7	10.3	-	-	100	33.3	-	8.3

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Much like the previous question, responses regarding visits to a health care professional show that approximately 53.7% of farmworkers have four or more visits per years with 9.3% having none. There is no significant difference between males and females that have not visited a health professional in the last 12-months.

2012 Kansas BRFSS: 11.9% of adult Kansans have 'not seen' a health provider for their diabetes in the past 12-months, compared to 9.3% of farmworkers.

QUESTION 14 - A test for "A one C" measures the average level of blood sugar over the past three months. About how many times in the past 12 months has a doctor, nurse, or other health professional checked you for "A one C"?

TABLE 14 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
4 or more times	25.9	-	-	28.6
3 times	9.3	-	-	10.2
2 times	18.5	-	-	20.4
1 time	11.1	-	-	12.2
None	11.1	100	50	6.1
Never heard of Ha1C	-	-	-	-

**Only 54 farmworkers responded to this question.*

TABLE 14 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
4 or more times	26.7	25.6	-	-	-	-	38.5	27.8
3 times	6.7	10.3	-	-	-	-	7.7	11.1
2 times	20	17.9	-	-	-	-	23.1	19.4
1 time	-	15.4	-	-	-	-	-	16.7
None	20	7.7	100	-	100	33.3	7.7	5.6
Never heard of Ha1C	-	-	-	-	-	-	-	-

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

A little less than two-thirds (64.8%) of farmworkers with diabetes have had a Ha1C in the past 12 months. Female farmworkers are more likely than males to having their Ha1C checked by a doctor, nurse or other health professional in the past 12-months.

2012 Kansas BRFSS: 92.2% of adult Kansans have had a Ha1C in the past 12-months, compared to 64.8% of farmworkers.

QUESTION 15 - About how many times in the past 12 months has a health professional checked your feet for any sores or irritations?

TABLE 15 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
4 or more times	20.4	-	-	22.4
3 times	7.4	-	-	8.2
2 times	18.5	-	-	20.4
1 time	9.3	-	-	10.2
None	38.9	100	100	32.7

TABLE 15 - B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
4 or more times	13.30	23.10	-	-	-	-	15.4	25
3 times	13.3	5.1	-	-	-	-	15.4	5.6
2 times	26.7	15.4	-	-	-	-	30.8	16.7
1 time	13.3	7.7	-	-	-	-	15.4	8.3
None	26.7	43.6	100	-	100	100	15.4	38.9

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Overall 38.9% of farmworkers with diabetes have not had their feet check by a health professional in the past 12 months. Females at 43.6% than males at 26.7% are more likely to not have had their feet checked in the past 12-months by a health professional.

2012 Kansas BRFSS: 27.6% of adult Kansans have 'never' had their feet checked by a health professional for sores or irritations in the past 12-months, compared to 38.9% of farmworkers.

QUESTION 16 - When was the last time you had an eye exam in which the pupils were dilated? This would have made you temporarily sensitive to bright light.

TABLE 16 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Within the past month	7.4	-	-	8.2
Within the past year	24.1	-	-	26.5
Within the past 2 years	14.8	-	25	14.3
2 or more years ago	22.2	100	25	20.4
Never	25.9	-	25	26.5

TABLE 16 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Within the past month	6.70	7.70	-	-	-	-	7.7	8.3
Within the past year	13.3	28.2	-	-	-	-	15.4	30.6
Within the past 2-years	20	12.8	-	-	-	33.3	23.1	11.1
2 or more years ago	33.3	17.9	100	-	-	33.3	30.8	16.7
Never	20	28.2	-	-	-	33.3	23.1	27.8

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

The results of this indicator were show 25.9% of farmworkers with diabetes never having a vision check with pupils dilated. Spanish Speaking farmworkers have the worst results at 26.5%, followed by Low German Speaking farmworkers at 25%. There is an 8% difference between males and females receiving a vision check with dilation.

2012 Kansas BRFSS: 2.3% of adult Kansans have 'never' had an eye exam in which the pupils were dilated, compared to 25.9% of farmworkers.

QUESTION 17 - Knowing that you have diabetes, please tell me what steps you take to avoid having an elevated blood sugar. [Mark all that apply]

TABLE 17 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Control or awareness or carbohydrate intake	24.3	50	40	23.4
Count carbohydrates	8.8	-	-	9.2
Exercise	23	50	-	23.4
Test blood sugar or glucose	17.6	-	-	18.4
Adjust medication	21.6	-	40	21.3
Other	1.4	-	-	1.4
Nothing	0.7	-	-	0.7

TABLE 17 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Control or awareness or carbohydrate intake	24.40	24.30	50	-	-	50	23.7	23.3
Count carbohydrates	2.4	11.2	-	-	-	-	2.6	11.7
Exercise	26.8	21.5	50	-	-	-	26.3	22.3
Test blood sugar or glucose	19.5	16.8	-	-	-	-	21.1	17.5
Adjust medication	24.4	20.6	-	-	-	50	26.3	19.4
Other	-	1.9	-	-	-	-	-	1.9
Nothing	-	0.9	-	-	-	-	-	1

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Over half of all farmworkers with diabetes do three things to help control their blood sugar by controlling or awareness of carbohydrates intake, exercising and adjusting their medication. This followed by testing blood sugar and then counting carbohydrates. A total of less than 1% does nothing to control their diabetes.

2007 Kansas BRFSS: 3.9% of adult Kansans 'do nothing' to avoid having elevated blood sugar, compared to 0.7% of farmworkers.

VII. Oral Health-Core

QUESTION 18 - How long has it been since you last visited a dentist or a dental clinic for any reason?

TABLE 18 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Within the past year (anytime less than 12-months ago)	41.3	66.7	38.8	40.9
Within the past 2-years (1-year but less than 2-years ago)	17.3	13.3	17.6	17.4
Within the past 5-years (2-years but less than 5-years ago)	14.1	6.7	22.4	12.6
5 or more years ago	20.4	13.3	18.8	21
Never	6.5	-	2.4	7.6

TABLE 18 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Within the past year (anytime less than 12-months ago)	43.10	40.10	62.5	71.4	40	38.2	42.7	39.7
Within the past 2-years (1-year but less than 2-years ago)	19.3	16	-	28.6	30	10.9	18.3	16.8
Within the past 5-years (2-years but less than 5-years ago)	11.4	16	12.5	-	16.7	25.5	10.4	14.2
5 or more years ago	18.3	21.8	25	-	10	23.6	19.5	22
Never	7.9	5.4	-	-	3.3	1.8	9.1	6.5

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Not quite half (41.3%) of farmworkers have visited with a dentist in the past 12 months with Spanish Speaking farmworkers 7.6% never visiting a dentist followed by Low German Speaking at 2.4%. Those without a visit in five or more years were 20.4% of all farmworkers with 13.3% of English Speaking, 18.8% of Low German Speaking and 21% of Spanish Speaking farmworkers. Males over all and within every cultural/linguistic group did worse than females on this indicator.

2012 Kansas BRFSS: 67.3% of adult Kansans have visited a dentist or dental clinic for any reason in the past 12-months, compared to 41.3% of farmworkers.

QUESTION 19 - How many of your permanent teeth have been removed because of tooth decay or gum disease? Include teeth lost to infection, but do not include teeth lost for other reasons, such as injury or orthodontics.

TABLE 19 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
All	2	6.7	8.2	0.5
6 or more but not all	8.1	13.3	14.1	6.6
1 to 5	47.2	33.3	49.4	47.2
None	41.1	46.7	28.2	43.7

TABLE 19 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
All	2	2	12.5	-	10	7.3	-	0.9
6 or more but not all	5.4	9.9	12.5	14.3	13.3	14.5	3.7	8.6
1 to 5	45	48.6	37.5	28.6	53.3	47.3	43.9	49.6
None	46.5	37.4	37.5	57.1	23.3	30.9	51.2	38.4

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Overall, 88.3% of farmworkers have five or less teeth removed because of tooth decay or gum disease but 10.1% have from six to all of their teeth removed. Low German Speaking and English Speaking farmworkers have the most teeth removed at 20-22% with Spanish Speaking farmworkers have significantly fewer removed than the other two groups at 7.1%.

2012 Kansas BRFSS: 85% of adult Kansans have had permanent teeth removed because of tooth decay or gum disease, compared to 88.3% of farmworkers.

QUESTION 20 - How long has it been since you had your teeth "cleaned" by a dentist or dental hygienist?

TABLE 20 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Within the past year (anytime less than 12-months ago)	33.5	40	30.6	33.8
Within the past 2-years (1-year but less than 2-years ago)	13.1	-	10.6	14.1
Within the past 5-years (2-years but less than 5-years ago)	11.1	20	20	8.8
5 or more years ago	22.4	40	30.6	19.9
Never	18.5	-	7.1	21.7

TABLE 20 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Within the past year (anytime less than 12-months ago)	34.20	33	37.5	42.9	33.3	29.1	34.1	33.6
Within the past 2-years (1-year but less than 2-years ago)	15.3	11.6	-	-	16.7	7.3	15.9	12.9
Within the past 5-years (2-years but less than 5-years ago)	10.4	11.6	12.5	28.6	23.3	18.2	7.9	9.5
5 or more years ago	16.8	26.2	50	28.6	20	36.4	14.6	23.7
Never	22.3	16	-	-	6.7	7.3	26.2	18.5

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Approximately 33.5% of all farmworkers have had their teeth cleaned in the last 12 months however of the Spanish Speaking farmworkers responding, 21.7% have never had their teeth cleaned followed by 7.1% of Low German Speaking and (-)% English Speaking farmworkers. Males are more likely than females to have gotten their teeth cleaned in the past 12-months.

2010 Kansas BRFSS: 72.8% of adult Kansans have had their teeth cleaned by a dentist or dental hygienist in the past 12-months, compared to 33.5% of farmworkers.

VIII. Tobacco Use-Core**QUESTION 21 - Do you now smoke cigarettes everyday, some days, or not at all?**

TABLE 21 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Everyday	8.1	26.7	15.3	5.8
Some days	4.8	13.3	4.7	4.5
None at all	86.9	60	80	89.4

TABLE 21 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Everyday	13.9	4.1	25	28.6	33.3	5.5	9.8	3
Some days	7.9	2.7	25	-	3.3	5.5	7.9	2.2
None at all	78.2	92.9	50	71.4	63.3	89.1	82.3	94.4

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Around thirteen percent of farmworkers smoke, with English Speaking farmworkers most likely to smoke followed by Low German Speaking and then Spanish Speaking farmworkers. Males are much more likely than females to smoke with males at 21.8% and females at 6.8%.

2102 Kansas BRFSS: 44.9% of adult Kansans smoke 'everyday and some days', compared to 12.9% of farmworkers.

IX. Alcohol Use-Core

QUESTION 22 - During the past 30 days, have you had at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?

TABLE 22 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	39.3	46.7	40	38.9
No	60.7	53.3	60	61.1

TABLE 22 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Yes	64.90	21.80	75	14.3	66.7	25.5	64	21.1
No	35.1	78.2	25	85.7	33.3	74.5	36	78.9

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Almost 40% of farmworkers had at least one drink of an alcoholic beverage in the past 30 days. Males were more likely to have had a drink than females.

2012 Kansas BRFSS: 50.2% of adult Kansans have had at least one drink of alcoholic beverage in the last 30-days, compared to 39.3% of farmworkers.

QUESTION 23 - One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor. During the past 30 days, on the days when you drank, about how many drinks did you drink on the average?

TABLE 23 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
1 – drink	35.9	42.9	58.8	30.5
2 – drinks	23.1	-	29.4	22.7
3 – drinks	14.4	28.6	5.9	15.6
4 – drinks	5.6	-	-	7.1
5 – 30 drinks	20.5	28.6	5.8	30.2

TABLE 23 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
1 – drink	21.40	65.60	33.3	100	45	78.6	16.2	61.2
2 – drinks	22.1	25	-	-	40	14.3	20	28.6
3 – drinks	19.1	4.7	33.3	-	5	7.1	21	4.1
4 – drinks	7.6	1.6	-	-	-	-	9.5	2
5 – 30 drinks	29.1	3.2	33.3	-	10	-	32.6	4

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

On average, approximately 75% of farmworkers had 1-3 drinks on days when they drink. Low German had the highest percentage at 94.1%. Spanish Speaking farmworkers has the highest percentage for drinking more than 5-drinks on days when they drink. Female farmworkers have a higher percentage of having 1-drink compared to males, but had a lower percentage than males of having more than 5-drinks on days when they drink.

2012 Kansas BRFSS: In the past 30-days and on days when they drink, 18.6% of adult Kansans consume 'four or more' drinks, compared to 26.1% of farmworkers.

X. Family Planning-Core

QUESTION 24 - Some things people do to keep from getting pregnant include not having sex at certain times, using birth control methods such as the pill, Norplant, shots or Depo-Provera, condoms, diaphragm, foam, IUD, having their tubes tied, or having a vasectomy. Are you or your [husband/wife/partner] doing anything now to keep [you/her] from getting pregnant?

TABLE 24 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	60.1	53.3	41.2	64.4
No	23.8	33.3	57.6	16.2
No partner/not sexually active	5	13.3	1.2	5.6
Same sex partner	-	-	-	-

TABLE 24 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Yes	61.90	58.80	37.5	71.4	36.7	43.6	67.7	62.1
No	23.8	23.8	37.5	28.6	60	56.4	16.5	15.9
No partner/not sexually active	7.4	3.4	25	-	3.3	-	7.3	4.3
Same sex partner	-	-	-	-	-	-	-	-

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Approximately two thirds of farmworkers are doing something to keep from getting pregnant. The group least likely to being doing something is the Low German Speaking farmworker group.

2004 Kansas BRFSS: 60.2% of adult Kansans do something to keep from getting pregnant, compared to 60.1% of farmworkers.

QUESTION 25 - What are you or your [if female husband/partner; if male, insert wife/partner] doing now to keep [if female, insert "you"; insert "her" if male] from getting pregnant?

TABLE 25 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Tubes tied (sterilization)	20.7	25	16.2	21.2
Vasectomy (sterilization)	4.3	-	5.4	4.2
Pill	17	-	8.1	18.8
Condoms	28.5	50	37.8	26.5
Foam, Jelly, Cream	0.7	-	2.7	0.4
Diaphragm	-	-	-	-
Norplant	1.3	-	-	1.5
IUD	14.1	-	18.9	13.8
Shots (Depo-Provera)	6.6	12.5	2.7	6.9
Withdrawal	1	-	-	1.2
Not having sex at certain times (rhythm)	3.3	12.5	5.4	2.7
No partner or not sexually active	-	-	-	-
Other methods	0.3	-	-	0.4

TABLE 25 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Tubes tied (sterilization)	16.30	23.90	-	40	-	23.1	18.3	23.4
Vasectomy (sterilization)	6.2	2.8	-	-	9.1	3.8	6.1	2.8
Pill	20.2	14.8	-	-	9.1	7.7	21.7	16.6
Condoms	33.3	25	66.7	40	45.5	34.6	31.3	22.8
Foam, Jelly, Cream	0.8	0.6	-	-	-	3.8	0.9	-
Diaphragm	-	-	-	-	-	-	-	-
Norplant	0.8	1.7	-	-	-	-	0.9	2.1
IUD	11.6	15.9	-	-	27.3	15.4	10.4	16.6
Shots (Depo-Provera)	5.4	7.4	33.3	-	9.1	-	4.3	9
Withdrawal	1.6	0.6	-	-	-	-	1.9	0.7
Not having sex at certain times (rhythm)	-	5.7	-	20	-	7.7	-	4.8
No partner or not sexually active	-	-	-	-	-	-	-	-
Other methods	0.8	-	-	-	-	-	0.9	-

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

The top four methods utilized by farmworkers to keep from getting pregnant include condoms (28.5%), tubes tied (20.7%), pill (17%), and IUDs (14.1%). Favored methods differ greatly between the three cultural/linguistic groups.

QUESTION 26 - What is the main reason for not doing anything to keep [if female husband/partner; if male, insert wife/partner] from getting pregnant?

TABLE 26 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Not sexually active or no partner	12.1	-	10	13.5
Didn't think was going to have sex or no regular partner	-	-	-	-
You want a pregnancy	10.1	-	12	9.9
You or your partner don't want to use birth control	1	-	4	-
You or your partner don't like birth control/fear side effect	2	-	8	-
You can't pay for birth control	0.5	-	-	0.7
Lapse in use of a method	-	-	-	-
Don't think you or your partner can get pregnant	3.5	-	4	3.5
You or your partner had tubes tied (sterilization)	1.5	-	2	1.4
You or your partner had a vasectomy (sterilization)	1.5	-	4	0.7
You or your partner had a hysterectomy	4.5	14.3	8	2.8
You or your partner are too old	8.6	28.6	-	10.6
You or your partner currently breast-feeding	0.5	-	-	0.7
You or your partner just had a baby or postpartum	1.5	-	-	2.1
Other reason	2.5	-	10	-
Don't care if get pregnant	-	-	-	-
Same sex partner	-	-	-	-
Partner is pregnant now	6.6	-	8	6.4

TABLE 26 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Not sexually active or no partner	13	11.60	-	-	-	16.1	18.9	10.2
Didn't think was going to have sex or no regular partner	-	-	-	-	-	-	-	-
You want a pregnancy	14.3	7.4	-	-	26.3	3.2	11.3	9.1
You or your partner don't want to use birth control	2.6	-	-	-	10.5	-	-	-
You or your partner don't like birth control/fear side effect	1.3	2.5	-	-	5.3	9.7	-	-
You can't pay for birth control	-	0.8	-	-	-	-	-	1.1
Lapse in use of a method	-	-	-	-	-	-	-	-
Don't think you or your partner can get pregnant	5.2	2.5	-	-	-	6.5	7.5	1.1
You or your partner had tubes tied (sterilization)	2.6	0.8	-	-	5.3	-	1.9	1.1
You or your partner had a vasectomy (sterilization)	-	2.5	-	-	-	6.5	-	1.1
You or your partner had a hysterectomy	5.2	4.1	-	50	15.8	3.2	1.9	3.4

You or your partner are too old	10.4	7.4	40	-	-	-	11.3	10.2
You or your partner currently breast-feeding	1.3	-	-	-	-	-	1.9	-
You or your partner just had a baby or postpartum	1.3	1.7	-	-	-	-	1.9	2.3
Other reason	1.3	3.3	-	-	5.3	12.9	-	-
Don't care if get pregnant	-	-	-	-	-	-	-	-
Same sex partner	-	-	-	-	-	-	-	-
Partner is pregnant now	3.9	8.3	-	-	-	12.9	5.7	6.8

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

A significant percentage of farmworkers didn't know and refused to answer this question. The top three reasons farmworkers are not doing anything from getting pregnant include not sexually active/no partner (12.1%), you want pregnancy (10.1%), and you or your partner are too old (8.6%).

XI. Women's Health-Core

QUESTION 27 - A clinical breast exam is when a doctor, nurse, or other health professional feels the breast for lumps. Have you ever had a clinical breast exam?

TABLE 27

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	77.9	71.4	69.1	80.2
No	21.8	28.6	30.9	19.4

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Over 75% of female farmworkers have had a clinical breast exam, but of those that did not the Low German Speaking farmworkers were highest at 30.9%, followed by the English Speaking farmworkers at 28.6%.

2010 Kansas BRFSS: 89.8% of adult female Kansans has had a clinical breast exam, compared to 77.9% of female farmworkers.

QUESTION 28 - How long has it been since your last breast exam?

TABLE 28

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Within the past year (anytime less than 12 months ago)	54.8	40	36.8	58.8
Within the past 2 years (1 year but less than 2 years ago)	20.9	-	18.4	21.9
Within the past 5 years (2 years but less than five years)	18.7	40	31.6	15.5
5 or more years	5.2	20	13.2	3.2
Never	-	-	-	-

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Over 50% of female farmworkers has had a breast exam within the past year. Among the three cultural/linguistic groups, Spanish Speaking female farmworkers had the highest percentage of receiving a breast exam within the past year.

2010 Kansas BRFSS: 70.5% of adult female Kansans had a breast exam in the past 12-months, compared to 54.8% of female farmworkers.

QUESTION 29 - A mammogram is an x-ray of each breast to look for breast cancer. Have you ever had a mammogram?

TABLE 29

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	31.3	57.1	18.2	33.6
No	68.4	42.9	81.8	65.9

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Only 31.3% of female farmworkers has received a mammogram x-ray (UDS 2009 shows 24.5% of farmworker women identified were age 40 and over).

2010 Kansas BRFSS: 65.4% of adult female Kansans has had a mammogram x-ray, compared to 31.3% of female farmworkers.

QUESTION 30 - A Pap test is a test for cancer of the cervix. Have you ever had a Pap smear?

TABLE 30

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	93.5	100	83.6	95.7
No	6.1	-	16.4	3.9

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Most women have had a pap test; however 16.4% of Low German Speaking and 3.9% Spanish Speaking women have not.

2010 Kansas BRFSS: 93.6% of adult female Kansans has had a pap smear, compared to 93.5% of female farmworkers.

QUESTION 31 - How long has it been since you had your last Pap smear?

TABLE 31

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Within the past year (anytime less than 12 months ago)	53.5	42.9	50	54.5
Within the past 2 years (1 year but less than 2 years ago)	24.7	-	23.9	25.7
Within the past 5 years (2 years but less than five years)	16.4	28.6	15.2	16.3
5 or more years	5.5	28.6	10.9	3.6
Never	-	-	-	-

*Among all respondents, excluding unknowns and refusals

DISCUSSION

Over 50% of female farmworkers has had a pap smear within the past year and between 2-5 years, 41.1% of women have had a pap smear.

2010 Kansas BRFSS: 58.4% of adult female Kansans has had a pap smear in the last 12-months, compared to 53.5% of female farmworkers.

QUESTION 32 - Have you had a hysterectomy? [A hysterectomy is an operation to remove the uterus (womb).]

TABLE 32

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	8.2	14.3	9.1	7.8
No	86.7	85.7	89.1	86.2

*Among all respondents, excluding unknowns and refusals

DISCUSSION

Low German farmworker women have a higher hysterectomy rate than the other two cultural/linguistic groups.

2010 Kansas BRFSS: 26.3% of adult female Kansans has had a hysterectomy, compared to 8.2% of female farmworkers.

XII. Men's Health-Core

QUESTION 33 - A prostate-specific antigen blood test or PSA test is a blood test to check for prostate cancer. Have you ever had a PSA test?

TABLE 33

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	15.3	12.5	13.3	15.9
No	81.2	87.5	73.3	82.3

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Only 15.3% of farmworker males have had a PSA test (UDS 2009 show 28.4% of men are between 40 and 74 years of age). English Speaking males have the highest percentage of not ever having a PSA test.

2010 Kansas BRFSS: 66.2% of adult male Kansans has had a PSA test or blood test to check for prostate cancer, compared to 15.3% of male farmworkers.

QUESTION 34 - A digital rectal exam is when a doctor or other health professional inserts a finger in the rectum to check for cancer or other health problems. Have you ever had this exam?

TABLE 34

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	9.9	12.5	3.3	11
No	89.1	87.5	93.3	88.4

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Only 9.9% of men have had a digital rectal exam. Low German Speaking males have the highest percentage of ever having the exam.

2010 Kansas BRFSS: 71% of adult male Kansans has had a rectal exam to check for cancer and other health problems, compared to 9.9% of male farmworkers.

QUESTION 35 - How long has it been since your last digital rectal exam?

TABLE 35

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Within the past year (anytime less than 12 months ago)	55	-	-	61.1
Within the past 2 years (1year but less than 2 years ago)	15	-	-	16.7
Within the past 5 years (2 years but less than five years)	15	100	-	11.2
5 or more years	15	-	100	11.1
Never	-	-	-	-

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Of those men who have had a digital rectal exam, a little over half had one in the past 12 months.

2010 Kansas BRFSS: 54.6% of adult male Kansans has had a digital rectal exam in the last 12-months, compared to 55% of male farmworkers.

XIII. Quality of Life-Core

QUESTION 36 - Are you limited in any way in any activities because of physical, mental, or emotional problems?

TABLE 36 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	13.7	26.7	11.8	13.6
No	84.5	73.3	84.7	84.8

TABLE 36 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Yes	12.40	14.60	12.5	42.9	16.7	9.1	11.6	15.1
No	86.6	83	87.5	57.1	80	87.3	87.8	82.8

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Thirteen percent of all cultural/linguistic groups are limited in any way in any activities because of physical, mental, or emotional problems. Over 25% of English Speaking farmworkers have limitations, compared to only 11.8% of Low German Speaking and 13.6% of Spanish Speaking farmworker.

2012 Kansas BRFSS: 20.3% of adult Kansans are limited in activities because of physical, mental, or emotional problems, compared to 13.7% of farmworkers.

QUESTION 37 - What is the MAJOR impairment or health problem that limits your activities?

TABLE 37 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Arthritis or rheumatism	4.4	-	-	5.6
Back or neck problems	19.1	25	50	13
Fractures, bone or joint injury	10.3	-	-	13
Walking problem	4.4	-	-	5.6
Lung or breathing problem	2.9	50	-	-
Hearing problem	1.5	-	-	1.9
Eye/vision problem	2.9	-	-	3.7
Heart problem	2.9	-	-	3.7
Stroke problem	-	-	-	-
Hypertension or high blood pressure	1.5	-	-	1.9
Diabetes	5.9	-	-	7.4
Cancer	1.5	-	-	1.9
Depression, anxiety or emotional problem	10.3	-	10	11.1
Other impairment or problem	30.9	25	40	29.6

TABLE 37 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Arthritis or rheumatism	4	4.7	-	-	-	-	5.3	5.7
Back or neck problems	20	18.6	-	33.3	60	40	10.5	14.3
Fractures, bone or joint injury	12	9.3	-	-	-	-	15.8	11.4
Walking problem	4	4.7	-	-	-	-	5.3	5.7
Lung or breathing problem	4	2.3	100	33.3	-	-	-	-
Hearing problem	-	2.3	-	-	-	-	-	2.9
Eye/vision problem	8	-	-	-	-	-	10.5	-
Heart problem	4	2.3	-	-	-	-	5.3	2.9
Stroke problem	-	-	-	-	-	-	-	-
Hypertension or high blood pressure	4	-	-	-	-	-	5.3	-
Diabetes	4	7	-	-	-	-	5.3	8.6
Cancer	4	-	-	-	-	-	5.3	-
Depression, anxiety or emotional problem	-	16.3	-	-	-	20	-	17.1
Other impairment or problem	32	30.2	-	33.3	40	40	31.6	28.6

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

The most common conditions impacting activities are other impairment or problems (30.9%), back or neck problems (19.1%), fractures, bone or joint injury (10.3%), and depression, anxiety or emotional problem (10.3%).

QUESTION 38 - During the past 30 days, for about how many days have you felt SAD, BLUE, or DEPRESSED?

TABLE 38 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
30 – days	2.4	13.3	3.5	1.8
14 – 28 days	6.4	-	8.3	6.4
7 – 12 days	5.8	-	8.3	5.7
1 – 6 days	20.5	13.4	23.6	20.2
None	61.7	73.3	49.4	63.9

TABLE 38 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
30 days	1%	3.40%	-	28.6	6.7	1.8	-	3
14 to 28 days	2.5	9.2	-	-	-	12.7	3	8.5
7 to 12 days	5.5	6	-	-	6.7	7.2	4.8	6
1 to 6 days	14.9	24.5	-	28.6	6.6	30.9	16.4	22.7
None	72.3	54.4	100	42.9	56.7	45.5	73.8	56.9

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

In every cultural/linguistic group, 8.8% have felt sad, blue, or depressed between 14-30 days and 26.3% between 1-12 days. During the past 30-days, between 50% - 75% of English, Spanish and Low German Speaking farmworker reported not feeling sad, blue, depressed at any time. Females were more likely than males to feel sad, blue, or depressed.

2001 Kansas BRFSS: 7.6% of adult Kansans are sad, blue, or depressed for 14 or more days of the month, compared to 8.8% of farmworkers.

QUESTION 39 - During the past 30 days, for about how many days have you felt WORRIED, TENSE, or ANXIOUS?

TABLE 39 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
30 – days	5.8	26.7	5.9	5.1
14 – 28 days	7.4	-	6	8.1
7 – 12 days	8.2	-	4.8	9.7
1 – 6 days	25	26.7	18.8	26.3
None	48.8	46.7	54.1	47.7

TABLE 39 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
30 days	4	7.10	12.5	42.9	3.3	7.3	3.7	6
14 to 28 days	4	9.8	-	-	6.6	7.2	4.3	8.9
7 to 12 days	7.5	9.5	-	-	-	7.2	8.5	9.9
1 to 6 days	25.7	24.5	37.5	14.3	3.3	23.7	28	25
None	53	45.9	50	42.9	56.7	52.7	52.4	44.4

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

In every cultural/linguistic group, 13.2% have felt worried, tense, or anxious between 14-30 days and 37.2% between 1-12 days. During the past 30-days, between 45% - 55% of English, Spanish and Low German Speaking farmworker reported not feeling worried, tense, or anxious at any time. Females were more likely than males to feel worried, tense, or anxious.

2001 Kansas BRFSS: 15.6% of adult Kansans are worried, tense, or anxious for more than 14-days per month, compared to 13.2% of farmworkers.

QUESTION 40 - During the past 30 days, for about how many days have you felt VERY HEALTHY and FULL OF ENERGY?

TABLE 40 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
30 – days	32.5	60	28.2	32.3
14 – 28 days	31.7	13.4	21.2	34.8
7 – 12 days	10.3	-	11.8	10.4
1 – 6 days	7	13.3	4.8	7.5
None	13.7	-	17.6	13.4

TABLE 40 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
30 days	35.10	30.60	62.5	57.1	16.7	34.5	37.2	28.9
14 to 28 days	33.2	30.7	25	-	26.6	18.2	34.6	34.4
7 to 12 days	9.4	10.9	-	-	9.9	12.7	9.7	10.8
1 to 6 days	6.5	7.4	-	28.6	3.3	5.4	7.2	7.3
None	9.4	16.7	-	-	13.3	20	9.1	16.4

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

In every cultural/linguistic group, 64.2% have felt very healthy and full of energy between 14-30 days and 17.3% between 1-12 days. During the past 30-days, between 13% - 18% of English, Spanish and Low German Speaking farmworker reported not feeling very healthy and full of energy. Males were more likely than females to feel very happy and full of energy.

2001 Kansas BRFSS: 74.2% of adult Kansans has felt very healthy and full of energy for 14-days or more in the last 30-days, compared to 64.2% of farmworkers.

XIV. Cholesterol Awareness

QUESTION 41 - Blood cholesterol is a fatty substance found in the blood. Have you ever had your blood cholesterol checked?

TABLE 41 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	46.6	53.3	30.6	49.7
No	45.6	40	67.1	41.2

TABLE 41 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Yes	43.10	49	37.5	71.4	33.3	29.1	45.1	53
No	49.5	42.9	62.5	14.3	63.3	69.1	46.3	37.5

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Less than fifty percent of farmworkers have had a blood cholesterol checked. Low German Speaking farmworkers are more likely to not have had their blood cholesterol check and females in every cultural/linguistic group than males are more likely to have had a blood cholesterol check.

2011 Kansas BRFSS: 23.5% of adult Kansans has never had their blood cholesterol checked, compared to 46.6% of farmworkers.

QUESTION 42 - About how long has it been since you last had your blood cholesterol checked?

TABLE 42 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Within the past year (anytime less than 12-months ago)	66.2	37.5	50	69.5
Within the past 2-years (1-year but less than 2-years ago)	14.3	25	30.8	11.7
Within the past 5-years (2-years but less than 5-years ago)	12.5	25	11.5	12.2
5 or more years ago	6.5	12.5	7.7	6.1
Never	-	-	-	-

TABLE 42 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Within the past year (anytime less than 12-months ago)	54	73.60	33.3	40	40	56.3	56.8	77.2
Within the past 2-years (1-year but less than 2-years ago)	25.3	7.6	66.7	-	50	18.8	20.3	6.5
Within the past 5-years (2-years but less than 5-years ago)	13.8	11.8	-	40	-	6.3	16.2	9.8
5 or more years ago	6.9	6.3	-	20	10	12.5	6.8	5.7
Never	-	-	-	-	-	-	-	-

*Among all respondents, excluding unknowns and refusals

DISCUSSION

Of those farmworkers that have had the cholesterol check, 66.2% have had it within the last 12 months with English Speaking farmworkers at 37.5, Low German Speaking at 50%, and 69.5% of Spanish Speaking farmworkers.

2011 Kansas BRFSS: 75.6% of adult Kansans has had their blood cholesterol checked in the past 12-months, compared to 66.2% of farmworkers.

QUESTION 43 - Have you ever been told by a doctor or other health professional that your blood cholesterol is high?

TABLE 43 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	42	37.5	30.8	43.7
No	55.8	62.5	69.2	53.8

TABLE 43 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Yes	47.10	38.90	33.3	40	50	18.8	47.3	41.5
No	52.9	57.6	66.7	60	50	81.3	52.7	54.5

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Spanish Speaking farmworkers are most likely to have had a health professional tell them their blood cholesterol is high at 43.7% compared to 37.5% of English Speaking and 30.8% of Low German Speaking farmworkers having been told the same.

2011 Kansas BRFSS: 38.4% of adult Kansans has been told by a doctor, nurse, or other health professional that their blood cholesterol is high, compared to 42% of farmworkers.

XV. Hypertension Awareness

QUESTION 44 - About how long has it been since you last had your blood pressure taken by a doctor, nurse, or other health professional?

TABLE 44 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Within the past year (anytime less than 12-months ago)	76.4	66.7	69.4	78.3
Within the past 2- years (1-year but less than 2-years ago)	10.7	13.3	15.3	9.6
Within the past 5- years (2-years but less than 5-years ago)	8.2	13.4	9.4	7.9
5 or more years ago	2.4	-	4.7	2
Never	1	-	-	1.3

TABLE 44 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Within the past year (anytime less than 12-months ago)	68.8	81.6	62.5	71.4	63.3	72.7	70.1	84.1
Within the past 2-years (1-year but less than 2-years ago)	12.9	9.2	12.5	14.3	20	12.7	11.6	8.2
Within the past 5-years (2-years but less than 5-years ago)	10.9	6.5	12.5	14.3	10	9.1	11	5.6
5 or more years ago	4	1.4	-	-	3.3	5.5	4.3	0.4
Never	1.5	0.7	-	-	-	-	1.8	0.9

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Approximately 76.4% of farmworkers in every cultural/linguistic group have had their blood pressure taken in the last 12 months with 78.3% Spanish Speaking workers then 69.4% of Low German Speaking and then 66.7% of English Speaking farmworkers having had it taken in this same period of time.

1999 Kansas BRFSS: 88.8% of adult Kansans has had their blood pressure taken by a doctor, nurse, or other health professional in the last 12-months, compared to 76.4% of farmworkers.

QUESTION 45 - Have you ever been told by a doctor, nurse, or other health professional that you have high blood pressure?

TABLE 45 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	18.5	33.3	15.3	18.7
No	80.9	66.7	83.5	80.8

TABLE 45 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Yes	17.60	19.20	25	42.9	20	12.7	16.8	20
No	81.4	80.5	75	57.1	76.7	87.3	82.6	79.6

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

About 18.5% of farmworkers have been told by a doctor, nurse, or other health professional that they have high blood pressure, with English Speaking farmworkers the group most likely at 33.3% then Spanish Speaking farmworkers at 18.7% and then Low German Speaking farmworkers at 15.3%.

2011 Kansas BRFSS: 30.8% of adult Kansans have been told by a doctor, nurse, or other health professional that they have high blood pressure, compared to 18.5% of farmworkers.

QUESTION 46 - Are you currently taking medicine for your high blood pressure?

TABLE 46 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	54.9	40	38.5	58.9
No	42.9	40	61.5	39.7

TABLE 46 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Yes	54.30	55.40	50	33.3	16.7	57.1	63	56.5
No	45.7	41.1	50	33.3	83.3	42.9	37	41.3

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Fifty-five percent of farmworkers with high blood pressure currently take medication for the condition. Spanish Speaking farmworkers are most likely at 58.9% then English Speaking at 40% and then Low German Speaking farmworkers at 38.5%.

2011 Kansas BRFSS: 77.2% of adult Kansans are currently taking medication for high blood pressure, compared to 54.9% of farmworkers.

XVI. Demographics-Core**QUESTION 47 - About how much do you weigh without shoes?****QUESTION 48 - About how tall are you without shoes?****BODY MASS INDEX**

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Underweight	2.3	-	4.9	1.6
Normal	22	26.7	24.7	20.9
Overweight	37.1	6.7	32.1	40.6
Obese	38.6	66.7	38.3	36.9

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Underweight	1.3	3.2	-	-	-	7.7	1.7	1.5
Normal	21.2	22.8	37.5	14.3	20.7	26.9	20.2	21.5
Overweight	44.9	30.7	12.5	-	48.3	23.1	46.2	35.4
Obese	32.7	43.4	50	85.7	31	42.3	31.9	41.5

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Approximately 75.7% of farmworkers are overweight and/or obese. Males have a higher percentage of being overweight than females and females have a higher percentage of obesity than males.

2012 Kansas BRFSS: 65.6% of adult Kansans are overweight or obese, compared to 75.7% of farmworkers.

XVII. Immunizations

QUESTION 49 - A flu shot is an influenza vaccine injected in your arm. During the past 12 months, have you had a flu shot?

TABLE 49 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	30.7	33.3	18.8	33.2
No	68.9	66.7	80	66.6

TABLE 49 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Yes	24.3	35.2	25	42.9	10	23.6	26.8	37.7
No	75.2	64.5	75	57.1	86.7	76.4	73.2	61.9

**Among all respondents, excluding unknowns and refusals*

DISCUSSION

Only around one third of farmworkers had an influenza vaccine in the past 12 months. Females are more likely than males to have received the vaccine.

2010 Kansas BRFSS: 42.3% of adult Kansans has had a seasonal flu shot in the last 12-months, compared to 30.7% of farmworkers.

QUESTION 50 - A pneumonia shot or pneumococcal vaccine is usually given only once or twice in a person's lifetime and is different from the flu shot. Have you ever had a pneumonia shot?

TABLE 50 – A

RESPONSES	ALL	ENGLISH	LOW GERMAN	SPANISH
Yes	11.1	26.7	9.4	10.9
No	71.7	66.7	71.8	71.9

TABLE 50 – B

RESPONSES	ALL		ENGLISH		LOW GERMAN		SPANISH	
	Male	Female	Male	Female	Male	Female	Male	Female
Yes	10.90	11.30	35.7	14.3	3.3	12.7	11	10.8
No	67.8	74.4	50	85.7	63.3	76.4	69.5	73.6

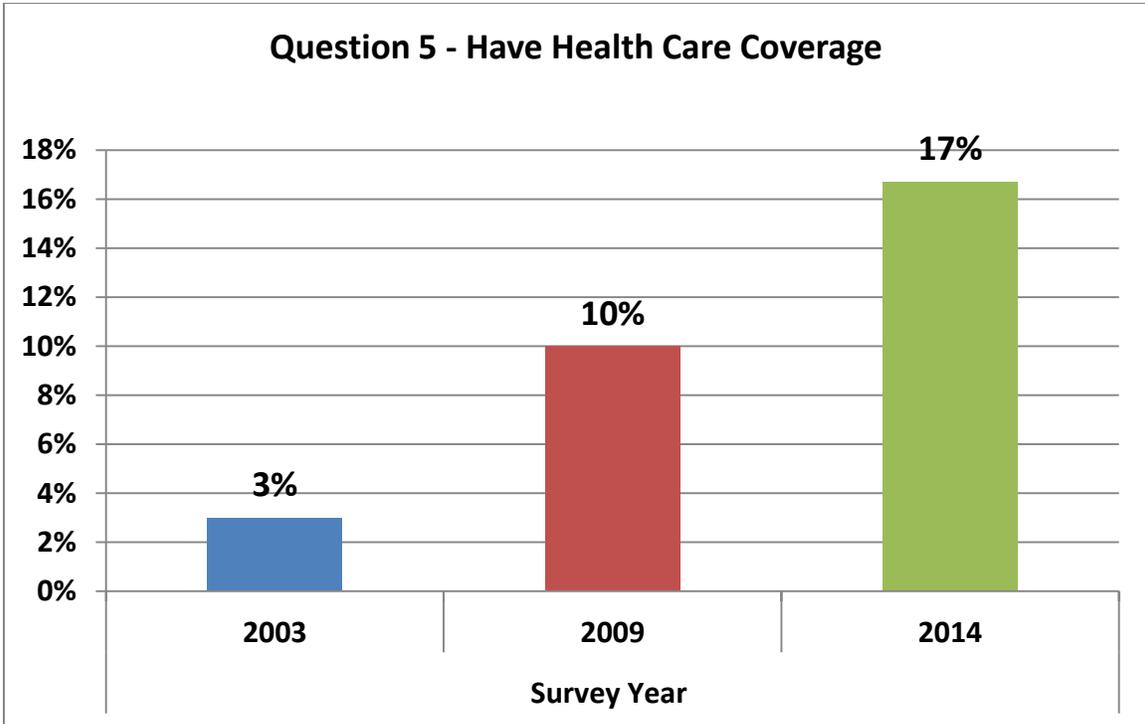
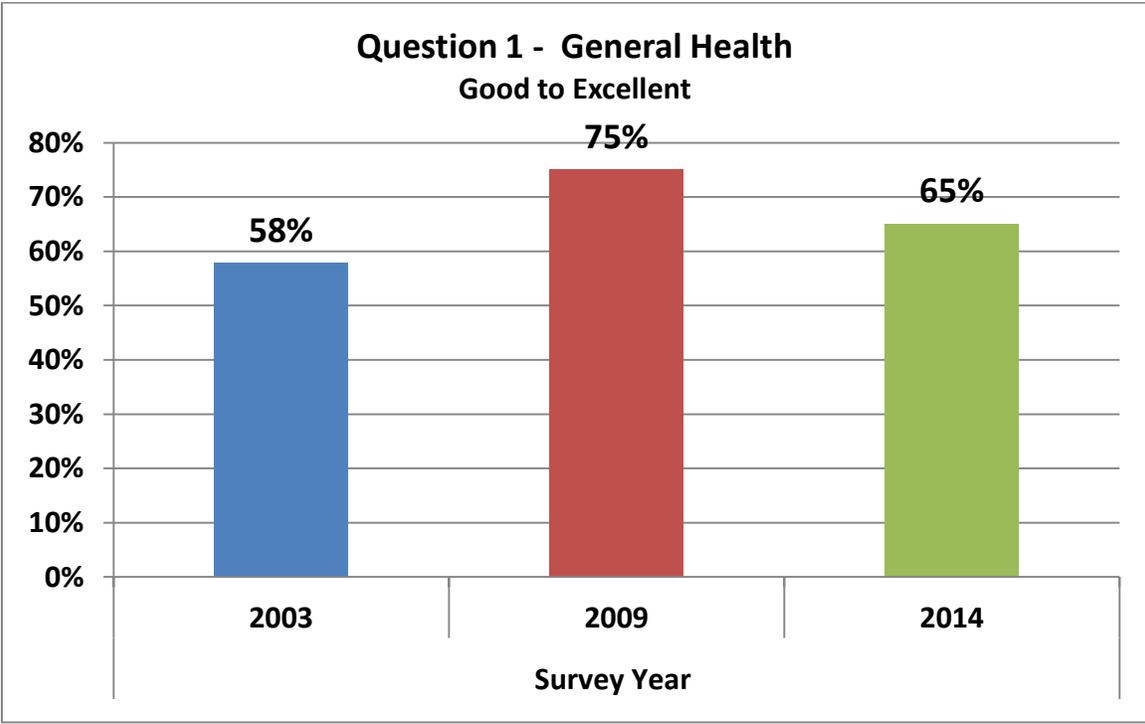
**Among all respondents, excluding unknowns and refusals*

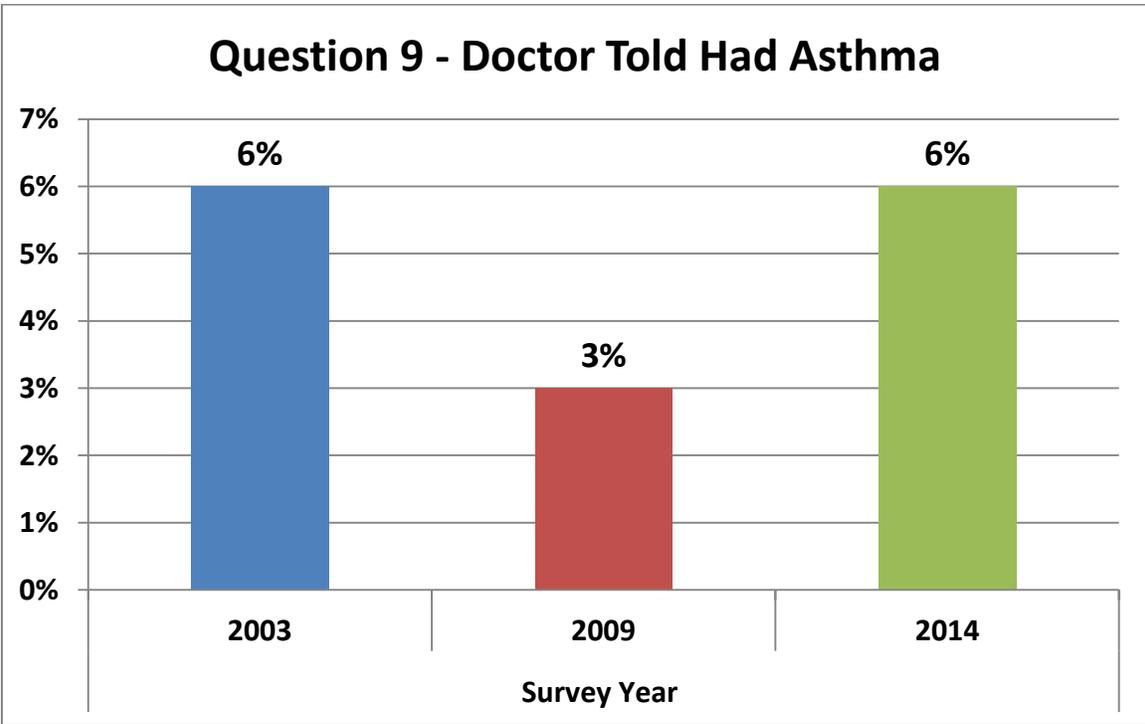
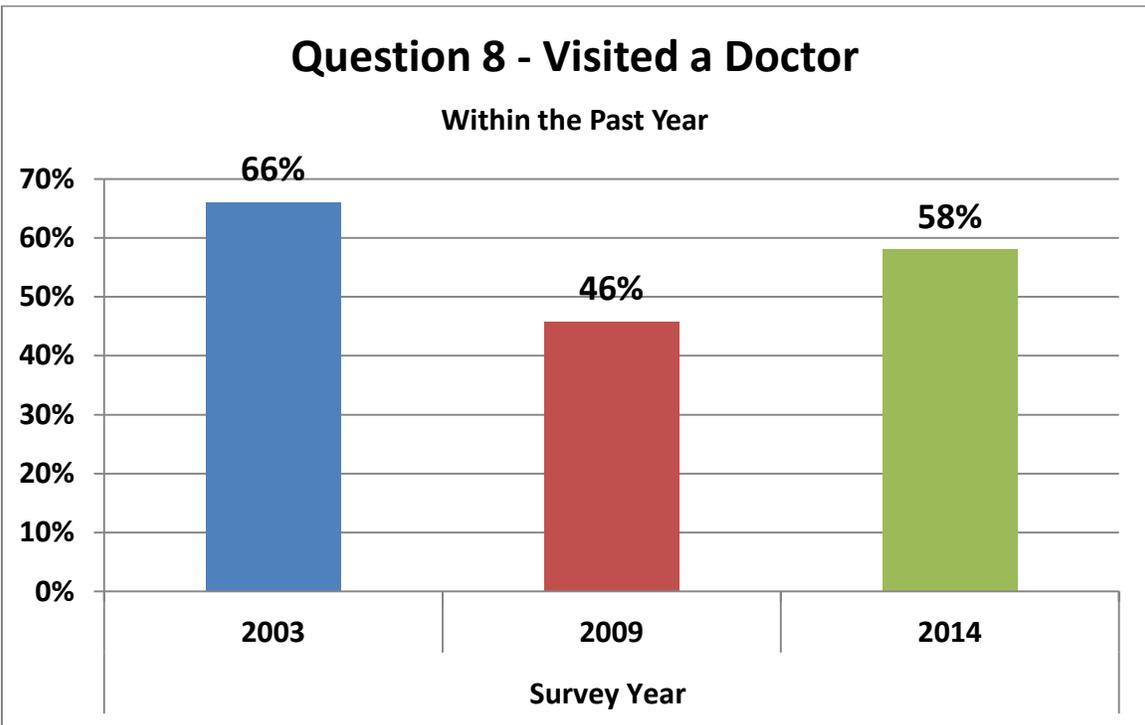
DISCUSSION

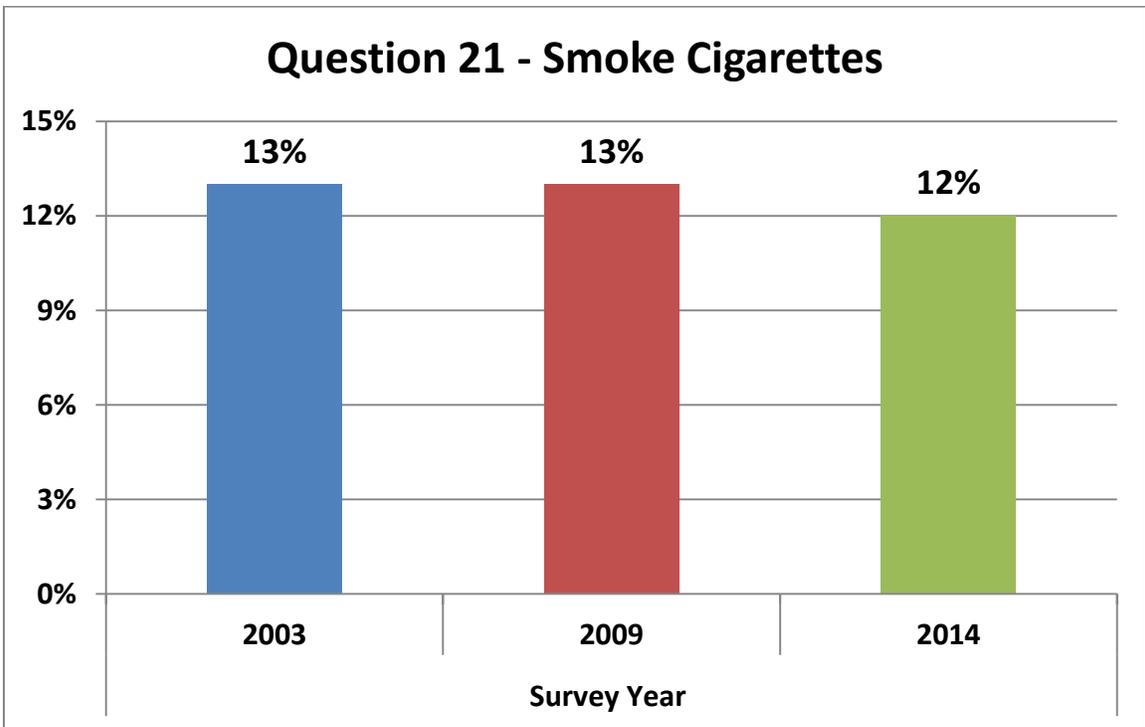
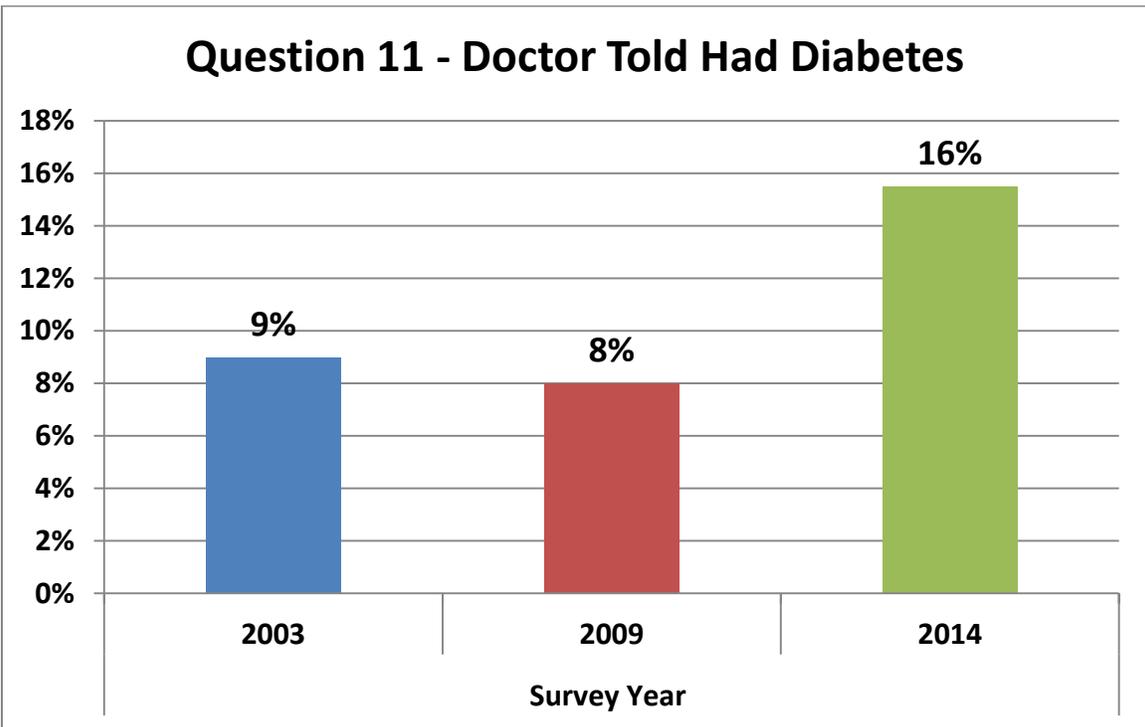
Only 11.1% of farmworkers report having a pneumonia vaccine (3.3% of adult farmworkers are 65 years of age or over UDS 2009).

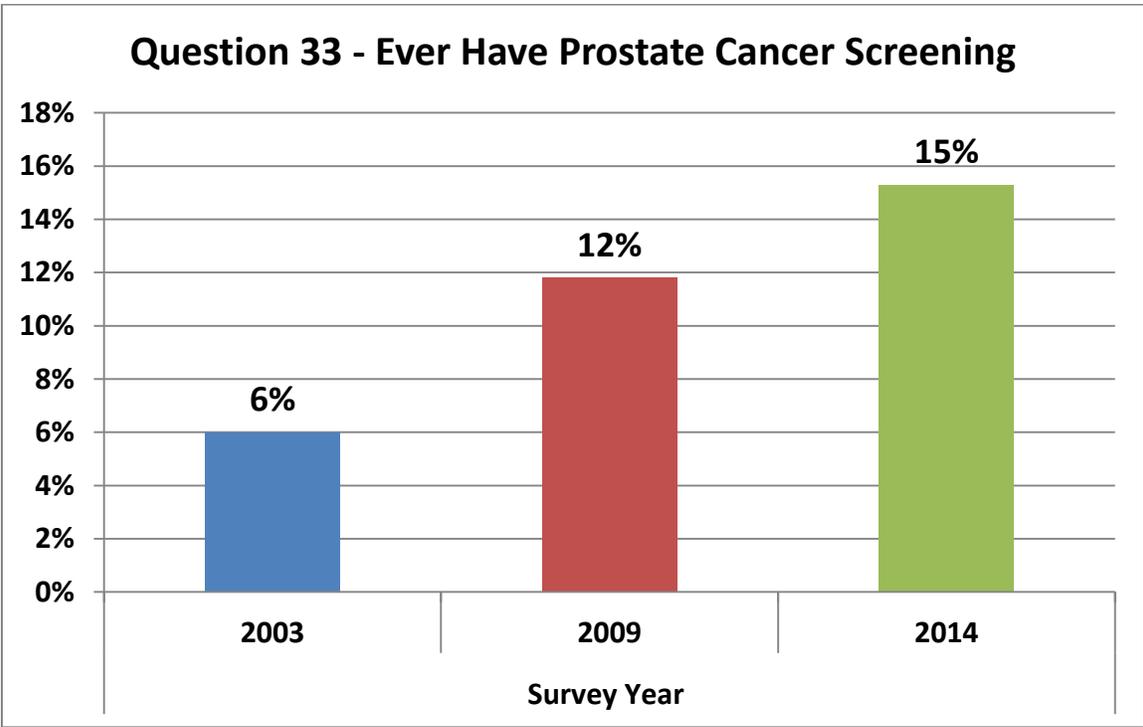
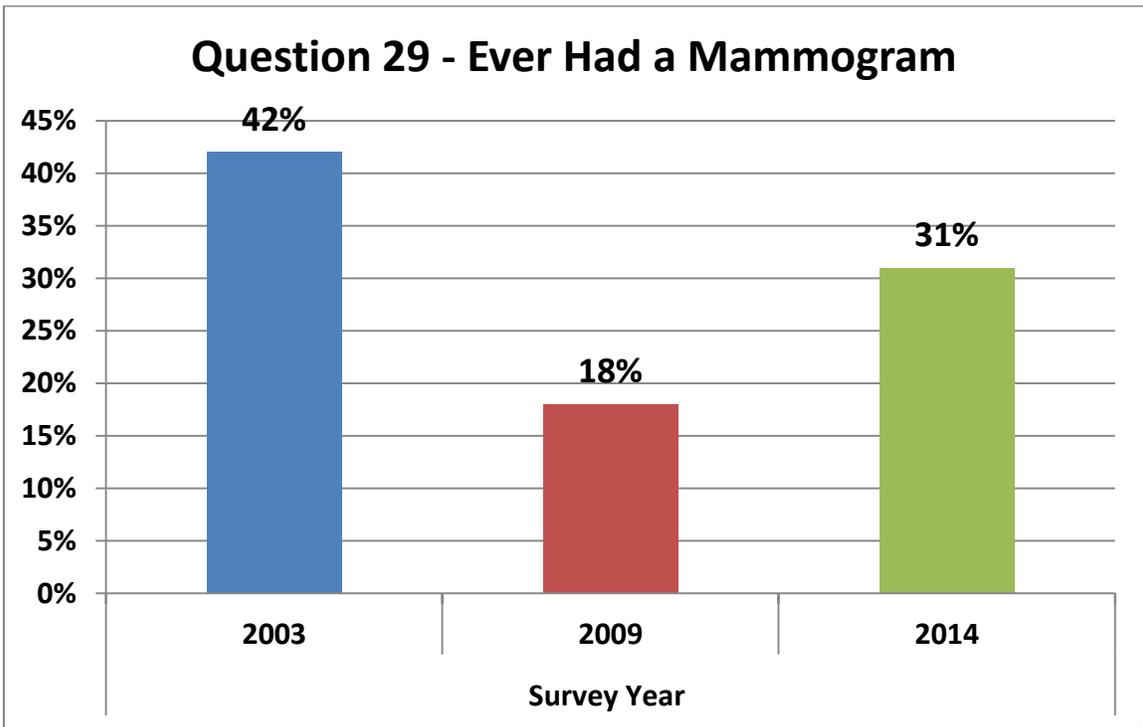
2012 Kansas BRFSS: 28.8% of Kansans has had a pneumonia shot, compared to 11.1% of farmworkers.

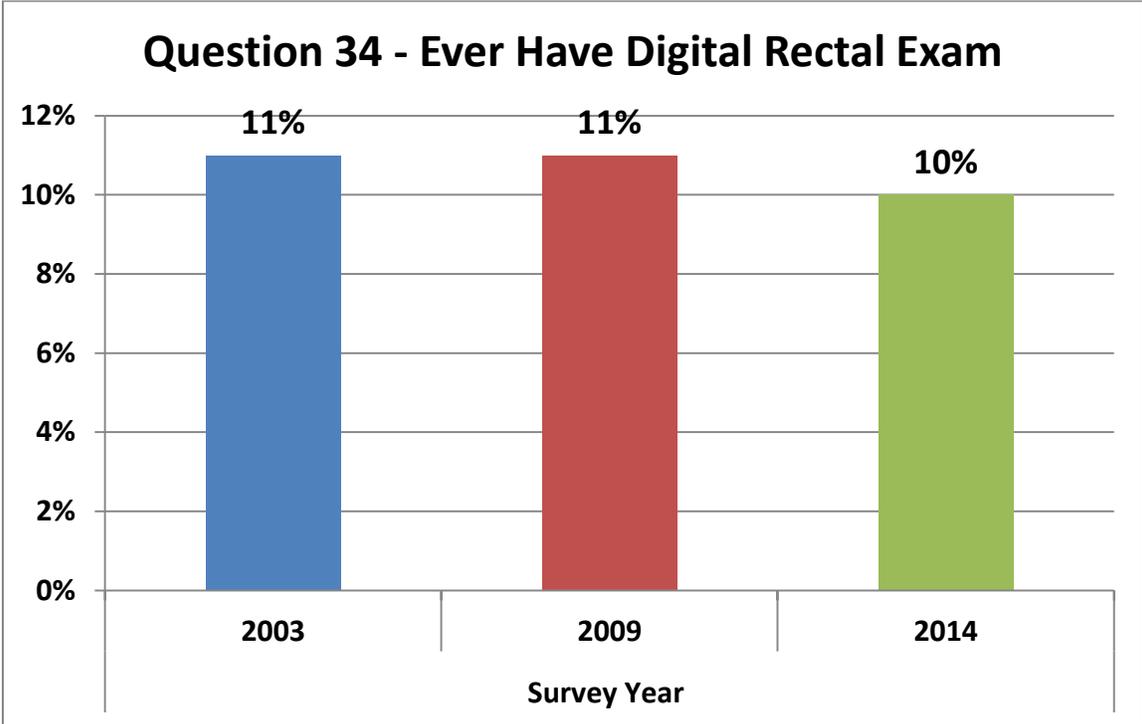
2003, 2009, & 2014 Comparison Data Graphs











2009 & 2014 Comparison Data Graphs

