

The National Citizen Survey™

Bowling Green, KY

Technical Appendices

2014

Contents

Appendix A: Complete Survey Responses	1
Appendix B: Benchmark Comparisons	19
Appendix C: Detailed Survey Methods	32
Appendix D: Survey Materials	37

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Appendix A: Complete Survey Responses

Responses excluding “don’t know”

The following pages contain a complete set of responses to each question on the survey, excluding the “don’t know” responses. The percent of respondents giving a particular response is shown followed by the number of respondents (denoted with “N=”).

Table 1: Question 1

Please rate each of the following aspects of quality of life in Bowling Green:	Excellent		Good		Fair		Poor		Total	
Bowling Green as a place to live	35%	N=82	55%	N=131	10%	N=24	0%	N=0	100%	N=237
Your neighborhood as a place to live	33%	N=76	42%	N=98	18%	N=43	7%	N=16	100%	N=232
Bowling Green as a place to raise children	34%	N=75	48%	N=104	17%	N=38	1%	N=2	100%	N=218
Bowling Green as a place to work	30%	N=69	40%	N=91	26%	N=59	5%	N=11	100%	N=229
Bowling Green as a place to visit	23%	N=55	44%	N=102	27%	N=62	6%	N=15	100%	N=235
Bowling Green as a place to retire	25%	N=51	38%	N=76	28%	N=55	9%	N=17	100%	N=199
The overall quality of life in Bowling Green	26%	N=61	58%	N=136	16%	N=37	1%	N=2	100%	N=236

Table 2: Question 2

Please rate each of the following characteristics as they relate to Bowling Green as a whole:	Excellent		Good		Fair		Poor		Total	
Overall feeling of safety in Bowling Green	20%	N=47	56%	N=131	21%	N=49	4%	N=8	100%	N=236
Overall ease of getting to the places you usually have to visit	16%	N=38	51%	N=119	26%	N=61	7%	N=17	100%	N=234
Quality of overall natural environment in Bowling Green	23%	N=55	55%	N=130	20%	N=47	1%	N=2	100%	N=234
Overall "built environment" of Bowling Green (including overall design, buildings, parks and transportation systems)	15%	N=35	50%	N=116	30%	N=70	6%	N=13	100%	N=234
Health and wellness opportunities in Bowling Green	19%	N=44	52%	N=119	26%	N=59	3%	N=8	100%	N=230
Overall opportunities for education and enrichment	28%	N=64	51%	N=119	21%	N=49	0%	N=0	100%	N=232
Overall economic health of Bowling Green	16%	N=37	47%	N=108	32%	N=73	4%	N=10	100%	N=229
Sense of community	18%	N=42	47%	N=109	25%	N=59	9%	N=20	100%	N=231
Overall image or reputation of Bowling Green	21%	N=48	57%	N=133	21%	N=48	2%	N=4	100%	N=234

Table 3: Question 3

Please indicate how likely or unlikely you are to do each of the following:	Very likely		Somewhat likely		Somewhat unlikely		Very unlikely		Total	
Recommend living in Bowling Green to someone who asks	43%	N=100	50%	N=117	4%	N=8	3%	N=7	100%	N=232
Remain in Bowling Green for the next five years	61%	N=140	25%	N=58	7%	N=16	7%	N=15	100%	N=229

Table 4: Question 4

Please rate how safe or unsafe you feel:	Very safe		Somewhat safe		Neither safe nor unsafe		Somewhat unsafe		Very unsafe		Total	
In your neighborhood during the day	60%	N=143	33%	N=79	3%	N=6	2%	N=5	2%	N=4	100%	N=236
In Bowling Green's downtown/commercial area during the day	52%	N=118	39%	N=88	5%	N=12	3%	N=8	1%	N=2	100%	N=228

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Table 5: Question 5

Please rate each of the following characteristics as they relate to Bowling Green as a whole:	Excellent		Good		Fair		Poor		Total	
Traffic flow on major streets	4%	N=10	33%	N=77	43%	N=101	20%	N=48	100%	N=235
Ease of public parking	11%	N=25	40%	N=93	33%	N=77	16%	N=36	100%	N=232
Ease of travel by car in Bowling Green	11%	N=26	52%	N=122	27%	N=62	10%	N=24	100%	N=234
Ease of travel by public transportation in Bowling Green	6%	N=7	25%	N=30	25%	N=31	44%	N=54	100%	N=122
Ease of travel by bicycle in Bowling Green	8%	N=11	27%	N=37	32%	N=44	32%	N=43	100%	N=135
Ease of walking in Bowling Green	10%	N=22	38%	N=79	38%	N=79	14%	N=28	100%	N=208
Availability of paths and walking trails	14%	N=28	35%	N=69	34%	N=66	17%	N=32	100%	N=196
Air quality	15%	N=34	58%	N=132	18%	N=41	8%	N=19	100%	N=226
Cleanliness of Bowling Green	18%	N=42	56%	N=131	23%	N=55	3%	N=7	100%	N=236
Overall appearance of Bowling Green	22%	N=51	56%	N=132	18%	N=44	4%	N=9	100%	N=236
Public places where people want to spend time	15%	N=34	51%	N=117	29%	N=66	5%	N=11	100%	N=228
Variety of housing options	13%	N=29	46%	N=101	30%	N=66	12%	N=26	100%	N=221
Availability of affordable quality housing	13%	N=28	39%	N=85	29%	N=63	20%	N=43	100%	N=218
Fitness opportunities (including exercise classes and paths or trails, etc.)	21%	N=46	49%	N=105	27%	N=59	3%	N=6	100%	N=216
Recreational opportunities	20%	N=45	44%	N=100	32%	N=73	4%	N=8	100%	N=226
Availability of affordable quality food	23%	N=54	52%	N=122	18%	N=42	8%	N=19	100%	N=237
Availability of affordable quality health care	12%	N=26	54%	N=119	23%	N=50	12%	N=26	100%	N=221
Availability of preventive health services	14%	N=30	54%	N=117	23%	N=51	9%	N=19	100%	N=217
Availability of affordable quality mental health care	13%	N=18	40%	N=57	28%	N=39	20%	N=28	100%	N=143

Table 6: Question 6

Please rate each of the following characteristics as they relate to Bowling Green as a whole:	Excellent		Good		Fair		Poor		Total	
Availability of affordable quality child care/preschool	14%	N=17	40%	N=49	25%	N=31	21%	N=25	100%	N=121
K-12 education	26%	N=44	41%	N=70	29%	N=48	3%	N=6	100%	N=168
Adult educational opportunities	23%	N=44	46%	N=90	27%	N=53	4%	N=7	100%	N=194
Opportunities to attend cultural/arts/music activities	26%	N=53	37%	N=76	28%	N=59	9%	N=19	100%	N=207
Opportunities to participate in religious or spiritual events and activities	35%	N=70	45%	N=88	15%	N=30	5%	N=9	100%	N=197
Employment opportunities	8%	N=18	41%	N=90	38%	N=84	13%	N=28	100%	N=220
Shopping opportunities	23%	N=52	48%	N=109	26%	N=60	3%	N=7	100%	N=227
Cost of living in Bowling Green	9%	N=21	44%	N=99	39%	N=89	7%	N=17	100%	N=227
Overall quality of business and service establishments in Bowling Green	14%	N=32	55%	N=122	28%	N=63	3%	N=6	100%	N=222
Vibrant downtown/commercial area	16%	N=34	41%	N=89	39%	N=85	4%	N=8	100%	N=215
Overall quality of new development in Bowling Green	19%	N=42	48%	N=106	28%	N=62	5%	N=12	100%	N=222
Opportunities to participate in social events and activities	15%	N=33	43%	N=93	33%	N=70	9%	N=19	100%	N=214
Opportunities to volunteer	20%	N=39	50%	N=100	25%	N=51	5%	N=9	100%	N=199
Opportunities to participate in community matters	13%	N=26	45%	N=88	34%	N=66	8%	N=16	100%	N=196
Openness and acceptance of the community toward people of diverse backgrounds	18%	N=40	39%	N=85	31%	N=68	11%	N=24	100%	N=217
Neighborliness of residents in Bowling Green	12%	N=26	47%	N=105	34%	N=76	8%	N=18	100%	N=226

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Table 7: Question 7

Please indicate whether or not you have done each of the following in the last 12 months.	No		Yes		Total	
Made efforts to conserve water	33%	N=77	67%	N=158	100%	N=235
Made efforts to make your home more energy efficient	32%	N=74	68%	N=160	100%	N=235
Observed a code violation or other hazard in Bowling Green	61%	N=143	39%	N=90	100%	N=233
Household member was a victim of a crime in Bowling Green	90%	N=210	10%	N=24	100%	N=234
Reported a crime to the police in Bowling Green	76%	N=178	24%	N=56	100%	N=234
Stocked supplies in preparation for an emergency	75%	N=176	25%	N=59	100%	N=235
Campaigned or advocated for an issue, cause or candidate	81%	N=189	19%	N=45	100%	N=234
Contacted the City of Bowling Green (in-person, phone, email or web) for help or information	67%	N=157	33%	N=78	100%	N=235
Contacted Bowling Green elected officials (in-person, phone, email or web) to express your opinion	81%	N=189	19%	N=46	100%	N=235

Table 8: Question 8

In the last 12 months, about how many times, if at all, have you or other household members done each of the following in Bowling Green?	2 times a week or more		2-4 times a month		Once a month or less		Not at all		Total	
Used Bowling Green recreation centers or their services	11%	N=27	16%	N=37	30%	N=70	43%	N=102	100%	N=235
Visited a neighborhood park or City park	16%	N=37	28%	N=64	37%	N=87	19%	N=45	100%	N=233
Used Bowling Green public libraries or their services	6%	N=13	22%	N=50	35%	N=81	38%	N=89	100%	N=233
Participated in religious or spiritual activities in Bowling Green	24%	N=55	25%	N=58	15%	N=34	37%	N=86	100%	N=233
Attended a City-sponsored event	2%	N=6	12%	N=28	36%	N=83	50%	N=116	100%	N=233
Used bus, rail, subway or other public transportation instead of driving	0%	N=1	6%	N=13	5%	N=13	88%	N=206	100%	N=233
Carpooled with other adults or children instead of driving alone	13%	N=29	12%	N=27	20%	N=48	55%	N=129	100%	N=233
Walked or biked instead of driving	14%	N=32	10%	N=23	15%	N=35	61%	N=141	100%	N=232
Volunteered your time to some group/activity in Bowling Green	12%	N=29	12%	N=27	21%	N=48	56%	N=131	100%	N=235
Participated in a club	7%	N=16	11%	N=25	16%	N=37	67%	N=156	100%	N=235
Talked to or visited with your immediate neighbors	34%	N=79	34%	N=79	19%	N=45	14%	N=33	100%	N=235
Done a favor for a neighbor	15%	N=35	26%	N=62	40%	N=94	18%	N=42	100%	N=233

Table 9: Question 9

Thinking about local public meetings (of local elected officials like the City of Bowling Green Board of Commissioners or Warren County Fiscal Court, advisory boards, town halls, HOA, neighborhood watch, etc.), in the last 12 months, about how many times, if at all, have you or other household members attended or watched a local public meeting?	2 times a week or more		2-4 times a month		Once a month or less		Not at all		Total	
Attended a local public meeting	0%	N=0	3%	N=6	12%	N=27	86%	N=199	100%	N=232
Watched (online or on television) a local public meeting	2%	N=5	9%	N=20	24%	N=56	65%	N=152	100%	N=234

Table 10: Question 10

Please rate the quality of each of the following services in Bowling Green:	Excellent		Good		Fair		Poor		Total	
Bowling Green Police Department Services	24%	N=48	52%	N=105	17%	N=35	7%	N=13	100%	N=201
Bowling Green Fire Department Services	43%	N=75	50%	N=88	7%	N=13	0%	N=0	100%	N=176
Ambulance or emergency medical services	31%	N=55	60%	N=107	9%	N=16	0%	N=0	100%	N=179
Crime prevention	14%	N=24	47%	N=84	22%	N=39	18%	N=31	100%	N=178
Fire prevention and education	17%	N=28	51%	N=84	29%	N=48	2%	N=4	100%	N=165
Traffic enforcement	14%	N=27	46%	N=93	27%	N=54	13%	N=25	100%	N=200

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Please rate the quality of each of the following services in Bowling Green:	Excellent		Good		Fair		Poor		Total	
Street repair	4%	N=9	31%	N=68	44%	N=95	21%	N=44	100%	N=217
Street cleaning	8%	N=17	47%	N=101	33%	N=72	12%	N=26	100%	N=216
Street lighting	10%	N=22	54%	N=120	27%	N=61	9%	N=21	100%	N=224
Snow removal	10%	N=22	45%	N=97	26%	N=55	19%	N=40	100%	N=214
Sidewalk maintenance	4%	N=9	40%	N=87	40%	N=85	16%	N=34	100%	N=216
Traffic signal timing	7%	N=16	35%	N=77	31%	N=68	26%	N=57	100%	N=217
Bus or transit services	6%	N=7	33%	N=38	35%	N=40	26%	N=30	100%	N=115
Garbage collection	20%	N=44	53%	N=118	17%	N=38	10%	N=21	100%	N=221
Recycling	17%	N=35	54%	N=111	21%	N=44	8%	N=17	100%	N=207
Yard waste pick-up	13%	N=26	39%	N=75	33%	N=64	15%	N=29	100%	N=194
Storm drainage	8%	N=14	48%	N=89	31%	N=57	13%	N=24	100%	N=185
Drinking water	16%	N=33	57%	N=120	19%	N=39	9%	N=19	100%	N=211
Power (electric and/or gas) utility	19%	N=43	54%	N=125	22%	N=51	5%	N=11	100%	N=231
Utility billing	13%	N=29	49%	N=112	26%	N=59	12%	N=29	100%	N=228
City parks	30%	N=61	49%	N=101	19%	N=38	2%	N=4	100%	N=204
Recreation programs or classes	23%	N=36	42%	N=65	31%	N=47	4%	N=7	100%	N=155
Recreation centers or facilities	21%	N=35	44%	N=75	30%	N=50	6%	N=10	100%	N=171
Land use, planning and zoning	10%	N=15	40%	N=58	34%	N=51	16%	N=23	100%	N=147
Code enforcement (weeds, abandoned buildings, etc.)	7%	N=11	40%	N=66	31%	N=51	22%	N=35	100%	N=163
Animal control	8%	N=14	52%	N=85	31%	N=51	9%	N=15	100%	N=164
Economic development	16%	N=29	51%	N=94	29%	N=54	4%	N=8	100%	N=186
Health services	12%	N=24	58%	N=119	26%	N=54	4%	N=9	100%	N=207
Public library services	27%	N=51	58%	N=111	15%	N=28	1%	N=2	100%	N=191
Public information services	14%	N=22	54%	N=84	28%	N=43	4%	N=6	100%	N=156
Bowling Green TV Channel 4	11%	N=15	50%	N=66	29%	N=39	9%	N=12	100%	N=132
Emergency preparedness (services that prepare the community for natural disasters or other emergency situations)	15%	N=24	50%	N=81	24%	N=39	12%	N=19	100%	N=164
Preservation of natural areas such as open space, farmlands and greenbelts	7%	N=12	48%	N=75	33%	N=52	12%	N=19	100%	N=157
Bowling Green open space	10%	N=16	46%	N=70	33%	N=51	11%	N=17	100%	N=154
City-sponsored special events	9%	N=15	56%	N=92	28%	N=46	6%	N=10	100%	N=163
Overall customer service by Bowling Green employees (police, receptionists, planners, etc.)	16%	N=31	45%	N=87	29%	N=56	10%	N=20	100%	N=193
City of Bowling Green website	8%	N=10	56%	N=74	27%	N=35	9%	N=12	100%	N=130

Table 11: Question 11

Overall, how would you rate the quality of the services provided by each of the following?	Excellent		Good		Fair		Poor		Total	
The City of Bowling Green	17%	N=36	53%	N=114	27%	N=58	4%	N=9	100%	N=217
The Federal Government	2%	N=5	35%	N=70	35%	N=72	28%	N=56	100%	N=203

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Table 12: Question 12

Please rate the following categories of Bowling Green government performance:	Excellent		Good		Fair		Poor		Total	
The value of services for the taxes paid to Bowling Green	4%	N=9	47%	N=93	35%	N=69	13%	N=25	100%	N=197
The overall direction that Bowling Green is taking	15%	N=30	46%	N=92	34%	N=68	5%	N=10	100%	N=200
The job Bowling Green government does at welcoming citizen involvement	10%	N=18	44%	N=79	28%	N=51	17%	N=31	100%	N=179
Overall confidence in Bowling Green government	8%	N=16	38%	N=76	38%	N=77	16%	N=32	100%	N=201
Generally acting in the best interest of the community	12%	N=25	40%	N=82	37%	N=75	10%	N=21	100%	N=202
Being honest	9%	N=16	43%	N=78	27%	N=48	21%	N=38	100%	N=180
Treating all residents fairly	8%	N=15	38%	N=72	25%	N=47	29%	N=56	100%	N=190

Table 13: Question 13

Please rate how important, if at all, you think it is for the Bowling Green community to focus on each of the following in the coming two years:	Essential		Very important		Somewhat important		Not at all important		Total	
Overall feeling of safety in Bowling Green	52%	N=124	35%	N=82	12%	N=29	1%	N=2	100%	N=236
Overall ease of getting to the places you usually have to visit	26%	N=60	59%	N=140	13%	N=30	2%	N=5	100%	N=236
Quality of overall natural environment in Bowling Green	30%	N=71	50%	N=117	16%	N=38	3%	N=8	100%	N=234
Overall "built environment" of Bowling Green (including overall design, buildings, parks and transportation systems)	19%	N=44	50%	N=118	29%	N=68	2%	N=5	100%	N=234
Health and wellness opportunities in Bowling Green	33%	N=77	48%	N=113	17%	N=39	2%	N=6	100%	N=234
Overall opportunities for education and enrichment	38%	N=89	46%	N=106	13%	N=31	3%	N=7	100%	N=234
Overall economic health of Bowling Green	39%	N=91	53%	N=124	6%	N=14	2%	N=5	100%	N=233
Sense of community	31%	N=73	48%	N=112	17%	N=40	4%	N=9	100%	N=234

Table 14: Question 14

Please rate the following aspects of Bowling Green's parks and recreation facilities:	Excellent		Good		Fair		Poor		Total	
Appearance of Bowling Green's parks and recreation facilities	32%	N=69	58%	N=126	10%	N=22	1%	N=2	100%	N=220
Range of activities available at Bowling Green's parks and recreation facilities	23%	N=47	49%	N=100	26%	N=52	2%	N=5	100%	N=203

Table 15: Question 15

Please rate the condition of residential and secondary roads within the city limits of Bowling Green (exclude state roads and federal highways that have route numbers, for example, U.S. 231 Scottsville Road, U.S. 31W Nashville Road, etc., which are not maintained by the City of Bowling Green).	Percent	Number
Excellent condition	3%	N=7
Good condition	50%	N=115
Fair condition	41%	N=94
Poor condition	6%	N=14
Total	100%	N=230

The National Citizen Survey™

Table 16: Question 16

Please indicate how much of a source, if at all, you consider each of the following to be for obtaining information from the City of Bowling Green:	Major source		Minor source		Not at all a source		Total	
	Percent	N	Percent	N	Percent	N	Percent	N
City website (www.bgky.org)	45%	N=100	30%	N=66	25%	N=55	100%	N=220
Bowling Green Blog	4%	N=9	41%	N=89	55%	N=119	100%	N=216
City's Facebook page	21%	N=46	37%	N=79	42%	N=92	100%	N=217
City's Twitter feed	15%	N=32	32%	N=69	53%	N=115	100%	N=216
City Enews	11%	N=23	40%	N=85	50%	N=106	100%	N=214
Local cable channel 4	32%	N=73	34%	N=77	34%	N=77	100%	N=227

Table 17: Question D1

How often, if at all, do you do each of the following, considering all of the times you could?	Never		Rarely		Sometimes		Usually		Always		Total	
	Percent	N	Percent	N	Percent	N	Percent	N	Percent	N	Percent	N
Recycle at home	19%	N=44	12%	N=28	12%	N=28	16%	N=37	41%	N=95	100%	N=232
Purchase goods or services from a business located in Bowling Green	1%	N=2	4%	N=10	18%	N=41	39%	N=90	38%	N=88	100%	N=232
Eat at least 5 portions of fruits and vegetables a day	3%	N=7	19%	N=43	37%	N=86	29%	N=68	12%	N=27	100%	N=232
Participate in moderate or vigorous physical activity	3%	N=8	17%	N=40	39%	N=89	27%	N=61	14%	N=32	100%	N=231
Read or watch local news (via television, paper, computer, etc.)	2%	N=5	10%	N=23	21%	N=49	31%	N=72	36%	N=83	100%	N=231
Vote in local elections	19%	N=43	12%	N=29	13%	N=31	15%	N=35	40%	N=94	100%	N=232

Table 18: Question D2

Would you say that in general your health is:	Percent	Number
Excellent	10%	N=24
Very good	40%	N=94
Good	39%	N=90
Fair	8%	N=19
Poor	2%	N=5
Total	100%	N=232

Table 19: Question D3

What impact, if any, do you think the economy will have on your family income in the next 6 months? Do you think the impact will be	Percent	Number
Very positive	4%	N=9
Somewhat positive	29%	N=66
Neutral	51%	N=115
Somewhat negative	15%	N=34
Very negative	2%	N=4
Total	100%	N=228

The National Citizen Survey™

Table 20: Question D4

What is your employment status?	Percent	Number
Working full time for pay	57%	N=131
Working part time for pay	16%	N=36
Unemployed, looking for paid work	5%	N=10
Unemployed, not looking for paid work	2%	N=5
Fully retired	20%	N=46
Total	100%	N=229

Table 21: Question D5

Do you work inside the boundaries of Bowling Green?	Percent	Number
Yes, outside the home	66%	N=146
Yes, from home	3%	N=6
No	31%	N=70
Total	100%	N=221

Table 22: Question D6

How many years have you lived in Bowling Green?	Percent	Number
Less than 2 years	14%	N=32
2 to 5 years	18%	N=42
6 to 10 years	16%	N=37
11 to 20 years	17%	N=39
More than 20 years	36%	N=83
Total	100%	N=233

Table 23: Question D7

Which best describes the building you live in?	Percent	Number
One family house detached from any other houses	54%	N=125
Building with two or more homes (duplex, townhome, apartment or condominium)	42%	N=97
Mobile home	0%	N=0
Other	4%	N=9
Total	100%	N=231

Table 24: Question D8

Is this house, apartment or mobile home...	Percent	Number
Rented	57%	N=129
Owned	43%	N=99
Total	100%	N=228

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Table 25: Question D9

About how much is your monthly housing cost for the place you live (including rent, mortgage payment, property tax, property insurance and homeowners' association (HOA) fees)?	Percent	Number
Less than \$300 per month	9%	N=21
\$300 to \$599 per month	39%	N=86
\$600 to \$999 per month	34%	N=75
\$1,000 to \$1,499 per month	10%	N=22
\$1,500 to \$2,499 per month	6%	N=13
\$2,500 or more per month	3%	N=6
Total	100%	N=224

Table 26: Question D10

Do any children 17 or under live in your household?	Percent	Number
No	64%	N=148
Yes	36%	N=84
Total	100%	N=233

Table 27: Question D11

Are you or any other members of your household aged 65 or older?	Percent	Number
No	78%	N=180
Yes	22%	N=52
Total	100%	N=232

Table 28: Question D12

How much do you anticipate your household's total income before taxes will be for the current year? (Please include in your total income money from all sources for all persons living in your household.)	Percent	Number
Less than \$25,000	35%	N=77
\$25,000 to \$49,999	28%	N=61
\$50,000 to \$99,999	24%	N=54
\$100,000 to \$149,999	7%	N=16
\$150,000 or more	6%	N=14
Total	100%	N=221

Table 29: Question D13

Are you Spanish, Hispanic or Latino?	Percent	Number
No, not Spanish, Hispanic or Latino	96%	N=217
Yes, I consider myself to be Spanish, Hispanic or Latino	4%	N=9
Total	100%	N=226

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Table 30: Question D14

What is your race? (Mark one or more races to indicate what race(s) you consider yourself to be.)	Percent	Number
American Indian or Alaskan Native	2%	N=5
Asian, Asian Indian or Pacific Islander	4%	N=10
Black or African American	11%	N=24
White	80%	N=184
Other	4%	N=9

Total may exceed 100% as respondents could select more than one option.

Table 31: Question D15

In which category is your age?	Percent	Number
18 to 24 years	10%	N=24
25 to 34 years	32%	N=74
35 to 44 years	13%	N=29
45 to 54 years	16%	N=38
55 to 64 years	10%	N=22
65 to 74 years	11%	N=25
75 years or older	9%	N=20
Total	100%	N=231

Table 32: Question D16

What is your sex?	Percent	Number
Female	53%	N=124
Male	47%	N=108
Total	100%	N=232

Table 33: Question D17

Do you consider a cell phone or landline your primary telephone number?	Percent	Number
Cell	73%	N=168
Land line	11%	N=25
Both	17%	N=39
Total	100%	N=232

Responses including “don’t know”

The following pages contain a complete set of responses to each question on the survey, including the “don’t know” responses. The percent of respondents giving a particular response is shown followed by the number of respondents (denoted with “N=”).

Table 34: Question 1

Please rate each of the following aspects of quality of life in Bowling Green:	Excellent		Good		Fair		Poor		Don't know		Total	
Bowling Green as a place to live	35%	N=82	55%	N=131	10%	N=24	0%	N=0	0%	N=0	100%	N=237
Your neighborhood as a place to live	32%	N=76	42%	N=98	18%	N=43	7%	N=16	2%	N=4	100%	N=236
Bowling Green as a place to raise children	32%	N=75	44%	N=104	16%	N=38	1%	N=2	7%	N=17	100%	N=235
Bowling Green as a place to work	29%	N=69	39%	N=91	25%	N=59	5%	N=11	3%	N=6	100%	N=235
Bowling Green as a place to visit	23%	N=55	44%	N=102	27%	N=62	6%	N=15	0%	N=0	100%	N=235
Bowling Green as a place to retire	22%	N=51	32%	N=76	24%	N=55	7%	N=17	15%	N=36	100%	N=235
The overall quality of life in Bowling Green	26%	N=61	57%	N=136	16%	N=37	1%	N=2	0%	N=0	100%	N=236

Table 35: Question 2

Please rate each of the following characteristics as they relate to Bowling Green as a whole:	Excellent		Good		Fair		Poor		Don't know		Total	
Overall feeling of safety in Bowling Green	20%	N=47	55%	N=131	21%	N=49	4%	N=8	0%	N=0	100%	N=236
Overall ease of getting to the places you usually have to visit	16%	N=38	51%	N=119	26%	N=61	7%	N=17	0%	N=0	100%	N=234
Quality of overall natural environment in Bowling Green	23%	N=55	55%	N=130	20%	N=47	1%	N=2	0%	N=1	100%	N=234
Overall "built environment" of Bowling Green (including overall design, buildings, parks and transportation systems)	15%	N=35	49%	N=116	30%	N=70	6%	N=13	0%	N=1	100%	N=235
Health and wellness opportunities in Bowling Green	19%	N=44	51%	N=119	25%	N=59	3%	N=8	2%	N=5	100%	N=235
Overall opportunities for education and enrichment	27%	N=64	51%	N=119	21%	N=49	0%	N=0	2%	N=4	100%	N=235
Overall economic health of Bowling Green	16%	N=37	46%	N=108	31%	N=73	4%	N=10	3%	N=7	100%	N=235
Sense of community	18%	N=42	47%	N=109	25%	N=59	9%	N=20	1%	N=2	100%	N=233
Overall image or reputation of Bowling Green	21%	N=48	57%	N=133	20%	N=48	2%	N=4	1%	N=1	100%	N=235

Table 36: Question 3

Please indicate how likely or unlikely you are to do each of the following:	Very likely		Somewhat likely		Somewhat unlikely		Very unlikely		Don't know		Total	
Recommend living in Bowling Green to someone who asks	43%	N=100	50%	N=117	4%	N=8	3%	N=7	1%	N=1	100%	N=234
Remain in Bowling Green for the next five years	59%	N=140	24%	N=58	7%	N=16	6%	N=15	3%	N=7	100%	N=236

Table 37: Question 4

Please rate how safe or unsafe you feel:	Very safe		Somewhat safe		Neither safe nor unsafe		Somewhat unsafe		Very unsafe		Don't know		Total	
In your neighborhood during the day	60%	N=143	33%	N=79	3%	N=6	2%	N=5	2%	N=4	0%	N=0	100%	N=237
In Bowling Green's downtown/commercial area during the day	50%	N=118	37%	N=88	5%	N=12	3%	N=8	1%	N=2	3%	N=8	100%	N=235

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Table 38: Question 5

Please rate each of the following characteristics as they relate to Bowling Green as a whole:	Excellent		Good		Fair		Poor		Don't know		Total	
	%	N	%	N	%	N	%	N	%	N	%	N
Traffic flow on major streets	4%	N=10	33%	N=77	43%	N=101	20%	N=48	0%	N=0	100%	N=235
Ease of public parking	11%	N=25	40%	N=93	33%	N=77	15%	N=36	1%	N=3	100%	N=235
Ease of travel by car in Bowling Green	11%	N=26	52%	N=122	27%	N=62	10%	N=24	1%	N=1	100%	N=235
Ease of travel by public transportation in Bowling Green	3%	N=7	13%	N=30	13%	N=31	23%	N=54	48%	N=113	100%	N=235
Ease of travel by bicycle in Bowling Green	5%	N=11	16%	N=37	19%	N=44	19%	N=43	42%	N=99	100%	N=234
Ease of walking in Bowling Green	9%	N=22	34%	N=79	34%	N=79	12%	N=28	11%	N=26	100%	N=234
Availability of paths and walking trails	12%	N=28	30%	N=69	29%	N=66	14%	N=32	15%	N=35	100%	N=231
Air quality	15%	N=34	57%	N=132	18%	N=41	8%	N=19	3%	N=7	100%	N=232
Cleanliness of Bowling Green	18%	N=42	55%	N=131	23%	N=55	3%	N=7	0%	N=0	100%	N=236
Overall appearance of Bowling Green	22%	N=51	56%	N=132	18%	N=44	4%	N=9	0%	N=0	100%	N=236
Public places where people want to spend time	15%	N=34	50%	N=117	28%	N=66	5%	N=11	3%	N=8	100%	N=236
Variety of housing options	12%	N=29	43%	N=101	28%	N=66	11%	N=26	6%	N=15	100%	N=236
Availability of affordable quality housing	12%	N=28	36%	N=85	27%	N=63	18%	N=43	7%	N=17	100%	N=236
Fitness opportunities (including exercise classes and paths or trails, etc.)	20%	N=46	45%	N=105	25%	N=59	3%	N=6	8%	N=20	100%	N=236
Recreational opportunities	19%	N=45	43%	N=100	31%	N=73	3%	N=8	3%	N=7	100%	N=233
Availability of affordable quality food	23%	N=54	52%	N=122	18%	N=42	8%	N=19	0%	N=0	100%	N=237
Availability of affordable quality health care	11%	N=26	51%	N=119	21%	N=50	11%	N=26	6%	N=15	100%	N=236
Availability of preventive health services	13%	N=30	50%	N=117	22%	N=51	8%	N=19	8%	N=19	100%	N=236
Availability of affordable quality mental health care	8%	N=18	24%	N=57	17%	N=39	12%	N=28	39%	N=91	100%	N=234

Table 39: Question 6

Please rate each of the following characteristics as they relate to Bowling Green as a whole:	Excellent		Good		Fair		Poor		Don't know		Total	
	%	N	%	N	%	N	%	N	%	N	%	N
Availability of affordable quality child care/preschool	7%	N=17	21%	N=49	13%	N=31	11%	N=25	48%	N=114	100%	N=235
K-12 education	19%	N=44	30%	N=70	20%	N=48	2%	N=6	29%	N=67	100%	N=235
Adult educational opportunities	19%	N=44	38%	N=90	22%	N=53	3%	N=7	17%	N=41	100%	N=234
Opportunities to attend cultural/arts/music activities	23%	N=53	33%	N=76	25%	N=59	8%	N=19	11%	N=25	100%	N=232
Opportunities to participate in religious or spiritual events and activities	30%	N=70	38%	N=88	13%	N=30	4%	N=9	15%	N=34	100%	N=231
Employment opportunities	8%	N=18	39%	N=90	36%	N=84	12%	N=28	6%	N=13	100%	N=234
Shopping opportunities	22%	N=52	47%	N=109	26%	N=60	3%	N=7	3%	N=6	100%	N=233
Cost of living in Bowling Green	9%	N=21	43%	N=99	38%	N=89	7%	N=17	2%	N=5	100%	N=232
Overall quality of business and service establishments in Bowling Green	14%	N=32	53%	N=122	27%	N=63	3%	N=6	4%	N=9	100%	N=231
Vibrant downtown/commercial area	15%	N=34	39%	N=89	37%	N=85	3%	N=8	7%	N=16	100%	N=231
Overall quality of new development in Bowling Green	18%	N=42	45%	N=106	27%	N=62	5%	N=12	5%	N=12	100%	N=234
Opportunities to participate in social events and activities	14%	N=33	40%	N=93	30%	N=70	8%	N=19	7%	N=16	100%	N=230
Opportunities to volunteer	17%	N=39	42%	N=100	22%	N=51	4%	N=9	15%	N=36	100%	N=235
Opportunities to participate in community matters	11%	N=26	38%	N=88	28%	N=66	7%	N=16	16%	N=38	100%	N=233
Openness and acceptance of the community toward people of diverse backgrounds	17%	N=40	37%	N=85	29%	N=68	10%	N=24	7%	N=16	100%	N=233
Neighborliness of residents in Bowling Green	11%	N=26	46%	N=105	33%	N=76	8%	N=18	1%	N=3	100%	N=229

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Table 40: Question 7

Please indicate whether or not you have done each of the following in the last 12 months.	No		Yes		Total	
	%	N	%	N	%	N
Made efforts to conserve water	33%	N=77	67%	N=158	100%	N=235
Made efforts to make your home more energy efficient	32%	N=74	68%	N=160	100%	N=235
Observed a code violation or other hazard in Bowling Green	61%	N=143	39%	N=90	100%	N=233
Household member was a victim of a crime in Bowling Green	90%	N=210	10%	N=24	100%	N=234
Reported a crime to the police in Bowling Green	76%	N=178	24%	N=56	100%	N=234
Stocked supplies in preparation for an emergency	75%	N=176	25%	N=59	100%	N=235
Campaigned or advocated for an issue, cause or candidate	81%	N=189	19%	N=45	100%	N=234
Contacted the City of Bowling Green (in-person, phone, email or web) for help or information	67%	N=157	33%	N=78	100%	N=235
Contacted Bowling Green elected officials (in-person, phone, email or web) to express your opinion	81%	N=189	19%	N=46	100%	N=235

Table 41: Question 8

In the last 12 months, about how many times, if at all, have you or other household members done each of the following in Bowling Green?	2 times a week or more		2-4 times a month		Once a month or less		Not at all		Total	
	%	N	%	N	%	N	%	N	%	N
Used Bowling Green recreation centers or their services	11%	N=27	16%	N=37	30%	N=70	43%	N=102	100%	N=235
Visited a neighborhood park or City park	16%	N=37	28%	N=64	37%	N=87	19%	N=45	100%	N=233
Used Bowling Green public libraries or their services	6%	N=13	22%	N=50	35%	N=81	38%	N=89	100%	N=233
Participated in religious or spiritual activities in Bowling Green	24%	N=55	25%	N=58	15%	N=34	37%	N=86	100%	N=233
Attended a City-sponsored event	2%	N=6	12%	N=28	36%	N=83	50%	N=116	100%	N=233
Used bus, rail, subway or other public transportation instead of driving	0%	N=1	6%	N=13	5%	N=13	88%	N=206	100%	N=233
Carpooled with other adults or children instead of driving alone	13%	N=29	12%	N=27	20%	N=48	55%	N=129	100%	N=233
Walked or biked instead of driving	14%	N=32	10%	N=23	15%	N=35	61%	N=141	100%	N=232
Volunteered your time to some group/activity in Bowling Green	12%	N=29	12%	N=27	21%	N=48	56%	N=131	100%	N=235
Participated in a club	7%	N=16	11%	N=25	16%	N=37	67%	N=156	100%	N=235
Talked to or visited with your immediate neighbors	34%	N=79	34%	N=79	19%	N=45	14%	N=33	100%	N=235
Done a favor for a neighbor	15%	N=35	26%	N=62	40%	N=94	18%	N=42	100%	N=233

Table 42: Question 9

Thinking about local public meetings (of local elected officials like the City of Bowling Green Board of Commissioners or Warren County Fiscal Court, advisory boards, town halls, HOA, neighborhood watch, etc.), in the last 12 months, about how many times, if at all, have you or other household members attended or watched a local public meeting?	2 times a week or more		2-4 times a month		Once a month or less		Not at all		Total	
	%	N	%	N	%	N	%	N	%	N
Attended a local public meeting	0%	N=0	3%	N=6	12%	N=27	86%	N=199	100%	N=232
Watched (online or on television) a local public meeting	2%	N=5	9%	N=20	24%	N=56	65%	N=152	100%	N=234

Table 43: Question 10

Please rate the quality of each of the following services in Bowling Green:	Excellent		Good		Fair		Poor		Don't know		Total	
	%	N	%	N	%	N	%	N	%	N	%	N
Bowling Green Police Department Services	21%	N=48	45%	N=105	15%	N=35	6%	N=13	13%	N=31	100%	N=232
Bowling Green Fire Department Services	33%	N=75	38%	N=88	5%	N=13	0%	N=0	24%	N=55	100%	N=231
Ambulance or emergency medical services	24%	N=55	46%	N=107	7%	N=16	0%	N=0	23%	N=53	100%	N=232
Crime prevention	11%	N=24	36%	N=84	17%	N=39	14%	N=31	23%	N=53	100%	N=231
Fire prevention and education	12%	N=28	37%	N=84	21%	N=48	2%	N=4	28%	N=64	100%	N=229
Traffic enforcement	12%	N=27	40%	N=93	24%	N=54	11%	N=25	14%	N=31	100%	N=231

The National Citizen Survey™

Please rate the quality of each of the following services in Bowling Green:	Excellent		Good		Fair		Poor		Don't know		Total	
Street repair	4%	N=9	29%	N=68	41%	N=95	19%	N=44	6%	N=15	100%	N=231
Street cleaning	7%	N=17	44%	N=101	31%	N=72	11%	N=26	6%	N=14	100%	N=230
Street lighting	10%	N=22	52%	N=120	26%	N=61	9%	N=21	3%	N=8	100%	N=232
Snow removal	9%	N=22	42%	N=97	24%	N=55	17%	N=40	8%	N=18	100%	N=231
Sidewalk maintenance	4%	N=9	38%	N=87	37%	N=85	15%	N=34	7%	N=16	100%	N=232
Traffic signal timing	7%	N=16	34%	N=77	30%	N=68	25%	N=57	4%	N=10	100%	N=227
Bus or transit services	3%	N=7	16%	N=38	17%	N=40	13%	N=30	50%	N=116	100%	N=231
Garbage collection	19%	N=44	52%	N=118	17%	N=38	9%	N=21	2%	N=4	100%	N=226
Recycling	15%	N=35	48%	N=111	19%	N=44	7%	N=17	10%	N=24	100%	N=231
Yard waste pick-up	11%	N=26	33%	N=75	28%	N=64	13%	N=29	16%	N=37	100%	N=231
Storm drainage	6%	N=14	39%	N=89	25%	N=57	10%	N=24	20%	N=46	100%	N=230
Drinking water	14%	N=33	52%	N=120	17%	N=39	8%	N=19	8%	N=19	100%	N=230
Power (electric and/or gas) utility	19%	N=43	54%	N=125	22%	N=51	5%	N=11	0%	N=1	100%	N=232
Utility billing	12%	N=29	48%	N=112	26%	N=59	12%	N=29	1%	N=2	100%	N=231
City parks	27%	N=61	45%	N=101	17%	N=38	2%	N=4	10%	N=23	100%	N=227
Recreation programs or classes	16%	N=36	28%	N=65	21%	N=47	3%	N=7	33%	N=76	100%	N=231
Recreation centers or facilities	16%	N=35	33%	N=75	22%	N=50	5%	N=10	24%	N=54	100%	N=225
Land use, planning and zoning	7%	N=15	25%	N=58	22%	N=51	10%	N=23	36%	N=82	100%	N=229
Code enforcement (weeds, abandoned buildings, etc.)	5%	N=11	28%	N=66	22%	N=51	15%	N=35	29%	N=67	100%	N=230
Animal control	6%	N=14	37%	N=85	22%	N=51	6%	N=15	29%	N=68	100%	N=231
Economic development	13%	N=29	41%	N=94	24%	N=54	4%	N=8	19%	N=43	100%	N=229
Health services	10%	N=24	52%	N=119	23%	N=54	4%	N=9	10%	N=24	100%	N=231
Public library services	22%	N=51	48%	N=111	12%	N=28	1%	N=2	18%	N=41	100%	N=232
Public information services	10%	N=22	37%	N=84	19%	N=43	3%	N=6	32%	N=74	100%	N=230
Bowling Green TV Channel 4	6%	N=15	29%	N=66	17%	N=39	5%	N=12	43%	N=99	100%	N=231
Emergency preparedness (services that prepare the community for natural disasters or other emergency situations)	10%	N=24	35%	N=81	17%	N=39	8%	N=19	29%	N=68	100%	N=231
Preservation of natural areas such as open space, farmlands and greenbelts	5%	N=12	33%	N=75	23%	N=52	8%	N=19	31%	N=70	100%	N=228
Bowling Green open space	7%	N=16	32%	N=70	23%	N=51	8%	N=17	31%	N=69	100%	N=223
City-sponsored special events	7%	N=15	40%	N=92	20%	N=46	4%	N=10	29%	N=65	100%	N=228
Overall customer service by Bowling Green employees (police, receptionists, planners, etc.)	13%	N=31	38%	N=87	24%	N=56	9%	N=20	16%	N=38	100%	N=231
City of Bowling Green website	5%	N=10	32%	N=74	15%	N=35	5%	N=12	43%	N=97	100%	N=228

Table 44: Question 11

Overall, how would you rate the quality of the services provided by each of the following?	Excellent		Good		Fair		Poor		Don't know		Total	
The City of Bowling Green	15%	N=36	49%	N=114	25%	N=58	4%	N=9	7%	N=15	100%	N=232
The Federal Government	2%	N=5	30%	N=70	31%	N=72	24%	N=56	12%	N=29	100%	N=232

The National Citizen Survey™

Table 45: Question 12

Please rate the following categories of Bowling Green government performance:	Excellent		Good		Fair		Poor		Don't know		Total	
The value of services for the taxes paid to Bowling Green	4%	N=9	41%	N=93	30%	N=69	11%	N=25	14%	N=33	100%	N=230
The overall direction that Bowling Green is taking	13%	N=30	40%	N=92	29%	N=68	4%	N=10	14%	N=32	100%	N=231
The job Bowling Green government does at welcoming citizen involvement	8%	N=18	34%	N=79	22%	N=51	13%	N=31	23%	N=53	100%	N=232
Overall confidence in Bowling Green government	7%	N=16	33%	N=76	33%	N=77	14%	N=32	13%	N=30	100%	N=231
Generally acting in the best interest of the community	11%	N=25	36%	N=82	32%	N=75	9%	N=21	12%	N=28	100%	N=230
Being honest	7%	N=16	34%	N=78	21%	N=48	16%	N=38	22%	N=51	100%	N=231
Treating all residents fairly	7%	N=15	31%	N=72	20%	N=47	24%	N=56	18%	N=41	100%	N=231

Table 46: Question 13

Please rate how important, if at all, you think it is for the Bowling Green community to focus on each of the following in the coming two years:	Essential		Very important		Somewhat important		Not at all important		Total	
Overall feeling of safety in Bowling Green	52%	N=124	35%	N=82	12%	N=29	1%	N=2	100%	N=236
Overall ease of getting to the places you usually have to visit	26%	N=60	59%	N=140	13%	N=30	2%	N=5	100%	N=236
Quality of overall natural environment in Bowling Green	30%	N=71	50%	N=117	16%	N=38	3%	N=8	100%	N=234
Overall "built environment" of Bowling Green (including overall design, buildings, parks and transportation systems)	19%	N=44	50%	N=118	29%	N=68	2%	N=5	100%	N=234
Health and wellness opportunities in Bowling Green	33%	N=77	48%	N=113	17%	N=39	2%	N=6	100%	N=234
Overall opportunities for education and enrichment	38%	N=89	46%	N=106	13%	N=31	3%	N=7	100%	N=234
Overall economic health of Bowling Green	39%	N=91	53%	N=124	6%	N=14	2%	N=5	100%	N=233
Sense of community	31%	N=73	48%	N=112	17%	N=40	4%	N=9	100%	N=234

Table 47: Question 14

Please rate the following aspects of Bowling Green's parks and recreation facilities:	Excellent		Good		Fair		Poor		Don't know		Total	
Appearance of Bowling Green's parks and recreation facilities	30%	N=69	54%	N=126	10%	N=22	1%	N=2	6%	N=13	100%	N=233
Range of activities available at Bowling Green's parks and recreation facilities	20%	N=47	43%	N=100	22%	N=52	2%	N=5	12%	N=28	100%	N=232

Table 48: Question 15

Please rate the condition of residential and secondary roads within the city limits of Bowling Green (exclude state roads and federal highways that have route numbers, for example, U.S. 231 Scottsville Road, U.S. 31W Nashville Road, etc., which are not maintained by the City of Bowling Green).	Percent	Number
Excellent condition	3%	N=7
Good condition	50%	N=115
Fair condition	41%	N=94
Poor condition	6%	N=14
Don't know/unsure	1%	N=2
Total	100%	N=231

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Table 49: Question 16

Please indicate how much of a source, if at all, you consider each of the following to be for obtaining information from the City of Bowling Green:	Major source		Minor source		Not at all a source		Total	
	Percent	N	Percent	N	Percent	N	Percent	N
City website (www.bgky.org)	45%	N=100	30%	N=66	25%	N=55	100%	N=220
Bowling Green Blog	4%	N=9	41%	N=89	55%	N=119	100%	N=216
City's Facebook page	21%	N=46	37%	N=79	42%	N=92	100%	N=217
City's Twitter feed	15%	N=32	32%	N=69	53%	N=115	100%	N=216
City Enews	11%	N=23	40%	N=85	50%	N=106	100%	N=214
Local cable channel 4	32%	N=73	34%	N=77	34%	N=77	100%	N=227

Table 50: Question D1

How often, if at all, do you do each of the following, considering all of the times you could?	Never		Rarely		Sometimes		Usually		Always		Total	
	Percent	N	Percent	N	Percent	N	Percent	N	Percent	N	Percent	N
Recycle at home	19%	N=44	12%	N=28	12%	N=28	16%	N=37	41%	N=95	100%	N=232
Purchase goods or services from a business located in Bowling Green	1%	N=2	4%	N=10	18%	N=41	39%	N=90	38%	N=88	100%	N=232
Eat at least 5 portions of fruits and vegetables a day	3%	N=7	19%	N=43	37%	N=86	29%	N=68	12%	N=27	100%	N=232
Participate in moderate or vigorous physical activity	3%	N=8	17%	N=40	39%	N=89	27%	N=61	14%	N=32	100%	N=231
Read or watch local news (via television, paper, computer, etc.)	2%	N=5	10%	N=23	21%	N=49	31%	N=72	36%	N=83	100%	N=231
Vote in local elections	19%	N=43	12%	N=29	13%	N=31	15%	N=35	40%	N=94	100%	N=232

Table 51: Question D2

Would you say that in general your health is:	Percent	Number
Excellent	10%	N=24
Very good	40%	N=94
Good	39%	N=90
Fair	8%	N=19
Poor	2%	N=5
Total	100%	N=232

Table 52: Question D3

What impact, if any, do you think the economy will have on your family income in the next 6 months? Do you think the impact will be	Percent	Number
Very positive	4%	N=9
Somewhat positive	29%	N=66
Neutral	51%	N=115
Somewhat negative	15%	N=34
Very negative	2%	N=4
Total	100%	N=228

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Table 53: Question D4

What is your employment status?	Percent	Number
Working full time for pay	57%	N=131
Working part time for pay	16%	N=36
Unemployed, looking for paid work	5%	N=10
Unemployed, not looking for paid work	2%	N=5
Fully retired	20%	N=46
Total	100%	N=229

Table 54: Question D5

Do you work inside the boundaries of Bowling Green?	Percent	Number
Yes, outside the home	66%	N=146
Yes, from home	3%	N=6
No	31%	N=70
Total	100%	N=221

Table 55: Question D6

How many years have you lived in Bowling Green?	Percent	Number
Less than 2 years	14%	N=32
2 to 5 years	18%	N=42
6 to 10 years	16%	N=37
11 to 20 years	17%	N=39
More than 20 years	36%	N=83
Total	100%	N=233

Table 56: Question D7

Which best describes the building you live in?	Percent	Number
One family house detached from any other houses	54%	N=125
Building with two or more homes (duplex, townhome, apartment or condominium)	42%	N=97
Mobile home	0%	N=0
Other	4%	N=9
Total	100%	N=231

Table 57: Question D8

Is this house, apartment or mobile home...	Percent	Number
Rented	57%	N=129
Owned	43%	N=99
Total	100%	N=228

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Table 58: Question D9

About how much is your monthly housing cost for the place you live (including rent, mortgage payment, property tax, property insurance and homeowners' association (HOA) fees)?	Percent	Number
Less than \$300 per month	9%	N=21
\$300 to \$599 per month	39%	N=86
\$600 to \$999 per month	34%	N=75
\$1,000 to \$1,499 per month	10%	N=22
\$1,500 to \$2,499 per month	6%	N=13
\$2,500 or more per month	3%	N=6
Total	100%	N=224

Table 59: Question D10

Do any children 17 or under live in your household?	Percent	Number
No	64%	N=148
Yes	36%	N=84
Total	100%	N=233

Table 60: Question D11

Are you or any other members of your household aged 65 or older?	Percent	Number
No	78%	N=180
Yes	22%	N=52
Total	100%	N=232

Table 61: Question D12

How much do you anticipate your household's total income before taxes will be for the current year? (Please include in your total income money from all sources for all persons living in your household.)	Percent	Number
Less than \$25,000	35%	N=77
\$25,000 to \$49,999	28%	N=61
\$50,000 to \$99,999	24%	N=54
\$100,000 to \$149,999	7%	N=16
\$150,000 or more	6%	N=14
Total	100%	N=221

Table 62: Question D13

Are you Spanish, Hispanic or Latino?	Percent	Number
No, not Spanish, Hispanic or Latino	96%	N=217
Yes, I consider myself to be Spanish, Hispanic or Latino	4%	N=9
Total	100%	N=226

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Table 63: Question D14

What is your race? (Mark one or more races to indicate what race(s) you consider yourself to be.)	Percent	Number
American Indian or Alaskan Native	2%	N=5
Asian, Asian Indian or Pacific Islander	4%	N=10
Black or African American	11%	N=24
White	80%	N=184
Other	4%	N=9

Total may exceed 100% as respondents could select more than one option.

Table 64: Question D15

In which category is your age?	Percent	Number
18 to 24 years	10%	N=24
25 to 34 years	32%	N=74
35 to 44 years	13%	N=29
45 to 54 years	16%	N=38
55 to 64 years	10%	N=22
65 to 74 years	11%	N=25
75 years or older	9%	N=20
Total	100%	N=231

Table 65: Question D16

What is your sex?	Percent	Number
Female	53%	N=124
Male	47%	N=108
Total	100%	N=232

Table 66: Question D17

Do you consider a cell phone or landline your primary telephone number?	Percent	Number
Cell	73%	N=168
Land line	11%	N=25
Both	17%	N=39
Total	100%	N=232

Appendix B: Benchmark Comparisons

Comparison Data

NRC’s database of comparative resident opinion is comprised of resident perspectives gathered in surveys from over 500 communities whose residents evaluated the same kinds of topics on The National Citizen Survey™. The comparison evaluations are from the most recent survey completed in each community; most communities conduct surveys every year or in alternating years. NRC adds the latest results quickly upon survey completion, keeping the benchmark data fresh and relevant. The communities in the database represent a wide geographic and population range. The City of Bowling Green chose to have comparisons made to the entire database and a subset of similar jurisdictions from the database (Southern Region with populations from 35,000 to 69,999).

Interpreting the Results

Ratings are compared when there are at least five communities in which a similar question was asked. Where comparisons are available, four columns are provided in the table. The first column is Bowling Green’s “percent positive.” The percent positive is the combination of the top two most positive response options (i.e., “excellent” and “good,” “very safe” and “somewhat safe,” “essential” and “very important,” etc.), or, in the case of resident behaviors/participation, the percent positive represents the proportion of respondents indicating “yes” or participating in an activity at least once a month. The second column is the rank assigned to Bowling Green’s rating among communities where a similar question was asked. The third column is the number of communities that asked a similar question. The final column shows the comparison of Bowling Green’s rating to the benchmark.

In that final column, Bowling Green’s results are noted as being “higher” than the benchmark, “lower” than the benchmark or “similar” to the benchmark, meaning that the average rating given by Bowling Green residents is statistically similar to or different (greater or lesser) than the benchmark. More extreme differences are noted as “much higher” or “much lower.”

Benchmark Database Characteristics	
Region	Percent
New England	3%
Middle Atlantic	5%
East North Central	15%
West North Central	13%
South Atlantic	22%
East South Central	3%
West South Central	7%
Mountain	16%
Pacific	16%
Population	Percent
Less than 10,000	10%
10,000 to 24,999	22%
25,000 to 49,999	23%
50,000 to 99,999	22%
100,000 or more	23%

National Benchmark Comparisons

Table 67: Community Characteristics General

	Percent positive	Rank	Number of communities in comparison	Comparison to benchmark
The overall quality of life in Bowling Green	84%	195	376	Similar
Overall image or reputation of Bowling Green	78%	120	286	Similar
Bowling Green as a place to live	90%	154	313	Similar
Your neighborhood as a place to live	75%	170	250	Similar
Bowling Green as a place to raise children	82%	155	312	Similar
Bowling Green as a place to retire	63%	153	297	Similar
Overall appearance of Bowling Green	78%	132	290	Similar

Table 68: Community Characteristics by Facet

		Percent positive	Rank	Number of communities in comparison	Comparison to benchmark	
Safety	Overall feeling of safety in Bowling Green	76%	92	146	Similar	
	In your neighborhood during the day	94%	182	291	Similar	
	In Bowling Green's downtown/commercial area during the day	90%	156	251	Similar	
Mobility	Overall ease of getting to the places you usually have to visit	67%	51	63	Similar	
	Availability of paths and walking trails	50%	159	231	Similar	
	Ease of walking in Bowling Green	48%	187	242	Similar	
	Ease of travel by bicycle in Bowling Green	35%	213	249	Lower	
	Ease of travel by public transportation in Bowling Green	31%	65	81	Lower	
	Ease of travel by car in Bowling Green	63%	156	245	Similar	
	Ease of public parking	51%	31	49	Similar	
	Traffic flow on major streets	37%	217	283	Similar	
Natural Environment	Quality of overall natural environment in Bowling Green	79%	95	230	Similar	
	Cleanliness of Bowling Green	73%	124	226	Similar	
	Air quality	74%	126	210	Similar	
Built Environment	Overall "built environment" of Bowling Green (including overall design, buildings, parks and transportation systems)	65%	30	59	Similar	
	Overall quality of new development in Bowling Green	67%	55	234	Similar	
	Availability of affordable quality housing	52%	110	254	Similar	
	Variety of housing options	59%	123	220	Similar	
	Public places where people want to spend time	66%	26	57	Similar	
Economy	Overall economic health of Bowling Green	64%	31	63	Similar	
	Vibrant downtown/commercial area	57%	19	56	Higher	
	Overall quality of business and service establishments in Bowling Green	69%	85	217	Similar	
	Cost of living in Bowling Green	53%	15	60	Similar	
	Shopping opportunities	71%	60	242	Higher	
	Employment opportunities	49%	44	257	Higher	
	Bowling Green as a place to visit	67%	32	71	Similar	
	Bowling Green as a place to work	70%	80	288	Similar	
	Recreation and Wellness	Health and wellness opportunities in Bowling Green	71%	33	59	Similar
		Availability of affordable quality mental health care	53%	26	54	Similar
Availability of preventive health services		68%	70	182	Similar	
Availability of affordable quality health care		66%	88	216	Similar	
Availability of affordable quality food		74%	58	181	Similar	
Recreational opportunities	64%	127	252	Similar		

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		Percent positive	Rank	Number of communities in comparison	Comparison to benchmark
	Fitness opportunities (including exercise classes and paths or trails, etc.)	70%	29	59	Similar
Education and Enrichment	Opportunities to participate in religious or spiritual events and activities	80%	67	175	Similar
	Opportunities to attend cultural/arts/music activities	62%	79	248	Similar
	Adult educational opportunities	69%	15	56	Similar
	K-12 education	68%	108	212	Similar
	Availability of affordable quality child care/preschool	54%	96	215	Similar
Community Engagement	Opportunities to participate in social events and activities	59%	114	207	Similar
	Neighborhoodness of Bowling Green	58%	31	58	Similar
	Openness and acceptance of the community toward people of diverse backgrounds	58%	152	241	Similar
	Opportunities to participate in community matters	58%	134	218	Similar
	Opportunities to volunteer	70%	137	219	Similar

Table 69: Governance General

	Percent positive	Rank	Number of communities in comparison	Comparison to benchmark
Services provided by the City of Bowling Green	69%	214	352	Similar
Overall customer service by Bowling Green employees (police, receptionists, planners, etc.)	61%	277	302	Lower
Value of services for the taxes paid to Bowling Green	52%	217	338	Similar
Overall direction that Bowling Green is taking	61%	97	271	Similar
Job Bowling Green government does at welcoming citizen involvement	54%	138	253	Similar
Overall confidence in Bowling Green government	46%	38	63	Similar
Generally acting in the best interest of the community	53%	29	59	Similar
Being honest	52%	37	59	Similar
Treating all residents fairly	46%	43	59	Similar
Services provided by the Federal Government	37%	163	208	Similar

Table 70: Governance by Facet

		Percent positive	Rank	Number of communities in comparison	Comparison to benchmark
Safety	Police Department services	76%	249	357	Similar
	Fire Department services	93%	136	299	Similar
	Ambulance or emergency medical services	91%	183	282	Similar
	Crime prevention	61%	217	288	Similar
	Fire prevention and education	68%	194	242	Similar
	Animal control	60%	172	271	Similar
	Emergency preparedness (services that prepare the community for natural disasters or other emergency situations)	64%	131	241	Similar
	Traffic enforcement	60%	215	311	Similar
	Street repair	35%	263	362	Similar
	Street cleaning	55%	182	243	Similar
Mobility	Street lighting	64%	135	269	Similar
	Snow removal	56%	188	247	Similar
	Sidewalk maintenance	45%	197	254	Similar
	Traffic signal timing	43%	178	210	Similar
	Bus or transit services	39%	154	181	Lower
Natural Environment	Garbage collection	73%	271	288	Lower
	Recycling	70%	248	301	Similar

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		Percent positive	Rank	Number of communities in comparison	Comparison to benchmark
	Yard waste pick-up	52%	206	218	Lower
	Drinking water	72%	171	275	Similar
	Preservation of natural areas such as open space, farmlands and greenbelts	55%	151	216	Similar
	Bowling Green open space	56%	50	70	Similar
Built Environment	Storm drainage	56%	224	296	Similar
	Power (electric and/or gas) utility	73%	90	128	Similar
	Utility billing	62%	48	62	Similar
	Land use, planning and zoning	50%	127	242	Similar
	Code enforcement (weeds, abandoned buildings, etc.)	47%	184	297	Similar
Economy	Economic development	66%	38	233	Higher
Recreation and Wellness	City parks	79%	152	270	Similar
	Recreation programs or classes	65%	171	274	Similar
	Recreation centers or facilities	64%	144	232	Similar
	Health services	69%	85	166	Similar
Education and Enrichment	City-sponsored special events	66%	42	65	Similar
	Public library services	85%	193	284	Similar
Community Engagement	Public information services	69%	116	223	Similar

Table 71: Participation General

	Percent positive	Rank	Number of communities in comparison	Comparison to benchmark
Sense of community	66%	127	254	Similar
Recommend living in Bowling Green to someone who asks	93%	68	223	Similar
Remain in Bowling Green for the next five years	86%	93	223	Similar
Contacted Bowling Green (in-person, phone, email or web) for help or information	33%	235	252	Lower

Table 72: Participation by Facet

		Percent positive	Rank	Number of communities in comparison	Comparison to benchmark
Safety	Stocked supplies in preparation for an emergency	25%	46	55	Lower
	Did NOT report a crime to the police	76%	32	61	Similar
	Household member was NOT a victim of a crime	90%	100	226	Similar
Mobility	Used bus, rail, subway or other public transportation instead of driving	12%	38	50	Lower
	Carpooled with other adults or children instead of driving alone	45%	25	58	Similar
	Walked or biked instead of driving	39%	52	58	Lower
Natural Environment	Made efforts to conserve water	67%	56	57	Lower
	Made efforts to make your home more energy efficient	68%	56	57	Similar
	Recycle at home	69%	193	213	Lower
Built Environment	Did NOT observe a code violation or other hazard in Bowling Green	61%	19	58	Similar
	NOT experiencing housing costs stress	65%	128	209	Similar
Economy	Purchase goods or services from a business located in Bowling Green	95%	44	57	Similar
	Economy will have positive impact on income	33%	18	211	Higher
	Work inside boundaries of Bowling Green	69%	3	57	Much higher

The National Citizen Survey™

		Percent positive	Rank	Number of communities in comparison	Comparison to benchmark
Recreation and Wellness	Used Bowling Green recreation centers or their services	57%	104	189	Similar
	Visited a neighborhood park or City park	81%	167	220	Similar
	Eat at least 5 portions of fruits and vegetables a day	78%	50	57	Similar
	Participate in moderate or vigorous physical activity	79%	48	57	Similar
	In very good to excellent health	51%	54	57	Similar
Education and Enrichment	Used Bowling Green public libraries or their services	62%	147	195	Similar
	Participated in religious or spiritual activities in Bowling Green	63%	27	169	Higher
	Attended City-sponsored event	50%	28	57	Similar
Community Engagement	Campaigned or advocated for an issue, cause or candidate	19%	39	56	Similar
	Contacted Bowling Green elected officials (in-person, phone, email or web) to express your opinion	19%	20	57	Similar
	Volunteered your time to some group/activity in Bowling Green	44%	99	218	Similar
	Participated in a club	33%	71	194	Similar
	Talked to or visited with your immediate neighbors	86%	47	57	Similar
	Done a favor for a neighbor	82%	30	55	Similar
	Attended a local public meeting	14%	202	219	Similar
	Watched (online or on television) a local public meeting	35%	81	182	Similar
	Read or watch local news (via television, paper, computer, etc.)	88%	30	57	Similar
	Vote in local elections	69%	170	210	Similar

Communities included in national comparisons

The communities included in Bowling Green’s comparisons are listed on the following pages along with their population according to the 2010 Census.

Abilene city, KS.....	6,844	Baltimore city, MD.....	620,961
Adams County, CO.....	441,603	Baltimore County, MD.....	805,029
Airway Heights city, WA.....	6,114	Battle Creek city, MI.....	52,347
Albany city, OR.....	50,158	Bay City city, MI.....	34,932
Albemarle County, VA.....	98,970	Baytown city, TX.....	71,802
Albert Lea city, MN.....	18,016	Bedford town, MA.....	13,320
Altoona city, IA.....	14,541	Bellevue city, WA.....	122,363
Ames city, IA.....	58,965	Beltrami County, MN.....	44,442
Andover CDP, MA.....	8,762	Benbrook city, TX.....	21,234
Ankeny city, IA.....	45,582	Bend city, OR.....	76,639
Ann Arbor city, MI.....	113,934	Benicia city, CA.....	26,997
Annapolis city, MD.....	38,394	Bettendorf city, IA.....	33,217
Apple Valley town, CA.....	69,135	Billings city, MT.....	104,170
Arlington city, TX.....	365,438	Blaine city, MN.....	57,186
Arlington County, VA.....	207,627	Bloomfield Hills city, MI.....	3,869
Arvada city, CO.....	106,433	Bloomington city, IL.....	76,610
Ashland city, OR.....	20,078	Bloomington city, MN.....	82,893
Ashland town, VA.....	7,225	Blue Springs city, MO.....	52,575
Aspen city, CO.....	6,658	Boise City city, ID.....	205,671
Auburn city, AL.....	53,380	Boonville city, MO.....	8,319
Auburn city, WA.....	70,180	Boulder city, CO.....	97,385
Aurora city, CO.....	325,078	Boulder County, CO.....	294,567
Austin city, TX.....	790,390	Bowling Green city, KY.....	58,067
Bainbridge Island city, WA.....	23,025	Bristol city, TN.....	26,702

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Broken Arrow city, OK	98,850	Dewey-Humboldt town, AZ	3,894
Brookfield city, WI	37,920	Dorchester County, MD	32,618
Brookline CDP, MA	58,732	Dothan city, AL	65,496
Brookline town, NH	4,991	Douglas County, CO	285,465
Broomfield city, CO	55,889	Dover city, NH	29,987
Brownsburg town, IN	21,285	Dublin city, OH	41,751
Bryan city, TX	76,201	Duluth city, MN	86,265
Burleson city, TX	36,690	Duncanville city, TX	38,524
Cabarrus County, NC	178,011	Durham city, NC	228,330
Cambridge city, MA	105,162	East Baton Rouge Parish, LA	440,171
Canton city, SD	3,057	East Grand Forks city, MN	8,601
Cape Coral city, FL	154,305	East Lansing city, MI	48,579
Cape Girardeau city, MO	37,941	Eau Claire city, WI	65,883
Carlisle borough, PA	18,682	Eden Prairie city, MN	60,797
Carlsbad city, CA	105,328	Edgerton city, KS	1,671
Cartersville city, GA	19,731	Edina city, MN	47,941
Cary town, NC	135,234	Edmonds city, WA	39,709
Casa Grande city, AZ	48,571	El Cerrito city, CA	23,549
Casper city, WY	55,316	El Paso city, TX	649,121
Castle Pines North city, CO	10,360	Elk Grove city, CA	153,015
Castle Rock town, CO	48,231	Elk River city, MN	22,974
Cedar Falls city, IA	39,260	Elko New Market city, MN	4,110
Cedar Rapids city, IA	126,326	Elmhurst city, IL	44,121
Centennial city, CO	100,377	Encinitas city, CA	59,518
Centralia city, IL	13,032	Englewood city, CO	30,255
Chambersburg borough, PA	20,268	Erie town, CO	18,135
Chandler city, AZ	236,123	Escambia County, FL	297,619
Chanhassen city, MN	22,952	Estes Park town, CO	5,858
Chapel Hill town, NC	57,233	Fairview town, TX	7,248
Charlotte city, NC	731,424	Farmington Hills city, MI	79,740
Charlotte County, FL	159,978	Fayetteville city, NC	200,564
Charlottesville city, VA	43,475	Fishers town, IN	76,794
Chesterfield County, VA	316,236	Flagstaff city, AZ	65,870
Chippewa Falls city, WI	13,661	Flower Mound town, TX	64,669
Citrus Heights city, CA	83,301	Flushing city, MI	8,389
Clayton city, MO	15,939	Forest Grove city, OR	21,083
Clearwater city, FL	107,685	Fort Collins city, CO	143,986
Clive city, IA	15,447	Fort Smith city, AR	86,209
Clovis city, CA	95,631	Fort Worth city, TX	741,206
College Park city, MD	30,413	Fountain Hills town, AZ	22,489
College Station city, TX	93,857	Franklin city, TN	62,487
Colleyville city, TX	22,807	Fredericksburg city, VA	24,286
Collinsville city, IL	25,579	Freeport CDP, ME	1,485
Columbia city, MO	108,500	Freeport city, IL	25,638
Columbus city, WI	4,991	Fremont city, CA	214,089
Commerce City city, CO	45,913	Friendswood city, TX	35,805
Concord city, CA	122,067	Fruita city, CO	12,646
Concord town, MA	17,668	Gahanna city, OH	33,248
Conyers city, GA	15,195	Gainesville city, FL	124,354
Cookeville city, TN	30,435	Gaithersburg city, MD	59,933
Coon Rapids city, MN	61,476	Galveston city, TX	47,743
Cooper City city, FL	28,547	Garden City city, KS	26,658
Coronado city, CA	18,912	Gardner city, KS	19,123
Corvallis city, OR	54,462	Geneva city, NY	13,261
Cross Roads town, TX	1,563	Georgetown city, TX	47,400
Crystal Lake city, IL	40,743	Gilbert town, AZ	208,453
Dade City city, FL	6,437	Gillette city, WY	29,087
Dakota County, MN	398,552	Globe city, AZ	7,532
Dallas city, OR	14,583	Golden Valley city, MN	20,371
Dallas city, TX	1,197,816	Goodyear city, AZ	65,275
Dardenne Prairie city, MO	11,494	Grafton village, WI	11,459
Davenport city, IA	99,685	Grand Blanc city, MI	8,276
Davidson town, NC	10,944	Grand Island city, NE	48,520
Decatur city, GA	19,335	Grass Valley city, CA	12,860
Delray Beach city, FL	60,522	Greeley city, CO	92,889
Denison city, TX	22,682	Green Valley CDP, AZ	21,391
Denver city, CO	600,158	Greenwood Village city, CO	13,925
Derby city, KS	22,158	Greer city, SC	25,515
Des Moines city, IA	203,433	Guilford County, NC	488,406
Destin city, FL	12,305	Gunnison County, CO	15,324

The National Citizen Survey™

Hailey city, ID	7,960	Lewis County, NY	27,087
Haines Borough, AK	2,508	Lewiston city, ME	36,592
Hallandale Beach city, FL	37,113	Lincoln city, NE	258,379
Hamilton city, OH	62,477	Lindsborg city, KS	3,458
Hampton city, VA	137,436	Littleton city, CO	41,737
Hanover County, VA	99,863	Livermore city, CA	80,968
Harrisonburg city, VA	48,914	Lone Tree city, CO	10,218
Harrisonville city, MO	10,019	Longmont city, CO	86,270
Hayward city, CA	144,186	Longview city, TX	80,455
Henderson city, NV	257,729	Los Alamos County, NM	17,950
Hermiston city, OR	16,745	Louisville city, CO	18,376
High Point city, NC	104,371	Lynchburg city, VA	75,568
Highland Park city, IL	29,763	Lynnwood city, WA	35,836
Highlands Ranch CDP, CO	96,713	Madison city, WI	233,209
Hillsborough town, NC	6,087	Mankato city, MN	39,309
Holden town, MA	17,346	Maple Grove city, MN	61,567
Holland city, MI	33,051	Maple Valley city, WA	22,684
Honolulu County, HI	953,207	Maricopa County, AZ	3,817,117
Hooksett town, NH	13,451	Marin County, CA	252,409
Hopkins city, MN	17,591	Maryland Heights city, MO	27,472
Hopkinton town, MA	14,925	McAllen city, TX	129,877
Hoquiam city, WA	8,726	McDonough city, GA	22,084
Houston city, TX	2,099,451	McKinney city, TX	131,117
Hudson city, OH	22,262	McMinnville city, OR	32,187
Hudson town, CO	2,356	Mecklenburg County, NC	919,628
Hudsonville city, MI	7,116	Medford city, OR	74,907
Huntersville town, NC	46,773	Menlo Park city, CA	32,026
Hurst city, TX	37,337	Mercer Island city, WA	22,699
Hutchinson city, MN	14,178	Meridian charter township, MI	39,688
Hutto city, TX	14,698	Meridian city, ID	75,092
Hyattsville city, MD	17,557	Merriam city, KS	11,003
Indian Trail town, NC	33,518	Merrill city, WI	9,661
Indianola city, IA	14,782	Mesa city, AZ	439,041
Iowa City city, IA	67,862	Mesa County, CO	146,723
Jackson County, MI	160,248	Miami Beach city, FL	87,779
James City County, VA	67,009	Miami city, FL	399,457
Jefferson City city, MO	43,079	Midland city, MI	41,863
Jefferson County, CO	534,543	Milford city, DE	9,559
Jefferson County, NY	116,229	Milton city, GA	32,661
Jerome city, ID	10,890	Minneapolis city, MN	382,578
Johnson City city, TN	63,152	Mission Viejo city, CA	93,305
Johnson County, KS	544,179	Modesto city, CA	201,165
Johnston city, IA	17,278	Monterey city, CA	27,810
Jupiter town, FL	55,156	Montgomery County, MD	971,777
Kalamazoo city, MI	74,262	Montgomery County, VA	94,392
Kansas City city, MO	459,787	Montpelier city, VT	7,855
Keizer city, OR	36,478	Monument town, CO	5,530
Kenmore city, WA	20,460	Moorestville town, NC	32,711
Kennett Square borough, PA	6,072	Morristown city, TN	29,137
Kirkland city, WA	48,787	Moscow city, ID	23,800
La Mesa city, CA	57,065	Mountain Village town, CO	1,320
La Plata town, MD	8,753	Mountlake Terrace city, WA	19,909
La Porte city, TX	33,800	Munster town, IN	23,603
La Vista city, NE	15,758	Muscatine city, IA	22,886
Lafayette city, CO	24,453	Naperville city, IL	141,853
Laguna Beach city, CA	22,723	Needham CDP, MA	28,886
Laguna Hills city, CA	30,344	New Braunfels city, TX	57,740
Laguna Niguel city, CA	62,979	New Brighton city, MN	21,456
Lake Oswego city, OR	36,619	New Orleans city, LA	343,829
Lake Zurich village, IL	19,631	Newport Beach city, CA	85,186
Lakeville city, MN	55,954	Newport city, RI	24,672
Lakewood city, CO	142,980	Newport News city, VA	180,719
Lane County, OR	351,715	Newton city, IA	15,254
Larimer County, CO	299,630	Noblesville city, IN	51,969
Las Cruces city, NM	97,618	Nogales city, AZ	20,837
Las Vegas city, NV	583,756	Norfolk city, VA	242,803
Lawrence city, KS	87,643	Norman city, OK	110,925
League City city, TX	83,560	North Las Vegas city, NV	216,961
Lee County, FL	618,754	Northglenn city, CO	35,789
Lee's Summit city, MO	91,364	Novato city, CA	51,904

The National Citizen Survey™

Novi city, MI.....	55,224	Rolla city, MO.....	19,559
O'Fallon city, IL.....	28,281	Roswell city, GA.....	88,346
Oak Park village, IL.....	51,878	Round Rock city, TX.....	99,887
Oakland Park city, FL.....	41,363	Royal Oak city, MI.....	57,236
Ogdensburg city, NY.....	11,128	Saco city, ME.....	18,482
Oklahoma City city, OK.....	579,999	Sahuarita town, AZ.....	25,259
Olathe city, KS.....	125,872	Salida city, CO.....	5,236
Old Town city, ME.....	7,840	Salt Lake City city, UT.....	186,440
Olmsted County, MN.....	144,248	Sammamish city, WA.....	45,780
Orland Park village, IL.....	56,767	San Antonio city, TX.....	1,327,407
Oshkosh city, WI.....	66,083	San Carlos city, CA.....	28,406
Otsego County, MI.....	24,164	San Diego city, CA.....	1,307,402
Oviedo city, FL.....	33,342	San Francisco city, CA.....	805,235
Paducah city, KY.....	25,024	San Jose city, CA.....	945,942
Palm Coast city, FL.....	75,180	San Juan County, NM.....	130,044
Palm Springs city, CA.....	44,552	San Marcos city, TX.....	44,894
Palo Alto city, CA.....	64,403	San Rafael city, CA.....	57,713
Panama City city, FL.....	36,484	Sandy Springs city, GA.....	93,853
Papillion city, NE.....	18,894	Sanford city, FL.....	53,570
Park City city, UT.....	7,558	Sangamon County, IL.....	197,465
Parker town, CO.....	45,297	Santa Clarita city, CA.....	176,320
Pasadena city, CA.....	137,122	Santa Fe County, NM.....	144,170
Pasco city, WA.....	59,781	Santa Monica city, CA.....	89,736
Pasco County, FL.....	464,697	Sarasota County, FL.....	379,448
Peachtree City city, GA.....	34,364	Savage city, MN.....	26,911
Pearland city, TX.....	91,252	Savannah city, GA.....	136,286
Peoria city, AZ.....	154,065	Scarborough CDP, ME.....	4,403
Peoria city, IL.....	115,007	Scott County, MN.....	129,928
Peoria County, IL.....	186,494	Scottsdale city, AZ.....	217,385
Peters township, PA.....	21,213	Seaside city, CA.....	33,025
Petoskey city, MI.....	5,670	SeaTac city, WA.....	26,909
Pflugerville city, TX.....	46,936	Sevierville city, TN.....	14,807
Phoenix city, AZ.....	1,445,632	Shawnee city, KS.....	62,209
Pinal County, AZ.....	375,770	Sheboygan city, WI.....	49,288
Pinehurst village, NC.....	13,124	Shorewood city, MN.....	7,307
Piqua city, OH.....	20,522	Sioux Falls city, SD.....	153,888
Platte City city, MO.....	4,691	Skokie village, IL.....	64,784
Plymouth city, MN.....	70,576	Snellville city, GA.....	18,242
Pocatello city, ID.....	54,255	South Lake Tahoe city, CA.....	21,403
Polk County, IA.....	430,640	South Portland city, ME.....	25,002
Port Huron city, MI.....	30,184	Southborough town, MA.....	9,767
Port Orange city, FL.....	56,048	Southlake city, TX.....	26,575
Port St. Lucie city, FL.....	164,603	Sparks city, NV.....	90,264
Portland city, OR.....	583,776	Spokane Valley city, WA.....	89,755
Post Falls city, ID.....	27,574	Springboro city, OH.....	17,409
Prince William County, VA.....	402,002	Springfield city, OR.....	59,403
Provo city, UT.....	112,488	Springville city, UT.....	29,466
Pueblo city, CO.....	106,595	St. Charles city, IL.....	32,974
Purcellville town, VA.....	7,727	St. Cloud city, MN.....	65,842
Queen Creek town, AZ.....	26,361	St. Joseph city, MO.....	76,780
Radford city, VA.....	16,408	St. Louis County, MN.....	200,226
Radnor township, PA.....	31,531	St. Louis Park city, MN.....	45,250
Rapid City city, SD.....	67,956	Stallings town, NC.....	13,831
Raymore city, MO.....	19,206	State College borough, PA.....	42,034
Redmond city, WA.....	54,144	Sterling Heights city, MI.....	129,699
Rehoboth Beach city, DE.....	1,327	Sugar Grove village, IL.....	8,997
Reno city, NV.....	225,221	Sugar Land city, TX.....	78,817
Reston CDP, VA.....	58,404	Summit city, NJ.....	21,457
Richmond city, CA.....	103,701	Sunnyvale city, CA.....	140,081
Richmond Heights city, MO.....	8,603	Surprise city, AZ.....	117,517
Rifle city, CO.....	9,172	Suwanee city, GA.....	15,355
River Falls city, WI.....	15,000	Tacoma city, WA.....	198,397
Riverdale city, UT.....	8,426	Takoma Park city, MD.....	16,715
Riverside city, CA.....	303,871	Temecula city, CA.....	100,097
Riverside city, MO.....	2,937	Tempe city, AZ.....	161,719
Rochester city, MI.....	12,711	Temple city, TX.....	66,102
Rochester Hills city, MI.....	70,995	The Woodlands CDP, TX.....	93,847
Rock Hill city, SC.....	66,154	Thornton city, CO.....	118,772
Rockford city, IL.....	152,871	Thousand Oaks city, CA.....	126,683
Rockville city, MD.....	61,209	Tualatin city, OR.....	26,054

The National Citizen Survey™

Tulsa city, OK	391,906	West Richland city, WA.....	11,811
Twin Falls city, ID	44,125	Westerville city, OH.....	36,120
Tyler city, TX	96,900	Westlake town, TX	992
Umatilla city, OR	6,906	Westminster city, CO.....	106,114
Upper Arlington city, OH.....	33,771	Weston town, MA.....	11,261
Urbandale city, IA	39,463	Wheat Ridge city, CO	30,166
Vail town, CO.....	5,305	White House city, TN	10,255
Vancouver city, WA.....	161,791	Whitewater township, MI.....	2,597
Ventura CCD, CA.....	111,889	Wichita city, KS.....	382,368
Vestavia Hills city, AL	34,033	Williamsburg city, VA.....	14,068
Virginia Beach city, VA.....	437,994	Wilmington city, NC.....	106,476
Wake Forest town, NC.....	30,117	Wilsonville city, OR.....	19,509
Walnut Creek city, CA.....	64,173	Winchester city, VA	26,203
Washington County, MN.....	238,136	Windsor town, CO.....	18,644
Washoe County, NV	421,407	Windsor town, CT	29,044
Watauga city, TX	23,497	Winston-Salem city, NC.....	229,617
Wauwatosa city, WI	46,396	Winter Garden city, FL.....	34,568
Waverly city, IA	9,874	Woodland city, CA.....	55,468
Weddington town, NC	9,459	Woodland city, WA.....	5,509
Wentzville city, MO.....	29,070	Wrentham town, MA	10,955
West Carrollton city, OH	13,143	Yakima city, WA.....	91,067
West Chester borough, PA.....	18,461	York County, VA.....	65,464
West Des Moines city, IA.....	56,609	Yuma city, AZ	93,064

Southern Region with Populations from 35,000 to 69,999

Table 73: Community Characteristics General

	Percent positive	Rank	Number of communities in comparison	Comparison to benchmark
The overall quality of life in Bowling Green	84%	18	30	Similar
Overall image or reputation of Bowling Green	78%	12	24	Similar
Bowling Green as a place to live	90%	14	24	Similar
Your neighborhood as a place to live	75%	12	19	Similar
Bowling Green as a place to raise children	82%	14	27	Similar
Bowling Green as a place to retire	63%	18	26	Similar
Overall appearance of Bowling Green	78%	12	25	Similar

Table 74: Community Characteristics by Facet

		Percent positive	Rank	Number of communities in comparison	Comparison to benchmark
Safety	Overall feeling of safety in Bowling Green	76%	13	18	Similar
	In your neighborhood during the day	94%	13	23	Similar
	In Bowling Green's downtown/commercial area during the day	90%	11	20	Similar
Mobility	Overall ease of getting to the places you usually have to visit	67%	7	8	Similar
	Availability of paths and walking trails	50%	9	18	Similar
	Ease of walking in Bowling Green	48%	13	21	Similar
	Ease of travel by bicycle in Bowling Green	35%	17	20	Similar
	Ease of travel by public transportation in Bowling Green	31%	4	5	Lower
	Ease of travel by car in Bowling Green	63%	16	22	Similar
	Ease of public parking	51%	6	6	Similar
	Traffic flow on major streets	37%	18	23	Similar
Natural Environment	Quality of overall natural environment in Bowling Green	79%	6	19	Similar
	Cleanliness of Bowling Green	73%	9	17	Similar
	Air quality	74%	10	17	Similar
Built Environment	Overall "built environment" of Bowling Green (including overall design, buildings, parks and transportation systems)	65%	4	7	Similar

The National Citizen Survey™

		Percent positive	Rank	Number of communities in comparison	Comparison to benchmark	
	Overall quality of new development in Bowling Green	67%	6	21	Similar	
	Availability of affordable quality housing	52%	8	20	Similar	
	Variety of housing options	59%	11	18	Similar	
	Public places where people want to spend time	66%	3	7	Similar	
Economy	Overall economic health of Bowling Green	64%	5	8	Similar	
	Vibrant downtown/commercial area	57%	3	7	Higher	
	Overall quality of business and service establishments in Bowling Green	69%	8	17	Similar	
	Cost of living in Bowling Green	53%	4	7	Similar	
	Shopping opportunities	71%	4	19	Similar	
	Employment opportunities	49%	2	21	Similar	
	Bowling Green as a place to visit	67%	2	8	Similar	
	Bowling Green as a place to work	70%	6	26	Similar	
	Recreation and Wellness	Health and wellness opportunities in Bowling Green	71%	6	7	Similar
		Availability of affordable quality mental health care	53%	4	6	Similar
Availability of preventive health services		68%	7	14	Similar	
Availability of affordable quality health care		66%	8	16	Similar	
Availability of affordable quality food		74%	7	15	Similar	
Recreational opportunities		64%	12	19	Similar	
Education and Enrichment	Fitness opportunities (including exercise classes and paths or trails, etc.)	70%	3	7	Similar	
	Opportunities to participate in religious or spiritual events and activities	80%	6	14	Similar	
	Opportunities to attend cultural/arts/music activities	62%	9	20	Similar	
	Adult educational opportunities	69%	2	7	Similar	
	K-12 education	68%	7	17	Similar	
Community Engagement	Availability of affordable quality child care/preschool	54%	9	17	Similar	
	Opportunities to participate in social events and activities	59%	10	17	Similar	
	Neighborliness of Bowling Green	58%	4	8	Similar	
	Openness and acceptance of the community toward people of diverse backgrounds	58%	14	20	Similar	
	Opportunities to participate in community matters	58%	14	20	Similar	
	Opportunities to volunteer	70%	11	18	Similar	

Table 75: Governance General

	Percent positive	Rank	Number of communities in comparison	Comparison to benchmark
Services provided by the City of Bowling Green	69%	17	27	Similar
Overall customer service by Bowling Green employees (police, receptionists, planners, etc.)	61%	23	23	Lower
Value of services for the taxes paid to Bowling Green	52%	20	30	Similar
Overall direction that Bowling Green is taking	61%	8	20	Similar
Job Bowling Green government does at welcoming citizen involvement	54%	12	20	Similar
Overall confidence in Bowling Green government	46%	5	7	Similar
Generally acting in the best interest of the community	53%	5	7	Similar
Being honest	52%	6	7	Similar
Treating all residents fairly	46%	5	7	Similar
Services provided by the Federal Government	37%	11	16	Similar

Table 76: Governance by Facet

		Percent positive	Rank	Number of communities in comparison	Comparison to benchmark
Safety	Police Department services	76%	23	29	Similar
	Fire Department services	93%	12	25	Similar
	Ambulance or emergency medical services	91%	16	20	Similar
	Crime prevention	61%	18	24	Similar
	Fire prevention and education	68%	14	19	Similar
	Animal control	60%	14	18	Similar
	Emergency preparedness (services that prepare the community for natural disasters or other emergency situations)	64%	16	20	Similar
Mobility	Traffic enforcement	60%	15	25	Similar
	Street repair	35%	20	25	Lower
	Street cleaning	55%	13	19	Similar
	Street lighting	64%	8	22	Similar
	Snow removal	56%	7	8	Similar
	Sidewalk maintenance	45%	16	22	Similar
	Traffic signal timing	43%	14	18	Similar
Natural Environment	Bus or transit services	39%	14	15	Lower
	Garbage collection	73%	28	28	Lower
	Recycling	70%	22	27	Similar
	Yard waste pick-up	52%	24	24	Lower
	Drinking water	72%	13	23	Similar
Built Environment	Preservation of natural areas such as open space, farmlands and greenbelts	55%	7	15	Similar
	Bowling Green open space	56%	4	6	Similar
Economy	Storm drainage	56%	15	24	Similar
	Power (electric and/or gas) utility	73%	9	13	Similar
	Utility billing	62%	7	8	Similar
	Land use, planning and zoning	50%	10	18	Similar
Community Engagement	Code enforcement (weeds, abandoned buildings, etc.)	47%	19	27	Similar
Recreation and Wellness	Economic development	66%	4	18	Similar
	City parks	79%	11	20	Similar
	Recreation programs or classes	65%	16	22	Similar
	Recreation centers or facilities	64%	14	20	Similar
	Health services	69%	9	12	Similar
Education and Enrichment	City-sponsored special events	66%	7	9	Similar
	Public library services	85%	17	23	Similar
Community Engagement	Public information services	69%	10	20	Similar

Table 77: Participation General

	Percent positive	Rank	Number of communities in comparison	Comparison to benchmark
Sense of community	66%	10	19	Similar
Recommend living in Bowling Green to someone who asks	93%	4	18	Similar
Remain in Bowling Green for the next five years	86%	7	18	Similar
Contacted Bowling Green (in-person, phone, email or web) for help or information	33%	20	20	Lower

The National Citizen Survey™

Table 78: Participation by Facet

		Percent positive	Rank	Number of communities in comparison	Comparison to benchmark
Safety	Stocked supplies in preparation for an emergency	25%	7	7	Lower
	Did NOT report a crime to the police	76%	4	7	Similar
	Household member was NOT a victim of a crime	90%	5	17	Similar
Mobility	Used bus, rail, subway or other public transportation instead of driving	12%	4	5	Lower
	Carpooled with other adults or children instead of driving alone	45%	3	7	Similar
	Walked or biked instead of driving	39%	6	7	Lower
Natural Environment	Made efforts to conserve water	67%	7	7	Lower
	Made efforts to make your home more energy efficient	68%	6	7	Similar
	Recycle at home	69%	16	18	Lower
Built Environment	Did NOT observe a code violation or other hazard in Bowling Green	61%	3	7	Similar
	NOT experiencing housing costs stress	65%	10	19	Similar
Economy	Purchase goods or services from a business located in Bowling Green	95%	6	7	Similar
	Economy will have positive impact on income	33%	4	18	Similar
	Work inside boundaries of Bowling Green	69%	1	7	Much higher
Recreation and Wellness	Used Bowling Green recreation centers or their services	57%	7	18	Similar
	Visited a neighborhood park or City park	81%	13	19	Similar
	Eat at least 5 portions of fruits and vegetables a day	78%	7	7	Similar
	Participate in moderate or vigorous physical activity	79%	4	7	Similar
	In very good to excellent health	51%	6	7	Similar
Education and Enrichment	Used Bowling Green public libraries or their services	62%	8	15	Similar
	Participated in religious or spiritual activities in Bowling Green	63%	5	14	Higher
	Attended City-sponsored event	50%	5	7	Similar
Community Engagement	Campaigned or advocated for an issue, cause or candidate	19%	3	6	Similar
	Contacted Bowling Green elected officials (in-person, phone, email or web) to express your opinion	19%	2	7	Similar
	Volunteered your time to some group/activity in Bowling Green	44%	7	18	Similar
	Participated in a club	33%	6	16	Similar
	Talked to or visited with your immediate neighbors	86%	6	7	Similar
	Done a favor for a neighbor	82%	4	7	Similar
	Attended a local public meeting	14%	17	18	Similar
	Watched (online or on television) a local public meeting	35%	7	16	Similar
	Read or watch local news (via television, paper, computer, etc.)	88%	3	7	Similar
	Vote in local elections	69%	13	17	Similar

Communities included in Southern Region with Population 35,000 to 69,999 comparisons

The communities included in Bowling Green’s custom comparisons are listed below along with their population according to the 2010 Census.

Annapolis city, MD	38,394	Huntersville town, NC.....	46,773
Auburn city, AL	53,380	Hurst city, TX.....	37,337
Bowling Green city, KY	58,067	James City County, VA	67,009
Burleson city, TX.....	36,690	Johnson City city, TN.....	63,152
Chapel Hill town, NC	57,233	Jupiter town, FL.....	55,156
Charlottesville city, VA.....	43,475	New Braunfels city, TX	57,740
Delray Beach city, FL.....	60,522	Oakland Park city, FL	41,363
Dothan city, AL	65,496	Panama City city, FL.....	36,484
Duncanville city, TX.....	38,524	Pflugerville city, TX	46,936
Flower Mound town, TX.....	64,669	Port Orange city, FL	56,048
Franklin city, TN.....	62,487	Reston CDP, VA	58,404
Friendswood city, TX.....	35,805	Rock Hill city, SC.....	66,154
Gaithersburg city, MD.....	59,933	Rockville city, MD.....	61,209
Galveston city, TX.....	47,743	San Marcos city, TX.....	44,894
Georgetown city, TX.....	47,400	Sanford city, FL.....	53,570
Hallandale Beach city, FL.....	37,113	Temple city, TX.....	66,102
Harrisonburg city, VA	48,914	York County, VA.....	65,464

Appendix C: Detailed Survey Methods

The National Citizen Survey (The NCS™) was developed to provide communities an accurate, affordable and easy way to assess and interpret resident opinion about important local topics. Standardization of common questions and survey methods provide the rigor to assure valid results, and each community has enough flexibility to construct a customized version of The NCS.

Results offer insight into residents' perspectives about the community as a whole, including local amenities, services, public trust, resident participation and other aspects of the community in order to support budgeting, land use and strategic planning and communication with residents. Resident demographic characteristics permit comparison to the Census as well as comparison of results for different subgroups of residents.

Survey Validity

The question of survey validity has two parts: 1) how can a community be confident that the results from those who completed the questionnaire are representative of the results that would have been obtained had the survey been administered to the entire population? and 2) how closely do the perspectives recorded on the survey reflect what residents really believe or do?

To answer the first question, the best survey research practices were used for the resources spent to ensure that the results from the survey respondents reflect the opinions of residents in the entire community. These practices include:

- Using a mail-out/mail-back methodology, which typically gets a higher response rate than phone for the same dollars spent. A higher response rate lessens the worry that those who did not respond are different than those who did respond.
- Selecting households at random within the community to receive the survey to ensure that the households selected to receive the survey are the representative of the larger community.
- Over-sampling multi-family housing units to improve response from hard-to-reach, lower income or younger apartment dwellers.
- Selecting the respondent within the household using an unbiased sampling procedure; in this case, the "birthday method." The cover letter included an instruction requesting that the respondent in the household be the adult (18 years old or older) who most recently had a birthday, irrespective of year of birth.
- Contacting potential respondents three times to encourage response from people who may have different opinions or habits than those who would respond with only a single prompt.
- Inviting response in a compelling manner (using appropriate letterhead/logos and a signature of a visible leader) to appeal to recipients' sense of civic responsibility.
- Providing a pre-addressed, postage-paid return envelope.
- Offering the survey in Spanish or other language when requested by a given community.
- Weighting the results to reflect the demographics of the population.

The answer to the second question about how closely the perspectives recorded on the survey reflect what residents really believe or do is more complex. Resident responses to surveys are influenced by a variety of factors. For questions about service quality, residents' expectations for service quality play a role as well as the "objective" quality of the service provided, the way the resident perceives the entire community (that is, the context in which the service is provided), the scale on which the resident is asked to record his or her opinion and, of course, the opinion, itself, that a resident holds about the service. Similarly a resident's report of certain behaviors is colored by what he or she believes is the socially desirable response (e.g., reporting tolerant behaviors toward "oppressed groups," likelihood of voting for a tax increase for services to poor people, use of alternative modes of travel to work besides the single occupancy vehicle), his or her memory of the actual behavior (if it is not a question speculating about future actions, like a vote), his or her confidence that he or she can be honest without suffering any negative consequences (thus the need for anonymity) as well as the actual behavior itself.

How closely survey results come to recording the way a person really feels or behaves often is measured by the coincidence of reported behavior with observed current behavior (e.g., driving habits), reported intentions to behave with observed future behavior (e.g., voting choices) or reported opinions about current community quality with objective characteristics of the community (e.g., feelings of safety correlated with rates of crime). There is a

body of scientific literature that has investigated the relationship between reported behaviors and actual behaviors. Well-conducted surveys, by and large, do capture true respondent behaviors or intentions to act with great accuracy. Predictions of voting outcomes tend to be quite accurate using survey research, as do reported behaviors that are not about highly sensitive issues (e.g., family abuse or other illegal or morally sanctioned activities). For self-reports about highly sensitive issues, statistical adjustments can be made to correct for the respondents' tendency to report what they think the "correct" response should be.

Research on the correlation of resident opinion about service quality and "objective" ratings of service quality vary, with some showing stronger relationships than others. NRC's own research has demonstrated that residents who report the lowest ratings of street repair live in communities with objectively worse street conditions than those who report high ratings of street repair (based on road quality, delay in street repair, number of road repair employees). Similarly, the lowest rated fire services appear to be "objectively" worse than the highest rated fire services (expenditures per capita, response time, "professional" status of firefighters, breadth of services and training provided). Resident opinion commonly reflects objective performance data but is an importance measure on its own. NRC principals have written, "If you collect trash three times a day but residents think that your trash haul is lousy, you still have a problem."

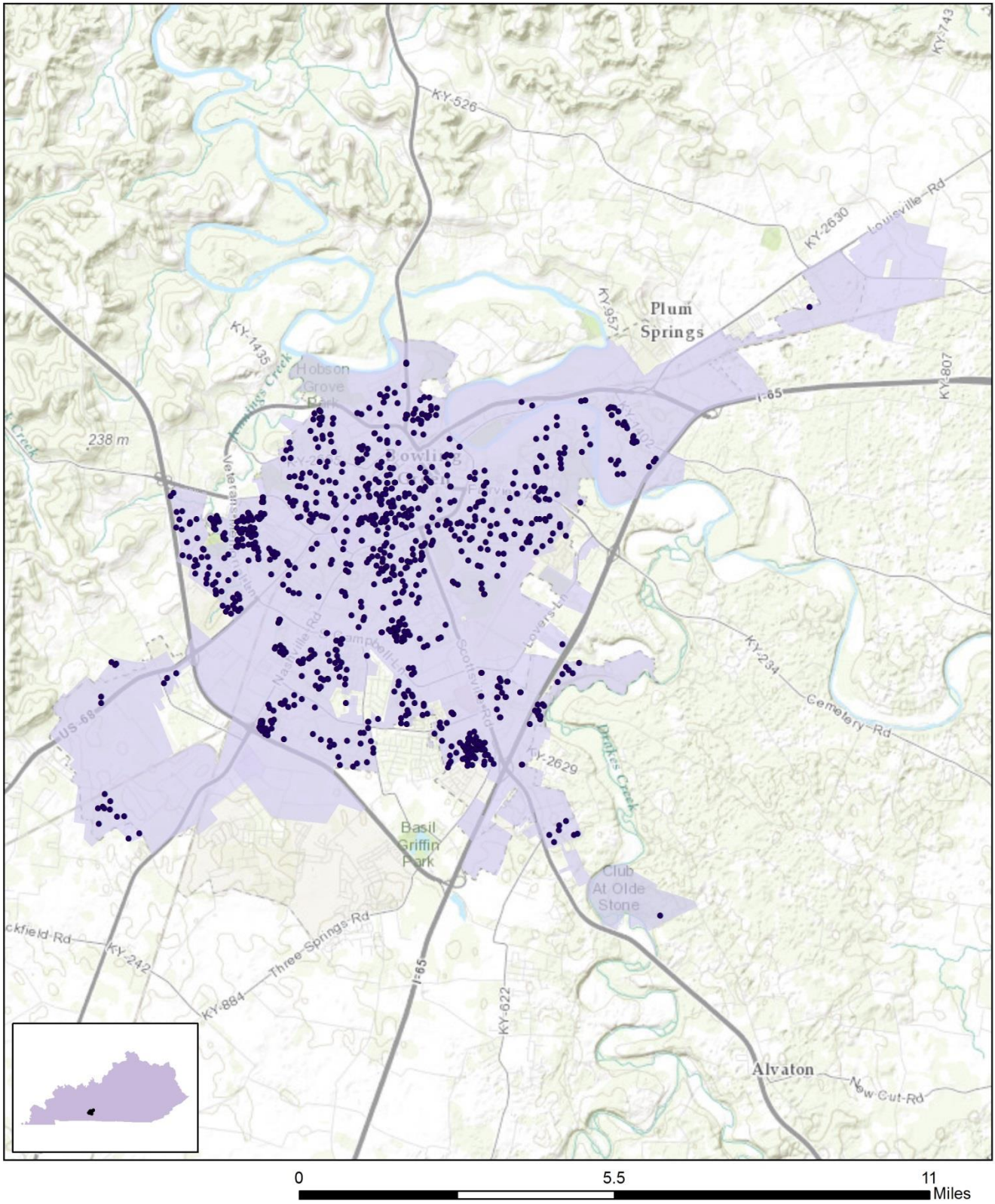
Survey Sampling

"Sampling" refers to the method by which households were chosen to receive the survey. All households within the City of Bowling Green were eligible to participate in the survey. A list of all households was represented by a United States Postal Service listing of housing units within the zip codes serving Bowling Green. Since some of the zip codes that serve the City of Bowling Green households may also serve addresses that lie outside of the community, the exact geographic location of each housing unit was compared to community boundaries using the most current municipal boundary file (updated on a quarterly basis) and addresses located outside of the City of Bowling Green boundaries were removed from consideration.

To choose the 1,200 survey recipients, a systematic sampling method was applied to the list of households previously screened for geographic location. Systematic sampling is a procedure whereby a complete list of all possible items is culled, selecting every *Nth* one until the appropriate amount of items is selected. Multi-family housing units were over sampled as residents of this type of housing typically respond at lower rates to surveys than do those in single-family housing units. Figure 1 displays a map of the households selected to receive the survey. In general, because of the random sampling techniques used, the displayed sampling density will closely mirror the overall housing unit density (which may be different from the population density). While the theory of probability assumes no bias in selection, there may be some minor variations in practice (meaning, an area with only 15% of the housing units might be sampled at an actual rate that is slightly above or below that).

An individual within each household was selected using the birthday method. The birthday method selects a person within the household by asking the "person whose birthday has most recently passed" to complete the questionnaire. The underlying assumption in this method is that day of birth has no relationship to the way people respond to surveys. This instruction was contained in the cover letter accompanying the questionnaire.

Figure 1: Location of Survey Recipients



Survey Recipients in Bowling Green, KY

- Survey Recipients



Survey Administration and Response

Selected households received three mailings, one week apart, beginning in July 2014. The first mailing was a prenotification postcard announcing the upcoming survey. The next mailing contained a letter from the City Manager inviting the household to participate, a questionnaire and a postage-paid return envelope. The final mailing contained a reminder letter, another survey and a postage-paid return envelope. The second cover letter asked those who had not completed the survey to do so and those who had already done so to refrain from turning in another survey. Respondents could opt to take the survey online. Completed surveys were collected over the following eight weeks.

About 9% of the 1,200 surveys mailed were returned because the housing unit was vacant or the postal service was unable to deliver the survey as addressed. Of the remaining 1,088 households that received the survey, 237 completed the survey, providing an overall response rate of 22%; average response rates for a mailed resident survey range from 25% to 40%. Of the 237 completed surveys, 10 were completed online.

Confidence Intervals

It is customary to describe the precision of estimates made from surveys by a “level of confidence” and accompanying “confidence interval” (or margin of error). A traditional level of confidence, and the one used here, is 95%. The 95% confidence interval can be any size and quantifies the sampling error or imprecision of the survey results because some residents’ opinions are relied on to estimate all residents’ opinions.¹

The margin of error for the City of Bowling Green survey is no greater than plus or minus six percentage points around any given percent reported for the entire sample (237 completed surveys).

For subgroups of responses, the margin of error increases because the sample size for the subgroup is smaller. For subgroups of approximately 100 respondents, the margin of error is plus or minus 10 percentage points.

Survey Processing (Data Entry)

Upon receipt, completed surveys were assigned a unique identification number. Additionally, each survey was reviewed and “cleaned” as necessary. For example, a question may have asked a respondent to pick two items out of a list of five, but the respondent checked three; in this case, NRC would use protocols to randomly choose two of the three selected items for inclusion in the dataset.

All surveys then were entered twice into an electronic dataset; any discrepancies were resolved in comparison to the original survey form. Range checks as well as other forms of quality control were also performed.

Survey Data Weighting

The demographic characteristics of the survey sample were compared to those found in the 2010 Census and American Community Survey estimates for adults in the City of Bowling Green. The primary objective of weighting survey data is to make the survey sample reflective of the larger population of the community. The characteristics used for weighting were housing tenure, housing unit type, race, and sex and age. The results of the weighting scheme are presented in the following table.

¹ A 95% confidence interval indicates that for every 100 random samples of this many residents, 95 of the confidence intervals created will include the “true” population response. This theory is applied in practice to mean that the “true” perspective of the target population lies within the confidence interval created for a single survey. For example, if 75% of residents rate a service as “excellent” or “good,” then the 4% margin of error (for the 95% confidence interval) indicates that the range of likely responses for the entire community is between 71% and 79%. This source of uncertainty is called sampling error. In addition to sampling error, other sources of error may affect any survey, including the non-response of residents with opinions different from survey responders. Though standardized on The NCS, on other surveys, differences in question wording, order, translation and data entry, as examples, can lead to somewhat varying results.

Table 79: Bowling Green, KY 2014 Weighting Table

Characteristic	Population Norm	Unweighted Data	Weighted Data
Housing			
Rent home	59%	36%	57%
Own home	41%	64%	43%
Detached unit	55%	64%	54%
Attached unit	45%	36%	46%
Race and Ethnicity			
White	79%	87%	79%
Not white	21%	13%	21%
Not Hispanic	95%	98%	96%
Hispanic	5%	2%	4%
Sex and Age			
Female	52%	62%	53%
Male	48%	38%	47%
18-34 years of age	45%	19%	42%
35-54 years of age	29%	26%	29%
55+ years of age	26%	55%	29%
Females 18-34	23%	14%	27%
Females 35-54	15%	13%	11%
Females 55+	15%	35%	15%
Males 18-34	23%	5%	15%
Males 35-54	14%	13%	18%
Males 55+	11%	20%	14%

Survey Data Analysis and Reporting

The survey dataset was analyzed using the Statistical Package for the Social Sciences (SPSS). For the most part, the percentages presented in the reports represent the “percent positive.” The percent positive is the combination of the top two most positive response options (i.e., “excellent” and “good,” “very safe” and “somewhat safe,” “essential” and “very important,” etc.), or, in the case of resident behaviors/participation, the percent positive represents the proportion of respondents indicating “yes” or participating in an activity at least once a month.

On many of the questions in the survey respondents may answer “don’t know.” The proportion of respondents giving this reply is shown in the full set of responses included in Appendix A. However, these responses have been removed from the analyses presented in the reports. In other words, the tables and graphs display the responses from respondents who had an opinion about a specific item.

Appendix D: Survey Materials