

NORTH CAROLINA PARKS & RECREATION SERVICES STUDY

Focus on Finances



PARK & RECREATION FINANCES

fees
cost recovery
contracted services

STATEWIDE RECREATION BUDGETS

operating & capital expenditures



Table of Contents

INTRODUCTION	1
METHODS	2
RESULTS: SURVEY OF DEPARTMENTS	3
Section 1: Representation	3
Section 2: Parks and Recreation Finances	5
2.1 <i>Budget</i>	5
2.2 <i>Revenue</i>	8
2.3 <i>Scholarships</i>	11
2.4 <i>Cost Recovery</i>	12
Section 3: Capital Expenditures & Financing	14
3.1 <i>Capital Improvement Plan</i>	14
3.2 <i>Bond Referendums</i>	15
Section 4: Contracted Services for Youth Sports & Festivals	16
4.1 <i>Youth Sports</i>	16
4.2 <i>Festivals</i>	18
RESULTS: STATE BUDGET DATA	20
LIMITATIONS	28
APPENDICES	29
Appendix A: Mean and Median Values	30
Appendix B: MCPRSS Respondents	32
Appendix C: AFIR Respondents	40
Appendix D: Full Responses to Open-Ended Questions	58
Appendix E: Questionnaire	60

2021-2022 Municipal and County Parks and Recreation Services Study: Focus on Finances

Study conducted by [Recreation Resources Service](#) (RRS)

RRS is a technical assistance program for North Carolina (NC) parks and recreation providers offered through a cooperative partnership between NC Division of Parks and Recreation and NC State University Department of Parks, Recreation, and Tourism Management

INTRODUCTION

The Municipal and County Parks and Recreation Services Study (MCPRSS) annually assesses the status of local government parks and recreation departments in NC based on a number of rotating metrics. The goal of the MCPRSS is to provide data to parks and recreation agencies as well as local governments in NC as they evaluate current services to assist in budget planning, preparation, and justification for leisure services.

The MCPRSS for fiscal year 2021-22 marks the 72nd year of assessment for municipal leisure service providers and the 52nd year for county leisure service agencies. This year's survey aimed to review information related to fees, cost recovery, and use of private concessionaires – both overall and based on prosperity zone and population class. RRS hopes this study will assist managers and administrators in making informed decisions on the operation of their agencies and the delivery of leisure services to their communities.

RRS staff are available to provide more detailed reports from the raw data based on your agency's specific needs. For more information about this or previous studies please contact RRS or visit the RRS Library: <https://rrs.cnr.ncsu.edu/resource-library/>

Acknowledgment

The goal of this initiative is to provide a resource for enhancing leisure services delivery across our great state. The report's strength originates with the determined effort, detailed information, and meticulous reporting of the participating departments. RRS greatly appreciates the time and effort each department contributed to completing this survey.

METHODS

This survey was comprised of four major sections designed to collect financial information about departments. The first section examined the representation of departments who responded to the MCPRSS by department type, population class, and prosperity zone. The second section collected general information about parks and recreation finances, including cost recovery and departmental revenue. The third section collected information about capital expenditures and financing. The fourth section collected information about contracted services, such as those for youth sports and festivals. The full questionnaire follows this report (Appendix E).

In September 2022, a request to complete the questionnaire was emailed to 256 local government parks and recreation departments in NC via Qualtrics online survey software. Reminders were sent via Qualtrics and through RRS's regional consultants. Response collection was closed in October 2022. After removing largely incomplete and duplicate responses, a total of 60 usable responses were retained for analysis, which translates to a response rate of approximately 23%. Descriptive statistics were generated in Excel and the R statistical program and are reported here.

In addition to the personnel and salary data gathered in this survey, local government budget information from the NC Department of State Treasurer's Annual Financial Information Report (AFIR) is also reported here. These data were downloaded on 10 November 2022 and apply for the 12-month period ending 30 June 2021. Although all units of local governments are required to submit a statement of financial information by 31 October of each year, 88 (88%) of 100 counties and 429 (78%) of 552 municipalities have reported to this AFIR. This year's and past reports may be generated here: <https://www.nctreasurer.com/state-and-local-government-finance-division/local-government-commission/financial-analysis-tools-and-reports>

RESULTS: SURVEY OF DEPARTMENTS

Section 1: Representation

To contextualize the data, statewide summary statistics on department type (county, municipal, or combination), population class, and prosperity zone are provided alongside respondent statistics. A summary of respondents by department type is displayed in Table 1. There was only one combination department (Madison-Mayodan Recreation Commission) that responded to this year’s study, and was considered a municipal department for the purposes of these analyses.

Table 1. Department type across NC and in M CPRSS.

Department Type	Statewide (N)	Respondents (n)	Response Rate (%)
All types	256	60	23
Combination	6	0	0
County	78	17	22
Municipal	172	43	25

Population classes are derived from categories used by the US Census Bureau and regional planning agencies. A department’s population class is determined by the size of the population served. The classes are broken up according to the criteria in Table 2.

Table 2. Departments by population class across NC and in M CPRSS.

Population Class	Population Served	Departments Statewide (N)	Respondents (n)	Response Rate (%)
A	100,000 and up	31	9	29
B	50,000 to 99,999	28	10	36
C	25,000 to 49,999	41	10	24
D	10,000 to 24,999	55	14	26
E	5,000 to 9,999	33	9	27
F	4,999 and under	68	8	12

The NC Department of Commerce delineates Prosperity Zones. These eight Economic Prosperity Zones are administrative regions established to offer better collaboration between state and local agencies in an effort to enhance communication and interaction for constituents. Areas of specialty range from transportation and environmental topics to

workforce development and community planning. Additional information may be found at nccommerce.com/about-us/nc-prosperity-zones.

These zones are used to represent geographic regions by many funding agencies, including a measure of geographic distribution for the NC Parks and Recreation Authority when awarding Parks and Recreation Trust Fund (PARTF) grants. We applied these regional boundaries to make geographic comparisons of M CPRSS data. While there are exceptions where departments offer services across prosperity zone boundaries, we have assigned every department to one zone (Table 3). The distribution of public parks and recreation departments in relationship to prosperity zones is represented in Figure 1.

Table 3. Departments by prosperity zone across NC and in M CPRSS.

Prosperity Zone	Departments Statewide (N)	Respondents (n)	Response Rate (%)
North Central	49	14	29
Northeast	22	3	14
Northwest	24	6	25
Piedmont-Triad	36	7	19
Sandhills	24	5	21
Southeast	34	12	35
Southwest	40	10	25
Western	25	3	12

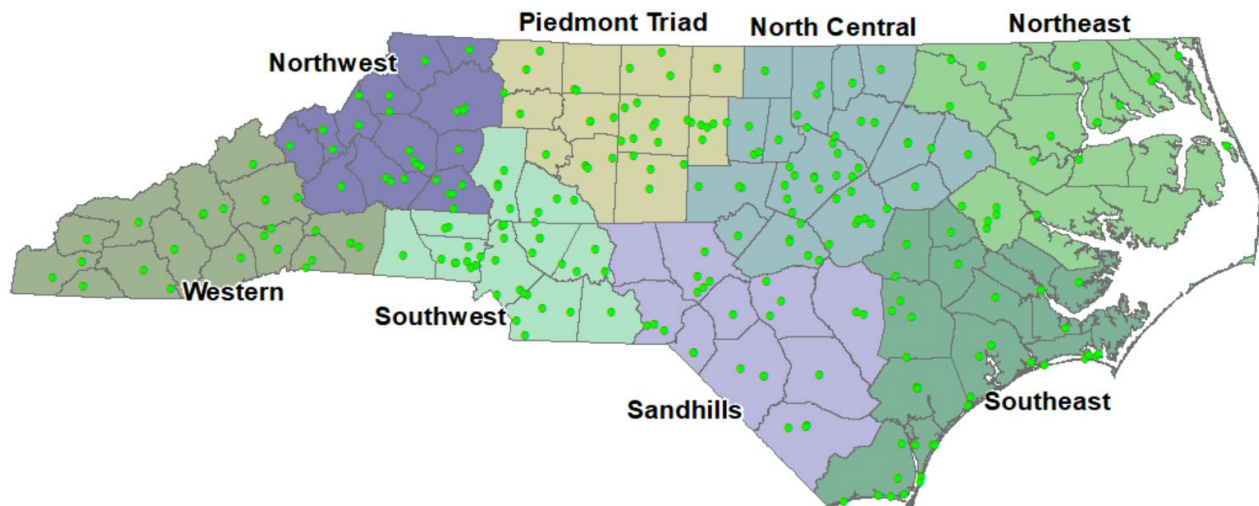


Figure 1: NC Economic Prosperity Zones and public parks and recreation departments.

Section 2: Parks and Recreation Finances

The following section provides information on a broad range of measures regarding parks and recreation finances including total budget, operating budget, capital budget, revenue, scholarships, and cost recovery. Where there were sufficient responses, breakdowns of these categories by department type, prosperity zone, and population class are provided. Mean and median statistics are provided in each case. However, due to a few key outliers, mean statistics are skewed and **median may present a better measure of central tendency** (see Appendix A). For example, the budgets for some large municipal departments (e.g. Raleigh, Cary) are substantially higher than other departments within the state.

2.1 Budget

The following tables present mean and median values for total budgets of all responding departments across NC.

Table 4: Mean total budget, operating budget, and capital budget for responding parks and recreation departments across NC.¹

Mean Budget (\$)	Mean Operating (\$)	Mean Capital (\$)
3,650,865	2,723,135	892,564

¹Mean values are skewed due to the presence of a few key outliers in the dataset.

Table 5: Median total budget, operating budget, and capital budget for responding parks and recreation departments across NC.

Median Budget (\$)	Median Operating (\$)	Median Capital (\$)
1,344,045	994,495	120,849

The tables below present budget data organized by department type.

Table 6: Mean total budget, operating budget, and capital budget for responding parks and recreation departments across NC, organized by department type.¹

Department Type	Mean Budget (\$)	Mean Operating (\$)	Mean Capital (\$)
County	1,792,889	1,247,899	463,862
Municipal	4,421,246	3,334,819	1,074,762

¹Mean values are skewed due to the presence of a few key outliers in the dataset.

Table 7: Median total budget, operating budget, and capital budget for responding parks and recreation departments across NC, organized by department type.

Department Type	Median Budget (\$)	Median Operating (\$)	Median Capital (\$)
County	874,955	629,198	104,000
Municipal	1,551,240	1,201,840	148,572

The data suggest that municipal departments tend to have higher operating, capital, and total budgets than county departments (Table 6, 7). When examining the total budget, the data suggest that the percentage of total budget dedicated to capital expenditures is similar between county and municipal agencies, with county agencies slightly higher.

The following tables present budget data organized by population class. Refer to Table 2 above for the population ranges for each population class.

Table 8: Mean total budget, operating budget, and capital budget for responding parks and recreation departments across NC, organized by population class.¹

Population Class	Mean Budget (\$)	Mean Operating (\$)	Mean Capital (\$)
A	12,759,159	9,928,363	3,789,388
B	4,261,193	2,407,849	305,035
C	2,357,645	1,957,181	953,354
D	1,577,382	1,286,106	256,443
E	794,088	543,885	104,757
F	581,371	483,227	30,892

¹Mean values are skewed due to the presence of a few key outliers in the dataset.

Table 9: Median total budget, operating budget, and capital budget for responding parks and recreation departments across NC, organized by population class.

Population Class	Median Budget (\$)	Median Operating (\$)	Median Capital (\$)
A	2,200,000	2,000,000	493,942
B	2,290,342	1,088,192	111,800
C	1,902,669	1,451,366	346,860
D	1,525,987	1,242,143	155,000
E	851,340	491,984	43,000
F	506,844	365,709	17,000

Not surprisingly, total budget tends to increase in tandem with population group (Table 8, 9). Agencies serving smaller population size have a lower percentage of their budget dedicated to capital expenditures. Keep in mind that only 12% of agencies representing the smallest communities (Class F) responded to this survey. See the AFIR data results (page 15) for a per capita representation of expenditures.

The following tables present budget data organized by prosperity zone. Refer to Figure 1 above for a map showing the distribution of departments within prosperity zones.

Table 10: Mean total budget, operating budget, and capital budget for responding parks and recreation departments across NC, organized by prosperity zone.¹

Prosperity Zone	Mean Budget (\$)	Mean Operating (\$)	Mean Capital (\$)
North Central	8,723,165	7,065,507	2,540,433
Northeast	466,163	322,364	58,209
Northwest	1,190,877	699,772	103,541
Piedmont-Triad	2,161,816	2,097,281	227,853
Sandhills	1,841,144	1,492,663	286,257
Southeast	2,674,180	1,602,995	250,943
Southwest	2,104,481	1,709,765	838,561
Western	4,812,125	1,514,646	222,762

¹Mean values are skewed due to the presence of a few key outliers in the dataset.

Table 11: Median total budget, operating budget, and capital budget for responding parks and recreation departments across NC, organized by prosperity zone.

Prosperity Zone	Median Budget (\$)	Median Operating (\$)	Median Capital (\$)
North Central	1,469,000	1,372,900	270,360
Northeast	478,905	318,842	6,626
Northwest	1,110,314	485,540	111,800
Piedmont-Triad	1,043,242	1,004,269	50,960
Sandhills	1,551,240	1,242,143	45,363
Southeast	1,211,205	843,810	121,500
Southwest	1,717,924	1,476,977	312,322
Western	904,900	459,900	222,762

The southwest, sandhills, and north central prosperity zones reported the highest budgets, whereas northeast and western prosperity zones were among the lowest (Table 10, 11). However, only three (3) agencies each in the northeast and western zones responded to the survey for a 12% and 14% response rate respectively.

2.2 Revenue

The following section reports several types of revenue for responding departments across NC including total revenue, general fund revenue, revenue from program fees, concessions, and facility use charges. Where there were sufficient responses, breakdowns of these categories by department type, prosperity zone, and population class are provided. Mean and median statistics are provided in each case. However, due to a few key outliers, mean statistics are skewed and **median may present a better measure of central tendency** (see Appendix A). For example, the revenues for some large municipal departments (e.g. Raleigh, Cary) are substantially higher than other departments within the state.

The tables below report mean and median total revenue, general fund revenue, revenue from program fees, concessions, and facility use charges for all responding departments across NC.

Table 12: Mean total revenue, general fund revenue, revenue from program fees, concessions, and facility use charges for responding parks and recreation departments across NC.¹

Mean Total Revenue (\$)	Mean General Fund Revenue (\$)	Mean Revenue from Programs Fees (\$)	Mean Revenue from Concessions (\$)	Mean Facility Use Charges (\$)
774,321	1,758,999	299,058	32,864	155,657

¹Mean values are skewed due to the presence of a few key outliers in the dataset.

Table 13: Median total revenue, general fund revenue, revenue from program fees, concessions, and facility use charges for responding parks and recreation departments across NC.

Median Total Revenue (\$)	Median General Fund Revenue (\$)	Median Revenue from Programs Fees (\$)	Median Revenue from Concessions (\$)	Median Facility Use Charges (\$)
200,000	577,320	94,574	2,035	20,000

The tables below report mean and median total revenue, general fund income, revenue from program fees, concessions, and facility use charges for all responding departments across NC, organized by department type.

Table 14: Mean total revenue, general fund revenue, revenue from program fees, concessions, and facility use charges for responding parks and recreation departments across NC, organized by department type.¹

Department Type	Mean Total Revenue (\$)	Mean General Fund Income (\$)	Mean Revenue from Programs Fees (\$)	Mean Revenue from Concessions (\$)	Mean Facility Use Charges (\$)
County	210,342	650,162	61,993	22,663	55,038
Municipal	1,018,203	2,174,813	385,982	38,532	197,293

¹Mean values are skewed due to the presence of a few key outliers in the dataset.

Table 15: Median total revenue, general fund income, revenue from program fees, concessions, and facility use charges for responding parks and recreation departments across NC, organized by department type.

Department Type	Median Total Revenue (\$)	Median General Fund Income (\$)	Median Revenue from Programs Fees (\$)	Median Concessions (\$)	Median facility use charges (\$)
County	58,650	712,441	30,640	1,410	14,365
Municipal	217,592	577,320	142,050	5,417	20,425

For every category (except median general fund), municipal departments reported higher revenues than county departments (Table 14, 15).

The tables below report mean and median total revenue for all responding departments across NC, organized by population class and prosperity zone. These findings should be interpreted with caution, due to a low response rate within each population class (see Table 2 above) and each prosperity zone (see Table 3 above).

Table 16: Mean¹ and median total revenue for responding parks and recreation departments across NC, organized by population class.

Population class	Mean Revenue (\$)	Median Revenue (\$)
A	2,107,963	220,000
B	1,040,048	549,300
C	840,686	349,000
D	214,833	200,000
E	118,305	122,780
F	320,787	223,932

¹Mean values are skewed due to the presence of a few key outliers in the dataset.

Surprisingly, median revenue for the lowest population class (F) was higher than the median revenue for the highest population class (A) as well as population classes E & D (Table 16). However, this finding should be interpreted with caution due to a low sample size and response rate.

Table 17: Mean¹ and median total revenue for responding parks and recreation departments across NC, organized by population class.

Prosperity Zone	Mean Revenue (\$)	Median Revenue (\$)
North Central	1,884,163	185,450
Northeast	29,387	29,387
Northwest	114,304	102,608
Piedmont-Triad	1,087,648	174,504
Sandhills	220,074	101,843
Southeast	246,005	257,663
Southwest	418,796	244,210
Western	642,468	438,039

¹Mean values are skewed due to the presence of a few key outliers in the dataset.

In terms of median revenue, the western prosperity zone had a substantially higher revenue than the other zones. The northeast prosperity zone had a substantially lower revenue than the other zones

(Table 17). However, these findings should be interpreted with caution due to a low sample size and response rate.

2.3 Scholarships

The following section provides basic information regarding need-based scholarships offered by responding departments. Agencies often seek to provide scholarships for low-income residents to ensure all citizens have an opportunity to participate regardless of family income. Figure 1 below shows the percentage of responding departments that offer need-based scholarships, with approximately half of responding departments offering this type of assistance.

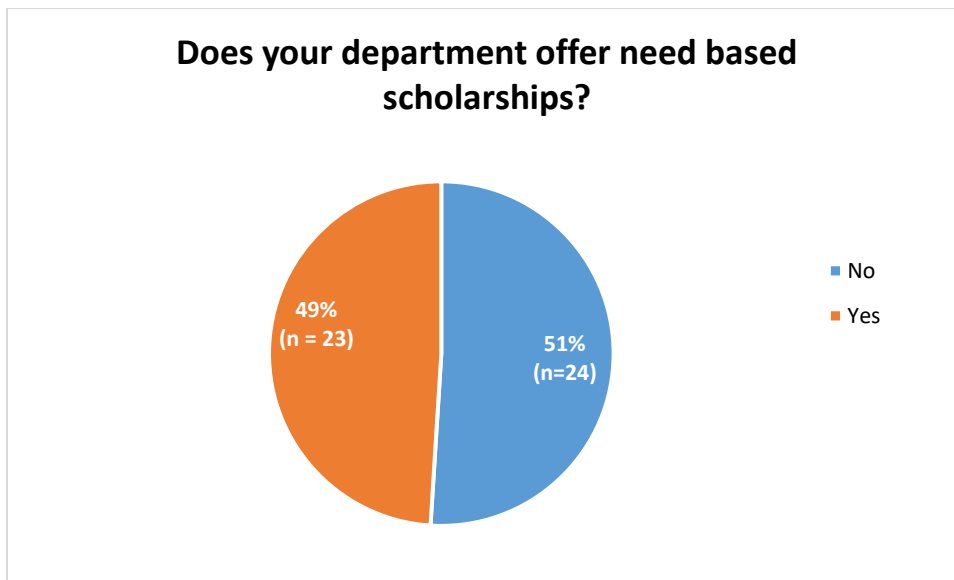


Figure 2: Percentage of responding departments offering need-based scholarships

The table below presents the total amount of need-based scholarships offered by responding departments, summarized as mean and median values. Due to the presence of a couple of major outliers, median scholarship is likely a more accurate representation of scholarship amount offered.

Table 18: Mean¹ and median total amount of need-based scholarships for responding parks and recreation departments across NC (n = 18).

Mean Scholarships (\$)	Median Scholarships (\$)
\$8,068.67	\$947.5

¹Mean values are skewed due to the presence of a few key outliers in the dataset.

Note that the survey did not solicit information about the demand for, or total amount of assistance requested. This leaves room for additional inquiry in future studies. Additionally, identification of program areas for such requests (e.g., membership, youth sports, classes) can further elucidate the availability of participation to all populations.

Sources of scholarships for responding parks and recreation departments within NC: “What is the fund source for these scholarships? (e.g. general, gifts, etc.)” included common answers such as general fund, donations, gifts, and external non-profits. A full list of responses can be found in Appendix D (Table I).

2.4 Cost Recovery

The following section reports cost recovery. More local government agencies are asked by elected officials to improve cost recovery efforts. We asked respondents to share their goals for cost recovery. Breakdowns are provided by department type. There were not sufficient responses to provide breakdowns by prosperity zone or population class. Mean and median statistics are provided in each case.

The table below provides mean and median percent cost recovery of operating budget across all responding departments in NC.

Table 19: Mean percentage of total cost recovery of operating budget across responding departments in NC (n = 37).

Mean Cost Recovery (%)	Median Cost Recovery (%)
21	15

The table below shows mean and median sources of cost recovery organized by percent of total cost recovery. For example, on average, 21% of total cost recovery for responding departments was from fees and 45% was from programming. The other categories we collected responses from were festivals, memberships, and an ‘other’ category where respondents could specify an amount and where the cost recovery came from. However, the response rate was too low for these categories to calculate summary statistics (e.g., mean and median).

Table 20: Mean and median percentage source of total cost recovery of operating budget across responding departments in NC.

Source	Mean Cost Recovery (%)	Median Cost Recovery (%)
Fees	21	11
Programs	45	16

The tables below display mean and median cost recovery by department type and sources of cost recovery by department type.

Table 21: Mean percentage of total cost recovery across responding departments in NC by department type.

Department Type	Mean Cost Recovery (%)	Median Cost Recovery (%)
County	13	7
Municipality	25	19

In terms of both mean and median cost recovery, municipal departments reported higher cost recovery than county departments (Table 21). Typically, municipal departments in North Carolina offer more programmatic opportunities than County departments. Therefore, we assume a higher level of fees for programs.

Table 22: Mean percentage of sources of cost recovery across responding departments in NC by department type.

Department Type	Fees (%)	Programs (%)
County	11	85
Municipal	25	33

Table 23: Median percentage of sources of cost recovery across responding departments in NC by department type.

Department Type	Fees (%)	Programs (%)
County	4	12
Municipal	14	25

We also asked departments if they were required to have a percentage of their operating budget recovered. Of 44 responses to the question “Are you required by your local government to have a certain % of your operating budget recovered through fees and charges?”, only one department answered yes (~2% of the sample).

Section 3: Capital Expenditures & Financing

In this section, we provide information about capital improvement plans and bond referendums. A capital improvement plan (CIP) for this study is defined as a multi-year plan that lists all the capital expenditures for all park and recreation projects that a local government has approved for funding and scheduled in the near future. The plan is typically a component of the local government’s regular budget cycle.

3.1 Capital Improvement Plan

Figure 3 below shows the percentage of departments who indicated that they had a capital improvement plan. Of 44 responses to the question, 36 departments answered yes (82% of the sample).

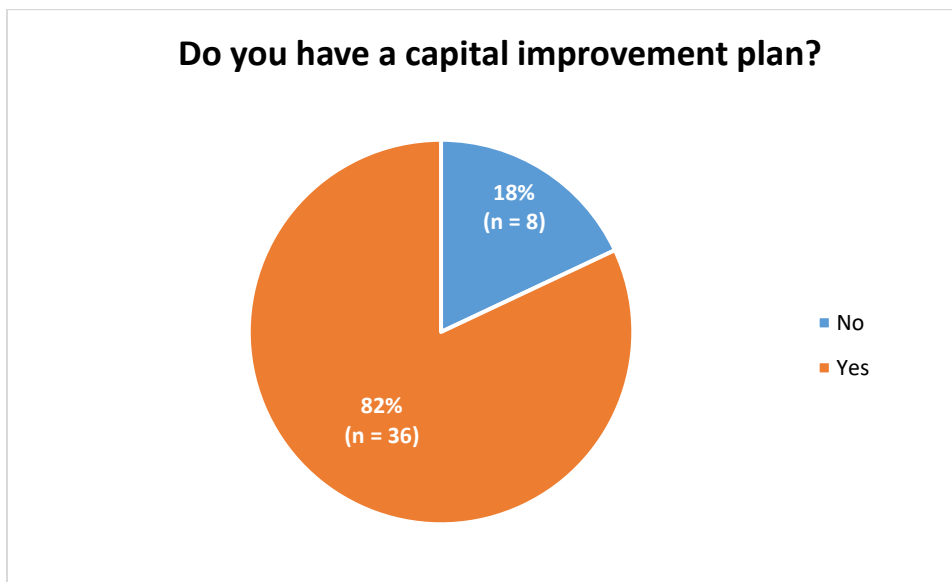


Figure 3: Percentage of responding departments indicating that they have a capital improvement plan.

The following tables provides a breakdown of the different types of capital improvement that responding departments reported. Percentages indicate the percentage of total respondents who reported each type of capital improvement. For instance, 36 of 60 total respondents (60%) reported park improvements.

Table 24: Percentage of type of capital improvement across all responding departments in NC.

Park Improvements	Land Purchases	Vehicles	Other
36 (60%)	15 (25%)	20 (33%)	19 (32%)

Common responses that departments provided for the “other” category in the table above (table 24) include building renovations, new park developments, and trail improvements. A full list of responses is available in Appendix D (Table II). We noted that many of the items listed as “other” can fall into the category of park improvements.

3.2 Bond Referendums

In this section, we asked departments about their current recreation bonds and plans to put future bonds on the ballot. To meet capital expenditure needs, a local government works through the public voting process to gather support through a bond referendum.

Of 44 responses to the question: “Does your department have an approved recreation-focused bond that you are currently able to spend?” 5 departments answered yes (11% of the sample).

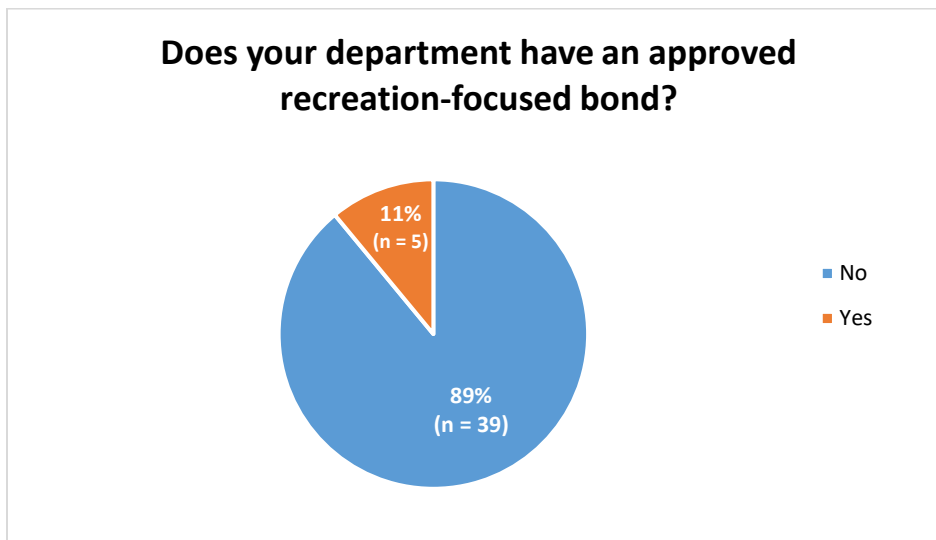


Figure 4: Percentage of responding departments indicating that they have a recreation focused bond that they are currently able to spend.

Of 39 responses to the question: “Do you plan to put a recreation-focused bond on the ballot in the next 5 years?” 8 departments answered yes (21% of the sample).

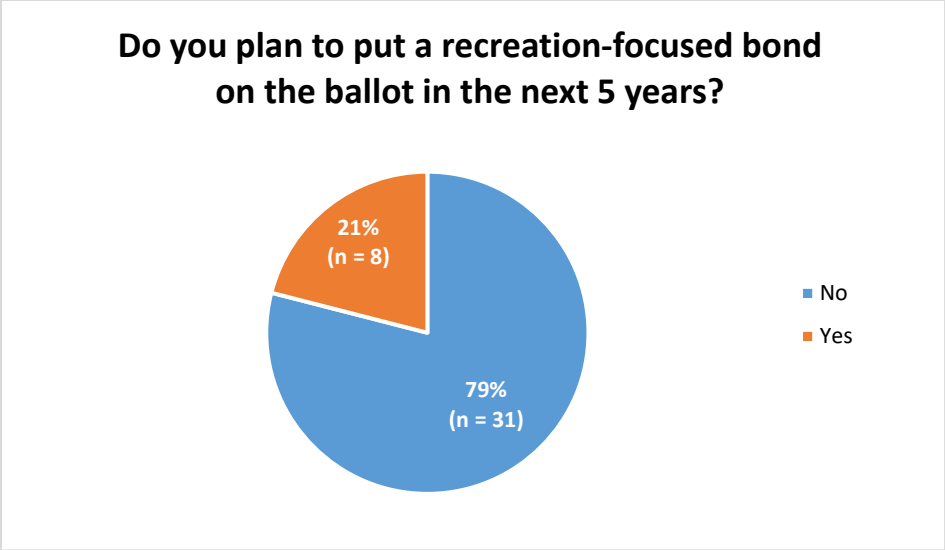


Figure 5: Percentage of responding departments indicating that they plan to put a recreation-focused bond on the ballot in the next 5 years.

Section 4: Contracted Services for Youth Sports & Festivals

In this section, we asked departments to report how youth sports and festivals are managed within their jurisdiction, with a focus on the use of private associations to help with these functions.

4.1 Youth Sports

The figure below displays a percentage breakdown among responding departments of how youth sports are managed within their jurisdiction. A majority of responding departments (53%) report that they use a mix of private associations and local government to manage youth sports leagues.

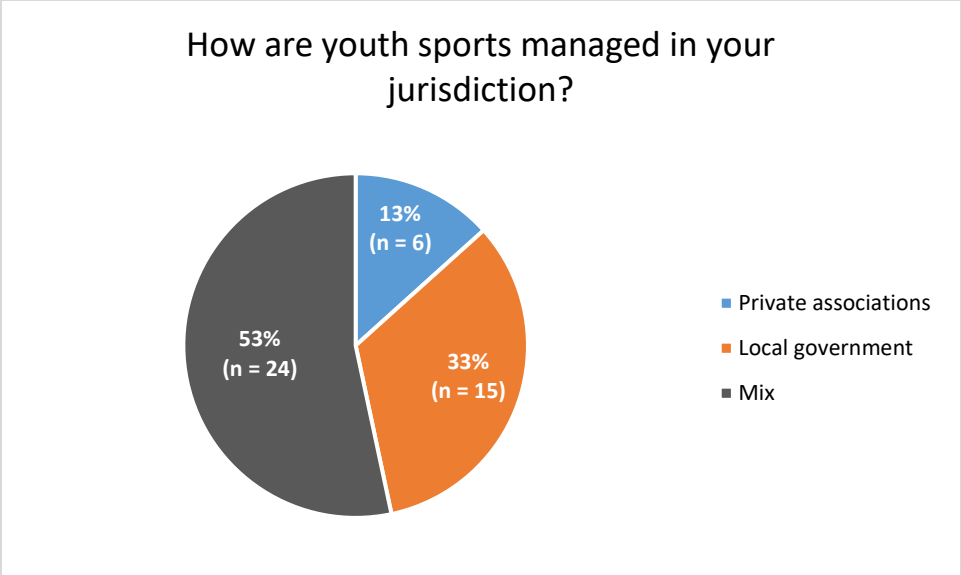


Figure 6: Percentage breakdown of how youth sports are managed among responding departments.

To better understand contracted services or youth sports agreements, we asked respondents to explain in detail how youth sports are managed in their jurisdiction. Most responses indicated that youth sports were co-managed by some combination of government associations, non-profits, and private groups. A full list of responses can be found in Appendix D (Table III).

The table below displays the mean and median cost recovery from youth sports among responding departments. Note that mean and median cost recovery for operating budgets were similar with 21% and 15% , respectively.

Table 25: Mean and median percentage of cost recovery from youth sports reported by responding recreation departments (n = 30) in NC.

Mean Cost Recovery	Median Cost Recovery
24%	10%

4.2 Festivals

In this section, we asked departments whether or not they managed a festival, the cost of the festival (if applicable), whether or not they contracted with a private association for the festival, and if so, what functions that private entity fulfilled. Associated costs included marketing the festival, planning the festival, plus an open ended option for respondents to list other costs.

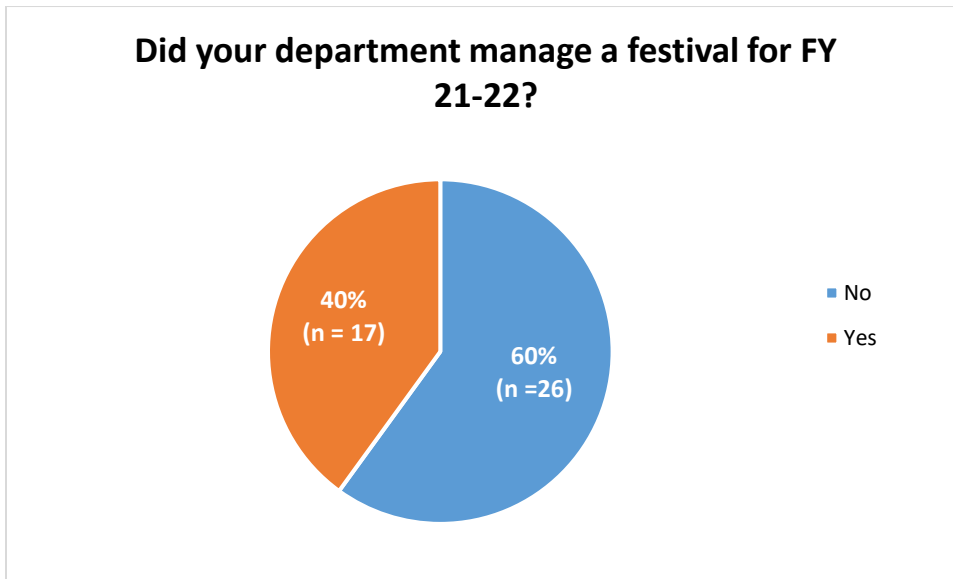


Figure 7: Percentage of responding departments reporting that they managed a festival in FY21-22

The table below shows the mean and median cost of festivals for those departments who responded.

Table 26: Mean and median festival costs of responding recreation departments in NC (n = 17).

Mean Festival Cost (\$)	Median Festival Cost (\$)
72,344	26,300

Of the 17 responses to the question: "Did you contract out any work associated with the festival to an outside organization?" 7 departments responded yes (41% of responses, Figure 8).



Figure 8: Percentage of responding departments that reported contracting out work to an outside organization

Finally, we asked parks and recreation directors to list all of the functions for the festival associated with the private organization that they contracted with. Responses included:

- Fireworks, local vendors
- Sound production and lighting
- Entertainment/Stages/Porta Johns/Lights/Barricades etc..
- Craft vendor selection, parking

RESULTS: STATE BUDGET DATA

Budget data were selected from the North Carolina Department of State Treasurer's Annual Financial Information Report (AFIR). Anyone interested may generate a report of North Carolina county and municipal financial information through the state treasurer's website (<https://logos.nctreasurer.com/Reporting/Report/External?applicationCode=AFIR>). For this report, the following line items were taken from the AFIR for all reporting government units statewide:

- Parks and Recreation-Operating
- Sales and Service for Park and Rec - including parks, golf, tennis, football, basketball, rec courses, etc.
- Parks and Recreation-Capital Outlay Construction
- Parks and Recreation-Capital Outlay Purchase

These data are valid for the twelve-month period ending 30 June 2021. These data are reported by government units (i.e., municipalities and counties), **not** parks and recreation departments. Thus, **these data do not represent the same population or places as those represented in the previous results of this report.** Appendix C shows each government unit in the state, whether that unit responded to the AFIR, and each unit's government type (municipality or county), population class, and prosperity zone. Populations of reporting municipalities that fall within reporting counties were not included when calculating population estimates statewide or total per capita spending estimates statewide to avoid double-counting individuals. In essence, some individuals are captured within both a municipality and a county population estimate. Thus, when calculating total populations and total per capita estimates, it would be inaccurate to include these double-counted individuals as population represented. Consider, for instance, that the total population represented by both counties and municipalities including double-counted individuals is approximately 15 million, which is about 5 million over the total population of North Carolina. However, these individuals were included when calculating the per capita estimates of municipalities or counties separately, where this problem did not arise.

To contextualize the data, summary statistics of respondents have been provided based on government unit type, population class (as defined above), and prosperity zone. These data represent 88% (n=88) of counties and 78% (n=429) of municipalities across the state, and they represent about 10 million residents, which is approximately 95% of the statewide population.

Table 27. Response to AFIR and population representation by government unit type.

Government Unit Type	Units Statewide (N)	Respondents (n)	Response Rate (%)	Population Represented
County	100	88	88	9,946,650
Municipality	550	429	78	5,700,272
Total	650	517	80	10,035,223

¹The total does not equal the sum of county and municipality populations because the majority of NC residents within municipalities were already accounted for in county populations

Table 28. Total and per capita statewide recreation expenditures by government unit type.

Government Unit Type	Capital (\$M)	Operating (\$M)	Total (\$M)	Capital Dollars Per Capita	Operating Dollars Per Capita	Total Dollars Per Capita
County (n = 88)	124	139	263	12.45	13.97	26.45
Municipality (n = 429)	206	348	554	36.15 ¹	61.00 ¹	97.16 ¹
Total (n = 517)	330	487	817	32.91	48.50	81.41

Dollar amounts rounded to the nearest million.

¹The total population of those within municipalities (5,700,272), including those also captured by a county unit, was used to calculate this number

Table 29. Total and per capita statewide sales and service revenue by government unit type.

Government Unit Type	Sales and Service Revenue (\$M)	Revenue Dollars Per Capita
County (n = 88)	21	2.09
Municipality (n = 429)	52	9.14 ¹
Total (n = 517)	73	7.27

Dollar amounts rounded to the nearest million.

¹The total population of those within municipalities (5,700,272), including those also captured by a county unit, was used to calculate this number

Graphical representation of expenditures based on the governmental unit type illustrates differences between city and county governmental structure. Municipal governments reported over twice the amount of operating expenditures than county governments, but only slightly higher capital expenditures (Figure 9).

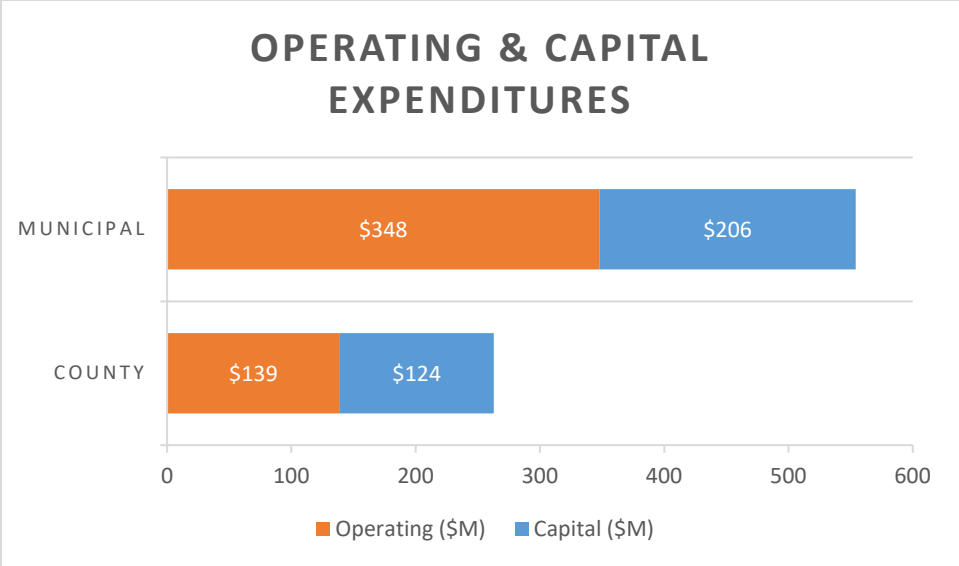


Figure 9. Operating and capital expenditures by government unit type

Per capita expenditures reported by municipalities are much higher than county reported expenditures (Figure 10). Municipal operating dollars are over four times greater than county per capita expenditures. Capital expenditures on a per capita basis are 3 times greater for municipal governments than that reported by county governments.

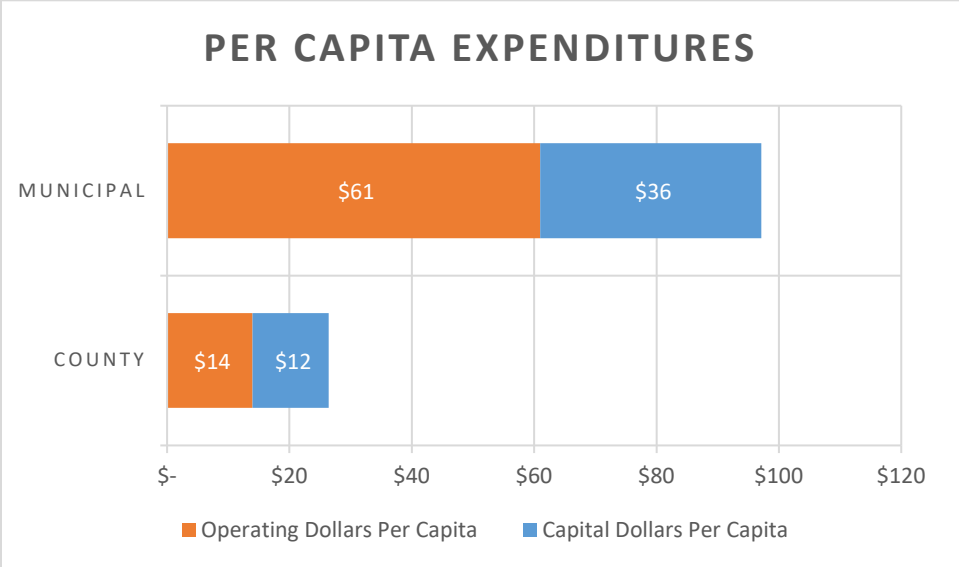


Figure 10. Per capita operating and capital expenditures by government unit type

All of the government units included in this AFIR were divided into population classes as defined above, and based on the unit population provided in AFIR.

Table 30. Response to AFIR and population representation by population class.

Population Class	Units Statewide (N)	Respondents (n)	Response Rate (%)	Population Represented
A	38	37	97	7,441,962
B	34	31	91	1,444,374
C	44	40	91	762,862
D	68	56	82	287,876
E	53	46	87	59,432
F	413	307	74	38,717
Total	651	518	80	10,035,223¹

¹Note that the total population represented does not equal the sum of each population class population represented because, when considering total population represented, some individuals are captured within both a county and a municipality. These individuals are not counted twice in the final population calculation. Thus, this value represents unique population represented.

Table 31. Total and per capita expenditures by population class.

Population Class	Capital (\$M)	Operating (\$M)	Total (\$M)	Dollars Per Capita
A (n = 37)	222	255	477	64.11
B (n = 31)	49	73	122	84.37
C (n = 40)	23	65	87	114.43
D (n = 56)	18	48	66	230.05
E (n = 46)	7	20	27	448.25
F (n = 307)	12	26	38	976.57
Total (n = 651)	330	487	817	81.41

Dollar amounts rounded to the nearest million.

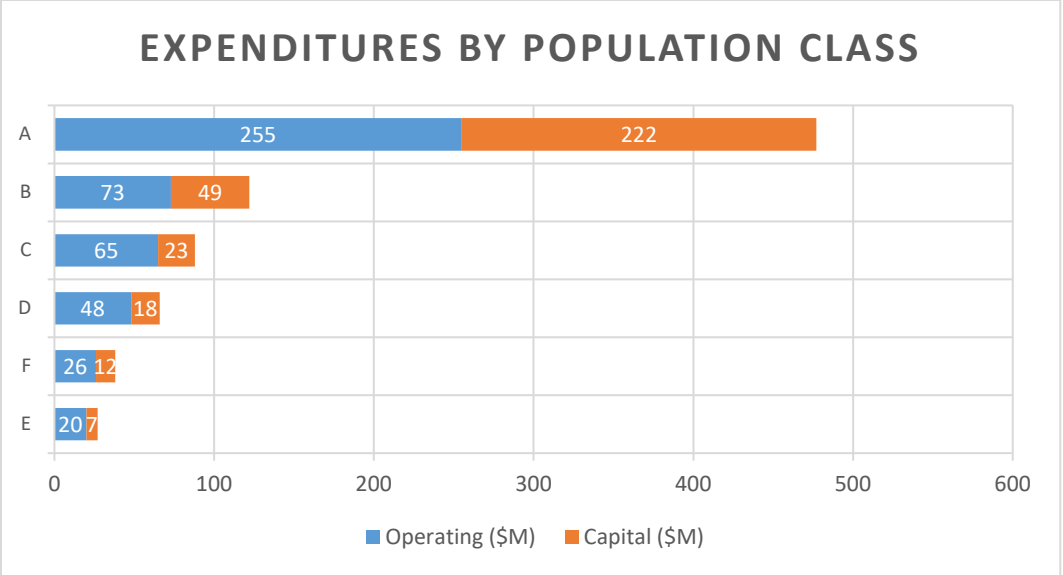


Figure 11. Operating and capital expenditure by population class

Table 32. Total and per capita statewide sales and service revenues by population class.

Population Class	Revenue (\$M)	Revenue Dollars Per Capita
A (n = 37)	33	4.50
B (n = 31)	12	8.65
C (n = 40)	10	12.51
D (n = 56)	9	31.92
E (n = 46)	3	56.89
F (n = 307)	5	126.03
Total (n = 651)	73	7.27

Dollar amounts rounded to the nearest million.

Table 33. Response to AFIR and population representation by prosperity zone.

Prosperity Zone	Units Statewide (N)	Respondents (n)	Response Rate (%)	Population Represented
North Central	93	67	72	2,402,378
Northeast	88	51	58	491,589
Northwest	58	52	90	618,018
Piedmont-Triad	74	65	88	1,700,112
Sandhills	86	73	85	734,554
Southeast	100	81	81	999,475
Southwest	95	81	85	2,405,933
West	57	47	83	683,164
Total	651	518	80	10,035,223¹

¹Note that the total population represented does not equal the sum of each population class population represented because, when considering total population represented, some individuals are captured within both a county and a municipality. These individuals are not counted twice in the final population calculation. Thus, this value represents unique population represented.

All of the government units included in this AFIR were matched to their prosperity zone (see page 4) based on county provided with each unit.

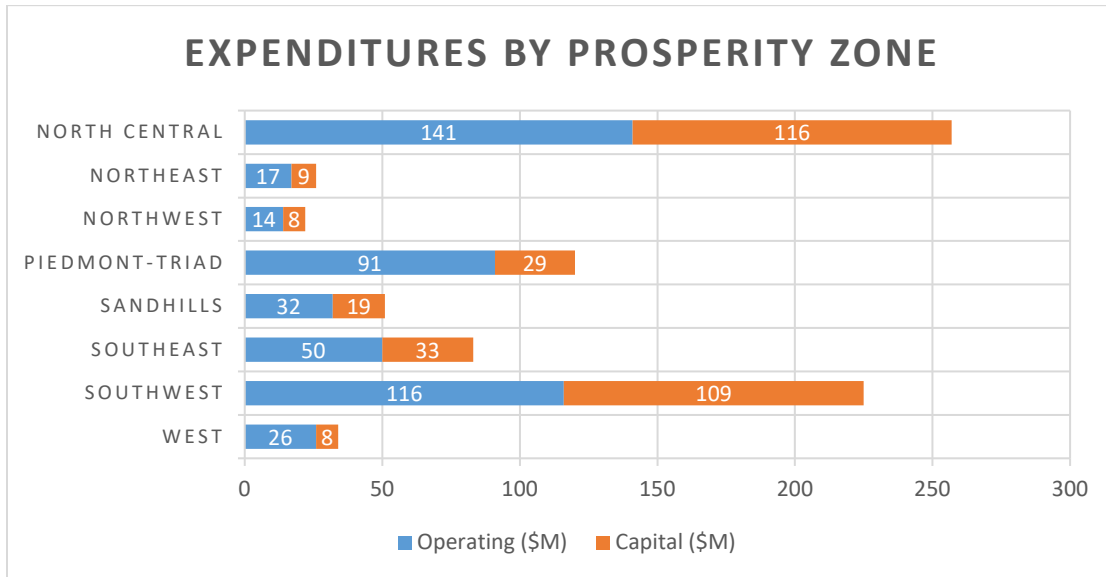


Figure 12. Operating and capital expenditures by prosperity zone

Metro areas, as expected, show higher expenditures than prosperity zones serving a majority rural area.

Table 34. Total expenditures and per capita estimates by prosperity zone.

Prosperity Zone	Capital (\$M)	Operating (\$M)	Total (\$M)	Dollars Per Capita
North Central (n = 67)	116	141	256	106.70
Northeast (n = 51)	9	17	26	52.68
Northwest (n = 52)	8	14	22	35.61
Piedmont-Triad (n = 65)	29	91	120	70.34
Sandhills (n = 73)	19	32	50	68.51
Southeast (n = 81)	33	50	83	83.54
Southwest (n = 81)	109	116	225	93.42
West (n = 47)	8	26	35	50.53
Total (n = 518)	330	487	817	81.40

Dollar amounts rounded to the nearest million.

Table 35. Total revenue and per capita estimates by prosperity zone.

Prosperity Zone	Sales and Service (\$M)	Revenue Dollars Per Capita
North Central (n = 67)	19	7.83
Northeast (n = 51)	1	2.76
Northwest (n = 52)	3	4.30
Piedmont-Triad (n = 65)	15	8.83
Sandhills (n = 73)	2	2.70
Southeast (n = 81)	10	9.88
Southwest (n = 81)	20	8.33
West (n = 47)	3	4.69
Total (n = 518)	73	7.27

Dollar amounts rounded to the nearest million.



The M CPRSS historically has compared statewide parks and recreation spending per capita from year to year, and this year's spending has been added for comparison (Figure 13). This is calculated by dividing total reported statewide spending by the populations of the reporting agencies for that category. While the reliability of the data is tied to sample size, the population numbers used to calculate

per capita spending are only pulled from agencies that report expenditures to offer comparable metrics from year to year. This year's budget data indicates a slight decrease in local government spending on parks and recreation.

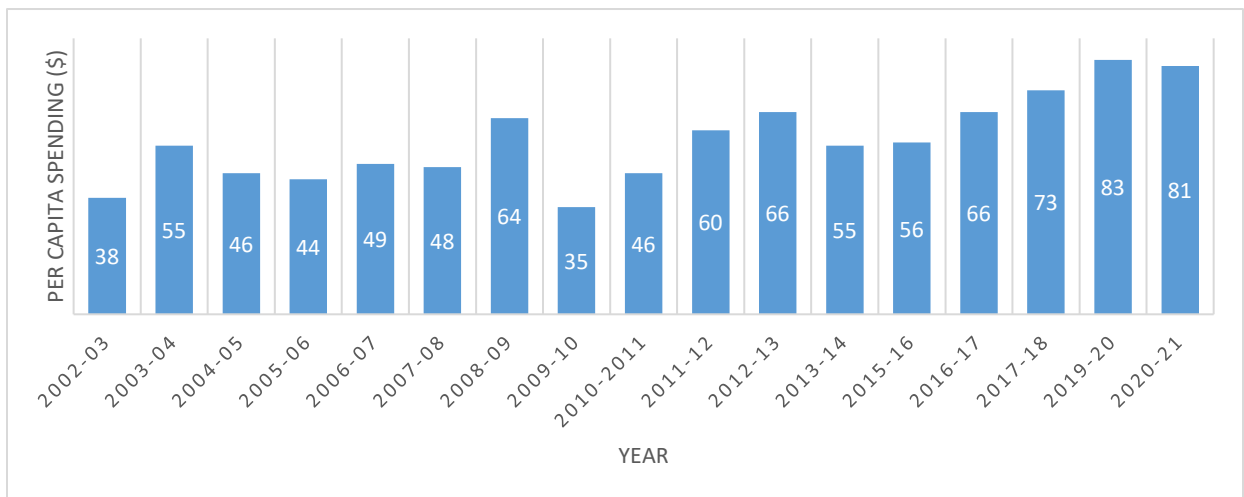


Figure 13. Statewide parks and recreation spending per capita since 2002-03.

LIMITATIONS

Survey data have been reported as disclosed by the departments and state budget data have been reported as received from the state treasurer's office. Bear in mind that response rate impacts the reliability of the analyses. While descriptive statistics have been used to highlight the general picture provided by the data, these should be interpreted with caution as small sample sizes may not generalize accurately to the larger group they are intended to represent, and uneven distribution of resources likely biases which local governments respond to requests for data. The stressors associated with COVID-19 and recovery may still have impacted response rates to both the MCPRSS and AFIR.

APPENDICES

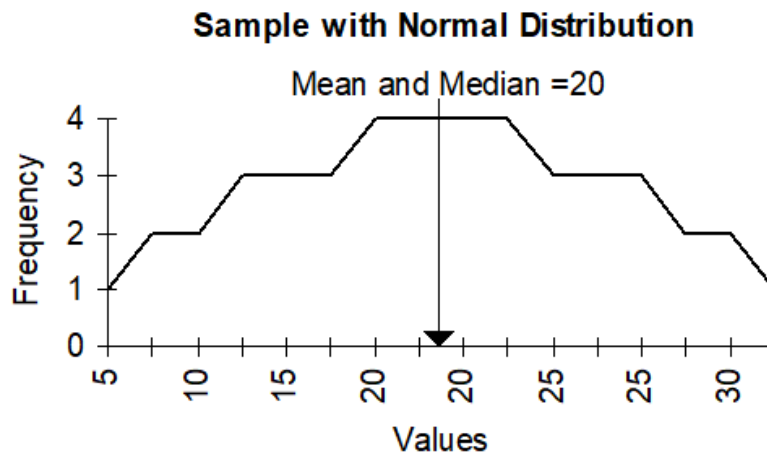
Appendix A: Mean and Median Values

The mean or average provides a measure of central tendency for a sample of values or observations with a normal (bell-shape) frequency distribution. For a sample of values with a nonsymmetrical or skewed distribution, the mean is sensitive or influenced by the skewness of the distribution. Another measure of central tendency is the median. While the mean reflects the calculated midpoint of a set of values, the median measures the exact midpoint of a set of values when the values are ordered in magnitude, lowest to highest. The median is robust, therefore, it provides a better description of the midpoint for a sample with a nonsymmetrical distribution.

Mean Example

For a sample of values (5,10,15,20,25,30,10,15,20,25,30,15,20,25,35,20) with a normal frequency distribution, the mean equals 20. The mean and the midpoint of the distribution curve are the same (see Example 1).

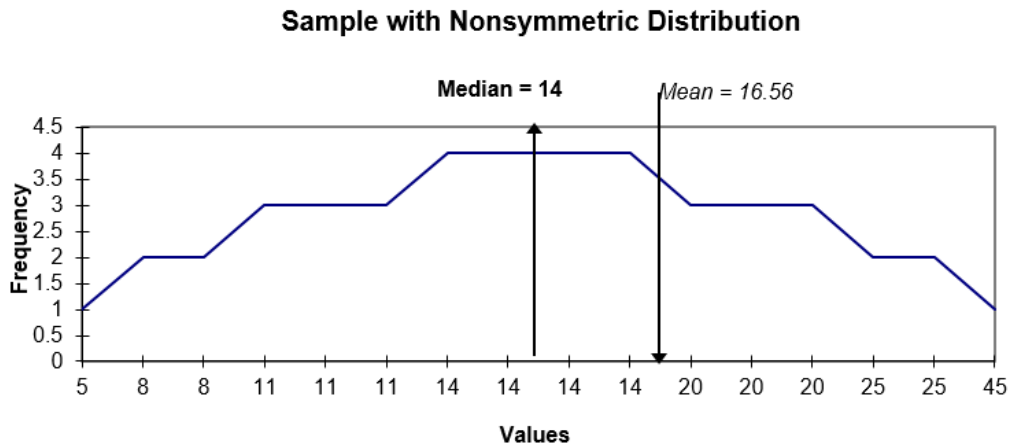
Example 1



Median Example

For the following sample of values (5,8,11,14,20,25,8,11,14,20,25,11,14,45,20,14), the mean equals 16.56. This sample has a nonsymmetrical frequency distribution. The presence of an abnormally large value, 45, skews the sample distribution to the right. Therefore, the mean is influenced by the outlying value. When the sample values are ordered in magnitude, the median for the sample equals 14. The outlier does not influence the median, therefore, it provides a better measure of central tendency for the sample (see Example 2).

Example 2



Mean and median results from the Municipal and County Services Study provide significant information to local government park and recreation agencies if interpreted correctly. If the mean and median values are very close, the sample has a normal frequency distribution and the mean offers a good measure of the midpoint. If significant difference exists between the mean and median, lean towards using the median as the measure of central tendency. This sample possesses a nonsymmetrical distribution and suffers skewness. When the mean is significantly higher than the median, abnormally high values skew the sample

Appendix B: MCPRSS Respondents

List of all recognized departments in the state including department type, population class, and population zone. **Bolded departments** are those that responded to this year's MCPRSS.

DEPARTMENT	TYPE	POP. CLASS	PROSPERITY ZONE
Aberdeen Parks & Recreation	Municipal	E	Sandhills
Ahoskie Parks & Recreation	Municipal	F	Northeast
Alamance County Recreation & Parks	County	A	Piedmont-Triad
Albemarle Parks & Recreation	Municipal	D	Southwest
Alexander County Recreation	County	C	Northwest
Alleghany County Parks & Recreation	County	D	Northwest
Andrews Recreation	Municipal	F	West
Angier Parks & Recreation	Municipal	E	North Central
Anson County Parks & Recreation	County	D	Southwest
Apex Parks Recreation & Cultural Resources	Municipal	B	North Central
Archdale Parks & Recreation	Municipal	D	Piedmont-Triad
Archer Lodge Parks & Recreation	Municipal	F	North Central
Ashe County Parks & Recreation	County	C	Northwest
Asheboro Parks & Recreation	Municipal	C	Piedmont-Triad
Asheville Parks & Recreation	Municipal	B	West
Atlantic Beach Recreation & Special Events	Municipal	F	Southeast
Avery County Parks & Recreation	County	D	Northwest
Ayden Recreation & Parks	Municipal	F	Northeast
Beaufort Parks & Events	Municipal	F	Southeast
Beech Mountain Parks & Recreation	Municipal	F	Northwest
Belmont Parks & Recreation	Municipal	D	Southwest
Benson Parks & Recreation	Municipal	F	North Central
Bertie County Parks & Recreation	County	D	Northeast
Bessemer City Recreation	Municipal	E	Southwest
Black Mountain Recreation & Parks	Municipal	E	West
Bladen County Parks & Recreation	County	C	Sandhills
Blowing Rock Parks & Recreation	Municipal	F	Northwest
Boiling Spring Lakes Parks And Recreation	Municipal	E	Southeast
Brunswick County Parks & Recreation	County	A	Southeast
Buncombe County Recreation Services	County	A	West
Burgaw Parks & Recreation	Municipal	F	Southeast

DEPARTMENT	TYPE	POP. CLASS	PROSPERITY ZONE
Burke County Recreation & Parks	County	B	Northwest
Burlington Recreation & Parks	Municipal	B	Piedmont-Triad
Butner Parks & Recreation	Municipal	E	North Central
Cabarrus County Parks & Recreation	County	A	Southwest
Camden County Parks & Recreation	County	D	Northeast
Canton Recreation & Parks	Municipal	F	West
Carolina Beach Parks & Recreation	Municipal	E	Southeast
Carrboro Recreation & Parks	Municipal	D	North Central
Carteret County Parks & Recreation	County	B	Southeast
Cary Parks, Recreation & Cultural Resources	Municipal	A	North Central
Caswell County Parks & Recreation	County	D	Piedmont-Triad
Catawba County Parks	County	A	Northwest
Chadbourn Parks & Recreation	Municipal	F	Sandhills
Chapel Hill Parks & Recreation	Municipal	B	North Central
Chatham County Recreation	County	B	North Central
Cherokee County Recreation	County	C	West
Claremont Parks & Recreation & Events	Municipal	F	Northwestern
Clay County Recreation	County	D	West
Clayton Parks & Recreation	Municipal	C	North Central
Clinton Recreation & Parks	Municipal	E	Sandhills
Columbus County Parks & Recreation	County	B	Sandhills
Concord Parks & Recreation	Municipal	A	Southwest
Cornelius Parks & Recreation	Municipal	C	Southwest
Cramerton Parks & Recreation	Municipal	E	Southwest
Craven County Recreation & Parks	County	A	Southeast
Creedmoor Parks	Municipal	F	North Central
Currituck Co Parks & Recreation	County	C	Northeast
Dare County Parks & Recreation	County	C	Northeast
Davidson County Recreation	County	A	Piedmont-Triad
Davidson Parks & Recreation	Municipal	D	Southwest
Davie County Recreation & Parks	County	C	Piedmont-Triad
Dunn Parks & Recreation	Municipal	E	North Central
Durham Parks & Recreation	Municipal	A	North Central
Eden Parks & Recreation	Municipal	D	Piedmont-Triad
Edenton-Chowan Parks & Recreation	Combination	D	Northeast

DEPARTMENT	TYPE	POP. CLASS	PROSPERITY ZONE
Elizabeth City-Pasquotank Parks & Recreation	Combination	C	Northeast
Elizabethtown Parks & Recreation	Municipal	F	Sandhills
Elkin Rec & Parks	Municipal	F	Piedmont-Triad
Elon Recreation & Parks	Municipal	D	Piedmont-Triad
Emerald Isle Parks & Recreation	Municipal	F	Southeast
Enfield Recreation & Parks	Municipal	F	Northeast
Erwin Parks & Recreation	Municipal	F	North Central
Faison Recreation Department	Municipal	F	Sandhills
Farmville Parks	Municipal	F	Northeast
Fayetteville-Cumberland Parks & Recreation	Combination	A	Sandhills
Fletcher Parks & Recreation Department	Municipal	E	West
Forest City Parks & Recreation	Municipal	E	West
Forsyth County Parks & Recreation	County	A	Piedmont-Triad
Franklin County Parks & Recreation	County	B	North Central
Fuquay-Varina Parks, Rec. & Cultural Resources	Municipal	C	North Central
Garner Parks, Recreation & Cultural Resources	Municipal	C	North Central
Gaston County Parks & Recreation	County	A	Southwest
Gastonia Parks & Recreation	Municipal	B	Southwest
Gates County Parks & Recreation	County	D	Northeast
Gibsonville Parks & Recreation	Municipal	E	Piedmont-Triad
Goldsboro Parks & Recreation	Municipal	C	Southeast
Graham County Recreation & Parks	County	E	West
Graham Recreation & Parks	Municipal	D	Piedmont-Triad
Granite Falls Recreation	Municipal	F	Northwest
Granville County Parks & Grounds	County	B	North Central
Greene County Parks & Recreation	County	D	Southeast
Greensboro Parks & Recreation	Municipal	A	Piedmont-Triad
Greenville Recreation & Parks	Municipal	B	Northeast
Guilford County Parks	County	A	Piedmont-Triad
Hamlet Recreation	Municipal	E	Sandhills
Harnett County Parks & Recreation	County	A	North Central
Harrisburg Parks & Recreation	Municipal	D	Southwest
Havelock Recreation	Municipal	D	Southeast
Haw River Recreation	Municipal	F	Piedmont-Triad
Haywood County Recreation	County	B	West
Henderson County Parks & Recreation	County	A	West

DEPARTMENT	TYPE	POP. CLASS	PROSPERITY ZONE
Henderson-Vance Recreation & Parks	Combination	C	North Central
Hickory Parks, Recreation & Sports Tourism	Municipal	C	Northwest
High Point Parks & Recreation	Municipal	A	Piedmont-Triad
Highlands Parks & Recreation	Municipal	F	West
Hoke County Parks & Recreation	County	B	Sandhills
Holly Ridge Parks & Recreation	Municipal	F	Southeast
Holly Springs Parks & Recreation	Municipal	C	North Central
Hope Mills Parks & Recreation	Municipal	D	Sandhills
Hudson Parks & Recreation	Municipal	F	Northwest
Huntersville Parks & Recreation	Municipal	B	Southwest
Indian Trail Parks & Recreation	Municipal	C	Southwest
Iredell County Parks & Recreation	County	A	Southwest
Jackson County Recreation & Parks	County	C	West
Jacksonville Recreation & Parks	Municipal	B	Southeast
Jamestown Parks & Recreation	Municipal	F	Piedmont-Triad
Johnston County Parks, Trails & Open Space	County	A	North Central
Jones County Recreation	County	E	Southeast
Kannapolis Parks & Recreation	Municipal	B	Southwest
Kenansville Recreation	Municipal	F	Southeast
Kenly Recreation	Municipal	F	North Central
Kernersville Parks & Recreation	Municipal	C	Piedmont-Triad
King Parks and Recreation	Municipal	E	Piedmont-Triad
Kinston-Lenoir Parks & Recreation	Combination	B	Southeast
Knightdale Parks & Recreation	Municipal	D	North Central
Kure Beach Recreation Department	Municipal	F	Piedmont-Triad
Landis Parks & Recreation	Municipal	F	Southwest
Lee County Parks & Recreation	County	B	North Central
Leland Parks, Rec., & Environmental Programs	Municipal	D	Southeast
Lenoir Parks & Recreation	Municipal	D	Northwest
Lexington Parks & Recreation	Municipal	D	Piedmont-Triad
Liberty Recreation	Municipal	F	Piedmont-Triad
Lillington Parks & Recreation	Municipal	F	North Central
Lincoln County Parks & Recreation	County	B	Southwest
Lincolnton Parks & Recreation	Municipal	D	Southwest

DEPARTMENT	TYPE	POP. CLASS	PROSPERITY ZONE
Locust Parks & Recreation	Municipal	F	Southwest
Louisburg Parks & Recreation	Municipal	F	North Central
Lowell Parks & Recreation	Municipal	F	Southwest
Lumberton Recreation & Parks	Municipal	D	Sandhills
Macon County Recreation	County	C	West
Madison County Parks & Recreation	County	D	West
Madison-Mayodan Recreation Department	Combination	D	Piedmont-Triad
Maiden Parks & Recreation	Municipal	F	Northwest
Marshville Parks & Recreation	Municipal	F	Southwest
Matthews Parks, Rec., & Cultural Resources	Municipal	C	Southwest
McDowell County Parks & Recreation	County	C	Northwest
Mebane Recreation & Parks	Municipal	D	Piedmont-Triad
Mecklenburg County Park & Recreation	County	A	Southwest
Mills River Parks & Recreation	Municipal	E	West
Mitchell County Parks & Recreation	County	D	Northwest
Monroe Parks and Recreation	Municipal	C	Southwest
Moore County Parks & Recreation	County	A	Sandhills
Mooresville Parks & Recreation	Municipal	B	Southwest
Morehead City Parks & Recreation	Municipal	E	Southeast
Morganton Recreation & Parks	Municipal	D	Northwest
Morrisville Parks, Rec. & Cultural Resources	Municipal	C	North Central
Mount Airy Parks & Recreation	Municipal	D	Piedmont-Triad
Mount Holly Parks & Recreation	Municipal	D	Southwest
Mount Olive Parks & Recreation	Municipal	F	Southeast
Nash County Recreation & Parks	County	B	North Central
Nashville Parks, Recreation, Cultural Resources	Municipal	E	North Central
New Bern Parks & Recreation	Municipal	C	Southeast
New Hanover County Parks	County	A	Southeast
Newton Parks & Recreation	Municipal	D	Northwest
North Wilkesboro Parks & Recreation	Municipal	F	Northwest
Northampton County Recreation	County	D	Northeast
Norwood Recreation	Municipal	F	Southwest
Oak Island Parks & Recreation	Municipal	E	Southeast
Oak Ridge Parks & Recreation	Municipal	E	Piedmont-Triad

DEPARTMENT	TYPE	POP. CLASS	PROSPERITY ZONE
Oakboro Parks & Recreation	Municipal	F	Southwest
Ocean Isle Beach Recreation	Municipal	F	Southeast
Onslow County Parks & Recreation	County	A	Southeast
Orange County Parks & Recreation	County	A	North Central
Oxford Parks & Recreation	Municipal	E	North Central
Pamlico County Parks & Recreation	County	D	Southeast
Pembroke Parks and Recreation	Municipal	F	Sandhills
Pender County Parks & Recreation	County	B	Southeast
Perquimans County Recreation	County	D	Northeast
Person County Recreation, Arts & Parks	County	C	North Central
Pine Level Parks & Recreation	Municipal	F	North Central
Pinebluff Parks & Recreation	Municipal	F	Sandhills
Pinehurst Parks & Recreation	Municipal	D	Sandhills
Pineville Parks & Recreation	Municipal	D	Southwest
Pitt County Community Schools & Recreation	County	A	Northeast
Pittsboro Parks & Recreation	Municipal	F	North Central
Pleasant Garden Parks & Recreation	Municipal	E	Piedmont-Triad
Polk County Recreation	County	D	West
Raleigh Parks, Recreation & Cultural Resources	Municipal	A	North Central
Randleman Parks & Recreation	Municipal	F	Piedmont-Triad
Reidsville Recreation	Municipal	D	Piedmont-Triad
Richmond County Parks & Recreation	County	C	Sandhills
Roanoke Rapids Parks, Recreation & Library	Municipal	D	Northeast
Robersonville Recreation	Municipal	F	Northeast
Robeson County Parks & Recreation	County	A	Sandhills
Rockingham Recreation	Municipal	B	Sandhills
Rocky Mount Parks & Recreation	Municipal	B	North Central
Rolesville Parks & Recreation	Municipal	E	North Central
Rowan County Parks & Recreation	County	A	Southwest
Rutherford County Parks & Recreation	County	B	West
Salisbury Parks & Recreation	Municipal	C	Southwest
Sampson County Parks & Recreation	County	B	Sandhills
Scotland County Parks & Recreation	County	C	Sandhills
Scotland Neck Parks & Recreation	Municipal	F	Northeast
Selma Parks & Recreation	Municipal	E	North Central
Shelby Parks & Recreation	Municipal	D	Southwest

DEPARTMENT	TYPE	POP. CLASS	PROSPERITY ZONE
Siler City Parks & Recreation	Municipal	E	North Central
Smithfield Parks & Recreation	Municipal	D	North Central
Southern Pines Recreation & Parks	Municipal	D	Sandhills
Southport Recreation	Municipal	F	Southeast
Spindale Recreation	Municipal	F	West
Spring Lake Recreation & Parks	Municipal	D	Sandhills
Spruce Pine Parks & Recreation	Municipal	F	Northwest
Stallings Parks & Recreation	Municipal	D	Southwest
Stanley Parks & Recreation	Municipal	F	Southwest
Statesville Rec & Parks	Municipal	C	Southwest
Stokes County Recreation	County	C	Piedmont-Triad
Summerfield Parks & Recreation	Municipal	D	Piedmont-Triad
Surf City Parks & Recreation	Municipal	F	Southeast
Surry County Parks & Recreation	County	B	Piedmont-Triad
Swain County Parks & Recreation	County	D	West
Swansboro Parks & Recreation	Municipal	F	Southeast
Tarboro Parks & Recreation	Municipal	D	North Central
Thomasville Parks & Recreation	Municipal	C	Piedmont-Triad
Town of Belville Parks and Recreation Department	Municipal	F	Southeast
Town of Lake Lure Parks, Recreation and Lake Department	Municipal	F	West
Town of Sawmills Parks and Recreation	Municipal	E	Northwestern
Transylvania County Parks & Recreation	County	C	West
Troutman Parks & Recreation	Municipal	F	Southwest
Tryon Parks & Recreation Department	Municipal	F	West
Union County Parks & Recreation	County	A	Southwest
Valdese Parks & Recreation	Municipal	F	Northwest
Village of Wesley Chapel Parks & Rec	Municipal	E	Southwest
Wake County Parks, Recreation & Open Space	County	A	North Central
Wake Forest Parks & Recreation	Municipal	C	North Central
Wallace Parks & Recreation	Municipal	F	Southeast
Warren County Parks & Recreation	County	D	North Central
Warsaw Parks & Recreation	Municipal	F	Southeast
Washington County Parks & Recreation	County	D	Northeast
Washington Parks & Recreation	Municipal	E	Northeast

DEPARTMENT	TYPE	POP. CLASS	PROSPERITY ZONE
Watauga County Parks & Recreation	County	B	Northwest
Waxhaw Parks & Recreation	Municipal	D	Southwest
Waynesville Parks & Recreation	Municipal	D	West
Wendell Parks & Recreation	Municipal	E	North Central
Whiteville Parks & Recreation	Municipal	F	Sandhills
Wilkes County Parks & Recreation	County	B	Northwest
Wilkesboro Parks & Recreation	Municipal	F	Northwest
Williamston Parks & Recreation	Municipal	E	Northeast
Wilmington Parks Recreation & Downtown	Municipal	A	Southeast
Wilson Parks & Recreation	Municipal	B	North Central
Winston Salem Recreation & Parks	Municipal	A	Piedmont-Triad
Winterville Parks & Recreation	Municipal	D	Northeast
Wrightsville Beach Planning & Parks	Municipal	F	Southeast
Yadkin County Parks & Recreation	County	C	Piedmont-Triad
Yancey County Recreation	County	D	Northwest
Youngsville Parks & Recreation	Municipal	F	North Central
Zebulon Parks & Recreation	Municipal	E	North Central

Appendix C: AFIR Respondents

List of all government units included in 2020-2021 Annual Financial Information Report (AFIR) including government unit type, population class, and prosperity zone. **Bolded government units** are those that responded to the 2020-2021 AFIR with expenses and sales related to recreation.

GOVERNMENT UNIT	TYPE	POP. CLASS	PROSPERITY ZONE
Aberdeen	Municipality	E	Sandhills
Ahoskie	Municipality	F	Northeast
Alamance	Municipality	F	Piedmont-Triad
Alamance County	County	A	Piedmont-Triad
Albemarle	Municipality	D	Southwest
Alexander County	County	C	Northwest
Alleghany County	County	D	Northwest
Alliance	Municipality	F	Southeast
Andrews	Municipality	F	West
Angier	Municipality	E	North Central
Anson County	County	D	Southwest
Ansonville	Municipality	F	Southwest
Apex	Municipality	B	North Central
Arapahoe	Municipality	F	Southeast
Archdale	Municipality	D	Piedmont-Triad
Archer Lodge	Municipality	F	North Central
Ashe County	County	C	Northwest
Asheboro	Municipality	C	Piedmont-Triad
Asheville	Municipality	B	West
Askewville	Municipality	F	Northeast
Atkinson	Municipality	F	Southeast
Atlantic Beach	Municipality	F	Southeast
Aulander	Municipality	F	Northeast
Aurora	Municipality	F	Northeast
Autryville	Municipality	F	Sandhills
Avery County	County	D	Northwest
Ayden	Municipality	F	Northeast
Badin	Municipality	F	Southwest
Bailey	Municipality	F	North Central
Bakersville	Municipality	F	Northwest
Bald Head Island	Municipality	F	Southeast

Banner Elk	Municipality	F	Northwest
Bath	Municipality	F	Northeast
Bayboro	Municipality	F	Southeast
Bear Grass	Municipality	F	Northeast
Beaufort	Municipality	F	Southeast
Beaufort County	County	C	Northeast
Beech Mountain	Municipality	F	Northwest
Belhaven	Municipality	F	Northeast
Belmont	Municipality	D	Southwest
Belville	Municipality	F	Southeast
Belwood	Municipality	F	Southwest
Benson	Municipality	F	North Central
Bermuda Run	Municipality	F	Piedmont-Triad
Bertie County	County	D	Northeast
Bessemer City	Municipality	E	Southwest
Bethania	Municipality	F	Piedmont-Triad
Bethel	Municipality	F	Northeast
Beulaville	Municipality	F	Southeast
Biltmore Forest	Municipality	F	West
Biscoe	Municipality	F	Sandhills
Black Creek	Municipality	F	North Central
Black Mountain	Municipality	E	West
Bladen County	County	C	Sandhills
Bladenboro	Municipality	F	Sandhills
Blowing Rock	Municipality	F	Northwest
Boardman	Municipality	F	Sandhills
Bogue	Municipality	F	Southeast
Boiling Spring Lakes	Municipality	E	Southeast
Boiling Springs	Municipality	F	Southwest
Bolivia	Municipality	F	Southeast
Bolton	Municipality	F	Sandhills
Boone	Municipality	D	Northwest
Boonville	Municipality	F	Piedmont-Triad
Bostic	Municipality	F	West
Brevard	Municipality	E	West
Bridgeton	Municipality	F	Southeast
Broadway	Municipality	F	North Central
Brookford	Municipality	F	Northwest

Brunswick	Municipality	F	Sandhills
Brunswick County	County	A	Southeast
Bryson City	Municipality	F	West
Buncombe County	County	A	West
Bunn	Municipality	F	North Central
Burgaw	Municipality	F	Southeast
Burke County	County	B	Northwest
Burlington	Municipality	B	Piedmont-Triad
Burnsville	Municipality	F	Northwest
Butner	Municipality	E	North Central
Cabarrus County	County	A	Southwest
Cajah's Mountain	Municipality	F	Northwest
Calabash	Municipality	F	Southeast
Caldwell County	County	B	Northwest
Calypso	Municipality	F	Southeast
Camden County	County	D	Northeast
Cameron	Municipality	F	Sandhills
Candor	Municipality	F	Sandhills
Canton	Municipality	F	West
Cape Carteret	Municipality	F	Southeast
Carolina Beach	Municipality	E	Southeast
Carolina Shores	Municipality	F	Southeast
Carrboro	Municipality	D	North Central
Carteret County	County	B	Southeast
Carthage	Municipality	F	Sandhills
Cary	Municipality	A	North Central
Cary	Municipality	A	Southwest
Casar	Municipality	F	Southwest
Castalia	Municipality	F	North Central
Caswell Beach	Municipality	F	Southeast
Caswell County	County	D	Piedmont-Triad
Catawba	Municipality	F	Northwest
Catawba County	County	A	Northwest
Cedar Point	Municipality	F	Southeast
Cedar Rock	Municipality	F	Northwest
Cerro Gordo	Municipality	F	Sandhills
Chadbourn	Municipality	F	Sandhills
Chapel Hill	Municipality	B	North Central

Chatham County	County	B	North Central
Cherokee County	County	C	West
Cherryville	Municipality	E	Southwest
Chimney Rock	Municipality	F	West
China Grove	Municipality	F	Southwest
Chocowinity	Municipality	F	Northeast
Chowan County	County	D	Northeast
Claremont	Municipality	F	Northwest
Clarkton	Municipality	F	Sandhills
Clay County	County	D	West
Clayton	Municipality	C	North Central
Clemmons	Municipality	D	Piedmont-Triad
Cleveland	Municipality	F	Southwest
Cleveland County	County	B	Southwest
Clinton	Municipality	E	Sandhills
Clyde	Municipality	F	West
Coats	Municipality	F	North Central
Cofield	Municipality	F	Northeast
Colerain	Municipality	F	Northeast
Columbia	Municipality	F	Northeast
Columbus	Municipality	F	West
Columbus County	County	B	Sandhills
Como	Municipality	F	Northeast
Concord	Municipality	A	Southwest
Conetoe	Municipality	F	North Central
Connelly Springs	Municipality	F	Northwest
Conover	Municipality	E	Northwest
Conway	Municipality	F	Northeast
Cooleemee	Municipality	F	Piedmont-Triad
Cornelius	Municipality	C	Southwest
Cove City	Municipality	F	Southeast
Cramerton	Municipality	E	Southwest
Craven County	County	A	Southeast
Creedmoor	Municipality	F	North Central
Creswell	Municipality	F	Northeast
Crossnore	Municipality	F	Northwest
Cumberland County	County	A	Sandhills
Currituck County	County	C	Northeast

Dallas	Municipality	E	Southwest
Danbury	Municipality	F	Piedmont-Triad
Dare County	County	C	Northeast
Davidson	Municipality	D	Southwest
Davidson County	County	A	Piedmont-Triad
Davie County	County	C	Piedmont-Triad
Denton	Municipality	F	Piedmont-Triad
Dillsboro	Municipality	F	West
Dobbins Heights	Municipality	F	Sandhills
Dobson	Municipality	F	Piedmont-Triad
Dortches	Municipality	F	North Central
Dover	Municipality	F	Southeast
Drexel	Municipality	F	Northwest
Dublin	Municipality	F	Sandhills
Duck	Municipality	F	Northeast
Dunn	Municipality	E	North Central
Duplin County	County	C	Southeast
Durham	Municipality	A	North Central
Durham County	County	A	North Central
Earl	Municipality	F	Southwest
East Arcadia	Municipality	F	Sandhills
East Bend	Municipality	F	Piedmont-Triad
East Laurinburg	Municipality	F	Sandhills
East Spencer	Municipality	F	Southwest
Eastover	Municipality	F	Sandhills
Eden	Municipality	D	Piedmont-Triad
Edenton	Municipality	F	Northeast
Edgecombe County	County	C	North Central
Elizabeth City	Municipality	D	Northeast
Elizabethtown	Municipality	F	Sandhills
Elk Park	Municipality	F	Northwest
Elkin	Municipality	F	Piedmont-Triad
Ellenboro	Municipality	F	West
Ellerbe	Municipality	F	Sandhills
Elm City	Municipality	F	North Central
Elon	Municipality	D	Piedmont-Triad
Emerald Isle	Municipality	F	Southeast
Enfield	Municipality	F	Northeast

Erwin	Municipality	F	North Central
Everetts	Municipality	F	Northeast
Fair Bluff	Municipality	F	Sandhills
Fairmont	Municipality	F	Sandhills
Fairview	Municipality	F	Southwest
Faison	Municipality	F	Southeast
Faith	Municipality	F	Southwest
Falcon	Municipality	F	Sandhills
Falkland	Municipality	F	Northeast
Fallston	Municipality	F	Southwest
Farmville	Municipality	F	Northeast
Fayetteville	Municipality	A	Sandhills
Flat Rock	Municipality	F	West
Fletcher	Municipality	E	West
Fontana Dam	Municipality	F	West
Forest City	Municipality	E	West
Forest Hills	Municipality	F	West
Forsyth County	County	A	Piedmont-Triad
Fountain	Municipality	F	Northeast
Four Oaks	Municipality	F	North Central
Foxfire Village	Municipality	F	Sandhills
Franklin	Municipality	F	West
Franklin County	County	B	North Central
Franklinton	Municipality	F	North Central
Franklinville	Municipality	F	Piedmont-Triad
Fremont	Municipality	F	Southeast
Fuquay-Varina	Municipality	C	North Central
Gamewell	Municipality	F	Northwest
Garland	Municipality	F	Sandhills
Garner	Municipality	C	North Central
Garysburg	Municipality	F	Northeast
Gaston	Municipality	F	Northeast
Gaston County	County	A	Southwest
Gastonia	Municipality	B	Southwest
Gates County	County	D	Northeast
Gatesville	Municipality	F	Northeast
Gibson	Municipality	F	Sandhills
Gibsonville	Municipality	E	Piedmont-Triad

Glen Alpine	Municipality	F	Northwest
Godwin	Municipality	F	Sandhills
Goldsboro	Municipality	C	Southeast
Goldston	Municipality	F	North Central
Graham	Municipality	D	Piedmont-Triad
Graham County	County	E	West
Grandfather Village	Municipality	F	Northwest
Granite Falls	Municipality	F	Northwest
Granite Quarry	Municipality	F	Southwest
Grantsboro	Municipality	F	Southeast
Granville County	County	B	North Central
Green Level	Municipality	F	Piedmont-Triad
Greene County	County	D	Southeast
Greenevers	Municipality	F	Southeast
Greensboro	Municipality	A	Piedmont-Triad
Greenville	Municipality	B	Northeast
Grifton	Municipality	F	Northeast
Grimesland	Municipality	F	Northeast
Grover	Municipality	F	Southwest
Guilford County	County	A	Piedmont-Triad
Halifax	Municipality	F	Northeast
Halifax County	County	C	Northeast
Hamilton	Municipality	F	Northeast
Hamlet	Municipality	E	Sandhills
Harmony	Municipality	F	Southwest
Harnett County	County	A	North Central
Harrells	Municipality	F	Sandhills
Harrellsville	Municipality	F	Northeast
Harrisburg	Municipality	D	Southwest
Hassell	Municipality	F	Northeast
Havelock	Municipality	D	Southeast
Haw River	Municipality	F	Piedmont-Triad
Hayesville	Municipality	F	West
Haywood County	County	B	West
Hemby Bridge	Municipality	F	Southwest
Henderson	Municipality	D	North Central
Henderson County	County	A	West
Hendersonville	Municipality	D	West

Hertford	Municipality	F	Northeast
Hertford County	County	D	Northeast
Hickory	Municipality	C	Northwest
High Point	Municipality	A	Piedmont-Triad
High Shoals	Municipality	F	Southwest
Highlands	Municipality	F	West
Hildebran	Municipality	F	Northwest
Hillsborough	Municipality	E	North Central
Hobgood	Municipality	F	Northeast
Hoffman	Municipality	F	Sandhills
Hoke County	County	B	Sandhills
Holden Beach	Municipality	F	Southeast
Holly Ridge	Municipality	F	Southeast
Holly Springs	Municipality	C	North Central
Hookerton	Municipality	F	Southeast
Hope Mills	Municipality	D	Sandhills
Hot Springs	Municipality	F	West
Hudson	Municipality	F	Northwest
Huntersville	Municipality	B	Southwest
Hyde County	County	F	Northeast
Indian Beach	Municipality	F	Southeast
Indian Trail	Municipality	C	Southwest
Iredell County	County	A	Southwest
Jackson	Municipality	F	Northeast
Jackson County	County	C	West
Jacksonville	Municipality	B	Southeast
Jamestown	Municipality	F	Piedmont-Triad
Jamesville	Municipality	F	Northeast
Jefferson	Municipality	F	Northwest
Johnston County	County	A	North Central
Jones County	County	E	Southeast
Jonesville	Municipality	F	Piedmont-Triad
Kannapolis	Municipality	B	Southwest
Kelford	Municipality	F	Northeast
Kenansville	Municipality	F	Southeast
Kenly	Municipality	F	North Central
Kernersville	Municipality	C	Piedmont-Triad
Kill Devil Hills	Municipality	E	Northeast

King	Municipality	E	Piedmont-Triad
Kings Mountain	Municipality	D	Southwest
Kingstown	Municipality	F	Southwest
Kinston	Municipality	D	Southeast
Kittrell	Municipality	F	North Central
Kitty Hawk	Municipality	F	Northeast
Knightdale	Municipality	D	North Central
Kure Beach	Municipality	F	Southeast
La Grange	Municipality	F	Southeast
Lake Lure	Municipality	F	West
Lake Park	Municipality	F	Southwest
Lake Santeetlah	Municipality	F	West
Lake Waccamaw	Municipality	F	Sandhills
Landis	Municipality	F	Southwest
Lansing	Municipality	F	Northwest
Lasker	Municipality	F	Northeast
Lattimore	Municipality	F	Southwest
Laurel Park	Municipality	F	West
Laurinburg	Municipality	D	Sandhills
Lawndale	Municipality	F	Southwest
Lee County	County	B	North Central
Leggett	Municipality	F	North Central
Leland	Municipality	D	Southeast
Lenoir	Municipality	D	Northwest
Lenoir County	County	B	Southeast
Lewiston-Woodville	Municipality	F	Northeast
Lewisville	Municipality	D	Piedmont-Triad
Lexington	Municipality	D	Piedmont-Triad
Liberty	Municipality	F	Piedmont-Triad
Lilesville	Municipality	F	Southwest
Lillington	Municipality	F	North Central
Lincoln County	County	B	Southwest
Lincolnton	Municipality	D	Southwest
Linden	Municipality	F	Sandhills
Littleton	Municipality	F	Northeast
Locust	Municipality	F	Southwest
Long View	Municipality	E	Northwest
Louisburg	Municipality	F	North Central

Love Valley	Municipality	F	Southwest
Lowell	Municipality	F	Southwest
Lucama	Municipality	F	North Central
Lumber Bridge	Municipality	F	Sandhills
Lumberton	Municipality	D	Sandhills
Macclesfield	Municipality	F	North Central
Macon	Municipality	F	North Central
Macon County	County	C	West
Madison	Municipality	F	Piedmont-Triad
Madison County	County	D	West
Maggie Valley	Municipality	F	West
Magnolia	Municipality	F	Southeast
Maiden	Municipality	F	Northwest
Manteo	Municipality	F	Northeast
Marietta	Municipality	F	Sandhills
Marion	Municipality	E	Northwest
Mars Hill	Municipality	F	West
Marshall	Municipality	F	West
Marshville	Municipality	F	Southwest
Martin County	County	D	Northeast
Marvin	Municipality	E	Southwest
Matthews	Municipality	C	Southwest
Maxton	Municipality	F	Sandhills
Mayodan	Municipality	F	Piedmont-Triad
Maysville	Municipality	F	Southeast
McAdenville	Municipality	F	Southwest
McDonald	Municipality	F	Sandhills
McDowell County	County	C	Northwest
McFarlan	Municipality	F	Southwest
Mebane	Municipality	D	Piedmont-Triad
Mecklenburg County	County	A	Southwest
Mesic	Municipality	F	Southeast
Micro	Municipality	F	North Central
Middleburg	Municipality	F	North Central
Middlesex	Municipality	F	North Central
Midland	Municipality	F	Southwest
Midway	Municipality	F	Piedmont-Triad
Mills River	Municipality	E	West

Milton	Municipality	F	Piedmont-Triad
Mineral Springs	Municipality	F	Southwest
Minnesott Beach	Municipality	F	Southeast
Mint Hill	Municipality	C	Southwest
Misenheimer	Municipality	F	Southwest
Mitchell County	County	D	Northwest
Mocksville	Municipality	E	Piedmont-Triad
Momeyer	Municipality	F	North Central
Monroe	Municipality	C	Southwest
Montgomery County	County	C	Sandhills
Montreat	Municipality	F	West
Moore County	County	A	Sandhills
Mooresboro	Municipality	F	Southwest
Mooresville	Municipality	B	Southwest
Morehead City	Municipality	E	Southeast
Morganton	Municipality	D	Northwest
Morrisville	Municipality	C	North Central
Morven	Municipality	F	Southwest
Mount Airy	Municipality	D	Piedmont-Triad
Mount Gilead	Municipality	F	Sandhills
Mount Holly	Municipality	D	Southwest
Mount Olive	Municipality	F	Southeast
Mount Pleasant	Municipality	F	Southwest
Murfreesboro	Municipality	F	Northeast
Murphy	Municipality	F	West
Nags Head	Municipality	F	Northeast
Nash County	County	B	North Central
Nashville	Municipality	E	North Central
Navassa	Municipality	F	Southeast
New Bern	Municipality	C	Southeast
New Hanover County	County	A	Southeast
New London	Municipality	F	Southwest
Newland	Municipality	F	Northwest
Newport	Municipality	F	Southeast
Newton	Municipality	D	Northwest
Newton Grove	Municipality	F	Sandhills
Norlina	Municipality	F	North Central
Norman	Municipality	F	Sandhills

North Topsail Beach	Municipality	F	Southeast
North Wilkesboro	Municipality	F	Northwest
Northampton County	County	D	Northeast
Northwest	Municipality	F	Southeast
Norwood	Municipality	F	Southwest
Oak City	Municipality	F	Northeast
Oak Island	Municipality	E	Southeast
Oak Ridge	Municipality	E	Piedmont-Triad
Oakboro	Municipality	F	Southwest
Ocean Isle Beach	Municipality	F	Southeast
Old Fort	Municipality	F	Northwest
Onslow County	County	A	Southeast
Orange County	County	A	North Central
Oriental	Municipality	F	Southeast
Orrum	Municipality	F	Sandhills
Ossipee	Municipality	F	Piedmont-Triad
Oxford	Municipality	E	North Central
Pamlico County	County	D	Southeast
Pantego	Municipality	F	Northeast
Parkton	Municipality	F	Sandhills
Parmele	Municipality	F	Northeast
Pasquotank County	County	C	Northeast
Patterson Springs	Municipality	F	Southwest
Peachland	Municipality	F	Southwest
Peletier	Municipality	F	Southeast
Pembroke	Municipality	F	Sandhills
Pender County	County	B	Southeast
Perquimans County	County	D	Northeast
Person County	County	C	North Central
Pikeville	Municipality	F	Southeast
Pilot Mountain	Municipality	F	Piedmont-Triad
Pine Knoll Shores	Municipality	F	Southeast
Pine Level	Municipality	F	North Central
Pinebluff	Municipality	F	Sandhills
Pinehurst	Municipality	D	Sandhills
Pinetops	Municipality	F	North Central
Pineville	Municipality	D	Southwest
Pink Hill	Municipality	F	Southeast

Pitt County	County	A	Northeast
Pittsboro	Municipality	F	North Central
Pleasant Garden	Municipality	E	Piedmont-Triad
Plymouth	Municipality	F	Northeast
Polk County	County	D	West
Polkton	Municipality	F	Southwest
Polkville	Municipality	F	Southwest
Pollocksville	Municipality	F	Southeast
Powellsville	Municipality	F	Northeast
Princeton	Municipality	F	North Central
Princeville	Municipality	F	North Central
Proctorville	Municipality	F	Sandhills
Raeford	Municipality	F	Sandhills
Raleigh	Municipality	A	North Central
Ramseur	Municipality	F	Piedmont-Triad
Randleman	Municipality	F	Piedmont-Triad
Randolph County	County	A	Piedmont-Triad
Ranlo	Municipality	F	Southwest
Raynham	Municipality	F	Sandhills
Red Cross	Municipality	F	Southwest
Red Oak	Municipality	F	North Central
Red Springs	Municipality	F	Sandhills
Reidsville	Municipality	D	Piedmont-Triad
Rennert	Municipality	F	Sandhills
Rhodhiss	Municipality	F	Northwest
Rich Square	Municipality	F	Northeast
Richfield	Municipality	F	Southwest
Richlands	Municipality	F	Southeast
Richmond County	County	C	Sandhills
River Bend	Municipality	F	Southeast
Roanoke Rapids	Municipality	D	Northeast
Robbins	Municipality	F	Sandhills
Robbinsville	Municipality	F	West
Robersonville	Municipality	F	Northeast
Robeson County	County	A	Sandhills
Rockingham	Municipality	E	Sandhills
Rockingham County	County	B	Piedmont-Triad
Rockwell	Municipality	F	Southwest

Rocky Mount	Municipality	B	North Central
Rolesville	Municipality	E	North Central
Ronda	Municipality	F	Northwest
Roper	Municipality	F	Northeast
Rose Hill	Municipality	F	Southeast
Roseboro	Municipality	F	Sandhills
Rosman	Municipality	F	West
Rowan County	County	A	Southwest
Rowland	Municipality	F	Sandhills
Roxboro	Municipality	E	North Central
Roxobel	Municipality	F	Northeast
Rural Hall	Municipality	F	Piedmont-Triad
Ruth	Municipality	F	West
Rutherford College	Municipality	F	Northwest
Rutherford County	County	B	West
Rutherfordton	Municipality	F	West
Saint Helena	Municipality	F	Southeast
Saint James	Municipality	E	Southeast
Saint Pauls	Municipality	F	Sandhills
Salemburg	Municipality	F	Sandhills
Salisbury	Municipality	C	Southwest
Saluda	Municipality	F	West
Sampson County	County	B	Sandhills
Sandy Creek	Municipality	F	Southeast
Sandyfield	Municipality	F	Sandhills
Sanford	Municipality	C	North Central
Saratoga	Municipality	F	North Central
Sawmills	Municipality	E	Northwest
Scotland County	County	C	Sandhills
Scotland Neck	Municipality	F	Northeast
Seaboard	Municipality	F	Northeast
Seagrove	Municipality	F	Piedmont-Triad
Sedalia	Municipality	F	Piedmont-Triad
Selma	Municipality	E	North Central
Seven Devils	Municipality	F	Northwest
Seven Springs	Municipality	F	Southeast
Severn	Municipality	F	Northeast
Shalotte	Municipality	F	Southeast

Sharpsburg	Municipality	F	North Central
Shelby	Municipality	D	Southwest
Siler City	Municipality	E	North Central
Simpson	Municipality	F	Northeast
Sims	Municipality	F	North Central
Smithfield	Municipality	D	North Central
Snow Hill	Municipality	F	Southeast
Southern Pines	Municipality	D	Sandhills
Southern Shores	Municipality	F	Northeast
Southport	Municipality	F	Southeast
Sparta	Municipality	F	Northwest
Speed	Municipality	F	North Central
Spencer	Municipality	F	Southwest
Spindale	Municipality	F	West
Spring Hope	Municipality	F	North Central
Spring Lake	Municipality	D	Sandhills
Spruce Pine	Municipality	F	Northwest
Staley	Municipality	F	Piedmont-Triad
Stallings	Municipality	D	Southwest
Stanfield	Municipality	F	Southwest
Stanley	Municipality	F	Southwest
Stanly County	County	B	Southwest
Stantonsburg	Municipality	F	North Central
Star	Municipality	F	Sandhills
Statesville	Municipality	C	Southwest
Stedman	Municipality	F	Sandhills
Stem	Municipality	F	North Central
Stokes County	County	C	Piedmont-Triad
Stokesdale	Municipality	E	Piedmont-Triad
Stoneville	Municipality	F	Piedmont-Triad
Stonewall	Municipality	F	Southeast
Stovall	Municipality	F	North Central
Sugar Mountain	Municipality	F	Northwest
Summerfield	Municipality	D	Piedmont-Triad
Sunset Beach	Municipality	F	Southeast
Surf City	Municipality	F	Southeast
Surry County	County	B	Piedmont-Triad
Swain County	County	D	West

Swansboro	Municipality	F	Southeast
Swepsonville	Municipality	F	Piedmont-Triad
Sylva	Municipality	F	West
Tabor City	Municipality	F	Sandhills
Tar Heel	Municipality	F	Sandhills
Tarboro	Municipality	D	North Central
Taylorsville	Municipality	F	Northwest
Taylorstown	Municipality	F	Sandhills
Teachey	Municipality	F	Southeast
Thomasville	Municipality	C	Piedmont-Triad
Tobaccoville	Municipality	F	Piedmont-Triad
Topsail Beach	Municipality	F	Southeast
Transylvania County	County	C	West
Trent Woods	Municipality	F	Southeast
Trenton	Municipality	F	Southeast
Trinity	Municipality	E	Piedmont-Triad
Troutman	Municipality	F	Southwest
Troy	Municipality	F	Sandhills
Tryon	Municipality	F	West
Turkey	Municipality	F	Sandhills
Tyrrell County	County	F	Northeast
Union County	County	A	Southwest
Unionville	Municipality	E	Southwest
Valdese	Municipality	F	Northwest
Vance County	County	C	North Central
Vanceboro	Municipality	F	Southeast
Vandemere	Municipality	F	Southeast
Varnamtown	Municipality	F	Southeast
Vass	Municipality	F	Sandhills
Waco	Municipality	F	Southwest
Wade	Municipality	F	Sandhills
Wadesboro	Municipality	E	Southwest
Wagram	Municipality	F	Sandhills
Wake County	County	A	North Central
Wake Forest	Municipality	C	North Central
Walkertown	Municipality	E	Piedmont-Triad
Wallace	Municipality	F	Southeast
Wallburg	Municipality	F	Piedmont-Triad

Walnut Cove	Municipality	F	Piedmont-Triad
Walnut Creek	Municipality	F	Southeast
Walstonburg	Municipality	F	Southeast
Warren County	County	D	North Central
Warrenton	Municipality	F	North Central
Warsaw	Municipality	F	Southeast
Washington	Municipality	E	Northeast
Washington County	County	D	Northeast
Washington Park	Municipality	F	Northeast
Watauga County	County	B	Northwest
Watha	Municipality	F	Southeast
Waxhaw	Municipality	D	Southwest
Wayne County	County	A	Southeast
Waynesville	Municipality	D	West
Weaverville	Municipality	F	West
Webster	Municipality	F	West
Weddington	Municipality	D	Southwest
Weldon	Municipality	F	Northeast
Wendell	Municipality	E	North Central
Wentworth	Municipality	F	Piedmont-Triad
Wesley Chapel	Municipality	E	Southwest
West Jefferson	Municipality	F	Northwest
Whispering Pines	Municipality	E	Sandhills
Whitakers	Municipality	F	North Central
White Lake	Municipality	F	Sandhills
Whiteville	Municipality	F	Sandhills
Whitsett	Municipality	F	Piedmont-Triad
Wilkes County	County	B	Northwest
Wilkesboro	Municipality	F	Northwest
Williamston	Municipality	E	Northeast
Wilmington	Municipality	A	Southeast
Wilson	Municipality	C	North Central
Wilson County	County	B	North Central
Wilson's Mills	Municipality	F	North Central
Windsor	Municipality	F	Northeast
Winfall	Municipality	F	Northeast
Wingate	Municipality	F	Southwest
Winston-Salem	Municipality	A	Piedmont-Triad

Winterville	Municipality	D	Northeast
Winton	Municipality	F	Northeast
Woodfin	Municipality	E	West
Woodland	Municipality	F	Northeast
Wrightsville Beach	Municipality	F	Southeast
Yadkin County	County	C	Piedmont-Triad
Yadkinville	Municipality	F	Piedmont-Triad
Yancey County	County	D	Northwest
Yanceyville	Municipality	F	Piedmont-Triad
Youngsville	Municipality	F	North Central
Zebulon	Municipality	E	North Central

Appendix D: Full Responses to Open-Ended Questions

Table I: Sources of scholarships reported by responding parks and recreation departments in NC.

general & donations from churches & businesses
gifts and fundraising
general fund
general
gifts
gifts
General Fund
At check out of each registration, there is the opportunity to donate \$5 to help another participant in need.
Gifts
Kiwanis Club
Gifted from Friends of Group
Offset revenue
Gifts and General Fund
JCPC Scholarship fund
Absorbed into operating expenses
General Fund
County Budget
non-payment
External Non Profit
Donations, Lease Payments, Concessions, Fundraisers

Table II: Other types of capital improvement by parks and recreation directors in NC.

building improvements
Facility renovation
Equipment
Paved Trails
Updated Master Plans
Playground Equipment
Building Renovation
Buildings Updated
Facility Improvements
Trail/Greenway Development
We do not have an "approved" CIP plan by our City Council. I plan and request for park improvements and vehicles, but my CIP items have not been funded
ADA upgrades
Facility Construction
Trail Construction
River Access Construction

New park development
Greenway Construction
Trails
equipment

Table III: Detailed responses of how youth sports leagues are managed by parks and recreation departments in NC.

We offer 3-5-year-old sports only. The County offers all the other ages.
They are ran by the county parks and recreation department
Administered through Parks & Rec Programs with contractors
2 non-profit groups. Soccer association and baseball/softball association
We have an Athletic Director on staff along with sports coordinators for each sport to run and manage all athletics.
County Recreation handles all field athletics
It is a mix of youth sports associations and programs ran through the Parks and Rec. dept. We supply and maintain the facilities and do not charge youth sports associations for use of the fields.
NonProfit Organizations and the County Parks and Recreation Department manage all Youth Sports programs. The Town provides the fields and the County or Youth Sports Organization provides all administration. The Town does not charge the county for use through an MOU but does charge the Non-profit Youth Organization.
Baseball/softball and soccer - run at our park, but by volunteer organization (Little League). They pay player fees to the City, we maintain fields, provide marking lime, etc.
Department provides athletic leagues and partners with other Recreation Departments when needed.
The private organizations are not funded by the City. There is some overlap in the sports that are offered but the private leagues offer Soccer and Softball which we do not offer.
We have a mix of town ran and private organization ran (Soccer and baseball/softball)
Local Government, YMCA both have leagues. Private organizations run football leagues.
We partner with the neighboring municipality to offer our largest sport. All other sports, we partner with the local organizations to offer them.
The town offers youth leagues within the beginner levels. The private organizations offer a more challenging level and we use our programs as a feeder into their programs.
Albemarle PR coordinates all the leagues within our jurisdiction. We do region scheduling (county-wide and other surrounding counties), host games, hire officials, etc.
Our Recreation Department
We offer our own programs while organizations offer sports we do not such as soccer, lacrosse, rugby
The City managers most sports, but we have an agreement with a private soccer organization that runs all soccer-related programs with free use of our facilities.
Recreation Department runs the programs
Athletic staff hired to coordinate youth sports
The YMCA of Greater Spartanburg runs our youth programs. We do not allocate any funds to them and they do not charge us.
The Town does not have active recreation space currently and therefore does not provide youth sports programs. They are provided by the County and private associations at their facilities.
Athletic Associations, local YMCA, Churches manage all youth athletics leagues. Our department focuses on camps, and individual skill development

Basketball youth leagues largely managed by the department. Baseball, softball, soccer largely managed by nonprofit organizations
My department handles registration for youth sports and schedules games and practices. My department contracts with a booking agent to pay officials for games called - we do not have the officials on our payroll.
Youth sports are provided by our Parks and Rec department and travel leagues.
The City handles youth basketball, youth soccer, youth baseball/softball, and youth flag football. Any other sport is handled by either private associations or the Y.
Locally through the Recreation & Parks Department
City and County government have recreation departments in our county. We also have a private soccer club and a local town that has a summer softball league.
Local Gov't manages certain youth sports leagues (basketball, volleyball, tennis, archery). Private league associations manage all the rest. The County does not give the private associations any funds to manage those leagues.
Youth sports are coordinated by local youth sports associations.
league organizations Recreation staff
Cities and Town Departments offer youth sports to their citizens and surround areas. Private organization offers youth sports to citizens in unincorporated western part of the County.
County Parks runs Youth Football, Cheer, Soccer and Basketball. Baseball and softball after ages 12 years old and up. Athletic Superintendent runs all sports programs.
Soccer and Lacrosse organizations may use/rent field space. The town runs basketball, baseball, and softball youth leagues.
We currently don't manage any youth sports. Private associations and local government entities manage the teams using contracted coaches and collecting funds through program/sign-up fees. Concession fees and individual contracts are managed by the organization in charge and revenue funnels back into the maintenance/upkeep costs.
Run and funded by non-profits. We provide facilities for use for free
All youth sports are offered and managed by a mix of dedicated Athletic staff and Community Center directors for the organization.

Appendix E: Questionnaire



Dear Parks and Recreation Agency Director,

It is the time of year when the Recreation Resources Service (RRS) conducts the Municipal and County Parks and Recreation Services Study (MCPRSS).

RRS conducts the study annually and publishes an Executive Report of the results. The primary focus of the current study is a look into parks and recreation fees.

Instructions

Please take time to complete this online questionnaire by September 14, 2022. Click the blue forward arrow below to begin the questionnaire. Please use the blue forward and back arrows to navigate back and forth through sections.

Please be aware that when you click the "complete" button at the end of the survey, you will NOT be able to return to the survey to update/edit your information.

Section I. - Department Contact Information

Please select your department from the following drop-down menu. If your department is not listed, please select the option 'department not listed'.

If not listed, please enter the name of your department below.

What type of local government do you represent?

- Municipality
- County
- Combination (multi-jurisdiction)

What is the zip code of your main office's physical location?

Survey Taker's Name

Survey Taker's Phone Number

Survey Taker's Email

Section II: Parks and Recreation Finances

Departmental Budget

The following questions relate to your department's budget for FY21-22

What was your TOTAL budget for July 1 2021 - June 30th 2022 (FY 21-22)?

What were your TOTAL operating expenditures for July 1 2021 - June 30th 2022 (FY 21-22)?

What were your TOTAL capital expenditures for July 1 2021 - June 30th 2022 (FY 21-22)?

What was your TOTAL revenue for July 1 2021 - June 30th 2022 (FY 21-22)?

Departmental Revenue

Please use the following definitions to report revenue.

- **Program Fees:** Revenues from recreation program fee
- **Concessions:** Revenues from contracted or self-run food and beverage operations at park facilities
- **Facility Rentals:** Revenues from use of gyms, tennis courts, basketball courts, shelters, rooms, etc.
- **Federal Grant:** All monies awarded by federal grants to support recreation and parks
- **State Grant:** All monies awarded by state grants to support recreation and parks Local
- **Grant:** All monies awarded by local grants to support recreation and parks Other Local
- **Government Entities:** Monies and/or non-grants, provided by other local governments to support the provision of recreation and parks
- **Gifts:** All monies freely given for recreation and parks for their operation and not as a result of services rendered or payments required.
- **Mandatory Land Dedication:** All monies solely for acquisition, development or rehabilitation of park land or improvements realized from subdivision ordinance fee-in-lieu option.
- **Hotel/Motel Occupancy Tax:** All monies realized for recreation and parks operation/capital improvements from local occupancy tax.

Please list the estimated revenue / funds from each category for July 1 2021 - June 30th 2022 (FY 21-22):

General fund

Program fees

Concessions

Facility use charges / rentals

Federal grant sources

State grant sources

Other local government

Entities

Gifts

Mandatory land dedication

Hotel/motel occupancy tax

Please estimate any alternative funding source amounts for each. If none, you may skip this question.

Sponsorships

Naming rights

Donated funds to build facilities (picnic shelter, basketball court, etc.)

Donations from a 'Friends' group or other NGO

Other (please specify amount)

If you entered a value for 'other' above, please specify the funding source here.

Other (please specify amount)

If you entered a value for 'other' above, please specify the funding source here.

Other (please specify amount)

If you entered a value for 'other' above, please specify the funding source here.

Other (please specify amount)

If you entered a value for 'other' above,
please specify the funding source here.

Does your department offer need-based scholarships to low-income residents?

- Yes
- No

How much in scholarships did your department offer for July 1 2021 - June 30th 2022 (FY 21-22)

What is the fund source for these scholarships? (e.g. general, gifts, etc.)

Cost Recovery

What percentage of your total operating budget did you recover through fees, charges, and other sources for July 1 2021 - June 30th 2022 (FY 21-22)?

Please estimate a breakdown (in percentages) of this cost recovery using the categories below for July 1 2021 - June 30th 2022 (FY 21-22):

Fees

Programs

Festivals

Memberships

Other (please specify amount)

If you selected 'other' above, please specify here

Other (please specify amount)

If you selected 'other' above, please specify here

Are you required by your local government to have a certain % of your operating budget recovered through fees and charges?

- Yes
- No

What percentage of your operating budget are you required to have recovered through fees and charges?

Section III. Capital Expenditures & Financing

Capital Improvement Plan

A Capital Improvement Plan (CIP) is a multi-year plan that lists all the capital expenditures for all park and recreation projects that a local government has approved for funding

and scheduled for the near future. The plan is typically a component of the local government's regular budget cycle.

Do you have a capital improvement plan?

- Yes
- No

Please check all types of capital improvement below that you have budgeted for the next five years. If none, please skip this question.

- Park improvements
- Land purchase
- Vehicles
- Other
- Other
- Other

Do you anticipate having a capital improvement plan in the near future?

- Yes
- No

What would help you move forward with drafting a capital improvement plan?

Bond Referendum

Does your department have an approved recreation-focused bond that you are currently able to spend?

- Yes
- No

Do you plan to put a recreation-focused bond on the ballot in the next 5 years?

- Yes
- No

Section IV: Contracted Services for Youth Sports & Festivals

Youth Sports

How are youth sports managed in your jurisdiction?

- Local government
- Private associations
- Mix of local government and private associations

Please indicate how much funding you allocated to private associations (contracted services) for youth sports in FY21-22

Please estimate the percentage of funding for youth sports that was allocated to private associations (contracted services) for youth sports in FY21-22

Please explain in detail how youth sports are managed in your jurisdiction

Please list the percentage of cost recovery for all youth sports programs within your jurisdiction for FY 21-22

Festivals

Did your department manage a festival for FY 21-22?

- Yes
- No

What were the total costs associated with the festival?

Did you contract out any work associated with the festival to an outside organization?

- Yes
- No

What percentage of the **overall** festival costs were associated with contracting out the following services? Please report a number (without the percent sign).

Marketing the festival

Planning the festival

Other (please specify amount)

If you entered a value for 'other' above, please specify the type of contracted work here

Other (please specify amount)

If you entered a value for 'other' above, please specify the type of contracted work here

What percentage of the festival costs were associated with using local police / firefighters / public works / other local employees?

Please list all of the functions for the festival associated with the private organization you contracted with

Do you have any additional comments you'd like to provide?

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NC STATE UNIVERSITY College of Natural Resources

