

Summary of Knox County

Demographic Information

- The majority of respondents (40%) to the survey were in the 65-84 age range, 2% were age 18-24, 26% were age 25-44, 30% were age 45-64 and 2% were age 85 and older.
- The majority of respondents were female. Males only represented 24%, while females represented 76%.
- In regard to ethnicity, all respondents were white. Two reported being members of a cultural community other than Amish or Mennonite, but did not indicate what community they belonged to.
- The highest percentage of respondents reported having group health coverage.
- The majority of respondents (42%) reported a high school diploma or higher for their education level, 29% have some college, and 17% have a college degree or higher.
- Two-thirds of respondents reported an annual household income in the \$10,000 to \$40,000 level. Specifically, 42% reported an income of \$10,000-\$25,000 and 24% reported \$25,001-\$40,000. Sixteen percent reported under income under \$10,000, 8% reported \$40,000-\$55,000, 4% reported \$55,001-\$70,000, and 6% reported their income level to be more than \$70,000.

Health Concerns

Lifestyle Health Risks

- The lifestyle health risks that Knox County residents indicated as being the **most important** include: child safety seat use (95%), illegal drug use (87%), and prenatal care (82%).
- The majority of the respondents (69%) felt that immunization and 57% felt that prenatal care needs are **adequately being met**. Only 52% felt that child safety seat use, and a mere 20% felt that illegal drug use, are **adequately being met**.
- There were five risks that a vast majority of residents did not indicate as being **important**, but a large percentage did indicate that the risks that are **not adequately being met** were: underage drinking, tobacco use, obesity, lack of exercise, and teen pregnancy.

Diseases

- The majority of respondents (more than 50%) felt that all listed diseases were **important**. Cancer was the number one concern, with 79% reporting it as **important**. Heart disease was rated close behind with 74%.

- Only 24% of respondents felt that cancer needs were **being adequately met** in Knox County. Of the respondents, 28% felt that heart disease was **being adequately met**.
- Respondents indicated that more attention is needed in the county for mental disorders. The percentage of respondents who said they **didn't know** whether diseases were being adequately met was very high.

Environmental Health

- The top three environmental health concerns in Knox County indicated as **important** included: drinking water quality (81%), community safety (73%), and hazardous materials handling (70%).
- Three issues that respondents felt were **not important** were: bioterrorism (19%), domestic animal control (18%), and recycling (20%).
- Interestingly, the environmental health issue that the most respondents indicated as **not being adequately met** was recycling, with 51% reporting services inadequate.
- The five areas of community safety, drinking water quality, housing safe and adequate, trash disposal, and workplace safety/health had one or less respondents reporting that the area was **not important**.

Affordable Health Care

- Overall, Knox County residents did not feel that many health care services in the community were affordable; none of the services were reported as being affordable by more than 14% of respondents.
- Health insurance was identified as being the least affordable, with 64% reporting such and 16% reporting it as being somewhat affordable.
- Prescription drugs were identified as being the second least affordable with 63% indicating this, while 16% reported them somewhat affordable.
- Of the respondents, 82% reported that medical care was either not affordable or somewhat affordable.

Local Health Care

- The local health care services utilized most in the past year were: private physicians (76%), the county health department (66%), and community health clinic (51%). The county health department received good reviews with 40% rating it as excellent, 46% rating it adequate, and only 8% giving it a grade of poor.
- The local hospital was not rated well; 37% responded it was poor and another 37% said it was adequate.

- Only a quarter of respondents said that private physicians were excellent, with most finding them adequate (49%).
- The majority of Knox residents did not know about Telehealth services, not one responded having used them in the last year.

Other Health Needs

- Knox County residents felt that many of their health needs were **not being met** at an adequate or excellent level. Services receiving a majority of poor ratings were: cardiac rehabilitation (61%), chronic disease support groups (66%), personal fitness/wellness (60%), and support groups (59%).
- Health services that received the best ratings for **adequately being met** included: WIC (43%) and flu shots (40%).
- A majority of respondents said that the county needs almost every single type of service. The top **needs** identified were blood pressure screenings (85%), physical therapy (81%), and diabetic testing (80%).

Knox County Data Results

Report for Knox County Number of Respondents – 54 Response Rate – 26.21%

I. Demographic Information

A. Age of person responding to survey:

<i>Age</i>	<i>Number</i>	<i>Percent</i>
18-24	1	1.9
25-44	14	25.9
45-64	16	29.6
65-84	22	40.7
85+	1	1.9

B. Sex of person responding to survey:

<i>Sex</i>	<i>Number</i>	<i>Percent</i>
Male	12	23.5
Female	39	76.4

C. Number of people living in household of respondent: 114

	<i>Age 0-5</i>	<i>Age 6-17</i>	<i>Age 18-24</i>	<i>Age 25-44</i>	<i>Age 45-64</i>	<i>Age 65-84</i>	<i>Age 85+</i>
Female(s)	8	7	2	13	13	22	1
Male(s)	6	4	4	10	9	15	0

D. Type of health coverage of members of the household:

<i>Type of Health Coverage</i>	<i>Number</i>	<i>Percent</i>
		+
None	15	13.2
Private Insurance	15	13.2
Group Insurance	40	35.1
Medicare with supplement	31	27.2
Medicare without supplement	6	5.2
Medicaid	4	3.5
MC+	10	8.7

*Percentages were calculated using the total of individuals living in the household as the denominator (item C), regardless of whether the respondent left an entry blank or counted two types of health insurance for the same individual (item D).

E. Ethnicity of person responding to survey:

<i>Ethnicity</i>	<i>Number</i>	<i>Percent</i>
White	53	98.1
Black	0	0
American Indian or Alaskan Native	0	0
Asian	0	0
Hispanic or Latino	0	0
Native Hawaiian or other Pacific Islander	0	0
Other	0	0

F. Membership in cultural community:

<i>Cultural Community</i>	<i>Number</i>	<i>Percent</i>
Amish	0	0
Mennonite	0	0
Other	2	3.7

G. Education level of person responding:

<i>Education Level</i>	<i>Number</i>	<i>Percent</i>
Less Than High School	6	11.5
High School Diploma	22	42.3
Some College	15	28.8
College Degree or Higher	9	17.3

H. Annual household income level:

<i>Income Level</i>	<i>Number</i>	<i>Percent</i>
Under \$10,000	8	16.0
\$10,000-\$25,000	21	42.0
\$25,001-\$40,000	12	24.0
\$40,001-\$55,000	4	8.0
\$55,001-\$70,000	2	4.0
\$70,000+	3	6.0

II. Health Concerns: In your opinion, how important are the following health/safety issues in your community? Also, please indicate if you think adequate services are available.

A. Lifestyle Health Risks

	<i>Not Important</i>		<i>Somewhat Important</i>		<i>Important</i>		<i>Adequately being met?</i>					
							<i>Yes</i>		<i>No</i>		<i>Don't Know</i>	
	#	%	#	%	#	%	#	%	#	%	#	%
Abuse/neglect:												
a. Child	0	0	9	20.0	36	80.0	18	37.5	13	27.1	17	35.4
b. Spouse	1	2.3	12	27.9	30	69.8	16	35.6	6	13.3	23	51.1
c. Elder	1	2.3	12	27.3	31	70.5	14	30.4	12	26.1	20	43.5
Adequate immunization	2	4.5	7	15.9	35	79.5	29	69.0	5	11.9	8	19.0
Condom use	2	4.4	12	26.7	31	68.9	6	13.0	9	19.6	31	67.4
Injury of elders in home	1	2.3	12	27.9	30	71.4	14	29.2	9	18.8	25	52.1
Lack of exercise	1	2.2	15	33.3	29	64.4	10	20.8	22	45.8	16	33.3
Lead in homes	3	6.7	21	46.7	21	46.7	11	22.9	5	10.4	32	66.7
Obesity	2	4.4	13	28.9	30	66.7	5	11.1	21	46.7	19	42.2
Oral hygiene/care	1	2.3	11	25.0	32	72.7	15	33.3	10	22.2	20	44.4
Prenatal care	1	2.2	7	15.6	37	82.2	26	56.5	3	6.7	17	37.8
Safety-vehicular:												
a. Helmet use	1	2.4	10	23.8	31	73.8	17	37.8	6	13.3	22	48.9
b. Child safety seat use	0	0	2	4.7	41	95.2	24	52.2	6	13.0	16	34.8
c. Seatbelt use	4	8.5	7	14.9	36	76.6	36	70.6	1	2.0	14	27.5
School violence	0	0	9	20.9	34	79.1	21	44.7	7	14.9	19	40.4
Substance use:												
a. Binge drinking	1	2.3	11	25.0	32	72.7	5	10.4	18	37.5	25	52.1
b. Illegal drug use	0	0	6	13.0	40	87.0	10	20.4	23	46.9	16	32.7
c. Tobacco use	2	4.3	10	21.7	34	73.9	12	24.5	20	40.8	17	34.7
d. Underage drinking	0	0	10	21.3	37	78.7	6	12.2	23	46.9	20	40.8
Suicide	2	4.5	13	28.9	29	64.4	6	12.8	8	17.0	33	70.2
Teen pregnancy	1	2.2	9	20.0	35	77.8	3	6.1	26	53.1	20	40.8

II. Health Concerns (cont.): In your opinion, how important are the following health/safety issues in your community? Also, please indicate if you think adequate services are available.

B. Diseases

	<i>Not Important</i>		<i>Somewhat Important</i>		<i>Important</i>		<i>Adequately being met?</i>					
							<i>Yes</i>		<i>No</i>		<i>Don't Know</i>	
	#	%	#	%	#	%	#	%	#	%	#	%
Alzheimer's disease	0	0	14	28.6	35	71.4	14	28.0	17	34.0	19	38.0
Arthritis	0	0	16	32.0	34	68.0	13	25.0	17	32.7	22	42.3
Asthma	1	2.1	18	38.3	28	59.6	12	24.5	7	14.3	30	61.2
Cancer	0	0	10	20.8	38	79.2	12	24.0	18	36.0	20	40.0
Dental problems	0	0	13	28.9	32	71.1	12	24.5	15	30.6	22	44.9
Depression	1	2.1	18	38.3	28	59.6	6	12.0	16	32.0	28	56.0
Hearing loss	1	2.1	19	42.2	25	55.6	6	12.0	13	26.0	31	62.0
Heart disease	0	0	12	26.1	34	73.9	14	28.0	13	26.0	23	46.0
High blood pressure	1	2.1	12	25.0	35	72.9	24	46.2	10	19.2	18	34.6
High cholesterol	1	2.2	13	28.3	32	69.6	17	34.0	12	24.0	21	42.0
HIV/AIDS	3	6.8	10	22.7	31	70.5	7	14.6	11	22.9	30	62.5
Influenza	0	0	14	31.1	31	68.9	24	51.1	8	17.0	15	31.9
Lung disease	0	0	14	29.8	33	70.2	9	18.4	10	20.4	30	61.2
Mental disorders	0	0	15	31.9	32	68.1	3	6.0	13	26.0	34	68.0
Osteoporosis	0	0	20	41.7	28	58.3	10	19.6	8	15.7	33	64.7
Pneumonia	0	0	21	46.7	24	53.3	24	47.1	3	5.9	24	47.1
Pulmonary disease (COPD)	0	0	18	40.0	27	60.0	6	12.5	8	16.7	34	70.8
Vision loss	1	2.1	14	29.8	32	68.1	18	35.3	11	21.6	22	43.1

II. Health Concerns (cont.): How important are services on the following issues in your community? Also, please indicate if you think adequate services are available.

C. Environmental Health

	<i>Not Important</i>		<i>Somewhat Important</i>		<i>Important</i>		<i>Adequately being met?</i>					
							<i>Yes</i>		<i>No</i>		<i>Don't know</i>	
	#	%	#	%	#	%	#	%	#	%	#	%
Bioterrorism	9	19.1	17	36.2	21	44.7	10	22.2	8	17.8	27	60.0
Community safety	0	0	13	26.5	36	73.5	25	53.2	8	17.0	14	29.8
Crime prevention	2	4.2	13	27.1	33	68.8	22	46.8	11	23.4	14	29.8
Domestic animal control	9	18.3	18	36.7	22	44.9	14	29.8	18	38.3	15	31.9
Drinking water quality	1	2.1	8	16.7	39	81.2	28	59.6	5	10.6	14	29.8
Hazardous materials handling	4	8.7	15	32.6	27	58.7	13	27.7	5	10.6	29	61.7
Housing safe and adequate	0	0	19	42.2	26	57.8	15	32.6	11	23.9	20	43.5
Indoor air quality	3	6.3	18	37.5	27	56.3	18	36.7	8	16.3	23	46.9
Lead poisoning inspection	5	10.6	18	38.3	24	51.1	15	31.3	8	16.7	25	52.1
Onsite sewage inspection	5	11.4	16	36.4	23	52.3	16	35.6	5	11.1	24	53.3
Outdoor air quality	3	6.4	18	38.3	26	55.3	20	41.7	8	16.7	20	41.7
Pest control (insects, rats)	2	4.3	20	43.5	24	52.2	17	35.4	9	18.8	22	45.8
Recreational water quality	6	13.0	24	52.2	16	34.8	13	27.7	4	8.5	30	63.8
Recycling	9	19.1	19	40.4	19	40.4	7	14.9	24	51.1	16	34.0
Restaurant inspection	3	6.4	12	25.5	32	68.1	10	20.8	18	37.5	20	41.7
Trash disposal	0	0	16	32.7	33	67.3	32	65.3	8	16.3	9	18.4
Workplace safety/health	1	2.1	17	35.4	30	62.5	17	35.4	8	16.7	23	47.9

III. Affordable Health Care: In your opinion, how affordable are the following services in your community?

	<i>Not affordable</i>		<i>Somewhat affordable</i>		<i>Affordable</i>		<i>Don't Know</i>	
	#	%	#	%	#	%	#	%
Dental care	24	47.1	18	35.3	7	13.7	2	3.9
Health insurance	32	64.0	12	24.0	6	12.0	0	0
Medical care	20	39.2	22	43.1	6	11.8	3	5.9
Mental health care	24	50.0	9	18.8	2	4.2	13	27.1
Prescription drugs	32	62.7	8	15.7	7	13.7	4	7.8
Preventative screenings	17	34.7	19	38.8	7	14.3	6	32.7
Urgent or emergency care	23	46.0	15	30.0	6	12.0	6	12.0
Vision	20	39.2	19	37.3	6	11.8	6	11.8

IV. Local Health Care: How would you rate the services offered by the following health providers in your area? Also, indicate if you have received services from these providers during the last year.

	<i>Poor</i>		<i>Adequate</i>		<i>Excellent</i>		<i>Don't Know</i>		<i>Used in last year?</i>			
									<i>Yes</i>		<i>No</i>	
	#	%	#	%	#	%	#	%	#	%	#	%
County Ambulance District	2	4.3	28	60.9	16	34.8	5	10.9	3	7.0	40	93.0
County Health Department	4	7.7	24	46.2	21	40.4	3	5.8	29	65.9	15	34.1
Community Health Clinic (other than Health Dept.)	2	4.4	25	55.6	11	24.4	7	15.6	19	51.4	18	48.6
Private Physician	4	3.2	24	49.0	12	24.5	9	18.4	31	75.6	10	24.4
Local Hospital	18	36.7	18	36.7	5	10.2	8	16.3	14	35.9	25	64.1
Telehealth Services	3	6.8	7	15.9	1	2.3	33	75.0	0	0	26	100.0

If you have NOT used the above services, please check ALL the reasons that apply:

	#	%
Not physically accessible	0	0
Have no means to pay for these services	3	5.6
These do not provide the services my family needs	6	11.1
Went to a larger city with more medical resources	21	38.9
Did not know these services were provided in my area	5	9.3
Medical provider did not speak my language	0	0
Open hours not convenient	3	5.6
Have no transportation	0	0
Other	0	0

V. Other Needs: How well are the following services being met by the health providers in your area? Do you think these services should be available in your county?

	<i>Poor</i>		<i>Adequate</i>		<i>Excellent</i>		<i>County Needs?</i>					
							<i>Yes</i>		<i>No</i>		<i>Don't Know</i>	
	#	%	#	%	#	%	#	%	#	%	#	%
Cardiac rehabilitation	26	60.5	16	37.2	1	2.3	29	60.4	1	2.1	18	37.5
Cancer screenings:												
a. Colon	22	52.4	17	40.5	3	7.1	30	60.0	4	8.0	16	32.0
b. Prostate	18	43.9	21	51.2	2	4.9	30	61.2	2	4.1	17	34.7
c. Skin	20	47.6	21	50.0	1	2.4	32	65.3	1	2.0	16	32.7
Chronic disease support groups	25	65.8	13	34.2	0	0	23	47.9	6	12.5	19	39.6
Communicable disease control	14	35.0	22	55.0	4	10.0	24	50.0	5	10.4	19	39.6
Community health education	12	30.0	25	62.5	3	7.5	33	71.7	3	6.5	10	21.7
Daycare facility inspection	3	7.9	29	76.3	6	15.8	26	53.1	6	12.2	17	34.7
Family planning	14	34.1	20	48.8	7	17.1	27	58.7	7	15.2	12	26.1
Flu shots	4	8.3	25	52.1	19	40.0	40	78.4	5	9.8	6	11.8
Home visits for the elderly	8	19.0	21	50.0	13	31.0	37	74.0	3	6.0	10	20.0
Immunizations for adults	8	18.6	25	58.1	10	20.8	37	77.1	4	8.3	7	14.6
Immunizations for children	5	11.9	22	52.4	15	35.7	37	77.1	5	10.4	6	12.5
Investigating public health complaints	13	35.1	21	56.8	3	8.1	31	64.6	3	6.3	14	29.2
Issuing birth and death certificates	3	7.0	23	53.5	17	39.5	32	68.1	6	12.8	9	19.1
Lab services	9	22.5	28	70.0	3	7.5	36	75.0	1	2.1	11	22.9
Newborn home visits	11	30.6	19	52.8	6	16.7	25	55.6	3	6.7	17	37.8
Nutrition counseling/education	14	35.9	21	53.8	4	10.3	29	64.4	3	6.7	13	28.9
Physical therapy	23	53.5	15	34.9	5	11.6	39	81.3	0	0	9	18.8
Programs												
a. Consumer insurance education	3	23.1	9	69.2	1	7.7	29	63.0	2	4.3	15	32.6
b. Personal fitness/wellness	24	60.0	14	35.0	2	5.0	35	74.5	4	8.5	8	17.0
c. Respite/hospice	9	21.4	25	59.5	8	19.0	34	79.1	2	4.7	9	20.9
d. Support groups	24	58.5	16	39.0	1	2.4	29	63.0	3	6.5	14	30.3
Public health policy development	11	32.4	22	64.7	1	2.9	23	53.5	4	9.3	16	37.2
Radiology (X-ray)	20	51.3	17	43.6	2	5.1	11	47.8	1	4.3	11	47.8
Respiratory therapy	15	38.5	21	53.8	3	7.7	32	71.1	1	2.2	12	26.7
School health services	7	17.9	26	66.7	6	15.4	34	77.3	3	6.8	7	15.9
Screenings												
a. Blood pressure	3	6.4	29	61.7	15	31.9	41	85.4	0	0	7	14.6
b. Bone density	15	35.7	23	54.8	4	9.5	34	72.3	1	2.1	12	25.5
c. Cholesterol	5	11.4	28	63.6	11	25.0	38	80.9	1	2.1	8	17.0
d. Diabetic testing	5	11.6	28	65.1	10	23.3	37	80.4	3	6.5	6	13.0
STD testing/treatment	17	53.1	15	46.9	0	0	27	61.4	1	2.3	16	36.4
Women's health services												
a. Mammograms	13	32.5	24	60.0	3	7.5	38	79.2	3	6.3	7	14.6
b. Pap smear	11	26.2	25	59.5	6	14.3	38	77.6	3	6.1	8	16.3
c. Pregnancy testing	6	15.8	24	63.2	8	21.1	35	72.9	2	4.2	11	22.9
d. WIC	3	7.7	19	48.7	17	43.6	33	68.8	4	8.3	11	22.9