2005 SHREWSBURY TOWN SURVEY

FINAL REPORT

December 2005

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EXECUTIVE SUMMARY

Purpose: This survey was conducted for the purpose of providing the Town of Shrewsbury with an understanding of citizen attitudes and opinions. This report analyzes data collected as a result of the survey.

Methodology: The survey was conducted in November 2005 to gather opinion data from a sample of 1020 voters registered in the Town of Shrewsbury. The respondents were selected by systematic random sampling from the list of 18, 955 registered voters. Questionnaires were mailed to the home addresses of those selected. Respondents had the option of completing the questionnaire on paper and returning it in a postage-paid envelope, or they could also access the questionnaire via the Shrewsbury town website. A total of 373 useable questionnaires were returned in time to be included in the analyses presented in this report.

The survey questions were developed by Clark University students after an extensive review of the published research on citizen surveys, and in close consultation with Shrewsbury officials. The final questionnaire included basic demographic questions in addition to questions designed to learn about satisfaction with town services, and citizen reaction to options for taxation and water conservation.

Major Findings: Among registered voters who responded to the survey,

- 33.9 percent (133 respondents) said that quality of life in Shrewsbury was excellent, and another 46.4 percent (170 respondents) rated the quality of life just slightly below excellent.
- Of respondents who had lived in another town within the past 5 years, 71.7 percent reported that Shrewsbury Town services were excellent or just below excellent compared to those of their former town of residence.
- Of respondents who had experience with one or more services provided by the Town:
 - o 95 percent rated fire services as excellent or just below excellent,
 - o 95 percent also rated ambulance services as excellent or just below excellent,
 - Over 85 percent of respondents indicated that their experience with police services was either excellent or just below excellent, and
 - Over 80 percent of respondents rated trash and yard waste collection, public schools, parks and recreation, and electrical services in the top two categories of the five-point rating scale of services.
- 37.5 percent (131 respondents), the largest group, would be willing to raise taxes in order to maintain the current level of services the Town delivers.
- 51.7 percent (166 respondents) support a Proposition 2½ override to fund solid waste collection, while 32.1 percent (103 respondents) support a fee-per-bag system.
- Nearly half (49.3 percent) of respondents said they would be very likely to assist the Town in reducing the amount of water used in gardening and lawn watering.
- Respondents expressed considerable interest in potential Town programs providing small
 water conservation devices at low or no cost, especially low flow faucet aerators and
 outdoor water conservation kits.

SURVEY PURPOSES AND BACKGROUND

Purposes of the Survey

In August 2005 the Town of Shrewsbury, Massachusetts contracted with Clark University's Professor Brian Cook and the students registered for Government 107/MPA 3900 to undertake a citizen survey. The purpose of the survey was two-pronged: first, to provide the Town of Shrewsbury with citizen opinions about the quality of life in the Town, the level of satisfaction with Town services, options for addressing the revenue needs of Town services, and citizen willingness to participate in water conservation programs; second, to give students studying research design and data analysis an opportunity to apply concepts introduced in class and in assigned readings to a client-driven project, including testing several hypotheses based on published citizen survey research.

Background Information

The Town of Shrewsbury has a population of 33,654, of which 18,955 are registered voters. Sectioned into 9 precincts, the town has 12,000 homes with a median home price of \$315,478. The population of Shrewsbury is comprised of 48.6 percent males and 54.4 percent females, with 25.6 percent of residents 18 years of age and under, and 15.6 percent of residents 62 years of age and over. The median household income in Shrewsbury is \$69,353.

As in many other locales throughout the nation, Shrewsbury town officials, faced with costs outpacing revenues, are considering ways to reduce costs or increase revenue. They believe that the attractiveness of the town to current and prospective residents is directly influenced by the traditionally broad array of services and high level of service quality that Shrewsbury residents enjoy. Thus town officials have sought to learn how residents feel about the general quality of life in the town, the level of taxation, and the quality of and satisfaction with services provided by the Town. The officials' general questions include: 'how likely are residents to support a Proposition 2½ override that will increase taxes,' and 'if residents are satisfied with the level of town services, are they willing to vote for an override in order to maintain the same level of services?'

The Town of Shrewsbury is also facing two other distinct policy dilemmas. First, the town's current and financially favorable solid waste collection contract is about to expire. Thus they would like to know what options for funding future trash and yard waste collection the town residents would support. Second, like many other towns in the Commonwealth of Massachusetts, Shrewsbury is faced with a new state mandate to reduce its water consumption because of the threats to the continued ecological viability of the watershed from which the town draws its water. Current water usage rates in the town exceed the new, lower state mandates by 17 gallons per person per day. Citizen willingness to participate in water conservation programs is directly related to meeting the new, lower water usage rate threshold. Officials have planned to implement a water conservation program, but they have sought to gather information related to the types of products and services residents are likely to use. Data from the survey will assist in determining the most useful allocation of water conservation funds.

Review of Research on Citizen Surveys

Findings from citizen survey research indicate certain trends in the way citizens rank specific services. According to Miller and Miller (1991), fire, trash collection, and library services have received higher ratings than road maintenance/street repair. In trying to account for correlations among community characteristics and rankings of services, the researchers found that midsized communities with less poverty or a higher resident income per capita, and where residents were more likely to commute, received higher service rankings.

Further, research using the American Customer Satisfaction Index (ASCI) – which the private sector uses to analyze customer satisfaction across a broad range of consumer goods and services – in the context of local government service assessment has recently appeared. Van Ryzin, et al. (2004) have analyzed data from two customer satisfaction surveys of New York City residents. Their work focuses on "how specific services drive overall judgments of quality and satisfaction and, in turn, how overall satisfaction is related to outcomes of inherent interest to policy makers, administrators, and the public" (p. 333). The researchers found that the most highly rated services (fire, library, and parks and recreation facilities) were relatively weak explanatory factors in citizens' overall judgments of quality and satisfaction with city services. They discovered that the key "driver" of overall citizen satisfaction was the level of satisfaction with police services. They concluded that "improving the performance of government – particularly services that emerge as key drivers in the model (police, schools, and transportation) – would help boost trust in government and help retain residents" (p. 339).

SURVEY METHODOLOGY

Sampling Methods

In order for the Town of Shrewsbury and the survey team from Clark University to gauge citizen satisfaction with the town services and taxation, the survey team decided that a sample of the town's entire voting population would be the most effective method. The rationale behind using the voting population as the target population is that voters are more likely to express their favor or disfavor over any decisions the town might eventually make as a result of the survey, whether by voting or various other means of communicating their views on Town policy. The survey team chose to use the systematic sampling method by drawing from a well-defined list of the population, in this case the registered voters list containing 18,955 names. The survey team chose participants at a calculated skipping interval to yield the desired sample size of 1000 registered voters. The survey team chose this method because it had a well-structured sampling frame and a known population unit to work with.

The team chose a sample size of 1000 to generate a large enough response rate to provide reasonably accurate sample estimates. Based on previous general research on response rates for mail surveys, on similar surveys in other towns, and on the level of Shrewsbury residents' involvement in other activities such as turnout for local elections, the survey team expected a response rate near 400. The team distributed 1020 surveys, sending the additional 20 to compensate for potential problems with delivery to the addresses as recorded on the registered voters list. Indeed, four of the names on the list had to be dropped because of discrepancies in

the mailing process, and seven surveys were undeliverable because of improper or out-of-date addresses. This left a final working sample of 1009, from which the survey team received 373 usable response surveys via both mail and the internet. This constituted a 37 percent response rate, which came close to survey team's expectations.

Respondent Contact Methodology

The survey team decided that the best method of contact and response would be a combination of mail and Internet, in part on the basis of cost effectiveness. Costs for mail surveys are limited to postage, reproduction of materials, and person hours for processing (both distribution and receipt). The Internet option requires only the costs of designing an html version of the questionnaire and the back-end structuring for receipt and organization of the data. Other, more personal methods require people to be trained and paid a salary plus reimbursed for potential travel and phone expenses. The survey team also decided that there would be less bias introduced with less personal interaction. One of the disadvantages of the methods the survey team chose is that response rates are lower then with more personal methods. People feel less compelled to respond when questions aren't being presented personally. The Town of Shrewsbury also felt very strongly that it wanted the Internet to be incorporated into the implementation of the survey. For these reasons the survey team mailed out a questionnaire accompanied by a letter from the town manager explaining the purpose of the survey and assuring anonymity to the respondents. The letter also explained that respondents had the option of completing the paper questionnaire and returning it the postage-paid envelope provided, or they could access a website and complete the survey online. (Copies of the cover letter and the questionnaire can be found in Appendices 4 and 5.)

Questionnaires were mailed and the survey website was opened to respondents on November 7th and respondents were asked to return their surveys by the 21st of November. Because of the slow rate of return, especially with the Thanksgiving holiday falling within that window, the survey team continued to accept responses until the 29th of November.

Questionnaire Design

Clark University students developed the questionnaire after reviewing published research on citizen surveys and in close consultation with Shrewsbury officials. To be consistent with the practice of citizen survey research, and to help test several hypotheses concerning the factors that shape citizen opinions about service quality and policy preferences, the survey contained questions to gather demographic information about the respondents. Guided by the survey team's knowledge of citizen survey research, the Town agreed to several series of questions designed to learn about citizen satisfaction with town services. The town also sought citizen opinion about taxation levels in relation to the delivery of services. At the town's behest, the survey team also included a series of questions on water conservation that aimed not only to discover what people thought about the issue but also to make them aware of the town's increasingly difficult water resource problem.

Knowing that question-order effects can greatly change or skew the results of the survey, the team tried to place questions in an order that would minimize such effects. They also took into account general questionnaire design guidelines governing concerns about how well respondents understand the questions, whether they are likely to know the answer or have a well-

formed opinion on the substance of the questions, whether respondents could recall the information needed to answer a question, and whether they would be willing to provide the information.

Town officials requested that the team include several open-ended questions to aid them in interpreting the quantitative results. (Analysis of responses to these questions is not included in this report). For closed-ended questions, the survey team chose to use the familiar five-point Likert scale whenever possible to provide consistency in the data yielded by the questions. The 10 services for which citizen views about quality and satisfaction was sought were chosen by town officials, but with survey team advice about the need to limit the length of the list.

FINDINGS

General Results

The results of the survey are unequivocal. Shrewsbury registered voters are very satisfied with the quality of town services they have experienced and the cost-effectiveness of those services. Of the 10 town services presented to survey respondents for evaluation on a scale of one to five, with one being Excellent and five being Poor, four percent or fewer gave a quality rating for experience or cost-effectiveness at the lowest level. With only one exception – the quality of road maintenance services on the basis of experience – majority of respondents rated all town services surveyed in the top two categories of the five-point ratings scales for both quality based on experience and quality based on getting their money's worth in taxes and fees. Table 1 displays the averages for the quality and satisfaction ratings for the 10 town services, and Table 2 shows the rank ordering of the 'money's worth' ratings averages.

 $\underline{\text{TABLE 1}}$ AVERAGE RESPONDENT RATINGS OF 10 TOWN SERVICES ON A FIVE-POINT SCALE

| SERVICE | USER QUALITY OF EXPERIENCE | RATING FOR MONEY'S WORTH |
|---------------------|-------------------------------|-----------------------------|
| Fire Services | 1.386 | 1.559 |
| Ambulance | | |
| Services | 1.360 | 1.519 |
| Snow Plowing | 2.151 | 2.097 |
| Trash/Yard Waste | | |
| Collection | 1.731 | 1.786 |
| Road Maintenance | 2.500 | 2.386 |
| Public Schools | 1.876 | 2.028 |
| Parks/Recreation | 1.837 | 2.145 |
| Cable Television | 1.842 | 1.991 |
| Electrical Services | 1.664 | 1.737 |
| Police Services | 1.657 | 1.680 |

TABLE 2

RANK ORDERING OF MONEY'S WORTH SERVICE RATING AVERAGES

| SERVICE | RATING FOR MONEY'S WORTH |
|-----------------------------|--------------------------|
| Ambulance Services | 1.519 |
| Fire Services | 1.559 |
| Police Services | 1.680 |
| Electrical Services | 1.737 |
| Trash/Yard Waste Collection | 1.786 |
| Cable Television | 1.991 |
| Public Schools | 2.028 |
| Snow Plowing | 2.097 |
| Parks/Recreation | 2.145 |
| Road Maintenance | 2.386 |

In addition, respondents who had lived elsewhere in the past five years indicated that Shrewsbury's town services compared very favorably with the kind and quality of services in other towns (Table 3).

TABLE 3
IF YOU HAVE LIVED IN ANOTHER TOWN IN THE PAST 5 YEARS, HOW WOULD YOU RATE SHREWSBURY'S SERVICES COMPARED TO THOSE OF YOUR PAST PLACE OF RESIDENCE?

| | Freq. | % |
|--------------|-------|-------|
| 1) EXCELLENT | 31 | 33.7 |
| 2) 2 | 35 | 38.0 |
| 3) 3 | 18 | 19.6 |
| 4) 4 | 6 | 6.5 |
| 5) POOR | 2 | 2.2 |
| TOTAL | 92 | 100.0 |

Respondents rated the overall quality of life in the town very highly, with 33.9 percent rating it excellent and another 46.4 percent (for a total of 80.3 percent) rating it just below excellent (Figure 1). Respondents also rate the town very highly as a place to raise children (Figure 2).

FIGURE 1

QUESTION 3 -- How do you rate the over all quality of life in Shrewsbury?

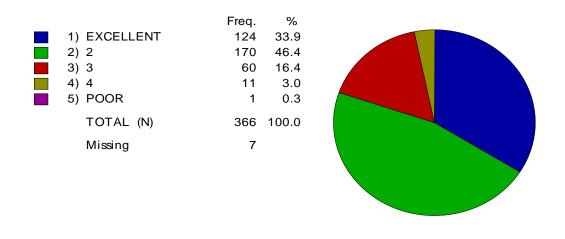
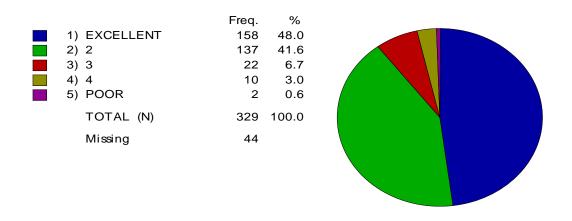


FIGURE 2

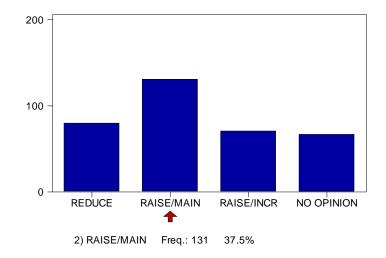
QUESTION 1 -- How do you rate Shrewsbury as a place to raise children?



On the key policy issues for which town officials sought respondent feedback, taxes to support town services received the strongest, although not always majority, support. On the question of the relationship between tax levels and town services, 37.5 percent (131 respondents), the largest group, indicated they would be willing to raise taxes in order to maintain the current level of services the Town delivers. Another 20 percent supported raising taxes to increase levels or quality of services. However, nearly 23 percent supported reducing taxes even if it meant reducing services (Figure 3).

FIGURE 3

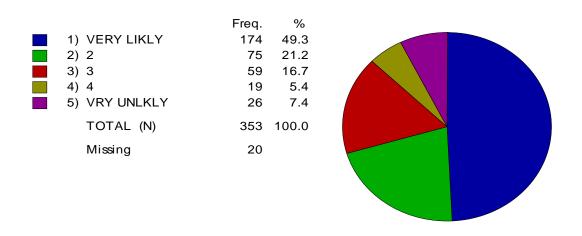
QUESTION 8 -- My preference would be to... taxes



Nearly half of the respondents indicated they were very likely to assist the town in its effort to meet the new restrictions on water consumption, with another 21 percent indicating that they were close to being very likely to assist the town, for a total of 70.5 percent of respondents who appear quite willing to engage in further water conservation efforts (Figure 4).

FIGURE 4

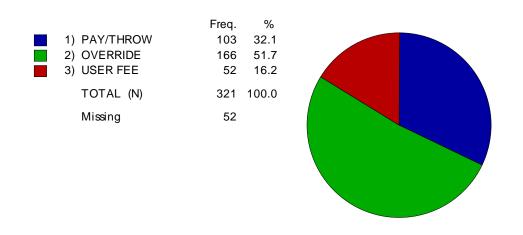
QUESTION10 -- WATER - How likely are you to assist the Town in meeting these new restrict frequency of lawn and garder watering?



Finally, an override of Proposition 2½ restrictions received majority respondent support as the means to fund trash collection, followed by the fee-per-bag option (Figure 5).

FIGURE 5

QUESTION21 -- Paying for Trash Collection Options - Which of the following would you pre



Of the questionnaires the survey team received, the largest proportion came from those who have lived in Shrewsbury more than 20 years, from those with annual household incomes above \$100,000, from those between the ages of 45 and 54 years old, from those with graduate and professional degrees, and those without children currently in the Shrewsbury Public Schools (Tables 4-8).

TABLE 4
HOW LONG HAVE YOU LIVED IN THE TOWN OF SHREWSBURY?

| | Freq. | % |
|--------------|-------|-------|
| 1) < 2 YRS | 14 | 3.8 |
| 2) 2-5 YRS | 54 | 14.8 |
| 3) 6-10 YRS | 49 | 13.4 |
| 4) 11-20 YRS | 90 | 24.7 |
| 5) > 20 YRS | 158 | 43.3 |
| TOTAL | 365 | 100.0 |

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TABLE 5
WHICH CATEGORY BEST DESCRIBES YOUR TOTAL HOUSEHOLD INCOME DURING
THE PAST YEAR FROM ALL SOURCES BEFORE TAXES?

| | Freq. | % |
|----------------------|-------|-------|
| 1) < \$24,999 | 23 | 7.1 |
| 2) \$25-49,999 | 38 | 11.7 |
| 3) \$50-74,999 | 62 | 19.1 |
| 4) \$75-100000 | 71 | 21.9 |
| <i>5)</i> > \$100000 | 130 | 40.1 |
| TOTAL | 324 | 100.0 |

TABLE 6
IN WHAT CATEGORY IS YOUR AGE?

| | Freq. | % |
|--------------|-------|-------|
| 1) 18-24 YRS | 11 | 3.0 |
| 2) 25-34 YRS | 32 | 8.8 |
| 3) 35-44 YRS | 73 | 20.2 |
| 4) 45-54 YRS | 93 | 25.7 |
| 5) 55-64 YRS | 73 | 20.2 |
| 6) 65-74 YRS | 41 | 11.3 |
| 7) 75+ YRS | 39 | 10.8 |
| TOTAL | 362 | 100.0 |

TABLE 7
WHAT IS THE HIGHEST DEGREE OR LEVEL OF SCHOOL YOU HAVE COMPLETED?

| | Freq. | % |
|---------------|-------|-------|
| 1) < 12TH | 1 | 0.3 |
| 2) HS DIPLOMA | 36 | 9.9 |
| 3) SOME COLL | 54 | 14.8 |
| 4) ASSOC DEGR | 36 | 9.9 |
| 5) BA/BS | 106 | 29.0 |
| 6) GRAD/PROF | 132 | 36.2 |
| TOTAL | 365 | 100.0 |

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TABLE 8
DO YOU CURRENTLY HAVE CHILDREN ENROLLED IN THE SHREWSBURY SCHOOL SYSTEM?

| | Freq. | % |
|--------|-------|-------|
| 1) YES | 120 | 32.7 |
| 2) NO | 247 | 67.3 |
| TOTAL | 367 | 100.0 |

Detailed Analysis

Assessing responses to questions in the survey yields a number of important results. For example, respondents in the \$50,000-74,999 category are the most pleased with the quality of life in Shrewsbury (Figure 6). Also, respondents 25-34 years old and 65-74 years old are most satisfied with Shrewsbury's quality of life (Figure 7).



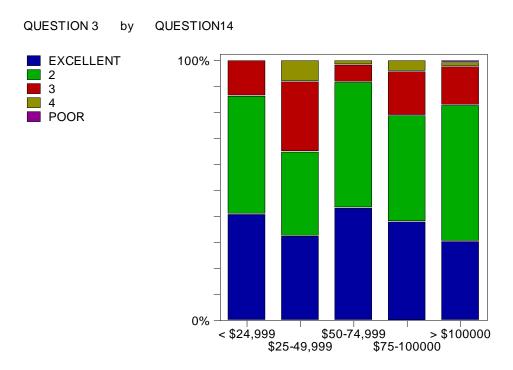
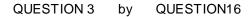
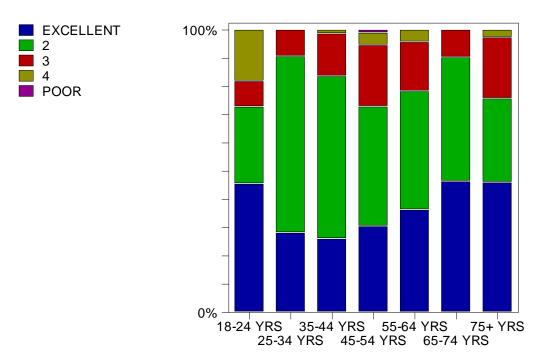


FIGURE 7





With respect to the question of options for taxation on support of town services, the older the respondents, the more likely they are to support reducing taxes and town services. Support for increasing taxes to increase services is highest among respondents 35-54 years old. A majority of respondents in all age categories support raising taxes over reducing them (Figure 8 – the 'No Opinion' option has been removed from this analysis for clarity). In addition, respondents in the highest two income categories were most supportive of raising taxes to increase services and to increase taxes to maintain services (Figure 9).

FIGURE 8

QUESTION 8 by QUESTION16

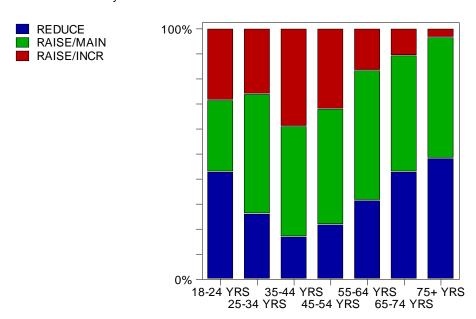
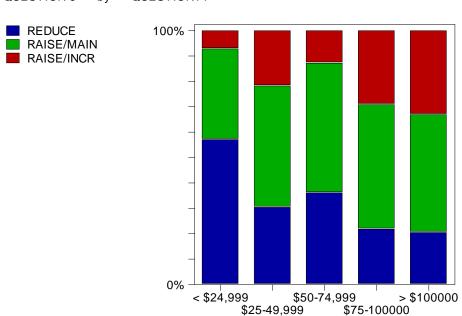


FIGURE 9

QUESTION 8 by QUESTION14



With respect to future funding options for trash collection, support for the use of a Proposition 2½ override is highest in the two highest income categories. Support for pay as you throw is highest in the middle income category (Figure 10). Support for the pay-as-you-throw option increases modestly with age (Figure 11).

FIGURE 10

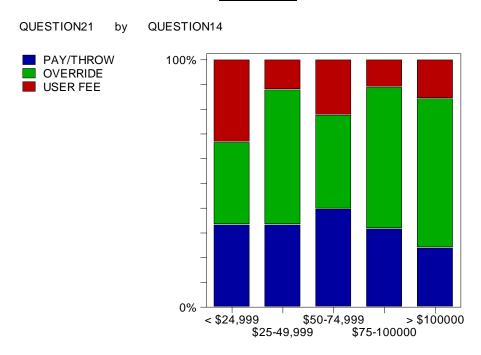
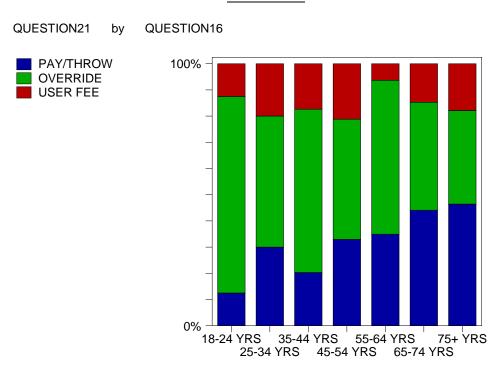
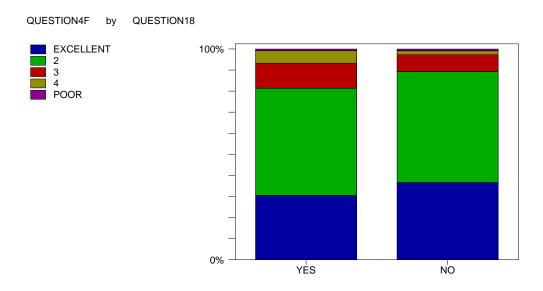


FIGURE 11



Finally, there is little difference between respondents with and respondents without children enrolled in Shrewsbury public schools and their the quality of their experience with the schools. More than 81 percent of the respondents with children in the schools have had an experience with the schools in the top two categories of the rating scale, compared with 89.3 percent of the respondents without children in the Shrewsbury public schools (Figure 12).

FIGURE 12



Conclusions

Overall, respondents expressed a high level of satisfaction with Town services, as well as a high regard for the quality of life in Shrewsbury. The Town services to which respondents give the consistently highest ratings are Ambulance, Fire, Police, Electrical, and Trash Collection. Although a majority of respondents supports raising taxes in some form to support Town services, the relatively large proportion of "No Opinion" responses prohibits firm conclusions. On the other hand, there is firmer support for funding trash collection in the future through general tax revenues even if that meant a Proposition 2½ override. Respondents also indicated a strong commitment to helping the Town of Shrewsbury meet new water conservation requirements.

APPENDIX 1: SURVEY CODEBOOK

The tables that follow provide the frequency distributions for each question from the survey questionnaire.

PRECINCT

Precinct number from first digit of ID number

RANGE: 1 to 9 Mean: 5.166

| PRECINCT | N | % |
|----------|-----|-------|
| 1 | 49 | 13.1 |
| 2 | 42 | 11.3 |
| 3 | 23 | 6.2 |
| 4 | 45 | 12.1 |
| 5 | 27 | 7.2 |
| 6 | 36 | 9.7 |
| 7 | 55 | 14.7 |
| 8 | 55 | 14.7 |
| 9 | 41 | 11.0 |
| TOTAL | 373 | 100.0 |

QUESTION 1

How do you rate Shrewsbury as a place to raise children?

RANGE: 1 to 5 Mean: 1.666

| | FREQ. | % |
|--------------|-------|-------|
| 1) EXCELLENT | 158 | 48.0 |
| 2) 2 | 137 | 41.6 |
| 3) 3 | 22 | 6.7 |
| 4) 4 | 10 | 3.0 |
| 5) POOR | 2 | 0.6 |
| TOTAL | 329 | 100.0 |

QUESTION 2

How do you rate Shrewsbury as a place to retire?

RANGE: 1 to 5 Mean: 2.548

| | FREQ. | % |
|--------------|-------|-------|
| 1) EXCELLENT | 66 | 21.9 |
| 2) 2 | 86 | 28.6 |
| 3) 3 | 90 | 29.9 |
| 4) 4 | 36 | 12.0 |
| 5) POOR | 23 | 7.6 |
| TOTAL | 301 | 100.0 |

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QUESTION 3

How do you rate the over all quality of life in Shrewsbury?

RANGE: 1 to 5 Mean: 1.893

| | FREQ. | % |
|--------------|-------|-------|
| 1) EXCELLENT | 124 | 33.9 |
| 2) 2 | 170 | 46.4 |
| 3) 3 | 60 | 16.4 |
| 4) 4 | 11 | 3.0 |
| 5) POOR | 1 | 0.3 |
| TOTAL | 366 | 100.0 |

QUESTION 4A

If you have used the following Town services in the last 5 years, how do you rate your experience with them? FIRE SERVICES

RANGE: 1 to 5 Mean: 1.386

| | FREQ. | % |
|--------------|-------|-------|
| 1) EXCELLENT | 97 | 69.3 |
| 2) 2 | 36 | 25.7 |
| 3) 3 | 4 | 2.9 |
| 4) 4 | 2 | 1.4 |
| 5) POOR | 1 | 0.7 |
| TOTAL | 140 | 100.0 |

QUESTION 4B

If you have used the following Town services in the last 5 years, how do you rate your experience with them? AMBULENCE SERVICES

RANGE: 1 to 5 Mean: 1.360

| | FREQ. | % |
|--------------|-------|-------|
| 1) EXCELLENT | 89 | 71.2 |
| 2) 2 | 30 | 24.0 |
| 3) 3 | 3 | 2.4 |
| 4) 4 | 3 | 2.4 |
| TOTAL | 125 | 100.0 |

8) QUESTION 4C

If you have used the following Town services in the last 5 years, how do you rate your experience with them? SNOW PLOWING

RANGE: 1 to 5 Mean: 2.151

| | FREQ. | % |
|-------------|-------|-------|
| 1)EXCELLENT | 92 | 26.7 |
| 2) 2 | 140 | 40.7 |
| 3) 3 | 85 | 24.7 |
| 4) 4 | 22 | 6.4 |
| 5) POOR | 5 | 1.5 |
| TOTAL | 344 | 100.0 |

9) QUESTION 4D

If you have used the following Town services in the last 5 years, how do you rate your experience with them? TRASH/YARD WASTE COLLECTION

RANGE: 1 to 5 Mean: 1.731

| | FREQ. | % |
|--------------|-------|-------|
| 1) EXCELLENT | 172 | 49.3 |
| 2) 2 | 125 | 35.8 |
| 3) 3 | 36 | 10.3 |
| 4) 4 | 6 | 1.7 |
| 5) POOR | 10 | 2.9 |
| TOTAL | 349 | 100.0 |

10) QUESTION 4E

If you have used the following Town services in the last 5 years, how do you rate your experience with them? ROAD MAINTENANCE

RANGE: 1 to 5 Mean: 2.500

| | FREQ. | % |
|--------------|-------|-------|
| 1) EXCELLENT | 49 | 13.9 |
| 2) 2 | 136 | 38.6 |
| 3) 3 | 122 | 34.7 |
| 4) 4 | 32 | 9.1 |
| 5) POOR | 13 | 3.7 |
| TOTAL | 352 | 100.0 |

11) QUESTION 4F

If you have used the following Town services in the last 5 years, how do you rate your experience with them? PUBLIC SCHOOLS

RANGE: 1 to 5 Mean: 1.876

| | FREQ. | % |
|--------------|-------|-------|
| 1) EXCELLENT | 77 | 33.0 |
| 2) 2 | 121 | 51.9 |
| 3) 3 | 24 | 10.3 |
| 4) 4 | 9 | 3.9 |
| 5) POOR | 2 | 0.9 |
| TOTAL | 233 | 100.0 |

12) QUESTION 4G

If you have used the following Town services in the last 5 years, how do you rate your experience with them? PARKS/RECREATION

RANGE: 1 to 5 Mean: 1.837

| | FREQ. | % |
|--------------|-------|-------|
| 1) EXCELLENT | 113 | 36.9 |
| 2) 2 | 141 | 46.1 |
| 3) 3 | 43 | 14.1 |
| 4) 4 | 7 | 2.3 |
| 5) POOR | 2 | 0.7 |
| TOTAL | 306 | 100.0 |

13) QUESTION 4H

If you have used the following Town services in the last 5 years, how do you rate your experience with them? CABLE TELEVISION

RANGE: 1 to 5 Mean: 1.842

| | FREQ. | % |
|--------------|-------|-------|
| 1) EXCELLENT | 157 | 44.2 |
| 2) 2 | 124 | 34.9 |
| 3) 3 | 53 | 14.9 |
| 4) 4 | 15 | 4.2 |
| 5) POOR | 6 | 1.7 |
| TOTAL | 355 | 100.0 |

14) QUESTION 4I

If you have used the following Town services in the last 5 years, how do you rate your experience with them? ELECTRICAL SERVICES

RANGE: 1 to 5 Mean: 1.664

| | FREQ. | % |
|--------------|-------|-------|
| 1) EXCELLENT | 178 | 50.3 |
| 2) 2 | 128 | 36.2 |
| 3) 3 | 37 | 10.5 |
| 4) 4 | 11 | 3.1 |
| TOTAL | 354 | 100.0 |

15) QUESTION 4J

If you have used the following Town services in the last 5 years, how do you rate your experience with them? POLICE SERVICES

RANGE: 1 to 5 Mean: 1.657

| | FREQ. | % |
|--------------|-------|-------|
| 1) EXCELLENT | 144 | 54.3 |
| 2) 2 | 83 | 31.3 |
| 3) 3 | 29 | 10.9 |
| 4) 4 | 3 | 1.1 |
| 5) POOR | 6 | 2.3 |
| TOTAL | 265 | 100.0 |

17) QUESTION 6

If you have lived in another town in the past 5 years, how would you rate Shrewsbury's services compared to those of you place of past residence?

RANGE: 1 to 5 Mean: 2.054

| | FREQ. | % |
|--------------|-------|-------|
| 1) EXCELLENT | 31 | 33.7 |
| 2) 2 | 35 | 38.0 |
| 3) 3 | 18 | 19.6 |
| 4) 4 | 6 | 6.5 |
| 5) POOR | 2 | 2.2 |
| TOTAL | 92 | 100.0 |

18) QUESTION 7A

How important are these services to you? Please rank the following services in order of importance from 1 (most important) to 10 (least important). FIRE SERVICES RANGE: 1 to 10

Mean: 2.985

| | FREQ. | % |
|-------|-------|-------|
| 1 | 105 | 30.7 |
| 2 | 87 | 25.4 |
| 3 | 70 | 20.5 |
| 4 | 17 | 5.0 |
| 5 | 13 | 3.8 |
| 6 | 11 | 3.2 |
| 7 | 10 | 2.9 |
| 8 | 8 | 2.3 |
| 9 | 11 | 3.2 |
| 10 | 10 | 2.9 |
| TOTAL | 342 | 100.0 |

19) QUESTION 7B

How important are these services to you? Please rank the following services in order of importance from 1 (most important) to 10 (least important). AMBULANCE SERVICES RANGE: 1 to 10

Mean: 3.859

| | FREQ. | % |
|-------|-------|-------|
| 1 | 93 | 27.3 |
| 2 | 37 | 10.9 |
| 3 | 56 | 16.4 |
| 4 | 53 | 15.5 |
| 5 | 17 | 5.0 |
| 6 | 17 | 5.0 |
| 7 | 19 | 5.6 |
| 8 | 15 | 4.4 |
| 9 | 11 | 3.2 |
| 10 | 23 | 6.7 |
| TOTAL | 341 | 100.0 |

20) QUESTION 7C

How important are these services to you? Please rank the following services in order of importance from 1 (most important) to 10 (least important). SNOW PLOWING RANGE: 1 to 10

Mean: 4.900

| | FREQ. | % |
|-------|-------|-------|
| 1 | 43 | 12.6 |
| 2 | 34 | 10.0 |
| 3 | 29 | 8.5 |
| 4 | 40 | 11.8 |
| 5 | 60 | 17.6 |
| 6 | 38 | 11.2 |
| 7 | 36 | 10.6 |
| 8 | 23 | 6.8 |
| 9 | 26 | 7.6 |
| 10 | 11 | 3.2 |
| TOTAL | 340 | 100.0 |

21) QUESTION 7D

How important are these services to you? Please rank the following services in order of importance from 1 (most important) to 10 (least important). TRASH/YARD WASTE COLLECTION

RANGE: 1 to 10 Mean: 4.678

| | FREQ. | % |
|-------|-------|-------|
| 1 | 67 | 19.8 |
| 2 | 35 | 10.4 |
| 3 | 33 | 9.8 |
| 4 | 29 | 8.6 |
| 5 | 29 | 8.6 |
| 6 | 47 | 13.9 |
| 7 | 35 | 10.4 |
| 8 | 29 | 8.6 |
| 9 | 15 | 4.4 |
| 10 | 19 | 5.6 |
| TOTAL | 338 | 100.0 |

22) QUESTION 7E

How important are these services to you? Please rank the following services in order of importance from 1 (most important) to 10 (least important). ROAD MAINTENANCE RANGE: 1 to 10

Mean: 5.372

| | FREQ. | % |
|-------|-------|-------|
| 1 | 37 | 10.9 |
| 2 | 23 | 6.8 |
| 3 | 28 | 8.3 |
| 4 | 27 | 8.0 |
| 5 | 51 | 15.0 |
| 6 | 49 | 14.5 |
| 7 | 46 | 13.6 |
| 8 | 41 | 12.1 |
| 9 | 23 | 6.8 |
| 10 | 14 | 4.1 |
| TOTAL | 339 | 100.0 |

23) QUESTION 7F

How important are these services to you? Please rank the following services in order of importance from 1 (most important) to 10 (least important). PUBLIC SCHOOLS RANGE: 1 to 10

Mean: 5.132

| | FREQ. | % |
|-------|-------|-------|
| 1 | 95 | 28.5 |
| 2 | 19 | 5.7 |
| 3 | 19 | 5.7 |
| 4 | 34 | 10.2 |
| 5 | 18 | 5.4 |
| 6 | 15 | 4.5 |
| 7 | 20 | 6.0 |
| 8 | 16 | 4.8 |
| 9 | 35 | 10.5 |
| 10 | 62 | 18.6 |
| TOTAL | 333 | 100.0 |

24) QUESTION 7G

How important are these services to you? Please rank the following services in order of importance from 1 (most important) to 10 (least important). POLICE SERVICES RANGE: 1 to 10

Mean: 3.474

| | FREQ. | % |
|-------|-------|-------|
| 1 | 92 | 26.9 |
| 2 | 82 | 24.0 |
| 3 | 51 | 14.9 |
| 4 | 18 | 5.3 |
| 5 | 19 | 5.6 |
| 6 | 20 | 5.8 |
| 7 | 18 | 5.3 |
| 8 | 22 | 6.4 |
| 9 | 10 | 2.9 |
| 10 | 10 | 2.9 |
| TOTAL | 342 | 100.0 |

25) QUESTION 7H

How important are these services to you? Please rank the following services in order of importance from 1 (most important) to 10 (least important). PARKS/RECREATION RANGE: 1 to 10

Mean: 6.958

| | FREQ. | % |
|-------|-------|-------|
| 1 | 21 | 6.3 |
| 2 | 28 | 8.4 |
| 3 | 17 | 5.1 |
| 4 | 12 | 3.6 |
| 5 | 24 | 7.2 |
| 6 | 18 | 5.4 |
| 7 | 24 | 7.2 |
| 8 | 40 | 12.0 |
| 9 | 68 | 20.4 |
| 10 | 82 | 24.6 |
| TOTAL | 334 | 100.0 |

26) QUESTION 7I

How important are these services to you? Please rank the following services in order of importance from 1 (most important) to 10 (least important). CABLE TELEVISION RANGE: 1 to 10

Mean: 6.509

| | FREQ. | % |
|-------|-------|-------|
| 1 | 30 | 8.8 |
| 2 | 28 | 8.2 |
| 3 | 16 | 4.7 |
| 4 | 11 | 3.2 |
| 5 | 29 | 8.5 |
| 6 | 32 | 9.4 |
| 7 | 36 | 10.6 |
| 8 | 43 | 12.6 |
| 9 | 48 | 14.1 |
| 10 | 67 | 19.7 |
| TOTAL | 340 | 100.0 |

27) QUESTION 7J

How important are these services to you? Please rank the following services in order of importance from 1 (most important) to 10 (least important). ELECTRICAL SERVICES RANGE: 1 to 10

Mean: 5.195

| | FREQ. | % |
|-------|-------|-------|
| 1 | 49 | 14.5 |
| 2 | 23 | 6.8 |
| 3 | 16 | 4.7 |
| 4 | 51 | 15.0 |
| 5 | 47 | 13.9 |
| 6 | 36 | 10.6 |
| 7 | 33 | 9.7 |
| 8 | 39 | 11.5 |
| 9 | 30 | 8.8 |
| 10 | 15 | 4.4 |
| TOTAL | 339 | 100.0 |

My preference would be to... taxes

RANGE: 1 to 4 Mean: 2.358

| | FREQ. | % |
|----------------------|-------|-------|
| 1) REDUCE | 80 | 22.9 |
| 2) RAISE to MAINTAIN | 131 | 37.5 |
| 3) RAISE to INCREASE | 71 | 20.3 |
| 4) NO OPINION | 67 | 19.2 |
| TOTAL | 349 | 100.0 |

29) QUESTION 9A

I feel I am getting my money's worth in the following town services for the taxes/charges I pay to the town of Shrewsbury. FIRE SERVICES

RANGE: 1 to 5 Mean: 1.559

| | FREQ. | % |
|----------------------|-------|-------|
| 1) STRONGLY AGREE | 146 | 59.6 |
| 2) 2 | 71 | 29.0 |
| 3) 3 | 22 | 9.0 |
| 4) 4 | 2 | 0.8 |
| 5) STRONGLY DISAGREE | 4 | 1.6 |
| TOTAL | 245 | 100.0 |

30) QUESTION 9B

I feel I am getting my money's worth in the following town services for the taxes/charges I pay to the town of Shrewsbury. AMBULANCE SERVICES

RANGE: 1 to 6 Mean: 1.519

| | FREQ. | % |
|-------------------|-------|-------|
| 1) STRONGLY AGREE | 128 | 62.1 |
| 2) 2 | 54 | 26.2 |
| 3) 3 | 19 | 9.2 |
| 4) 4 | 5 | 2.4 |
| TOTAL | 206 | 100.0 |

31) QUESTION 9C

I feel I am getting my money's worth in the following town services for the taxes/charges I pay to the town of Shrewsbury. SNOW PLOWING

RANGE: 1 to 5 Mean: 2.097

| | FREQ. | % |
|----------------------|-------|-------|
| 1) STRONGLY AGREE | 128 | 36.4 |
| 2) 2 | 105 | 29.8 |
| 3) 3 | 85 | 24.1 |
| 4) 4 | 25 | 7.1 |
| 5) STRONGLY DISAGREE | 9 | 2.6 |
| TOTAL | 352 | 100.0 |

32) QUESTION 9D

I feel I am getting my money's worth in the following town services for the taxes/charges I pay to the town of Shrewsbury. TRASH/YARD WASTE COLLECTION

RANGE: 1 to 5 Mean: 1.786

| | FREQ. | % |
|----------------------|-------|-------|
| 1) STRONGLY AGREE | 167 | 48.3 |
| 2) 2 | 113 | 32.7 |
| 3) 3 | 47 | 13.6 |
| 4) 4 | 11 | 3.2 |
| 5) STRONGLY DISAGREE | 8 | 2.3 |
| TOTAL | 346 | 100.0 |

33) QUESTION 9E

I feel I am getting my money's worth in the following town services for the taxes/charges I pay to the town of Shrewsbury. ROAD MAINTENANCE

RANGE: 1 to 5 Mean: 2.386

| | FREQ. | % |
|----------------------|-------|-------|
| 1) STRONGLY AGREE | 79 | 22.6 |
| 2) 2 | 116 | 33.1 |
| 3) 3 | 112 | 32.0 |
| 4) 4 | 27 | 7.7 |
| 5) STRONGLY DISAGREE | 16 | 4.6 |
| TOTAL | 350 | 100.0 |

34) QUESTION 9F

I feel I am getting my money's worth in the following town services for the taxes/charges I pay to the town of Shrewsbury. PUBLIC SCHOOLS

RANGE: 1 to 5 Mean: 2.028

| | FREQ. | % |
|----------------------|-------|-------|
| 1) STRONGLY AGREE | 101 | 40.9 |
| 2) 2 | 81 | 32.8 |
| 3) 3 | 37 | 15.0 |
| 4) 4 | 13 | 5.3 |
| 5) STRONGLY DISAGREE | 15 | 6.1 |
| TOTAL | 247 | 100.0 |

35) QUESTION 9G

I feel I am getting my money's worth in the following town services for the taxes/charges I pay to the town of Shrewsbury. PARKS/RECREATION

RANGE: 1 to 5 Mean: 2.145

| | FREQ. | % |
|----------------------|-------|-------|
| 1) STRONGLY AGREE | 96 | 31.7 |
| 2) 2 | 104 | 34.3 |
| 3) 3 | 77 | 25.4 |
| 4) 4 | 15 | 5.0 |
| 5) STRONGLY DISAGREE | 11 | 3.6 |
| TOTAL | 303 | 100.0 |

36) QUESTION 9H

I feel I am getting my money's worth in the following town services for the taxes/charges I pay to the town of Shrewsbury. CABLE TELEVISION

RANGE: 1 to 5 Mean: 1.991

| | FREQ. | % |
|----------------------|-------|-------|
| 1) STRONGLY AGREE | 148 | 42.8 |
| 2) 2 | 105 | 30.3 |
| 3) 3 | 54 | 15.6 |
| 4) 4 | 26 | 7.5 |
| 5) STRONGLY DISAGREE | 13 | 3.8 |
| TOTAL | 346 | 100.0 |

37) QUESTION 9I

I feel I am getting my money's worth in the following town services for the taxes/charges I pay to the town of Shrewsbury. ELECTRICITY SERVICES

RANGE: 1 to 5 Mean: 1.737

| | FREQ. | % |
|----------------------|-------|-------|
| 1) STRONGLY AGREE | 175 | 49.4 |
| 2) 2 | 112 | 31.6 |
| 3) 3 | 54 | 15.3 |
| 4) 4 | 11 | 3.1 |
| 5) STRONGLY DISAGREE | 2 | 0.6 |
| TOTAL | 354 | 100.0 |

38) QUESTION9J

I feel I am getting my money's worth in the following town services for the taxes/charges I pay to the town of Shrewsbury. POLICE SERVICES

RANGE: 1 to 5 Mean: 1.680

| | FREQ. | % |
|----------------------|-------|-------|
| 1) STRONGLY AGREE | 167 | 55.1 |
| 2) 2 | 88 | 29.0 |
| 3) 3 | 33 | 10.9 |
| 4) 4 | 8 | 2.6 |
| 5) STRONGLY DISAGREE | 7 | 2.3 |
| TOTAL | 303 | 100.0 |

39) QUESTION 10

WATER - How likely are you to assist the Town in meeting these new restrictions on the frequency of lawn and garden watering?

RANGE: 1 to 5 Mean: 2.003

| | FREQ. | % |
|------------------|-------|-------|
| 1) VERY LIKELY | 174 | 49.3 |
| 2) 2 | 75 | 21.2 |
| 3) 3 | 59 | 16.7 |
| 4) 4 | 19 | 5.4 |
| 5) VERY UNLIKELY | 26 | 7.4 |
| TOTAL | 353 | 100.0 |

40) QUESTION 11A

How interested are you in receiving each of the following devices?

LOW FLOW SHOWER HEADS

RANGE: 1 to 4 Mean: 2.065

| | FREQ. | % |
|-------------|-------|-------|
| 1) VERY | 136 | 38.2 |
| 2) SOMEWHAT | 79 | 22.2 |
| 3) NOT VERY | 123 | 34.6 |
| 4) D/K | 18 | 5.1 |
| TOTAL | 356 | 100.0 |

41) QUESTION 11B

How interested are you in receiving each of the following devices?

LOW FLOW FAUCET AERATORS

RANGE: 1 to 4 Mean: 1.943

| | FREQ. | % |
|-------------|-------|-------|
| 1) VERY | 147 | 42.0 |
| 2) SOMEWHAT | 97 | 27.7 |
| 3) NOT VERY | 85 | 24.3 |
| 4) D/K | 21 | 6.0 |
| TOTAL | 350 | 100.0 |

42) QUESTION 11C

How interested are you in receiving each of the following devices? RAIN BARRELS

RANGE: 1 to 4 Mean: 2.362

| | FREQ. | % |
|-------------|-------|-------|
| 1) VERY | 99 | 28.7 |
| 2) SOMEWHAT | 71 | 20.6 |
| 3) NOT VERY | 126 | 36.5 |
| 4) D/K | 49 | 14.2 |
| TOTAL | 345 | 100.0 |

43) QUESTION 11D

How interested are you in receiving each of the following devices?

OUTDOOR WATER CONSERVATION KITS

RANGE: 1 to 4 Mean: 2.189

| | FREQ. | % |
|-------------|-------|-------|
| 1) VERY | 120 | 34.4 |
| 2) SOMEWHAT | 91 | 26.1 |
| 3) NOT VERY | 90 | 25.8 |
| 4) D/K | 48 | 13.8 |
| TOTAL | 349 | 100.0 |

44) QUESTION 12A

The town of Shrewsbury may offer other opportunities to reduce water consumption. How interested are you in each of the following?

LOW WATER-CONSUMPTION APPLIANCE REBATES

RANGE: 1 to 4 Mean: 1.870

| | FREQ. | % |
|-------------|-------|-------|
| 1) VERY | 160 | 45.1 |
| 2) SOMEWHAT | 105 | 29.6 |
| 3) NOT VERY | 66 | 18.6 |
| 4) D/K | 24 | 6.8 |
| TOTAL | 355 | 100.0 |

45) QUESTION 12B

The town of Shrewsbury may offer other opportunities to reduce water consumption. How interested are you in each of the following?

LOW WATER-CONSUMPTION LANDSCAPING SEMINARS

RANGE: 1 to 4 Mean: 2.359

| | FREQ. | % |
|-------------|-------|-------|
| 1) VERY | 85 | 24.4 |
| 2) SOMEWHAT | 89 | 25.6 |
| 3) NOT VERY | 138 | 39.7 |
| 4) D/K | 36 | 10.3 |
| TOTAL | 348 | 100.0 |

How long have you lived in the Town of Shrewsbury?

RANGE: 1 to 5 Mean: 3.888

| | FREQ. | % |
|--------------|-------|-------|
| 1) < 2 YRS | 14 | 3.8 |
| 2) 2-5 YRS | 54 | 14.8 |
| 3) 6-10 YRS | 49 | 13.4 |
| 4) 11-20 YRS | 90 | 24.7 |
| 5) > 20 YRS | 158 | 43.3 |
| TOTAL | 365 | 100.0 |

47) QUESTION 14

Which category best describes your total household income during the past year from all sources before taxes?

RANGE: 1 to 5 Mean: 3.762

| | FREQ. | % |
|----------------|-------|-------|
| 1) < \$24,999 | 23 | 7.1 |
| 2) \$25-49,999 | 38 | 11.7 |
| 3) \$50-74,999 | 62 | 19.1 |
| 4) \$75-100000 | 71 | 21.9 |
| 5) > \$100000 | 130 | 40.1 |
| TOTAL | 324 | 100.0 |

48) QUESTION15

Are you Male or Female?

RANGE: 1 to 2 Mean: 1.545

| | FREQ. | % |
|-----------|-------|-------|
| 1) MALE | 163 | 45.5 |
| 2) FEMALE | 195 | 54.5 |
| TOTAL | 358 | 100.0 |

In what category is your age?

RANGE: 1 to 7 Mean: 4.282

| 1/100111 1/202 | | |
|----------------|-------|-------|
| | FREQ. | % |
| 1) 18-24 YRS | 11 | 3.0 |
| 2) 25-34 YRS | 32 | 8.8 |
| 3) 35-44 YRS | 73 | 20.2 |
| 4) 45-54 YRS | 93 | 25.7 |
| 5) 55-64 YRS | 73 | 20.2 |
| 6) 65-74 YRS | 41 | 11.3 |
| 7) 75+ YRS | 39 | 10.8 |
| TOTAL | 362 | 100.0 |

50) QUESTION17

What is the highest degree or level of school you have completed?

RANGE: 1 to 6 Mean: 4.660

| | FREQ. | % |
|---------------|-------|-------|
| 1) < 12TH | 1 | 0.3 |
| 2) HS DIPLOMA | 36 | 9.9 |
| 3) SOME COLL | 54 | 14.8 |
| 4) ASSOC DEGR | 36 | 9.9 |
| 5) BA/BS | 106 | 29.0 |
| 6) GRAD/PROF | 132 | 36.2 |
| TOTAL | 365 | 100.0 |

51) QUESTION18

Do you currently have children enrolled in the Shrewsbury school system?

RANGE: 1 to 2 Mean: 1.673

| | FREQ. | % |
|--------|-------|-------|
| 1) YES | 120 | 32.7 |
| 2) NO | 247 | 67.3 |
| TOTAL | 367 | 100.0 |

Paying for Trash Collection Options - Which of the following would you prefer?

RANGE: 1 to 3 Mean: 1.841

| | FREQ. | % |
|--------------|-------|-------|
| 1) PAY/THROW | 103 | 32.1 |
| 2) OVERRIDE | 166 | 51.7 |
| 3) USER FEE | 52 | 16.2 |
| TOTAL | 321 | 100.0 |

55) QUESTION22

What is your primary source of Town information?

RANGE: 1 to 7 Mean: 2.891

| | FREQ. | % |
|---------------------|-------|-------|
| 1) TOWN WEB | 40 | 12.1 |
| 2) TELEGRAM | 150 | 45.3 |
| 3) PUBLIC ACCESS TV | 40 | 12.1 |
| 4) CHRONICLE | 45 | 13.6 |
| 5) ADVOCATE | 30 | 9.1 |
| 6) RECORD | 15 | 4.5 |
| 7) RADIO | 11 | 3.3 |
| TOTAL | 331 | 100.0 |

APPENDIX 2:

REPORT PREPARATION AND ACKNOWLEDGMENTS

This report was prepared by members of the report preparation and presentation group: Kristin Cameron, Randa Duffy, Pusha Karim, Steve Koenig, Tim Mulvehill. The report preparers would like to thank all members of the Shrewsbury project team for their assistance: Matthew Altieri, Patricia Ammering, Kelli Blank, Daniel Braganca, Julie Cariglia, Sheetal Chodhari, Michael Cole, Leah Coleman, Brian Cook, Sian Gaetano, Ludmila Iliev, Anna Jolley, Laura Kaub, Sally Mahiti, Jennifer Majors, Sam Marcellus, Allison Osborn, Timothy Simokonis, Juan Turner, Sharon de Klerk. The survey team thanks all the personnel involved with the Town of Shrewsbury, including Dan Morgado, the town manager, and the co-managers of the project for the town, Mike Hale, assistant town manager, and Jackie Pratt, web administrator, for their support and cooperation. The entire survey team also thanks the Shrewsbury residents who invested their time and effort in completing and submitting questionnaires.

APPENDIX 3: SAMPLING ERROR

Using systematic random sampling, a sample of 1020 residents was drawn from the list of 18,955 registered voters in the town of Shrewsbury. The sampling procedure ensured every registered voter had an equal chance of being drawn by using a random start and selecting every 17th name on the registered voters list.

Sampling error always results from the process of selecting one unit over another from a population, instead of selecting the entire population. Although unavoidable, random sampling error's effect on the accuracy of the estimates obtained from sample surveys can be measured precisely. Sample size plays a crucial role in determining the accuracy of sample estimates since generally speaking greater accuracy is obtained through larger sample sizes.

With a total final sample of 373 responses, the margin of error for sample estimates included in the analyses contained in this report is no more +/- 5 percent at a 95 percent confidence level. This means that the survey team is 95 percent certain that the estimates obtained from responses to the survey are within 5 percent of what would be obtained if all 18,955 registered voters could have been surveyed. Where responses from the survey are heavily clustered on one or two categories of the answers to a question, as is the case for many of the items on the survey questionnaire, the accuracy will tend to be even better than +/- 5 percent.

APPENDIX 4: COVER LETTER

Dear Shrewsbury Resident,

As a registered voter in the Town of Shrewsbury, you have been selected as part of a scientific sample of Town citizens to offer your views about Town services and the quality of life in Shrewsbury. Your Town officials are very interested in learning more about what residents think about their Town and how to make it a better place to live. The Town of Shrewsbury has contracted with Clark University to conduct this survey. I would appreciate your taking a few minutes to complete the enclosed questionnaire. To maintain the integrity of the sample, only you as recipient of this mailing should complete the questionnaire.

The survey is completely voluntary. Your responses to the questions posed will remain completely anonymous. You may refuse to answer any question and you can stop answering questions at any time. All responses will be received, coded, and analyzed by Clark University, with a final report presented to the Town of Shrewsbury. No information identifying individuals is being collected, and at no time will individual responses be reported or shared. To further ensure the anonymity of all participants, the only identifying information on the questionnaire is the randomly selected ID number, used for data collection purposes only. It will not be linked in any way to your responses. This ID number is recorded on the enclosed questionnaire and serves as a password for respondents who choose to complete the questionnaire online.

If you have access to the Internet, Survey team strongly urge you to complete the questionnaire online. You can access it at http://www.shrewsbury-ma.gov/TownSurvey. To log on, please enter your ID number, answer all questions, and click on the submit button to submit your responses. It's as easy as that. If you would prefer to complete the paper version of the survey, please answer all questions in accord with the instructions on the questionnaire and return it in the enclosed postage-paid envelope.

To ensure timely processing of the questionnaire and completion of analysis to be of immediate use to the Town, please complete and submit the questionnaire by November 21, 2005. If you would like to speak to someone at the Town about the survey, please call the Town Manager's office (508-841-8508). If you would like to speak to the researchers about the survey, please call Professor Brian Cook, Professor of Government at Clark University (508-793-7155). I am grateful for your participation and your commitment to improving the Town for all its residents.

Sincerely,

Daniel Morgado Town Manager

APPENDIX 5: QUESTIONNAIRE TOWN OF SHREWSBURY CITIZEN SURVEY

[«F16»«F17»]

| TRUCTIONS: | your n | name or any nestionnaire | mpletely volue other identife by reading rections. | ication on the | ne question tion carefu | naire. Pleaso | e complete owing the |
|--------------------|-----------------|--|--|--|------------------------------------|---|----------------------|
| | envelo www.s | ppe provide shrewsbury led at the to | ed, or compley-ma.gov/Tov p of the quest analysis, ple | ete the surv vnSurvey. tionnaire. Ir | Vey on the Log in the order to in | Internet by using the Illustrate timely | going to D number |
| 1 How do you | ı rate S | hrewsbury | as a place to | raise child | ren? Chec | k only one b | OX. |
| Excellent | 1 | | | □ ₄ □ | 5 Poor | □ _{N/A} | |
| 2 How do you | ı rate S | hrewsbury | as a place to | retire? Ch | eck only or | ne box. | |
| Excellent | 1 | | \square 3 | □ ₄ □ | 5 Poor | □ _{N/A} | |
| | | | | | | | |
| 3 How do you | ı rate t | | quality of life | | oury? Che | | box. |
| Excellent \Box | 1 | □ 2 | \square 3 | □ ₄ □ | 5 Poor | □ N/A | |
| | | | ng Town ser | | ~ | | you rate yo |
| | | Excelle | | | | → Poor | No Experier |
| Fire Services | | 1 | 2 | 3 | 4 | 5 | N/E |
| Ambulance Services | vices | | | | | | |
| Snow Plowing | VICCS | | | | | | |
| Trash/yard wast | e collec | | П | П | | | |
| Road Maintenar | | | | | | | |
| Public Schools | | | П | | | П | |
| Parks/Recreation | n | | | | | | |
| Cable Television | n | | | | | | |
| Electrical Service | ces | | | | | | |
| Police Services | | | | | | | |
| 5 In the space | • | 1 1 1 | 4 11 1 1 0 | 1.1.61 | 1 0 | • 1 | aliava ia tha |

2005 Shrewsbury Citizen Survey - 38 -

| 6 If you have lived in an services compared to th | | _ | • | | • | · · | | | | |
|--|-----------------------------------|----------------------------|-----------------------------|--|------------------------|--------------------|--|--|--|--|
| Excellent 1 | | | | 5 Poor | □ _{N/A} | | | | | |
| | | | | | | | | | | |
| 7 How important are the | | | | | _ | | | | | |
| importance from 1 (most Fire Services | important) | , | t 1mportant) Public Scho | | number on | ly once. | | | | |
| Ambulance Services | | | Police Servi | | | | | | | |
| Snow Plowing | | | Parks/Recre | | | | | | | |
| Trash/yard waste collection Cable Television | | | | | | | | | | |
| Road Maintenance | | | | | | | | | | |
| 8 My preference would be | | | | | | | | | | |
| 1 Reduce taxes even if i 2 Raise taxes to maintai | | <u> </u> | - | | | rices | | | | |
| 3 Raise taxes to increase | | - | - | | | | | | | |
| 4 No Opinion | o the qualit | y, quartity (| 71 10 WH P10 | grams and | <u>ser vices</u> | | | | | |
| 1 | | | | | | | | | | |
| | | | | | | | | | | |
| 9 Please respond to the following Town service Check only one box for | es for the | taxes/charg | ges I pay to | | • | | | | | |
| following Town service Check only one box for | es for the | taxes/charg | ges I pay to | the Town | of Shrewsl | | | | | |
| following Town service Check only one box for | ces for the or each To | taxes/charg | ges I pay to | the Town | of Shrewsl | oury. | | | | |
| following Town service Check only one box for | ces for the or each To | taxes/char; wn service. | ges I pay to | the Town → Strong | of Shrewsl | No Experience | | | | |
| following Town service Check only one box for | ces for the or each To | taxes/chargement service. | ges I pay to | → Strong 4 | of Shrewsl ly Disagree | No Experience | | | | |
| following Town service Check only one box for Strong | ces for the or each To agly Agree | taxes/chargen service. | ges I pay to | → Strong 4 | ly Disagree | No Experience N/E | | | | |
| following Town service Check only one box for Strong Fire Services Ambulance Services | tes for the or each To agly Agree | taxes/chargen service. | 3 | → Strong 4 | ly Disagree 5 | No Experience N/E | | | | |
| Fire Services Ambulance Services Snow Plowing | tes for the or each To agly Agree | taxes/chargen service. | 3 | → Strong 4 □ | of Shrewsl | No Experience N/E | | | | |
| Fire Services Ambulance Services Snow Plowing Trash/yard waste collection | ees for the or each To egly Agree | taxes/chargeness service. | 3 | → Strong 4 □ □ □ □ | of Shrewsl | No Experience N/E | | | | |
| Fire Services Ambulance Services Snow Plowing Trash/yard waste collection Road Maintenance | tes for the or each To agly Agree | taxes/chargen service. | 3 | → Strong 4 □ □ □ □ □ | of Shrewsl | No Experience N/E | | | | |
| Fire Services Ambulance Services Snow Plowing Trash/yard waste collection Road Maintenance Public Schools | tes for the or each To agly Agree | taxes/chargen service. | 3 | → Strong 4 □ □ □ □ □ □ □ □ □ | of Shrewsl | No Experience N/E | | | | |
| Fire Services Ambulance Services Snow Plowing Trash/yard waste collection Road Maintenance Public Schools Parks/Recreation | tes for the or each To agly Agree | taxes/chargement service. | 3 | → Strong 4 □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ | of Shrewsl | No Experience N/E | | | | |

2005 Shrewsbury Citizen Survey - 3 -

| 10 Variation | can draw from Shrewsbury to Town is using 65 gallons of withese new residox. | n their impo 85 gal water j | r local water se new restrict llons of water per person, per ons on the fre | source etions per pe r day. equence | es on a daily on household erson per day. How likely a cy of lawn an | bas wa The | sis. This will ter use. Curre new restriction you to assist the arden watering | forcently as was ae Te g? | water localities the Town of on average the ill reduce that to own in meeting Check only one |
|--------------|--|--------------------------------------|---|---|--|------------------|--|-------------------------------|--|
| very | / likely | 1 | . 2 | | 3 | 4 | 5 | ve | ery unlikely |
| 11 | | r cons | umption. Ho | w inte | erested are ye | | | | veral devices for of the following |
| | | • | Very inter | | Somewhat Interested | | Not very Interested | | Don't know |
| Low | flow shower h | eads | | | | | | | □ 4 |
| Low | flow faucet ae | rators | | | | | | | □ 4 |
| Rain | barrels | | | | | | | | □ 4 |
| | Outdoor water conservation kits | | | | | | □ 3 | | □ 4 |
| 12 | The Town of interested are | | | | | | | cor | nsumption. How |
| | | | Very interest | ed S | Somewhat interested | | Not very interested | | Don't know |
| | water-consumiance rebates | ption | □ 1 | | \Box 2 | | □ 3 | | 4 |
| Low | water-consum scaping semina | • | □ 1 | | | Π 3 | | □ 4 | |
| | | | | | a (1) | 2 5 | | | |
| 13 | then 2 years | e you | lived in the To | own o | f Shrewsbury | ? C | heck only one | box. | ra than 20 waars |
| | j j | | 6-10 years | | | 11-20 years | | More than 20 years \Box 5 | |
| | 1 | | | | , | l | т | | |
| | Which categories sources before | • | • | | | inco | me during the | past | t year from all |
| | than \$24,999 | | 000-\$49,999 | | | | 5,000-\$100,000 | 000-\$100,000 More \$100 | |
| | | | | | □ 3 | | □ 4 | | □ 5 |
| | | <u> </u> | | | | | | | |
| 15 | Are you Male | e or F | emale? Check | c only | one box. | | Male 1 | | Female 2 |

2005 Shrewsbury Citizen Survey - 4 -

16 In what category is your age? Check only one box.

75+ years

18-24 years | 25-34 years | 35-44 years | 45-54 years | 55-64 years | 65-74 years

| | \Box 1 | \Box 2 | □ 3 | \Box 4 | □ ₅ | □ 6 | \Box 7 | | | | | | | | |
|------|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | |
| 12 | th grade o | r High Sch | ool Some c | ollege, A | ssociate's | Bachelor's | Graduate or | | | | | | | | |
| | less, no | diplom | a no de | egree | degree | degree | professional | | | | | | | | |
| (| diploma | | | | | | degree | | | | | | | | |
| | | | | 3 | \Box 4 | \Box 5 | \Box 6 | | | | | | | | |
| | 1 | | | | | | | | | | | | | | |
| 18 | 18 Do you currently have children enrolled in the Yes No | | | | | | | | | | | | | | |
| | • | • | stem? Check | | x. | | | | | | | | | | |
| | | | | • | | 1 | 2 | | | | | | | | |
| 19 | Are ther | e any needs r | ot being addr | essed that th | e Town of Sh | rewsbury shou | ıld consider? | | | | | | | | |
| | THE CHICK | . Curry recus i | ior boing addi | Cooca that th | | 10 Hobbilly billot | Compider | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 20 | Are then | e any service | s provided by | the Town of | Shrewsbury | that are not ne | eded? | | | | | | | | |
| | | - | | | - | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 21 | | | • | | | | abrator Millbury | | | | | | | | |
| | _ | _ | • | | | | | | | | | | | | |
| | - | • • • | | | • | | Inc. expires. It is highly unlikely that the Town will be able to absorb the increase in cost (\$36 to \$64 per ton, approximately \$360,000) within the tax levy. As a means of providing this | | | | | | | | |
| | | service, the Town will have to look at alternative funding options. Which of the following | | | | | | | | | | | | | |
| | would you prefer? Check only one box. | | | | | | | | | | | | | | |
| | | | | e box. | | | of the following | | | | | | | | |
| | 1 "Pay | as you throw" | which require | e box. s residents to | purchase tras | h bags (\$1-\$2 e | ach) at | | | | | | | | |
| | 1 "Pay selec | as you throw" eted locations i | which require n Town. This | s residents to s system is use | purchase tras | h bags (\$1-\$2 e er and Northbor | ach) at cough | | | | | | | | |
| | 1 "Pay selection 2 Over | as you throw" eted locations in ride "Proposition | which require n Town. This on 2 ½" to cov | s residents to s system is use yer the cost of | purchase trased in Worcesto the service, the | h bags (\$1-\$2 e er and Northbor nus retaining th | ach) at rough | | | | | | | | |
| _ | 1 "Pay select 2 Over dedu | as you throw" eted locations in ride "Proposition ctibility of the | which require n Town. This on 2 ½" to cover service. This | s residents to s system is use yer the cost of will increase | o purchase trased in Worceste the service, the tax rate by | h bags (\$1-\$2 eer and Northbornus retaining the 8.5 cents result | ach) at rough | | | | | | | | |
| _ | 1 "Pay select 2 Over dedu appro | as you throw" ted locations in the "Proposition of the oximately \$30 | which require n Town. This on 2 ½" to cover service. This increase to the | s residents to system is use yer the cost of will increase average ann | purchase trased in Worcester the service, the tax rate by | h bags (\$1-\$2 eer and Northbornus retaining the 8.5 cents resultax bill | ach) at rough | | | | | | | | |
| _ | 1 "Pay select 2 Over dedu appro | as you throw" ted locations in the "Proposition of the oximately \$30 | which require n Town. This on 2 ½" to cover service. This | s residents to system is use yer the cost of will increase average ann | purchase trased in Worcester the service, the tax rate by | h bags (\$1-\$2 eer and Northbornus retaining the 8.5 cents resultax bill | ach) at rough | | | | | | | | |
| | 1 "Pay select 2 Over dedu approx 3 User | as you throw" eted locations is ride "Propositi ctibility of the oximately \$30 fee charged to | which require n Town. This on 2 ½" to cover service. This increase to the each homeow | s residents to system is use yer the cost of will increase average ann ner for the ser | o purchase trased in Worcester the service, the tax rate by the tax rate by the tax rate by the tax rate of the tax rate of tax rate (not tax- | h bags (\$1-\$2 eer and Northbornus retaining the 8.5 cents resultax bill deductible) | ach) at rough | | | | | | | | |
| | 1 "Pay select 2 Over dedu appro 3 User What is | as you throw" eted locations is ride "Propositi ctibility of the oximately \$30 fee charged to your primary | which require n Town. This on 2 ½" to cove service. This increase to the each homeowy | s residents to system is used of will increase average annuar for the second of the se | purchase trased in Worcester the service, the tax rate by ual residential rvice (not tax- | h bags (\$1-\$2 ever and Northbornus retaining the state of | ach) at cough e tax ting in an | | | | | | | | |
| | 1 "Pay select 2 Over dedu approx 3 User What is | as you throw" ted locations is ride "Propositi ctibility of the oximately \$30 fee charged to your primary Worcester | which requires n Town. This ion 2 ½" to cove service. This increase to the each homeow. y source of Town. | s residents to system is use ver the cost of will increase average annuar for the second with | o purchase trased in Worcester The service, the tax rate by ual residential rvice (not tax- ion? Check of the community of th | th bags (\$1-\$2 ever and Northbornus retaining the 28.5 cents result tax bill deductible) The control of the co | ach) at rough | | | | | | | | |
| | 1 "Pay select 2 Over dedu appro 3 User What is Fown Survey | as you throw" eted locations is ride "Propositi ctibility of the oximately \$30 fee charged to your primary | which require n Town. This on 2 ½" to cove service. This increase to the each homeowy | s residents to system is used of will increase average annuar for the second with the second of the | o purchase trased in Worcester The service, the tax rate by ual residential rvice (not tax- ion? Check of the community of th | th bags (\$1-\$2 ever and Northbornus retaining the 28.5 cents result tax bill deductible) The control of the co | ach) at cough e tax ting in an | | | | | | | | |
| | 1 "Pay select 2 Over dedu approx 3 User What is | as you throw" ted locations is ride "Propositi ctibility of the oximately \$30 fee charged to your primary Worcester | which requires n Town. This ion 2 ½" to cove service. This increase to the each homeow. y source of Town. | s residents to system is use ver the cost of will increase average annuar for the second with | o purchase trased in Worcester The service, the tax rate by ual residential rvice (not tax- ion? Check of the community of th | th bags (\$1-\$2 ever and Northbornus retaining the 28.5 cents result tax bill deductible) The control of the co | ach) at cough e tax ting in an | | | | | | | | |
| 22 S | 1 "Pay select 2 Over dedu appro 3 User What is Fown Survey | as you throw" ted locations is ride "Propositi ctibility of the oximately \$30 fee charged to your primary Worcester | which requires n Town. This ion 2 ½" to cove service. This increase to the each homeow. y source of Town. | s residents to system is use ver the cost of will increase average annuar for the second with | o purchase trased in Worcester The service, the tax rate by ual residential rvice (not tax- ion? Check of the community of th | th bags (\$1-\$2 ever and Northbornus retaining the 28.5 cents result tax bill deductible) The control of the co | ach) at cough e tax ting in an | | | | | | | | |

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