

Summary of Sullivan County

Demographic Information

- The majority of respondents were female (81.6%) between the ages of 45-64 (58.3%).
- Over half (56.0%) of household members were covered under group insurance.
- Three ethnic categories are represented in this survey: White (95%), American Indian or Alaskan Native (1.6%), and Hispanic or Latino (3.3%). Almost all respondents (95%) indicated that they were not a member of a cultural community, either by marking no or by not answering.
- Of those who returned the survey, nearly half (45%) reported high school as their highest level of education, followed by those having a college degree or higher (28.3%).
- The annual household income was reported as follows (in decreasing order by percentage): \$10,000-\$25,000 (25%), \$25,001-\$40,000 (20%), under \$10,000 (16.7%), \$55,001-\$70,000 (13.3%), \$40,001-\$55,000 (8.3%), and \$70,000+ (5%).

Health Concerns

Lifestyle Health Risks

- The majority of those responding indicated the substance use category as most **important**. The major concerns listed included: illegal drugs (93.1%), underage drinking (88.1%), binge drinking (84.5%), and tobacco use (76.3%).
- Lead in homes had the highest percentage of respondents (61%) marking **don't know** when questioned if this issue was being adequately met in Sullivan County.

Diseases

- There was a very small percentage of respondents (5% and under) who indicated the listed diseases as **not important**.
- Overall, 25-30% of the respondents marked **somewhat important** as their response regarding concern for these diseases.
- The response of **important** listed heart disease (93.3%), cancer (91.7%), and high blood pressure (85%) being the top concerns, while reflecting that heart disease (45.6%) and high blood pressure (47.4%) needs were **adequately being met**.

Environmental Health

- The two concerns with the largest percentage of respondents marking **important** were: drinking water quality (91.5%) and crime prevention (84.7%).

- The two concerns with the largest percentage of respondents marking that the needs were **being adequately met** included: trash disposal (59.6%) and drinking water quality (50%).

Affordable Health Care

- Mental health care received the greatest number of responses (40.4%) in the don't know if affordable category, followed by preventative screenings at 10.3%.
- Under the area of not affordable health care, prescription drugs received 65.5%, while health insurance received 62.1%.
- Dental and medical care both received 50% in the response category of somewhat affordable.
- Less than 9% of the respondents answered affordable in every category.

Local Health Care

- The majority of the respondents (48%) rated the services of private physicians as excellent, with 87.8% indicating use of these services in the last year.
- The services of the county ambulance district, county health department, and local hospital all received a rating of adequate by at least 50.9% or higher of total respondents who answered that question.

Other Needs

- The majority of respondents (50-70%) marked adequate for needs being met in each service category.
- Consumer insurance education received the poorest rating at 60.9%.
- WIC services received 46.9% in both the excellent and adequate categories.
- At least 44% of respondents indicated that all the listed services were **needed** in the county.

Sullivan County Data Results

Report for Sullivan County Number of Respondents – 60 Response Rate – 17.39%

I. Demographic Information

A. Age of person responding to survey:

<i>Age</i>	<i>Number</i>	<i>Percent</i>
18-24	3	5.0
25-44	11	18.3
45-64	35	58.3
65-84	9	15.0
85+	2	3.3

B. Sex of person responding to survey:

<i>Sex</i>	<i>Number</i>	<i>Percent</i>
Male	11	18.3
Female	49	81.6

C. Number of people living in household of respondent: 141

	<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)	7	7	8	15	33	8	2
Male(s)	6	5	6	15	23	5	1

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

<i>Type of Health Coverage</i>	<i>Number</i>	<i>Percent</i>
		+
None	11	7.8
Private Insurance	12	8.5
Group Insurance	79	56.0
Medicare with supplement	27	19.1
Medicare without supplement	9	6.4
Medicaid	11	7.8
MC+	17	12.1

*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	57	95.0
Black	0	0
American Indian or Alaskan Native	1	1.6
Asian	0	0
Hispanic or Latino	2	3.3
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	1	1.7
Other	2	3.3

G. Education level of person responding:

<i>Education Level</i>	<i>Number</i>	<i>Percent</i>
Less Than High School	7	11.7
High School Diploma	27	45.0
Some College	9	15.0
College Degree or Higher	17	28.3

H. Annual household income level:

<i>Income Level</i>	<i>Number</i>	<i>Percent</i>
Under \$10,000	10	16.7
\$10,000-\$25,000	15	25.0
\$25,001-\$40,000	12	20.0
\$40,001-\$55,000	5	8.3
\$55,001-\$70,000	8	13.3
\$70,000+	3	5.0

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	10	17.9	46	82.1	13	23.2	19	33.9	24	42.9
b. Spouse	4	7.0	15	26.3	38	66.7	13	22.8	15	26.3	29	50.9
c. Elder	1	1.8	14	25.0	41	73.2	13	22.8	17	29.8	27	47.4
Adequate immunization	0	0	14	24.6	43	75.4	37	63.8	8	13.8	13	22.4
Condom use	10	16.9	20	33.9	29	49.2	10	17.5	9	15.8	38	66.7
Injury of elders in home	2	3.4	18	31.0	38	65.5	17	33.3	9	17.6	25	49.0
Lack of exercise	2	3.6	22	39.3	32	57.1	8	14.3	27	48.2	21	37.5
Lead in homes	6	10.3	23	39.7	29	50.0	15	25.4	8	13.6	36	61.0
Obesity	3	5.3	12	21.1	42	73.7	12	21.8	25	45.5	18	32.7
Oral hygiene/care	1	1.7	20	34.5	37	63.8	26	44.1	13	22.0	20	33.9
Prenatal care	2	3.5	8	14.0	47	82.5	31	54.3	5	8.8	21	36.8
Safety-vehicular:												
a. Helmet use	6	10.7	18	32.1	32	57.1	23	49.7	13	22.4	22	37.9
b. Child safety seat use	2	3.4	2	3.4	54	93.1	33	56.9	12	20.7	13	22.4
c. Seatbelt use	3	5.2	9	15.5	46	79.3	33	56.9	15	25.9	10	17.2
School violence	3	5.5	6	10.9	46	83.6	11	20.0	22	40.0	22	40.0
Substance use:												
a. Binge drinking	0	0	9	15.5	49	84.5	4	6.8	29	49.2	26	44.1
b. Illegal drug use	0	0	4	6.9	54	93.1	5	8.4	38	64.4	16	27.1
c. Tobacco use	3	5.1	11	18.6	45	76.3	13	22.0	29	49.2	17	28.8
d. Underage drinking	0	0	7	11.9	52	88.1	7	11.9	35	59.3	17	28.8
Suicide	4	6.8	9	15.3	46	78.0	6	10.2	19	32.2	34	57.6
Teen pregnancy	1	1.7	10	16.9	48	81.4	6	10.3	30	51.7	22	37.9

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	23.3	46	76.7	13	24.1	20	37.0	21	38.9
Arthritis	2	3.3	17	28.3	41	68.3	16	28.6	17	30.4	23	41.1
Asthma	3	5.0	13	21.7	44	73.3	20	35.1	11	19.3	26	45.6
Cancer	0	0	5	8.3	55	91.7	16	29.1	19	34.5	20	36.4
Dental problems	1	1.7	18	30.5	40	67.8	19	34.5	16	29.1	20	36.4
Depression	2	3.3	12	20.0	46	76.7	10	17.5	21	36.8	26	45.6
Hearing loss	3	5.0	21	35.0	36	60.0	11	19.6	18	36.1	27	48.2
Heart disease	0	0	4	6.7	56	93.3	26	45.6	12	21.1	19	33.3
High blood pressure	0	0	9	15.0	51	85.0	27	47.4	8	14.0	22	38.6
High cholesterol	1	1.7	13	22.0	45	76.3	24	42.9	10	17.9	22	39.3
HIV/AIDS	1	1.7	12	20.0	47	78.3	7	12.3	13	22.8	37	64.9
Influenza	1	1.7	12	20.0	47	78.3	21	37.5	16	28.6	19	33.9
Lung disease	2	3.4	15	25.4	42	71.2	10	17.9	9	16.1	37	66.1
Mental disorders	2	3.4	17	29.3	39	67.2	6	10.9	12	21.8	37	67.3
Osteoporosis	2	3.4	19	25.4	38	64.4	13	23.2	8	14.3	35	62.5
Pneumonia	2	3.4	15	25.9	41	70.7	23	41.8	9	16.4	23	41.8
Pulmonary disease (COPD)	2	3.4	16	27.1	41	69.5	13	23.6	9	16.4	33	60.0
Vision loss	1	1.7	16	27.1	42	71.2	18	32.7	16	29.1	21	38.2
Other	0	0	2	22.2	7	77.8	1	14.3	3	42.9	3	42.1

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	15.8	18	31.6	30	52.6	10	17.9	22	39.3	24	42.9
Community safety	2	3.4	14	23.7	43	72.9	17	32.1	21	39.6	15	28.3
Crime prevention	1	1.7	8	13.6	50	84.7	18	32.1	22	39.3	16	28.6
Domestic animal control	4	7.0	27	47.4	26	45.6	15	27.3	22	40.0	18	32.7
Drinking water quality	1	1.7	4	6.8	54	91.5	28	50.0	8	14.3	20	35.7
Hazardous materials handling	2	3.4	19	32.8	37	63.8	12	21.8	13	23.6	30	54.5
Housing safe and adequate	2	3.6	17	30.4	37	66.1	18	32.7	13	23.6	24	43.6
Indoor air quality	4	6.9	21	36.2	33	56.9	16	29.1	10	18.2	29	52.7
Lead poisoning inspection	6	10.2	19	32.2	34	57.6	18	31.6	7	12.3	32	56.1
Onsite sewage inspection	7	12.1	25	43.1	26	44.8	10	18.2	9	16.4	36	65.5
Outdoor air quality	4	6.8	17	28.8	38	64.4	12	21.1	12	21.1	33	57.9
Pest control (insects, rats)	5	8.5	19	32.2	35	59.3	17	30.4	15	26.8	24	42.9
Recreational water quality	11	19.0	21	36.2	26	44.8	14	24.6	9	15.8	34	59.6
Recycling	5	8.6	27	46.6	26	44.8	25	44.6	15	26.8	16	28.6
Restaurant inspection	1	1.8	11	19.6	45	80.4	14	24.6	16	28.1	27	47.4
Trash disposal	2	3.4	10	17.2	46	79.3	34	59.6	9	15.8	14	24.6
Workplace safety/health	2	3.4	12	20.7	44	75.9	22	38.6	11	19.3	24	42.1
Other	0	0	2	25.0	6	75.0	2	25.0	2	25.0	4	50.0

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	22	37.9	29	50.0	5	8.6	2	9.1
Health insurance	36	62.1	15	25.9	4	6.9	3	5.2
Medical care	21	36.2	29	50.0	5	8.6	3	5.2
Mental health care	20	35.1	13	22.8	1	1.8	23	40.4
Prescription drugs	38	65.5	18	31.0	1	1.7	1	1.7
Preventative screenings	24	41.4	26	44.8	2	3.4	6	10.3
Urgent or emergency care	25	43.9	23	40.4	5	8.8	4	7.0
Vision	26	45.6	24	42.1	3	5.3	4	7.0

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	7	12.3	29	50.9	7	12.3	14	24.6	3	6.0	47	94.0
County Health Department	2	3.5	32	56.1	14	24.6	9	15.8	18	36.7	31	63.3
Community Health Clinic (other than Health Dept.)	1	1.9	25	48.1	6	11.5	20	38.5	14	30.4	32	69.6
Private Physician	4	7.1	21	37.5	27	48.2	4	7.1	43	87.8	6	12.2
Local Hospital	7	12.3	34	59.6	11	19.3	5	8.8	30	62.5	18	37.5
Telehealth Services	5	10.4	14	29.2	3	6.3	26	54.2	6	14.3	36	85.7

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	9	16.4
These do not provide the services my family needs	8	14.5
Went to a larger city with more medical resources	13	23.6
Did not know these services were provided in my area	6	10.9
Medical provider did not speak my language	1	1.8
Open hours not convenient	3	5.5
Have no transportation	2	3.6
Other	13	23.6

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	11	22.0	29	58.0	10	20.0	32	68.1	4	8.5	11	23.4
Cancer screenings:												
a. Colon	16	32.7	26	53.1	7	14.3	37	75.5	4	8.2	8	16.3
b. Prostate	15	30.0	29	58.0	6	12.0	38	76.0	4	8.0	8	16.0
c. Skin	19	39.6	25	52.1	4	8.3	33	67.3	3	6.1	13	26.5
Chronic disease support groups	22	48.9	22	48.9	1	2.2	20	44.4	5	11.1	20	44.4
Communicable disease control	15	32.6	28	60.9	3	6.5	26	54.2	6	12.5	16	33.3
Community health education	14	31.1	30	66.7	1	2.2	30	60.0	7	14.0	13	26.0
Daycare facility inspection	11	26.8	28	68.3	2	4.9	29	58.0	5	10.0	16	32.0
Family planning	14	29.8	29	61.7	4	8.5	33	66.0	7	14.0	10	20.0
Flu shots	19	35.2	26	48.1	9	16.7	42	84.0	3	6.0	5	10.0
Home visits for the elderly	8	16.0	30	60.0	12	24.0	36	72.0	4	8.0	10	20.0
Immunizations for adults	11	21.6	30	58.8	10	19.6	38	80.9	3	6.4	6	12.8
Immunizations for children	3	6.1	27	55.1	19	38.8	34	72.3	6	12.8	7	14.9
Investigating public health complaints	14	31.8	25	56.8	5	11.4	30	62.5	2	4.2	16	33.3
Issuing birth and death certificates	3	6.4	31	66.0	13	27.7	38	79.2	3	6.3	7	14.6
Lab services	9	19.1	28	59.6	10	21.3	36	73.5	5	10.2	8	16.3
Newborn home visits	13	28.9	26	57.8	6	13.3	25	51.0	2	4.1	22	44.9
Nutrition counseling/education	11	23.9	29	67.4	6	13.0	29	61.7	3	6.4	15	31.9
Physical therapy	7	13.7	29	56.9	15	29.4	39	78.0	4	8.0	7	14.0
Programs												
a. Consumer insurance education	28	60.9	16	34.8	2	4.3	29	61.7	4	8.5	14	29.8
b. Personal fitness/wellness	23	46.9	22	44.9	4	8.2	37	75.5	1	2.0	11	22.4
c. Respite/hospice	14	29.2	26	54.2	8	16.7	34	69.4	4	8.2	11	22.4
d. Support groups	24	52.2	19	41.3	3	6.5	28	59.6	3	6.4	16	34.0
Public health policy development	19	46.3	22	53.7	0	0	23	52.3	3	6.8	18	40.9
Radiology (X-ray)	8	16.7	35	72.9	5	10.4	31	67.4	6	13.0	9	19.6
Respiratory therapy	8	17.8	29	64.4	8	17.8	32	69.6	3	6.5	11	23.9
School health services	8	16.7	31	64.6	9	18.8	34	69.4	5	10.2	10	20.4
Screenings												
a. Blood pressure	4	8.5	25	53.2	18	38.3	37	77.1	4	8.3	7	14.6
b. Bone density	9	19.6	25	54.3	12	26.1	34	70.8	4	8.3	10	20.8
c. Cholesterol	7	14.6	27	56.3	14	29.2	37	75.5	5	10.2	7	14.3
d. Diabetic testing	7	14.6	28	58.3	13	27.1	37	75.5	4	8.2	8	16.3
STD testing/treatment	9	23.7	22	57.9	7	18.4	27	56.3	4	8.2	17	35.4
Women's health services												
a. Mammograms	7	14.9	28	59.6	12	25.5	37	77.1	2	4.2	9	18.8
b. Pap smear	4	8.0	32	64.0	14	28.0	37	77.1	5	10.4	6	12.5
c. Pregnancy testing	3	6.4	29	61.7	15	31.9	30	61.2	6	12.2	13	26.5
d. WIC	3	6.1	23	46.9	23	46.9	32	66.7	5	10.4	11	22.9