

A SURVEY OF EXISTING AND NEEDED
RECREATIONAL FACILITIES IN SELECTED KANSAS COMMUNITIES
WITH POPULATIONS BETWEEN TEN AND FIFTY THOUSAND

by 6408

LAREN R. WINTER

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Major Professor

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TABLE OF CONTENTS

INTRODUCTION	1
Purpose	2
Method of Study	3
RESULTS AND DISCUSSION	4
SUMMARY	98
ACKNOWLEDGMENTS	100
APPENDIX	101

LIST OF TABLES

TABLE	PAGE
I. Arkansas City	5
Ia. Existing Outdoor Facilities and Population	5
Ib. Needed Outdoor Facilities and National Standards	7
Ic. Existing Indoor Facilities	9
Id. Needed Indoor Facilities and National Standards	10
II. Chanute	11
IIa. Existing Outdoor Facilities and Population	11
IIb. Needed Outdoor Facilities and National Standards	13
IIc. Existing Indoor Facilities	15
IId. Needed Indoor Facilities and National Standards	16
III. Hays	17
IIIa. Existing Outdoor Facilities and Population	17
IIIb. Needed Outdoor Facilities and National Standards	20
IIIc. Existing Indoor Facilities	21
IIId. Needed Indoor Facilities and National Standards	22
IV. Hutchinson	23
IVa. Existing Outdoor Facilities and Population	23
IVb. Needed Outdoor Facilities and National Standards	25
IVc. Existing Indoor Facilities	27
IVd. Needed Indoor Facilities and National Standards	29
V. Independence	30
Va. Existing Outdoor Facilities and Population	30
Vb. Needed Outdoor Facilities and National Standards	33

TABLE	PAGE
Vc. Existing Indoor Facilities	34
Vd. Needed Indoor Facilities and National Standards . .	35
VI. Lawrence	36
VIa. Existing Outdoor Facilities and Population	36
VIb. Needed Outdoor Facilities and National Standards . .	38
VIc. Existing Indoor Facilities	40
VIId. Needed Indoor Facilities and National Standards . .	41
VII. Leavenworth	43
VIIa. Existing Outdoor Facilities and Population	43
VIIb. Needed Outdoor Facilities and National Standards . .	45
VIIc. Existing Indoor Facilities	47
VIId. Needed Indoor Facilities and National Standards . .	48
VIII. Manhattan	49
VIIIa. Existing Outdoor Facilities and Population	49
VIIIb. Needed Outdoor Facilities and National Standards . .	52
VIIIc. Existing Indoor Facilities	54
IIId. Needed Indoor Facilities and National Standards . .	55
IX. McPherson	56
IXa. Existing Outdoor Facilities and Population	56
IXb. Needed Outdoor Facilities and National Standards . .	58
IXc. Existing Indoor Facilities	59
IXd. Needed Indoor Facilities and National Standards . .	60
X. Parsons	61
Xa. Existing Outdoor Facilities and Population	61
Xb. Needed Outdoor Facilities and National Standards . .	63
Xc. Existing Indoor Facilities	65

TABLE	PAGE
Xd. Needed Indoor Facilities and National Standards . .	66
XI. Pittsburg	67
XIa. Existing Outdoor Facilities and Population	67
XIb. Needed Outdoor Facilities and National Standards . .	70
XIc. Existing Indoor Facilities	72
XId. Needed Indoor Facilities and National Standards . .	73
XII. Olathe	74
XIIa. Existing Outdoor Facilities and Population	74
XIIb. Needed Outdoor Facilities and National Standards . .	76
XIIc. Existing Indoor Facilities	77
XIIId. Needed Indoor Facilities and National Standards . .	78
XIII. Ottawa	79
XIIIa. Existing Outdoor Facilities and Population	79
XIIIb. Needed Outdoor Facilities and National Standards . .	81
XIIIc. Existing Indoor Facilities	83
XIIId. Needed Indoor Facilities and National Standards . .	84
XIV. Salina	84
XIVa. Existing Outdoor Facilities and Population	84
XIVb. Needed Outdoor Facilities and National Standards . .	87
XIVc. Existing Indoor Facilities	90
XIVd. Needed Indoor Facilities and National Standards . .	91
XV. Winfield	92
XVa. Existing Outdoor Facilities and Population	92
XVb. Needed Outdoor Facilities and National Standards . .	95
XVc. Existing Indoor Facilities	96
XVd. Needed Indoor Facilities and National Standards . .	97

INTRODUCTION

Recreation is no longer the lone concept about "refreshment after toil." Instead, it is now part of the American life. Recreation is an integral part of the quality of life one generation hopes to achieve and pass on to the next. A community can grow from an area with selected recreation activities for teenagers - to a community with a cultural environment responsive to the interests of all ages and groups of people. Or, recreation may bloom from a community that first offers a summer recreation program to a community employing qualified, full-time staff operating year-around programs and facilities.

It was necessary for past generations to improve economic levels so that the new concept of a quality environment could evolve. Now, it is necessary for present generations to plan properly if these levels of environmental quality are to be maintained and preserved for present and future generations.

Many communities supply examples of ineffective attempts to provide community recreation opportunities where areas, facilities, and programs were developed without regard to the needs of the people. They are misplaced, improperly designed, and, due to lack of competent management, often unavailable.

As urban pressures grow, the task of improving quality open space and recreation service will become even more difficult. If recreation and other public officials are to be

responsive to the present and future needs of their communities, they must be guided by standards that recognize cultural, geographic and economic realities.¹

Purpose

The purpose of this report was to evaluate and list the types of indoor and outdoor recreational facilities in selected Kansas communities and from this to determine what additional facilities were needed in each of these cities in order to meet National Standards for facilities according to their populations. Also it was a purpose of this report to point out to the Superintendents of Recreation in each of these cities what facilities were lacking.

It must be mentioned at this time that each area will have a different standard. No two communities are exactly alike. There is little similarity between the recreational needs in our affluent suburbs, rural America, or the teeming poverty areas of the inner city. Factors such as climate, population characteristics, socio-economics, and local traditions must be analyzed. To be effective in any given situation, standards should satisfy certain criteria, such as: needs of the

1. Murry, Roger D. and Twardzik, Louis F., "Planning Community-Wide Recreation", Extension Bulletin e-684, Cooperative Extension Service, Michigan State University, East Lansing, Michigan, May 1970, page 3.

people in the specific area being served; substantially attainable; acceptable and usable to the practitioner and policy maker; based on sound principles, and the best available information; and they must stand the test of time.²

There is a need for Recreation Facility Standards because communities need guidelines to follow in planning for public recreation. Since the selected Kansas communities were so similar in their recreational needs, this report was based upon standards according to their populations, as this is the approach most studies follow in setting recreational standards for a city.

Method of Study

A questionnaire was prepared in order to secure information for this study with the help of Mr. Ray Wauthier, Associate Professor of Physical Education at Kansas State University and Mr. Frank Anneberg, Superintendent of Recreation for the city of Manhattan, Kansas.

Upon approval of the questionnaire by Mr. Ray Wauthier a pilot questionnaire was given to Mr. Frank Anneberg. The reason for the pilot questionnaire was to determine whether Superintendents of Recreation could understand and complete it

2. Buechner, Robert D., National Park Recreation and Open Space Standards, a publication of the National Recreation and Park Association.

without too much difficulty. Three questionnaires were then mailed to the Superintendents in Hutchinson, Pittsburg, and Lawrence to determine if the length of the questionnaire was too extensive and whether it would take too much time and trouble for them to be completed. After receiving the three completed questionnaires, the other cities included in the survey were mailed questionnaires.

Twenty-three questionnaires were mailed to cities with populations between ten and fifty thousand. Sixty-five per cent of the questionnaires mailed out were returned. questionnaires were returned from Arkansas City, Chanute, Hays, Hutchinson, Independence, Lawrence, Leavenworth, Manhattan, McPherson, Parsons, Pittsburg, Olathe, Ottawa, Salina, and Winfield.

For the convenience of each Superintendent, a return, self-addressed, and stamped envelope was included with each questionnaire. A copy of the questionnaire and the letter sent to the Superintendents of Recreation is included in the Appendix of this report.

RESULTS AND DISCUSSION

Table Ia lists outdoor facilities that exist in Arkansas City. The results were taken from part two of the questionnaire.

TABLE Ia
ARKANSAS CITY

Population	16,000
Existing Outdoor Facilities	Number
Athletic fields (lighted)	5
Athletic fields (unlighted)	2
Badminton court (unlighted)	1
Baseball diamonds (lighted)	3
Baseball diamonds (unlighted)	1
Bandshell	1
Basketball courts (lighted)	6
Basketball courts (unlighted)	8
Boating area	1
Campsite area	1
Day camps	2
Drag strip	1
Driving range (lighted)	1
Driving range (unlighted)	1
Fishing areas	3
Golf courses (miniature)	1
Golf courses (municipal)	2
Gun range (unlighted)	1
Hiking areas	many
Horseback riding areas	1

TABLE Ia (Continued)

Existing Outdoor Facilities	Number
Hunting areas	2
Jogging areas	2
Lakes	2
Model airplane fields	2
Nature walks	2
Parks (neighborhood)	4
Parks (vest-pocket)	7
Paved multiple-use areas	2
Picnic areas	11
Play apparatus areas	8
Play fields (park)	13
Play fields (school)	12
Pool (country club)	1
Pool (municipal)	1
Practice diamonds	8
Roller skating rink	1
Softball diamond-men's (lighted)	1
Softball diamond-men's (unlighted)	1
Softball diamond-women's (lighted)	1
Softball diamond-women's (unlighted)	1
Stadiums	2
Tennis courts (lighted)	2

TABLE Ia (Continued)

Existing Outdoor Facilities	Number
Tot-lot	1
Volleyball court (lighted)	1

Arkansas City had a total of thirty-seven different outdoor facilities and a total of one hundred thirty-one facilities. They had more playfields, twenty-five, than any other facility.

Table Ib lists the outdoor facilities that Arkansas City needs in order to meet national standards for its population.

TABLE Ib

Needed Outdoor Facilities	National Standard	Number Needed
Arboretum	1 per community	1
Badminton court (lighted)	1 per 5,000 people	1
Badminton court (unlighted)	1 per 5,000 people	1
Botanical garden	1 per community	1
Boccie court	1 per 10,000 people	1
Croquet court	1 per 10,000 people	1
Handball court	1 per 10,000 people	1
Horseshoe court	1 per 10,000 people	1

TABLE Ib (Continued)

Needed Outdoor Facilities	National Standard	Number Needed
Nature walks	1 per 1,000 people	12
Park (neighborhood)	1 per 3,000 people	1
Paved multiple-use areas	1 per 1,000 people	14
Play apparatus areas	1 per 500 people	8
Shuffleboard court	1 per 10,000 people	1
Softball diamond	1 per 3,000 people	1
Tennis courts (lighted)	1 per 2,000 people	2
Tennis courts (unlighted)	1 per 2,000 people	4
Tot-lots	1 per 1,000 people	2

Arkansas City needed sixteen different outdoor facilities and a total of fifty facilities. In comparing its existing outdoor facilities, listed in Table Ia, with the national standard scale, listed in Table Ib, it was found that Arkansas City needed the following outdoor facilities to meet national standards for its population: 14 paved multiple-use areas, 12 nature walks, 8 play apparatus areas, 4 unlighted tennis courts, 2 lighted tennis courts, 2 tot-lots, 1 arboretum, 1 lighted badminton court, 1 unlighted badminton court, 1 botanical garden, 1 bocce court, 1 croquet court, 1 handball court, 1 horseshoe court, 1 neighborhood park, 1 shuffleboard court, and 1 softball diamond.

Table Ic lists indoor facilities that exist in Arkansas City. The results were taken from part four of the questionnaire.

TABLE Ic

Existing Indoor Facilities	Number
Archery range	1
Armory	1
Arts and crafts center	1
Bowling alley	1
Community buildings	2
Gun range	1
Gymnasiums (school)	2
Library	1
Memorial hall	1
Theaters	2
Museums	3
Park buildings	1
Pool rooms	3
Recreation center	1
Roller skating rink	1
School buildings	3
Tennis courts	2
Volleyball courts	1
Youth center	1

Arkansas City had nineteen different indoor facilities and a total of twenty-nine facilities. Arkansas City had more museums, pool rooms, and school buildings, three, than any other facility.

Table Id lists the indoor facilities that Arkansas City needs in order to meet national standards for its population.

TABLE Id

Needed Indoor Facilities	National Standard	Number Needed
Swimming pool	1 per 10,000 people	1

Arkansas City needed one indoor facility. In comparing its existing indoor facilities, listed in Table Ic, with the national standard scale, listed in Table Id, it was found that Arkansas City needed the following indoor facilities to meet national standards for its population: 1 swimming pool.

The Arkansas City Superintendent stated that there was a tremendous need for indoor basketball courts because the junior college, high school, junior high, grade school, and the recreation commission were all trying to operate on two regulation size basketball courts.

Table IIa lists outdoor facilities that exist in Chanute. The results were taken from part two of the questionnaire.

TABLE IIa

CHANUTE

Population	12,500
Existing Outdoor Facilities	Number
Archery range	1
Arboretums	2
Athletic fields (lighted)	4
Athletic fields (unlighted)	7
Badminton courts (unlighted)	4
Baseball diamonds (lighted)	3
Baseball diamonds (unlighted)	7
Band shell	1
Basketball courts (lighted)	8
Basketball courts (unlighted)	2
Boating area	1
Campsite area	1
Croquet courts (unlighted)	2
Dance pavilion	1
Driving range (unlighted)	1
Fishing areas	2
Golf course (municipal)	1
Hiking area	1
Horseback riding area	1
Horseshoe courts (unlighted)	4

TABLE IIa (Continued)

Existing Outdoor Facilities	Number
Jogging area	1
Lakes	2
Marina	1
Nature walk	1
Parks (neighborhood)	3
Parks (vest pocket)	2
Parkways and scenic corridor	1
Paved multiple-use area	1
Picnic areas	24
Play apparatus areas	4
Play fields (park)	7
Play fields (school)	8
Pool (country club)	1
Pool (municipal)	1
Pool (wading)	1
Practice diamonds	4
Running track	1
Shuffleboard courts (lighted)	4
Shuffleboard courts (unlighted)	2
Softball diamond-men's (lighted)	1
Softball diamond-women's (unlighted)	1
Stadium	1

TABLE IIa (Continued)

Existing Outdoor Facilities	Number
Swimming beach	1
Tennis courts (lighted)	2
Tennis courts (unlighted)	2
Tot-lot	1
Volleyball courts (unlighted)	4
Zoo	1

Chanute had a total of forty-two different outdoor facilities and a total of one hundred thirty-six facilities. There were more picnic areas, twenty-four, than any other facility.

Table IIb lists the outdoor facilities that Chanute needs in order to meet national standards for its population.

TABLE IIb

Needed Outdoor Facilities	National Standard	Number Needed
Badminton court (lighted)	1 per 5,000 people	1
Botanical garden	1 per community	1
Boccie court	1 per 10,000 people	1
Handball court	1 per 10,000 people	1
Horseshoe court (lighted)	1 per 10,000 people	1

TABLE IIb (Continued)

Needed Outdoor Facilities	National Standard	Number Needed
Park (neighborhood)	1 per 3,000 people	1
Paved multiple-use areas	1 per 1,000 people	11
Play apparatus area	1 per 500 people	20
Softball diamond-men's	1 per 3,000 people	1
Softball diamond-women's	1 per 3,000 people	1
Tennis court (lighted)	1 per 2,000 people	1
Tennis court (unlighted)	1 per 2,000 people	1
Tot-lots	1 per 1,000 people	11
Volleyball court (lighted)	1 per 10,000 people	1

Chanute recorded fourteen different outdoor facilities and a total of twenty-four facilities that they needed. In Comparing its existing outdoor facilities, listed in Table IIa, with the national standard scale, listed in Table IIb, it was found that Chanute needed the following outdoor facilities to meet national standards for its population: 20 play apparatus areas, 11 paved multiple-use areas, 11 tot-lots, 1 lighted badminton court, 1 botanical garden, 1 bocce court, 1 handball court, 1 lighted horseshoe court, 1 neighborhood park, 1 men's softball diamond, 1 women's softball diamond, 1 lighted tennis court, 1 unlighted tennis court, and 1 lighted volleyball court.

Table IIc lists indoor facilities that exist in Chanute. The results were taken from part four of the questionnaire.

TABLE IIc

Existing Indoor Facilities	Number
Archery range	1
Armory	1
Arts and crafts center	1
Bowling alleys	2
Community buildings	4
Golf range	1
Gymnasium (municipal)	1
Gymnasiums (school)	7
Libraries	2
Memorial hall	1
Movie theater	1
Museum	1
Park buildings	2
Pool room	1
Privately owned building	1
Recreation centers	2
School buildings	9
Senior citizen center	1
Shuffleboard court	1

TABLE IIc (Continued)

Existing Indoor Facilities	Number
Volleyball courts	2
Youth centers	2

Chanute had twenty-one different indoor facilities and a total of forty-four facilities. Chanute had more school buildings, nine, than any other facility.

Table IIId lists the indoor facilities that Chanute needs in order to meet national standards for its population.

TABLE IIId

Needed Indoor Facilities	National Standard	Number Needed
Handball court	1 per 10,000 people	1
Swimming pool	1 per 10,000 people	1

Chanute needs two indoor facilities. In comparing its existing indoor facilities, listed in Table IIc, with the national standard scale, listed in Table IIId, it was found that Chanute needed the following indoor facilities to meet national standards for its population: 1 handball court, and 1 swimming pool.

In the process of being built, Chanute has a ski hill and slope, a new bath house at the beach, a new roadside park and campsite, and a youth center.

In the planning stage they have handball courts, shelter houses, beach area bathhouse, and a new pro shop golf course.

Things needed but not in the planning are a drag strip, cycle track, ice skating rink, indoor pool and a combination recreation, community and convention building.

Other facilities that they would like to have are bocce courts, bowling greens, day camps, and a trap shooting range.

Table IIIa lists outdoor facilities that exist in Hays. The results were taken from part two of the questionnaire.

TABLE IIIa

HAYS

Population	14,000
Existing Outdoor Facilities	Number
Athletic field (lighted)	1
Athletic fields (unlighted)	9
Baseball diamonds (lighted)	5
Baseball diamonds (unlighted)	9
Band shell	1
Basketball courts (lighted)	10
Basketball courts (unlighted)	3

TABLE IIIa (Continued)

Existing Outdoor Facilities	Number
Campsite areas	4
Day camp	1
Driving range (lighted)	1
Fairground	1
Golf courses (miniature)	1
Golf courses (municipal)	2
Gun ranges (lighted)	2
Handball court (lighted)	1
Handball court (unlighted)	1
Horseshoe courts (unlighted)	2
Jogging course	1
Parks (neighborhood)	4
Parks (vest-pocket)	3
Park (state)	1
Paved multiple-use area	3
Picnic areas	6
Play apparatus areas	4
Play fields (park)	3
Play fields (school)	8
Pool (country club)	1
Pool (municipal)	1
Pools (wading)	3

TABLE IIIa (Continued)

Existing Outdoor Facilities	Number
Practice diamonds	10
Running tracks	4
Shuffleboard courts (unlighted)	2
Softball diamond-men's (lighted)	1
Softball diamonds-men's (unlighted)	8
Stadium	1
Tennis courts (lighted)	6
Tennis courts (unlighted)	6
Tot-lots	4
Volleyball courts (lighted)	4

Hays had a total of thirty-two different outdoor facilities and a total of one hundred thirty-six facilities. Hays had more lighted basketball courts and practice diamonds, ten, than any other facility.

Table IIIb lists the outdoor facilities that Hays needs in order to meet national standards for its population.

TABLE IIIb

Needed Outdoor Facilities	National Standard	Number Needed
Arboretum	1 per community	1
Athletic field (lighted)	1 per 10,000 people	1
Badminton court (lighted)	1 per 5,000 people	1
Badminton courts (unlighted)	1 per 5,000 people	2
Botanical garden	1 per community	1
Boccie court	1 per 10,000 people	1
Croquet court	1 per 10,000 people	1
Nature walks	1 per 1,000 people	14
Park (neighborhood)	1 per 3,000 people	1
Paved multiple-use areas	1 per 1,000 people	11
Play apparatus areas	1 per 500 people	24
Play fields	1 per 1,000 people	3
Softball diamonds (lighted)	1 per 3,000 people	2
Tot-lots	1 per 1,000 people	10

Hays needs thirteen different outdoor facilities and a total of sixty-eight facilities. In comparing its existing outdoor facilities, listed in Table IIIa, with the national standard scale, listed in Table IIIb, it was found that Hays needed the following outdoor facilities to meet national standards for its population: 24 play apparatus areas, 14 nature walks, 11 paved multiple-use areas, 10 tot-lots, 3 play fields, 2 lighted soft-

ball diamonds, 2 unlighted badminton courts, 1 arboretum, 1 lighted athletic field, 1 lighted badminton court, 1 botanical garden, 1 bocce court, 1 croquet court, and 1 neighborhood park.

Table IIIc lists indoor facilities that exist in Hays. The results were taken from part four of the questionnaire.

TABLE IIIc

Existing Indoor Facilities	Number
Bowling alleys	2
Golf ranges	2
Gymnasiums (school)	8
Libraries	2
Movie theater	3
Museum	1
Pool rooms	11
School buildings	16

Hays had eight different indoor facilities and a total of forty-five facilities. Hays had more school buildings, sixteen, than any other facility.

Table IIId lists the indoor facilities that Hays needs in order to meet national standards for its population.

TABLE IIIId

Needed Indoor Facilities	National Standard	Number Needed
Arts and crafts center	1 per 10,000 people	1
Handball court	1 per 10,000 people	1
Recreation center	1 per 10,000 people	1
Senior citizens center	1 per community	1
Swimming pool	1 per 10,000 people	1
Youth center	1 per community	1

Hays needs six indoor facilities. In comparing its existing indoor facilities, listed in Table IIIc, with the national standard scale, listed in Table IIIId, it was found that Hays needed the following indoor facilities to meet national standards for its population: 1 arts and crafts center, 1 handball court, 1 recreation center, 1 senior citizens center, 1 swimming pool, and 1 youth center.

Table IVa lists outdoor facilities that exist in Hutchinson. The results were taken from part two of the questionnaire.

TABLE IVa
HUTCHINSON

Population	41,100
Existing Outdoor Facilities	Number
Athletic fields (lighted)	2
Athletic fields (unlighted)	14
Baseball diamonds (lighted)	10
Band shell	1
Basketball courts (lighted)	2
Basketball courts (unlighted)	30
Boating area	1
Campsite area	1
Croquet court (lighted)	1
Croquet court (unlighted)	1
Day camp	1
Drag strip	1
Driving range (lighted)	1
Fairground	1
Golf courses (miniature)	3
Golf course (Par-3)	1
Gun range (lighted)	1
Hiking areas	2
Horseshoe courts (lighted)	4

TABLE IVa (Continued)

Existing Outdoor Facilities	Number
Horseshoe courts (unlighted)	6
Jogging courses	2
Lakes	2
Model airplane fields	2
Nature walk	1
Outdoor classroom area	1
Parks (neighborhood)	16
Paved multiple-use areas	14
Picnic areas	26
Play apparatus areas	30
Play fields (park)	4
Play fields (school)	16
Pool (country club)	1
Pools (municipal)	2
Pools (wading)	2
Practice diamonds	36
Roller skating rinks	2
Running tracks	3
Shuffleboard courts (lighted)	2
Shuffleboard courts (unlighted)	4
Softball diamonds-men's (lighted)	8

TABLE IVa (Continued)

Existing Outdoor Facilities	Number
Softball diamonds-women's (lighted)	8
Stadiums	2
Swimming beach	1
Tennis courts (lighted)	7
Tennis courts (unlighted)	16
Tot-lots	6
Volleyball courts (unlighted)	14
Zoo	1

Hutchinson had a total of forty-two different outdoor facilities and a total of three hundred twenty-one facilities. Hutchinson had more practice diamonds, thirty-six, than any other facility.

Table IVb lists the outdoor facilities that Hutchinson needs in order to meet national standards for its population.

TABLE IVb

Needed Outdoor Facilities	National Standard	Number Needed
Arboretum	1 per community	1
Badminton courts (lighted)	1 per 5,000 people	4

TABLE IVb (Continued)

Needed Outdoor Facilities	National Standard	Number Needed
Badminton courts (unlighted)	1 per 5,000 people	4
Boating area	1 per 20,000 people	1
Boccie courts	1 per 10,000 people	4
Campsite area	1 per 25,000 people	1
Croquet court (lighted)	1 per 10,000 people	1
Croquet court (unlighted)	1 per 10,000 people	1
Dance pavilion	1 per 40,000 people	1
Day camp	1 per 20,000 people	1
Driving range	1 per 25,000 people	1
Fishing area	1 per 20,000 people	2
Handball courts (lighted)	1 per 10,000 people	2
Handball courts (unlighted)	1 per 10,000 people	2
Horseback riding area	1 per 25,000 people	2
Ice rink	1 per 25,000 people	1
Nature walks	1 per 1,000 people	40
Outdoor classroom area	1 per 20,000 people	1
Paved multiple-use areas	1 per 1,000 people	26
Play apparatus areas	1 per 500 people	52
Play fields	1 per 1,000 people	21
Totlots	1 per 1,000 people	35

Hutchinson needs eighteen different outdoor facilities and a total of sixty-nine facilities. In comparing its existing outdoor facilities, listed in Table IVa, with the national standard scale, listed in Table IVb, it was found that Hutchinson needed the following outdoor facilities to meet national standards for its population: 52 play apparatus areas, 40 nature walks, 35 tot-lots, 26 paved multiple-use areas, 21 play fields, 4 bocce courts, 4 lighted badminton courts, 4 unlighted badminton courts, 2 lighted handball courts, 2 unlighted handball courts, 2 horseback riding areas, 2 fishing areas, 1 arboretum, 1 boating area, 1 campsite area, 1 lighted croquet court, 1 unlighted croquet court, 1 dance pavilion, 1 day camp, 1 driving range, 1 ice rink, and 1 outdoor classroom area.

Table IVc lists indoor facilities that exist in Hutchinson. The results were taken from part four of the questionnaire.

TABLE IVc

Existing Indoor Facilities	Number
Armory	1
Arts and crafts center	1
Badminton courts	6
Bowling lanes	66
Community buildings	3

TABLE IVc (Continued)

Existing Indoor Facilities	Number
Gun range	1
Gymnasiums (municipal)	3
Gymnasiums (school)	9
Handball court	1
Library	1
Movie theater	2
Museum	1
Park building	1
Pool rooms	3
Privately owned buildings	2
Recreation centers	3
Roller skating rinks	3
School buildings	14
Senior citizens center	1
Shuffleboard courts	2
Swimming pool	1
Tennis courts	3
Volleyball courts	6
Youth center	1

Hutchinson had twenty-three different indoor facilities and a total of one hundred thirty-five facilities. Hutchinson had more bowling lanes, sixty-six, than any other facility.

Table IVd lists the indoor facilities that Hutchinson needs in order to meet national standards for its population.

TABLE IVd

Needed Indoor Facilities	National Standard	Number Needed
Arts and crafts centers	1 per 10,000 people	3
Handball courts	1 per 10,000 people	3
Recreation center	1 per 10,000 people	1
Swimming pools	1 per 10,000 people	3

Hutchinson needs four different indoor facilities and a total of ten facilities. In comparing its existing indoor facilities, listed in Table IVc, with the national standard scale, listed in Table IVd, it was found that Hutchinson needed the following indoor facilities in order to meet national standards for its population: 3 arts and crafts centers, 3 handball courts, 3 swimming pools, and 1 recreation center.

Hutchinson is the largest of the communities in the survey. In the planning stage they have a jogging course, bicycle trail, hiking trail, and three community centers. Needed but not in the planning is an artificial outdoor ice rink, and indoor ice rink and swimming pool. To be completed in 1971, Hutchinson has an outdoor multi-purpose area with basketball, tennis, volleyball, shuffleboard, and 2 handball courts.

Table Va lists outdoor facilities that exist in Independence. The results were taken from part two of the questionnaire.

TABLE Va
INDEPENDENCE

Population	11,000
Existing Outdoor Facilities	Number
Athletic fields (lighted)	2
Athletic fields (unlighted)	19
Badminton courts (lighted)	2
Baseball diamonds (lighted)	3
Baseball diamonds (unlighted)	15
Band shell	1
Basketball courts (lighted)	8
Basketball court (unlighted)	1
Boating areas	2
Campsite areas	6
Croquet courts (unlighted)	1
Dance pavilion	1
Day camp	1
Fairgrounds	1
Fishing areas	many
Golf course (miniature)	1

TABLE Va (Continued)

Existing Outdoor Facilities	Number
Golf course (municipal)	1
Gun range (unlighted)	1
Hiking areas	many
Horseback riding area	1
Horseshoe courts (unlighted)	1
Hunting areas	many
Ice skating rink	1
Jogging courses	3
Lakes	3
Marina	1
Model airplane fields	2
Nature walks	3
Parks (state)	1
Parks (federal)	1
Parks multiple-use areas	4
Picnic areas	25
Play apparatus areas	3
Play fields (park)	3
Play fields (school)	5
Pool (country club)	1
Pool (municipal)	1
Practice diamonds	15

TABLE Va (Continued)

Existing Outdoor Facilities	Number
Roller skating rink	1
Running track	1
Shuffleboard courts (lighted)	1
Softball diamonds (lighted)	3
Softball diamonds (unlighted)	3
Stadium	1
Swimming beaches	2
Tennis courts (lighted)	2
Tennis courts (unlighted)	4
Volleyball court (lighted)	1
Zoo	1

Independence had a total of forty-four different outdoor facilities and a total of one hundred sixty-six facilities. Independence had more picnic areas, twenty-five, than any other facility.

Table Vb lists the outdoor facilities that Independence needs in order to meet national standards for its population.

TABLE Vb

Needed Outdoor Facilities	National Standard	Number Needed
Arboretum	1 per community	1
Botanical garden	1 per community	1
Boccie court	1 per 10,000 people	1
Handball court	1 per 10,000 people	1
Nature walks	1 per 1,000 people	8
Parks (neighborhood)	1 per 3,000 people	3
Paved multiple-use areas	1 per 1,000 people	7
Play apparatus areas	1 per 500 people	19
Play fields	1 per 1,000 people	3

Independence needs nine different outdoor facilities and a total of thirty facilities. In comparing its existing outdoor facilities, listed in Table Va, with the national standard scale, listed in Table Vb, it was found that Independence needed the following outdoor facilities to meet national standards for its population: 9 play apparatus areas, 8 nature walks, 6 paved multiple-use areas, 3 neighborhood parks, 3 play fields, 1 arboretum, 1 botanical garden, 1 boccie court, and 1 handball court.

Table Vc lists indoor facilities that exist in Independence. The results were taken from part four of the questionnaire.

TABLE Vc

Existing Indoor Facilities	Number
Badminton court	1
Bowling lanes	many
Community building	1
Gymnasium (municipal)	1
Library	1
Memorial hall	1
Movie theater	1
Museums	2
Park buildings	3
Recreation center	1
Senior citizens center	1
Shuffleboard court	1
Volleyball court	1
Youth center	1

Independence had fourteen different indoor facilities and a total of seventeen facilities. Independence had more park buildings, three, than any other facility.

Table Vd lists the indoor facilities that Independence needs in order to meet national standards for its population.

TABLE Vd

Needed Indoor Facilities	National Standard	Number Needed
Arts and crafts center	1 per 10,000 people	1
Handball court	1 per 10,000 people	1
Swimming pool	1 per 10,000 people	1

Independence needs three indoor facilities. In comparing its existing indoor facilities, listed in Table Vc, with the national standard scale, listed in Table Vd, it was found that Independence needed the following indoor facilities to meet national standards for its population: 1 arts and crafts center, 1 handball court, and 1 swimming pool.

All of the facilities that Independence listed are those over which they have control. A T-ball field is in the process of being built. Other facilities they would like to have were softball diamonds.

Table VIa lists outdoor facilities that exist in Lawrence. The results were taken from part two of the questionnaire.

TABLE VIa
LAWRENCE

Population	31,705
Existing Outdoor Facilities	Number
Athletic fields (lighted)	9
Athletic fields (unlighted)	18
Baseball diamonds (lighted)	8
Baseball diamonds (unlighted)	6
Basketball courts (unlighted)	2
Campsite areas	2
Day camp	1
Drag strip	1
Driving range (lighted)	1
Driving range (unlighted)	1
Fairground	1
Fishing area	1
Gun range	1
Hiking area	1
Horseshoe courts (lighted)	6
Hunting areas	many
Jogging course	1
Lake	1
Model airplane field	1
Nature walk	1

TABLE VIa (Continued)

Existing Outdoor Facilities	Number
Outdoor classroom area	1
Parks (neighborhood)	18
Parks (vest-pocket)	1
Parks (area)	3
Paved multiple-use areas	3
Picnic areas	24
Play apparatus areas	13
Play fields (park)	4
Play fields (school)	12
Pools (country club)	4
Pool (municipal)	1
Pools (wading)	2
Practice diamonds	6
Roller skating rinks	1
Running tracks	3
Softball diamonds (lighted)	6
Stadium	2
Tennis courts (lighted)	6
Totlot	1
Volleyball courts (lighted)	2

Lawrence had a total of thirty-six different outdoor facilities and a total of one hundred seventy-seven facilities. Lawrence had more picnic areas, twenty-four, than any other facility.

Table VIb lists the outdoor facilities that Lawrence needs in order to meet national standards for its population.

TABLE VIb

Needed Outdoor Facilities	National Standard	Number Needed
Arboretum	1 per community	1
Badminton courts (lighted)	1 per 5,000 people	3
Badminton courts (unlighted)	1 per 5,000 people	3
Basketball courts (lighted)	1 per 5,000 people	3
Basketball court (unlighted)	1 per 5,000 people	1
Botanical garden	1 per community	1
Boating area	1 per 20,000 people	1
Boccie courts	1 per 10,000 people	3
Croquet court (lighted)	1 per 10,000 people	1
Croquet courts (unlighted)	1 per 10,000 people	2
Golf course (miniature)	1 per 25,000 people	1
Golf course (municipal)	1 per 25,000 people	1
Golf course (Par-3)	1 per 30,000 people	1
Handball court (lighted)	1 per 10,000 people	1
Handball courts (unlighted)	1 per 10,000 people	2

TABLE VIb (Continued)

Needed Outdoor Facilities	National Standard	Number Needed
Horseback riding area	1 per 25,000 people	1
Ice skating rink	1 per 25,000 people	1
Marina	1 per 30,000 people	1
Nature walks	1 per 1,000 people	30
Paved multiple-use areas	1 per 1,000 people	28
Play apparatus areas	1 per 500 people	47
Play fields	1 per 1,000 people	15
Shuffleboard court (lighted)	1 per 10,000 people	1
Shuffleboard courts (unlite)	1 per 10,000 people	2
Softball diamonds (unlighted)	1 per 3,000 people	4
Tennis court (lighted)	1 per 2,000 people	1
Tennis courts (unlighted)	1 per 2,000 people	8
Tot-lots	1 per 1,000 people	30
Volleyball court	1 per 10,000 people	1

Lawrence needs twenty-four different outdoor facilities and a total of one hundred seventy-five facilities. In comparing its existing outdoor facilities, listed in Table VIa, with the national standard scale, listed in Table VIb, it was found that Lawrence needed the following outdoor facilities to meet national standards for its population: 47 play apparatus areas, 30 nature walks, 30 tot-lots, 28 paved multiple-use areas, 15 play fields,

8 unlighted tennis courts, 4 unlighted softball diamonds, 3 lighted badminton courts, 3 unlighted badminton courts, 3 lighted basketball courts, 3 bocce courts, 2 unlighted shuffleboard courts, 2 unlighted croquet courts, 2 unlighted handball courts, 1 arboretum, 1 unlighted basketball court, 1 botanical garden, 1 boating area, 1 lighted croquet court, 1 miniature golf course, 1 municipal golf course, 1 Par-3 golf course, 1 lighted handball court, 1 horseback riding area, 1 ice skating rink, 1 marina, 1 lighted shuffleboard court, 1 lighted tennis court, and 1 volleyball court.

Table VIc lists indoor facilities that exist in Lawrence. The results were taken from part four of the questionnaire.

TABLE VIc

Existing Indoor Facilities	Number
Archery range	1
Armory	1
Community building	1
Golf range	1
Gun range	1
Gymnasium (municipal)	1
Gymnasiums (school)	12
Library	1
Movie theaters	4

TABLE VIc (Continued)

Existing Indoor Facilities	Number
Museum	1
Park buildings	3
Recreation centers	2
Roller skating rink	1
School buildings	14
Shuffleboard court	1
Volleyball courts	3
Youth centers	2

Lawrence had sixteen different indoor facilities and a total of fifty facilities. Lawrence had more school buildings, fourteen, than any other facility.

Table VIId lists the indoor facilities that Lawrence needs in order to meet national standards for its population.

TABLE VIId

Needed Indoor Facilities	National Standard	Number Needed
Arts and crafts centers	1 per 10,000 people	3
Handball courts	1 per 10,000 people	3
Recreation center	1 per 10,000 people	1

TABLE VIId (Continued)

Needed Indoor Facilities	National Standard	Number Needed
Senior citizens center	1 per community	1
Swimming pools	1 per 10,000 people	3

Lawrence needs five different indoor facilities and a total of eleven facilities. In comparing its existing indoor facilities, listed in Table VIc, with the national standard scale, listed in Table VIId, it was found that Lawrence needed the following indoor facilities to meet national standards for its population: 3 arts and crafts centers, 3 handball courts, 3 swimming pools, 1 recreation center, and 1 senior citizens center.

In the planning stage, Lawrence has a forty acre school park to include ball diamonds, play fields, childrens play and picnic areas, and four outdoor tennis courts. Facilities needed but not in the planning are neighborhood pools, and park shelters. Facilities they would like to have are day camps, a parkway system, three neighborhood centers, one indoor swimming pool, and a civic center for large meetings and concerts.

Table VIIa lists outdoor facilities that exist in Leavenworth. The results were taken from part two of the questionnaire.

TABLE VIIa
LEAVENWORTH

Population	26,000
Existing Outdoor Facilities	Number
Arboretum	1
Athletic fields (lighted)	5
Athletic fields (unlighted)	7
Baseball diamonds (lighted)	4
Baseball diamonds (unlighted)	7
Basketball courts (lighted)	2
Basketball courts (unlighted)	1
Boating area	1
Campsite area	1
Croquet courts (lighted)	2
Dance pavilion	1
Day camps	2
Fishing areas	2
Golf courses (miniature)	2
Golf courses (private)	3
Gun range (lighted)	1
Handball courts-private (lighted)	2
Hiking area	1
Horseback riding area-private	1
Horseshoe courts (lighted)	2

TABLE VIIa (Continued)

Existing Outdoor Facilities	Number
Ice skating rink	1
Jogging course	1
Lake	1
Marina	1
Midget race track	1
Model airplane field	1
Nature walks	2
Parks (neighborhood)	8
Parks (vest-pocket)	2
Park (state)	1
Parkway and scenic corridor	1
Paved multiple-use area	1
Picnic areas	8
Play apparatus areas	8
Play fields (park)	4
Play fields (school)	4
Pool (country club)	1
Pools (municipal)	2
Pool (wading)	1
Practice diamonds	4
Roller skating rink	1
Running track	1

TABLE VIIa (Continued)

Existing Outdoor Facilities	Number
Softball diamond-men's (lighted)	1
Softball diamond-women's (lighted)	1
Stadium	1
Tennis courts (lighted)	2
Tot-lots	2
Volleyball court (lighted)	1

Leavenworth had a total of forty-four different outdoor facilities and a total of one hundred eleven facilities. Leavenworth had more neighborhood parks, picnic areas, and play apparatus areas, eight of each, than any other facility.

Table VIIb lists the outdoor facilities that Leavenworth needs in order to meet national standards for its population.

TABLE VIIb

Needed Outdoor Facilities	National Standard	Number Needed
Badminton courts	1 per 5,000 people	5
Basketball courts (unlighted)	1 per 5,000 people	2
Botanical garden	1 per community	1
Boccie courts	1 per 10,000 people	2

TABLE VIIb (Continued)

Needed Outdoor Facilities	National Standard	Number Needed
Driving range	1 per 25,000 people	1
Handball court	1 per 10,000 people	1
Nature walks	1 per 1,000 people	24
Outdoor classroom area	1 per 20,000 people	1
Paved multiple-use areas	1 per 1,000 people	25
Play apparatus areas	1 per 500 people	46
Play fields	1 per 1,000 people	18
Shuffleboard court (lighted)	1 per 10,000 people	1
Shuffleboard court (unlit)	1 per 10,000 people	1
Softball diamonds (lighted)	1 per 3,000 people	3
Softball diamonds (unlit)	1 per 3,000 people	3
Tennis courts (lighted)	1 per 2,000 people	5
Tennis courts (unlighted)	1 per 2,000 people	5
Tot-lots	1 per 1,000 people	24
Volleyball court (unlighted)	1 per 10,000 people	1

Leavenworth needs sixteen different outdoor facilities and a total of one hundred sixty-nine facilities. In comparing its existing outdoor facilities, listed in Table VIIa, with the national standard scale, listed in Table VIIb, it was found that Leavenworth needed the following outdoor facilities to meet national standards for its population: 46 play apparatus

areas, 25 paved multiple-use areas, 24 nature walks, 24 tot-lots, 18 play fields, 5 badminton courts, 5 lighted tennis courts, 5 unlighted tennis courts, 3 lighted softball diamonds, 3 unlighted softball diamonds, 2 unlighted basketball courts, 2 bocce courts, 1 botanical garden, 1 driving range, 1 handball court, 1 outdoor classroom area, 1 lighted shuffleboard court, 1 unlighted shuffleboard court, and 1 unlighted volleyball court.

Table VIIc lists indoor facilities that exist in Leavenworth. The results were taken from part four of the questionnaire.

TABLE VIIc

Existing Indoor Facilities	Number
Armory	1
Arts and crafts center	1
Badminton courts	3
Bowling alleys	2
Community building	1
Gun range	1
Library	1
Movie theater	1
Museums	2
Recreation center	1
Roller skating rink	1

TABLE VIIc (Continued)

Existing Indoor Facilities	Number
School buildings	4
Senior citizens center	1
Swimming pool	1

Leavenworth had fourteen different indoor facilities and a total of twenty-one facilities. Leavenworth had more school buildings, four, than any other facility.

Table VIId lists indoor facilities that Leavenworth needs in order to meet national standards for its population.

TABLE VIId

Needed Indoor Facilities	National Standard	Number Needed
Arts and crafts center	1 per 10,000 people	1
Gymnasiums	1 per 10,000 people	2
Handball courts	1 per 10,000 people	2
Recreation center	1 per 10,000 people	1
Swimming pool	1 per 10,000 people	1
Youth center	1 per community	1

Leavenworth needs six indoor facilities and a total of eight facilities. In comparing its existing indoor facilities, listed in Table VIIc, with the national standard scale, listed in Table VIId, it was found that Leavenworth needed the following indoor facilities to meet national standards for its population: 2 gymnasiums, 2 handball courts, 1 arts and crafts center, 1 recreation center, 1 swimming pool, and 1 youth center.

In the process of being built, Leavenworth has a tennis court complex which includes six courts. They are also rehabilitating two municipal swimming pools, and building a large multi-use recreation center. They have a neighborhood park in the planning stage.

Table VIIId lists outdoor facilities that exist in Manhattan. The results were taken from part two of the questionnaire.

TABLE VIIId
MANHATTAN

Population	27,000
Existing Outdoor Facilities	Number
Archery range	1
Athletic fields (lighted)	9
Athletic fields (unlighted)	2

TABLE VIIIa (Continued)

Existing Outdoor Facilities	Number
Baseball diamonds (lighted)	7
Band shell	1
Basketball courts (lighted)	18
Boating areas	many
Botanical garden	1
Campsite areas	many
Croquet courts (lighted)	2
Dance pavilion	1
Drag strip	1
Driving range (unlighted)	1
Fairground	1
Fishing areas	many
Golf courses (municipal)	2
Golf course (miniature)	1
Gun range (lighted)	1
Hiking areas	many
Horseback riding area	1
Horseshoe courts (lighted)	2
Hunting areas	many
Jogging areas	many
Lake	1
Marina	1

TABLE VIIIa (Continued)

Existing Outdoor Facilities	Number
Model airplane field	1
Nature walks	2
Outdoor classroom areas	2
Parks (neighborhood)	12
Parks (state)	1
Park (federal)	1
Parkway and scenic corridor	1
Paved multiple-use areas	10
Picnic areas	many
Play apparatus areas	12
Play fields (park)	12
Play fields (school)	8
Pool (municipal)	1
Pool (wading)	1
Practice diamonds	10
Running tracks	2
Softball diamond-men's (lighted)	1
Softball diamond-women's (lighted)	1
Stadium	1
Tennis courts (unlighted)	9
Swimming beach	1
Tot-lots	7

TABLE VIIIA (Continued)

Existing Outdoor Facilities	Number
Zoo	1

Manhattan had a total of forty-seven different outdoor facilities and a total of one hundred fifty-two facilities. Manhattan had more lighted basketball courts, eighteen, than any other facility.

Table VIIIB lists the indoor facilities that Manhattan needs in order to meet national standards for its population.

TABLE VIIIB

Needed Outdoor Facilities	National Standard	Number Needed
Arboretum	1 per community	1
Badminton courts	1 per 5,000 people	5
Boccie courts	1 per 10,000 people	2
Day camp	1 per 20,000 people	1
Handball court (lighted)	1 per 10,000 people	1
Handball court (unlighted)	1 per 10,000 people	1
Ice skating rink	1 per 25,000 people	1
Paved multiple-use areas	1 per 1,000 people	17
Play apparatus areas	1 per 500 people	44

TABLE VIIIb (Continued)

Needed Outdoor Facilities	National Standard	Number Needed
Play fields	1 per 1,000 people	8
Shuffleboard court (lighted)	1 per 10,000 people	1
Shuffleboard court (unlit)	1 per 10,000 people	1
Softball diamonds (lighted)	1 per 3,000 people	2
Softball diamonds (unlighted)	1 per 3,000 people	3
Tennis courts (lighted)	1 per 2,000 people	5
Tennis courts (unlighted)	1 per 2,000 people	4
Tot-lots	1 per 1,000 people	20
Volleyball courts	1 per 10,000 people	2

Manhattan needs fourteen different outdoor facilities and a total of one hundred twenty-four facilities. In comparing its existing outdoor facilities, listed in Table VIIa, with the national standard scale, listed in Table VIIIb, it was found that Manhattan needed the following outdoor facilities to meet national standards for its population: 44 play apparatus areas, 20 tot-lots, 17 paved multiple-use areas, 8 play fields, 5 badminton courts, 5 lighted tennis courts, 4 unlighted tennis courts, 2 bocce courts, 3 unlighted softball diamonds, 2 lighted softball diamonds, 1 arboretum, 1 day camp, 1 lighted handball court, 1 unlighted handball court, 1 ice skating rink, 1 lighted shuffleboard court, and 1 unlighted shuffleboard court.

Table VIIIC lists indoor facilities that exist in Manhattan. The results were taken from part four of the questionnaire.

TABLE VIIIC

Existing Indoor Facilities	Number
Armory	1
Arts and crafts center	1
Badminton court	1
Bowling lanes	many
Community buildings	2
Gymnasiums (municipal)	2
Gymnasiums (school)	10
Library	1
Movie theaters	3
Museum	1
Park buildings	4
Pool rooms	3
Recreation centers	2
Roller skating rink	1
School buildings	10
Senior citizens center	1
Volleyball courts	1
Youth center	1

Manhattan had seventeen different indoor facilities and a total of forty-six facilities. Manhattan had more gymnasiums, twelve, than any other facility.

Table VIIId lists the indoor facilities that Manhattan needs in order to meet national standards for its population.

TABLE VIIId

Needed Indoor Facilities	National Standard	Number Needed
Arts and crafts center	1 per 10,000 people	1
Handball courts	1 per 10,000 people	2
Swimming pool	1 per 10,000 people	1

Manhattan needs three different indoor facilities and a total of four facilities. In comparing its existing indoor facilities, listed in Table VIIc, with the national standard scale, listed in Table VIIId, it was found that Manhattan needed the following indoor facilities to meet national standards for its population: 2 handball courts, 1 arts and crafts center, and 1 swimming pool.

Facilities needed in Manhattan but not in the planning are softball diamonds, and a recreation complex.

Table IXa lists outdoor facilities that exist in McPherson. The results were taken from part two of the questionnaire.

TABLE IXa

McPHERSON

Population	10,500
Existing Outdoor Facilities	Number
Archery ranges	2
Athletic fields (lighted)	6
Athletic fields (unlighted)	6
Badminton court (lighted)	1
Baseball diamonds (lighted)	2
Baseball diamonds (unlighted)	4
Band shell	1
Basketball courts (lighted)	11
Croquet courts (lighted)	1
Dance pavilion	1
Day camp	1
Driving range (unlighted)	1
Fishing area	1
Golf course (miniature)	1
Golf courses (private 18-hole)	2
Gun range (lighted)	1
Handball court (lighted)	1
Hiking area	1
Horseback riding area	1
Horseshoe courts (lighted)	4

TABLE IXa (Continued)

Existing Outdoor Facilities	Number
Jogging course	1
Model airplane field	1
Nature walk	1
Parks (neighborhood)	4
Paved multiple-use areas	4
Picnic areas	5
Play apparatus areas	3
Playfields (park)	5
Pool (municipal)	1
Pool (wading)	1
Pool (YMCA)	1
Practice diamonds	4
Roller skating rink	1
Running track	1
Softball diamond-men's (lighted)	1
Softball diamond-women's (lighted)	1
Stadium	1
Tennis courts (lighted)	2
Tennis courts (unlighted)	6
Volleyball courts (lighted)	3

McPherson had a total of thirty-six different outdoor facilities and a total of ninety-six facilities. McPherson had more lighted basketball courts, eleven, than any other facility.

Table IXb lists the outdoor facilities that McPherson needs in order to meet national standards for its population.

TABLE IXb

Needed Outdoor Facilities	National Standard	Number Needed
Arboretum	1 per community	1
Badminton court	1 per 10,000 people	1
Botanical garden	1 per community	1
Boccie court	1 per 10,000 people	1
Paved multiple-use areas	1 per 1,000 people	6
Play apparatus area	1 per 500 people	17
Play fields	1 per 1,000 people	5
Softball diamond	1 per 3,000 people	1
Tot-lots	1 per 1,000 people	10

McPherson needs nine different outdoor facilities and a total of forty-three facilities. In comparing its existing outdoor facilities, listed in Table IXa, with the national standard scale, listed in Table IXb, it was found that McPherson needed the following outdoor facilities in order to meet national standards for its population: 17 play apparatus areas, 10 tot-

lots, 6 paved multiple-use areas, 5 play fields, 1 arboretum, 1 badminton court, 1 botanical garden, 1 bocce court, and 1 softball diamond.

Table IXc lists indoor facilities that exist in McPherson. The results were taken from part four of the questionnaire.

TABLE IXc

Existing Indoor Facilities	Number
Archery ranges	2
Arts and crafts center	1
Bowling alley	1
Community building	1
Gymnasiums (school)	6
Gymnasiums (college)	2
Gymnasium (municipal)	1
Handball court	1
Library	1
Movie theaters	2
Museum	1
Park buildings	4
Pool rooms	2
Privately owned building	1
Recreation center	1
Roller skating rink	1

TABLE IXc (Continued)

Existing Indoor Facilities	Number
School buildings	9
Senior citizens center	1
Swimming pool	1
Tennis courts	8
Volleyball courts	4
Youth center	1

McPherson had twenty different indoor facilities and a total of fifty-two facilities. McPherson had more school buildings, nine, than any other facility.

Table IXd lists indoor facilities that McPherson needs in order to meet national standards for its population.

TABLE IXd

Needed Indoor Facilities	National Standard	Number Needed
No indoor facilities needed		

In comparing its existing indoor facilities, listed in Table IXc, with the national standard scale for its population, it was found that McPherson needed no indoor facilities.

McPherson is the smallest of the communities in the survey. They are in the process of building an outdoor area which is lighted and includes two croquet courts, four shuffleboard courts, and outdoor type pingpong tables. They also have two indoor handball courts in the process of being built. Other facilities needed but not in the planning are baseball and softball practice fields.

Table Xa lists outdoor facilities that exist in Parsons. The results were taken from part two of the questionnaire.

TABLE Xa
PARSONS

Population	15,000
Existing Outdoor Facilities	Number
Athletic fields (lighted)	3
Athletic fields (unlighted)	5
Baseball diamonds (lighted)	3
Baseball diamonds (unlighted)	5
Band shell	1
Basketball courts (lighted)	3
Boating area	1
Campsite areas	4
Croquet court (unlighted)	1
Day camp	1
Driving range (lighted)	1

TABLE Xa (Continued)

Existing Outdoor Facilities	Number
Fairgrounds	1
Fishing areas	6
Golf course (miniature)	1
Golf course (municipal)	1
Gun range (unlighted)	1
Hiking areas	2
Horseback riding area	1
Horseshoe courts (lighted)	3
Horseshoe courts (unlighted)	2
Hunting areas	3
Lakes	2
Marina	1
Nature walk	1
Parks (neighborhood)	3
Parks (vest-pocket)	2
Paved multiple-use areas	3
Picnic areas	8
Play apparatus areas	5
Play fields (park)	3
Play fields (school)	2
Pool (country club)	1
Pool (municipal)	1

TABLE Xa (Continued)

Existing Outdoor Facilities	Number
Pools (wading)	2
Practice diamonds	2
Roller skating rink	1
Shuffleboard courts (lighted)	2
Softball diamond (lighted)	1
Stadiums	2
Swimming beach	1
Tennis courts (lighted)	4
Tennis courts (unlighted)	2
Tot-lots	3

Parsons had a total of thirty-eight different facilities and a total of seventy-four facilities. Parsons had more picnic areas, eight, than any other facility.

Table Xb lists the outdoor facilities that Parsons needs in order to meet national standards for its population.

TABLE Xb

Needed Outdoor Facilities	National Standard	Number Needed
Arboretum	1 per community	1
Badminton courts	1 per 10,000 people	3

TABLE Xb (Continued)

Needed Outdoor Facilities	National Standard	Number Needed
Botanical garden	1 per community	1
Boccie court	1 per 10,000 people	1
Handball court	1 per 10,000 people	1
Nature walks	1 per 1,000 people	14
Parks (neighborhood)	1 per 3,000 people	2
Paved multiple-use areas	1 per 1,000 people	12
Play apparatus areas	1 per 500 people	25
Play fields	1 per 1,000 people	10
Softball diamonds (lighted)	1 per 3,000 people	2
Softball diamonds (unlighted)	1 per 3,000 people	2
Tennis court	1 per 2,000 people	1
Tot-lots	1 per 1,000 people	12
Volleyball court	1 per 10,000 people	1

Parsons needs fourteen different outdoor facilities and a total of eighty-eight facilities. In comparing its existing outdoor facilities, listed in Table Xa, with the national standard scale, listed in Table Xb, it was found that Parsons needed the following outdoor facilities to meet national standards for its population: 25 play apparatus areas, 14 nature walks, 12 paved multiple-use areas, 12 tot-lots, 10 play fields, 3 badminton courts, 2 neighborhood parks, 2 lighted softball diamonds,

2 unlighted softball diamonds, 1 arboretum, 1 botanical garden, 1 bocce court, 1 handball court, 1 tennis court, and 1 volleyball court.

Table Xc lists indoor facilities that exist in Parsons. The results were taken from part four of the questionnaire.

TABLE Xc

Existing Indoor Facilities	Number
Archery range	1
Bowling alley	1
Community building	1
Gun range	1
Gymnasiums (school)	2
Library	1
Memorial hall	1
Museum	1
Park buildings	3
Pool room	1
Privately owned buildings	2
Recreation center	1
Roller skating rink	1
School building	1
Senior citizens center	1
Volleyball courts	2

TABLE Xc (Continued)

Existing Indoor Facilities	Number
Youth center	1

Parsons had seventeen different indoor facilities and a total of twenty-two facilities. Parsons had more park buildings, three, than any other facility.

Table Xd lists the indoor facilities that Parsons needs in order to meet national standards for its population.

TABLE Xd

Needed Indoor Facilities	National Standard	Number Needed
Arts and crafts center	1 per 10,000 people	1
Handball court	1 per 10,000 people	1
Swimming pool	1 per 10,000 people	1

Parsons needs three different indoor facilities. In comparing its existing indoor facilities, listed in Table Xc, with the national standard scale, listed in Table Xd, it was found that Parsons needed the following indoor facilities to meet national standards for its population: 1 arts and crafts center, 1 handball court, and 1 swimming pool.

Parsons has in the process of being built a vest-pocket park, park train ride, and two lighted youth baseball fields. They are remodeling a building for a three-year temporary use as a youth, senior citizens, and public recreation center. In the planning stage they have an area for horseback riding, motorcycle riding and hiking. They are also planning to build a new community center to include an indoor swimming pool, handball courts and various other things. The Parsons Superintendent also indicated they would like to have an archery range.

Table XIa lists outdoor facilities that exist in Pittsburgh. The results were taken from part two of the questionnaire.

TABLE XIa
PITTSBURG

Population	21,000
Existing Outdoor Facilities	Number
Athletic fields (lighted)	2
Athletic fields (unlighted)	4
Baseball diamonds (lighted)	4
Band shell	1
Basketball courts (unlighted)	2
Boating area	1

TABLE XIa (Continued)

Existing Outdoor Facilities	Number
Campsite areas	2
Day camp	1
Drag strip	1
Driving range (lighted)	1
Driving range (unlighted)	2
Fishing area	1
Golf course (miniature)	1
Golf course (municipal)	1
Gun range (unlighted)	1
Hiking area	1
Horseback riding area	1
Jogging courses	4
Lake	1
Model airplane fields	7
Nature walks	many
Parks (neighborhood)	3
Park (state)	1
Paved multiple-use area	2
Picnic areas	10
Play apparatus areas	7
Play fields (park)	2
Play fields (school)	4

TABLE XIa (Continued)

Existing Outdoor Facilities	Number
Pool (country club)	1
Pool (municipal)	1
Pools (wading)	2
Practice fields	4
Running tracks	2
Softball diamond-men's (lighted)	1
Softball diamond-women's (lighted)	1
Stadiums	2
Tennis courts (lighted)	10
Tot-lots	2
Volleyball courts (unlighted)	3

Pittsburg had a total of thirty-five different outdoor facilities and a total of ninety-eight facilities. Pittsburg had more picnic areas and lighted tennis courts, ten, than any other facility.

Table XIb lists the outdoor facilities that Pittsburg needs in order to meet national standards for its population.

TABLE XIb

Needed Outdoor Facilities	National Standard	Number Needed
Arboretum	1 per community	1
Athletic fields (lighted)	1 per 10,000 people	2
Badminton courts (lighted)	1 per 5,000 people	2
Badminton courts (unlighted)	1 per 5,000 people	2
Basketball courts (lighted)	1 per 5,000 people	2
Botanical garden	1 per community	1
Boccie courts	1 per 10,000 people	2
Croquet court (lighted)	1 per 10,000 people	1
Croquet court (unlighted)	1 per 10,000 people	1
Handball court (lighted)	1 per 10,000 people	1
Handball court (unlighted)	1 per 10,000 people	1
Horseshoe court (lighted)	1 per 10,000 people	1
Horseshoe court (unlighted)	1 per 10,000 people	1
Outdoor classroom area	1 per 20,000 people	1
Parks (neighborhood)	1 per 3,000 people	4
Paved multiple-use areas	1 per 1,000 people	19
Play apparatus areas	1 per 500 people	35
Play fields	1 per 1,000 people	15
Shuffleboard court (lighted)	1 per 10,000 people	1
Shuffleboard court (unlit)	1 per 10,000 people	1
Softball diamonds (lighted)	1 per 3,000 people	2
Softball diamonds (unlighted)	1 per 3,000 people	3

TABLE XIb (Continued)

Needed Outdoor Facilities	National Standard	Number Needed
Tot-lots	1 per 1,000 people	19
Volleyball court (lighted)	1 per 10,000 people	1

Pittsburg needs eighteen different outdoor facilities and a total of one hundred twenty-one facilities. In comparing its existing outdoor facilities, listed in Table XIa, with the national standard scale, listed in Table XIb, it was found that Pittsburg needed the following outdoor facilities to meet national standards for its population: 35 play apparatus areas, 19 tot-lots, 19 paved multiple-use areas, 15 play fields, 3 unlighted softball diamonds, 2 lighted softball diamonds, 2 lighted athletic fields, 2 lighted badminton courts, 2 unlighted badminton courts, 2 lighted basketball courts, 2 bocce courts, 1 arboretum, 1 botanical garden, 1 lighted croquet court, 1 unlighted croquet court, 1 lighted handball court, 1 unlighted handball court, 1 lighted horseshoe court, 1 unlighted horseshoe court, 1 outdoor classroom area, 1 lighted shuffleboard court, 1 unlighted shuffleboard court, and 1 volleyball court.

Table XIc lists indoor facilities that exist in Pittsburg. The results were taken from part four of the questionnaire.

TABLE XIc

Existing Indoor Facilities	Number
Archery range	1
Armory	1
Bowling lanes	24
Community buildings	2
Gymnasiums (school)	4
Library	1
Memorial hall	1
Movie theaters	2
Museum	1
Park buildings	2
Pool rooms	3
Recreation center	1
Roller skating rink	1
School buildings	10
Senior citizens center	1
Swimming pool	1

Pittsburg had sixteen different indoor facilities and a total of fifty-six facilities. Pittsburg had more bowling lanes, twenty-four, than any other facility.

Table XIc lists the indoor facilities that Pittsburg needs in order to meet national standards for its population.

TABLE XIId

Needed Indoor Facilities	National Standard	Number Needed
Arts and crafts centers	1 per 10,000 people	2
Handball courts	1 per 10,000 people	2
Recreation center	1 per 10,000 people	1
Youth center	1 per community	1

Pittsburg needs four different indoor facilities and a total of six facilities. In comparing its existing indoor facilities, listed in Table XIc, with the national standard scale, listed in Table XIId, it was found that Pittsburg needed the following indoor facilities to meet national standards for its population: 2 arts and crafts centers, 2 handball courts, 1 recreation center, and 1 youth center.

Pittsburg is building a lighted softball diamond. In the planning stage they have one athletic field and four lighted tennis courts. They are planning to build two all-weather picnic shelters, also. The Superintendent at Pittsburg indicated they need a baseball grandstand and more picnic areas.

Table XIIa lists outdoor facilities that exist in Olathe. The results were taken from part two of the questionnaire.

TABLE XIIa

OLATHE

Population	18,280
Existing Outdoor Facilities	Number
Athletic fields (lighted)	2
Athletic fields (unlighted)	3
Badminton courts (unlighted)	2
Baseball diamonds (lighted)	5
Baseball diamonds (unlighted)	4
Basketball courts (unlighted)	4
Boating areas	2
Driving range (unlighted)	1
Fishing areas	4
Golf course (miniature)	1
Golf course (municipal)	1
Gun range (unlighted)	1
Hiking area	1
Hunting area	1
Ice skating rink	1
Lakes	6
Nature walk	1
Outdoor classroom area	1
Park (neighborhood)	1
Parks (vest-pocket)	2

TABLE XIIa (Continued)

Existing Outdoor Facilities	Number
Paved multiple-use areas	2
Picnic areas	6
Play apparatus areas	8
Play fields (park)	1
Play fields (school)	11
Pools (country club)	2
Pool (municipal)	1
Practice diamonds	6
Roller skating rink	1
Running track	1
Shuffleboard courts (unlighted)	2
Softball diamond-men's (lighted)	1
Stadium	1
Tennis courts (lighted)	4
Tennis courts (unlighted)	5
Volleyball court (unlighted)	1

Olathe had a total of thirty-three different outdoor facilities and a total of ninety-seven facilities. Olathe had more play fields, eleven, than any other facility.

Table XIIb lists the outdoor facilities that Olathe needs in order to meet national standards for its population.

TABLE XIIb

Needed Outdoor Facilities	National Standard	Number Needed
Arboretum	1 per community	1
Badminton courts (lighted)	1 per 5,000 people	2
Basketball court (lighted)	1 per 5,000 people	1
Botanical garden	1 per community	1
Boccie courts	1 per 10,000 people	2
Day camp	1 per 20,000 people	1
Croquet courts	1 per 10,000 people	2
Handball court (lighted)	1 per 10,000 people	1
Handball court (unlighted)	1 per 10,000 people	1
Horseshoe court (lighted)	1 per 10,000 people	1
Horseshoe court (unlighted)	1 per 10,000 people	1
Nature walks	1 per 1,000 people	12
Parks (neighborhood)	1 per 3,000 people	5
Paved multiple-use areas	1 per 1,000 people	16
Play apparatus areas	1 per 500 people	28
Play fields	1 per 1,000 people	6
Softball diamonds (lighted)	1 per 3,000 people	2
Softball diamonds (unlit)	1 per 3,000 people	3
Volleyball court (lighted)	1 per 10,000 people	1

Olathe needs sixteen different outdoor facilities and a total of eighty-seven facilities. In comparing its existing

outdoor facilities, listed in Table XIIa, with the national standard scale, listed in Table XIIb, it was found that Olathe needed the following outdoor facilities to meet national standards for its population: 28 play apparatus areas, 16 paved multiple-use areas, 12 nature walks, 6 play fields, 5 neighborhood parks, 3 unlighted softball diamonds, 2 lighted badminton courts, 2 bocce courts, 2 croquet courts, 2 lighted softball diamonds, 1 arboretum, 1 lighted basketball court, 1 botanical garden, 1 day camp, 1 lighted handball court, 1 unlighted handball court, 1 lighted horseshoe court, 1 unlighted horseshoe court, and 1 lighted volleyball court.

Table XIIc lists indoor facilities that exist in Olathe. The results were taken from part four of the questionnaire.

TABLE XIIc

Existing Indoor Facilities	Number
Bowling lanes	8
Gymnasiums (school)	6
Library	1
Movie theaters	2
Park buildings	2
Pool room	1
Privately owned building	1
Roller skating rink	1

TABLE XIIc (Continued)

Existing Indoor Facilities	Number
School Buildings	11
Swimming pools	2

Olathe had ten different indoor facilities and a total of thirty-five facilities. Olathe had more school buildings, eleven, than any other facility.

Table XIIId lists the indoor facilities that Olathe needs in order to meet national standards for its population.

TABLE XIIId

Needed Indoor Facilities	National Standard	Number Needed
Arts and crafts center	1 per 10,000 people	2
Handball courts	1 per 10,000 people	2
Recreation centers	1 per 10,000 people	2
Senior citizens center	1 per community	1
Volleyball court	1 per 10,000 people	1
Youth center	1 per community	1

Olathe needs six different indoor facilities and a total of nine facilities. In comparing its existing indoor facilities,

listed in Table XIIc, with the national standard scale, listed in Table XIId, it was found that Olathe needed the following indoor facilities to meet national standards for its population: 2 arts and crafts centers, 2 handball courts, 2 recreation centers, 1 senior citizens center, 1 volleyball court, and 1 youth center.

Olathe plans to build an olympic size swimming pool, a 114-acre community park, and to remodel their old swimming pool. Needed but not in the planning are a marina, six neighborhood parks, several lighted softball diamonds, ten tot-lots, a community center building, enclosed park shelters, and a interpretive nature center and small zoo. Facilities they would like to have in the near future are a par-3 golf course, an arboretum, and an indoor tennis center.

Table XIIIa lists outdoor facilities that exist in Ottawa. The results were taken from part two of the questionnaire.

TABLE XIIIa

OTTAWA

Population	12,500
Existing Outdoor Facilities	Number
Athletic fields (lighted)	2
Badminton courts (lighted)	3
Baseball diamonds (lighted)	2

TABLE XIIIa (Continued)

Existing Outdoor Facilities	Number
Baseball diamonds (unlighted)	4
Bandshell	1
Basketball courts (lighted)	4
Basketball court (unlighted)	1
Croquet court (lighted)	1
Day camp	1
Fairgrounds	1
Horseshoe courts (lighted)	4
Ice skating rink	1
Jogging area	1
Parks (neighborhood)	2
Parks (state)	2
Parks (vest-pocket)	2
Paved multiple-use areas	4
Picnic areas	3
Play fields (park)	2
Play fields (school)	6
Pool (country club)	1
Pool (municipal)	1
Pools (wading)	2
Practice diamonds	2
Roller skating rink	1

TABLE XIIIa (Continued)

Existing Outdoor Facilities	Number
Running tracks	2
Shuffleboard courts (lighted)	3
Softball diamond-men's (lighted)	1
Softball diamond-men's (unlighted)	1
Softball diamond-women's (unlighted)	1
Stadium	1
Tennis courts (lighted)	6
Tennis courts (unlighted)	4
Volleyball courts (lighted)	2

Ottawa had a total of twenty-eight different facilities and a total of seventy-five facilities. Ottawa had more play fields, eight, than any other facility.

Table XIIIb lists the outdoor facilities that Ottawa needs in order to meet national standards for its population.

TABLE XIIIb

Needed Outdoor Facilities	National Standard	Number Needed
Arboretum	1 per community	1
Boccie court	1 per 10,000 people	1

TABLE XIIIb (Continued)

Needed Outdoor Facilities	National Standard	Number Needed
Botanical garden	1 per community	1
Handball court	1 per 10,000 people	1
Nature walk	1 per 1,000 people	12
Park (neighborhood)	1 per 3,000 people	2
Paved multiple-use areas	1 per 1,000 people	8
Play apparatus areas	1 per 500 people	24
Play fields	1 per 1,000 people	5
Softball diamonds	1 per 3,000 people	2
Tot-lots	1 per 1,000 people	12

Ottawa needs eleven different outdoor facilities and a total of sixty-nine facilities. In comparing its existing outdoor facilities, listed in Table XIIIa, with the national standard scale, listed in Table XIIIb, it was found that Ottawa needed the following outdoor facilities to meet national standards for its population: 24 play apparatus areas, 12 nature walks, 12 tot-lots, 8 paved multiple-use areas, 5 play fields, 2 softball diamonds, 2 neighborhood parks, 1 arboretum, 1 bocce court, 1 botanical garden, and 1 handball court.

Table XIIIc lists indoor facilities that exist in Ottawa. The results were taken from part four of the questionnaire.

TABLE XIIIc

Existing Indoor Facilities	Number
Armory	1
Bowling lanes	8
Community building	1
Gymnasiums (school)	6
Ice skating rink	1
Library	1
Memorial hall	1
Movie theater	1
Museum	1
Park buildings	3
Pool rooms	2
Roller skating rink	1
School buildings	7
Senior citizens center	1
Shuffleboard courts	3
Swimming pool	1
Volleyball courts	2

Ottawa had seventeen different indoor facilities and a total of fifty facilities. Ottawa had more bowling lanes, eight, than any other facility.

Table XIIIId lists the indoor facilities that Ottawa needs in order to meet national standards for its population.

TABLE XIIIId

Needed Indoor Facilities	National Standard	Number Needed
Arts and crafts center	1 per 10,000 people	1
Handball court	1 per 10,000 people	1
Youth center	1 per community	1

Ottawa needs three indoor facilities. In comparing its existing indoor facilities, listed in Table XIIIc, with the national standard scale, listed in Table XIIIId, it was found that Ottawa needed the following indoor facilities to meet national standards for its population: 1 arts and crafts center, 1 handball court, and 1 youth center.

Ottawa has one lighted baseball diamond in the process of being built and one indoor archery range in the planning.

Table XIVa lists outdoor facilities that exist in Salina. The results were taken from part two of the questionnaire.

TABLE XIVa

SALINA

Population	40,000
Existing Outdoor Facilities	Number
Archery range	1

TABLE XIVa (Continued)

Existing Outdoor Facilities	Number
Athletic fields (lighted)	2
Athletic fields (unlighted)	4
Baseball diamonds (lighted)	14
Baseball diamonds (unlighted)	23
Basketball courts (lighted)	24
Boating area	1
Campsite area	1
Croquet court (unlighted)	1
Dance pavillion	1
Day camps	2
Drag strip	1
Driving range (unlighted)	1
Fairground	1
Fishing areas	3
Golf courses (miniature)	2
Golf course (municipal)	1
Handball court (lighted)	1
Hiking areas	3
Horseback riding area	1
Horseshoe courts (lighted)	8
Ice skating rink	1
Jogging areas	2

TABLE XIVa (Continued)

Existing Outdoor Facilities	Number
Lakes	2
Midget race track	1
Model airplane field	1
Nature walks	3
Parks (neighborhood)	5
Parks (vest-pocket)	3
Paved multiple-use area	1
Picnic areas	4
Play apparatus areas	5
Play fields (park)	2
Play fields (school)	18
Pool (country club)	1
Pools (municipal)	2
Pool (wading)	1
Practice diamonds	24
Roller skating rinks	2
Running tracks	4
Shuffleboard courts (lighted)	2
Shuffleboard courts (unlighted)	1
Softball diamonds-men's (lighted)	3
Softball diamonds-men's (unlighted)	2
Softball diamonds-women's (lighted)	3

TABLE XIVa (Continued)

Existing Outdoor Facilities	Number
Softball diamonds-women's (unlighted)	1
Stadiums	2
Swimming beaches	1
Tennis courts (lighted)	6
Tennis courts (unlighted)	3
Tot-lots	18
Volleyball courts (lighted)	4
Volleyball courts (unlighted)	18

Salina had a total of forty-four different outdoor facilities and a total of one hundred forty-two facilities. Salina had more lighted basketball courts and practice diamonds, twenty-four, than any other facility.

Table XIVb lists the outdoor facilities that Salina needs in order to meet national standards for its population.

TABLE XIVb

Needed Outdoor Facilities	National Standard	Number Needed
Arboretum	1 per community	1
Badminton courts	1 per 5,000 people	8

TABLE XIVb (Continued)

Needed Outdoor Facilities	National Standard	Number Needed
Band shell	1 per 40,000 people	1
Botanical garden	1 per community	1
Boating area	1 per 20,000 people	1
Campsite area	1 per 25,000 people	1
Croquet courts (lighted)	1 per 10,000 people	2
Croquet courts (unlighted)	1 per 10,000 people	1
Driving range (lighted)	1 per 25,000 people	1
Golf course (municipal)	1 per 25,000 people	1
Handball court (lighted)	1 per 10,000 people	1
Handball courts (unlighted)	1 per 10,000 people	2
Horseback riding area	1 per 25,000 people	1
Hunting areas	1 per 25,000 people	2
Marina	1 per 30,000 people	1
Nature walks	1 per 1,000 people	37
Outdoor classroom areas	1 per 20,000 people	2
Parks (neighborhood)	1 per 3,000 people	8
Paved multiple-use areas	1 per 1,000 people	39
Picnic areas	1 per 6,000 people	2
Play apparatus areas	1 per 500 people	75
Play fields	1 per 1,000 people	20
Shuffleboard court (unlit)	1 per 1,000 people	1
Softball diamonds (lighted)	1 per 3,000 people	2

TABLE XIVb (Continued)

Needed Outdoor Facilities	National Standard	Number Needed
Softball diamonds (unlighted)	1 per 3,000 people	3
Tennis courts (lighted)	1 per 2,000 people	5
Tennis courts (unlighted)	1 per 2,000 people	6
Tot-lots	1 per 1,000 people	22

Salina needs twenty-four different outdoor facilities and a total of two hundred forty-seven facilities. In comparing its existing outdoor facilities, listed in Table XIVa, with the national standard scale, listed in Table XIVb, it was found that Salina needed the following outdoor facilities to meet national standards for its population: 75 play apparatus areas, 39 paved multiple-use areas, 37 nature walks, 22 tot-lots, 20 play fields, 8 badminton courts, 8 neighborhood parks, 6 unlighted tennis courts, 5 lighted tennis courts, 3 unlighted softball diamonds, 2 lighted softball diamonds, 2 lighted croquet courts, 2 unlighted handball courts, 2 hunting areas, 2 outdoor classroom areas, 2 picnic areas, 1 arboretum, 1 bandshell, 1 botanical garden, 1 boating area, 1 campsite area, 1 unlighted croquet courts, 1 lighted driving range, 1 municipal golf course, 1 lighted handball court, 1 horseback riding area, 1 marina, and 1 unlighted shuffleboard court.

Table XIVc lists indoor facilities that exist in Salina. The results were taken from part four of the questionnaire.

TABLE XIVc

Existing Indoor Facilities	Number
Archery range	1
Armory	2
Arts and crafts center	1
Bowling alleys	3
Community buildings	6
Gun range	1
Gymnasiums (municipal)	1
Gymnasiums (school)	8
Handball courts	3
Libraries	3
Memorial hall	1
Movie theaters	4
Museum	1
Park buildings	4
Pool rooms	2
Recreation centers	3
Roller skating rinks	2
School buildings	23
Senior citizens centers	2
Shuffleboard courts	2
Swimming pools	4
Tennis courts	3

TABLE XIVc (Continued)

Existing Indoor Facilities	Number
Volleyball courts	4
Youth centers	3

Salina had twenty-three different indoor facilities and a total of eighty-seven facilities. Salina had more school buildings, twenty-three, than any other facility.

Table XIVd lists the indoor facilities that Salina needs in order to meet national standards for its population.

TABLE XIVd

Needed Indoor Facilities	National Standard	Number Needed
Arts and crafts centers	1 per 10,000 people	3
Handball court	1 per 10,000 people	1
Recreation center	1 per 10,000 people	1

Salina needs three different indoor facilities and a total of five facilities. In comparing its existing indoor facilities, listed in Table XIVc, with the national standard scale, listed in Table XIVd, it was found that Salina needed the following indoor facilities to meet national standards for

its population: 3 arts and crafts centers, 1 handball court, and 1 recreation center.

Salina is the second largest city in the survey. In the process of being built is a Par-3 golf course and an indoor swimming pool. In the planning stage is a new park area. Needed but not in the planning is a bridal path and a multi-purpose building. The Superintendent in Salina indicated he would like to have many more play areas.

Table XVa lists outdoor facilities that exist in Winfield. The results were taken from part two of the questionnaire.

TABLE XVa
WINFIELD

Population	11,342
Existing Outdoor Facilities	Number
Athletic field (lighted)	1
Athletic fields (unlighted)	3
Badminton courts (lighted)	8
Baseball diamonds (lighted)	3
Baseball diamonds (unlighted)	7
Band shell	1
Basketball courts (lighted)	2
Basketball courts (unlighted)	4
Boating areas	2

TABLE XVa (Continued)

Existing Outdoor Facilities	Number
Campsite areas	3
Croquet court (unlighted)	1
Dance pavilion	1
Fairgrounds	1
Fishing areas	3
Handball court (lighted)	1
Hiking area	1
Horseback riding area	1
Horseshoe courts (unlighted)	6
Hunting area	1
Jogging course	1
Lake	1
Model airplane field	1
Nature walk	1
Parks (neighborhood)	4
Parkway and scenic corridor	1
Paved multiple-use areas	4
Picnic areas	3
Play apparatus areas	4
Play fields (park)	3
Play fields (school)	7
Pool (country club)	1

TABLE XVa (Continued)

Existing Outdoor Facilities	Number
Pool (municipal)	1
Pool (wading)	1
Practice diamond	1
Roller skating rink	1
Running tracks	2
Shuffleboard court (unlighted)	1
Softball diamond-men's (lighted)	1
Softball diamond-women's (lighted)	1
Stadium	1
Swimming beach	1
Tennis courts (lighted)	7
Tennis courts (unlighted)	9
Tot-lot	1
Volleyball court (unlighted)	1

Winfield had a total of thirty-nine different outdoor facilities and a total of one hundred ten facilities. Winfield had more unlighted tennis courts, nine, than any other facility.

Table XVb lists the outdoor facilities that Winfield needs in order to meet national standards for its population.

TABLE XVb

Needed Outdoor Facilities	National Standard	Number Needed
Arboretum	1 per community	1
Botanical garden	1 per community	1
Boccie court	1 per 10,000 people	1
Paved multiple-use areas	1 per 1,000 people	7
Play apparatus areas	1 per 500 people	18
Softball diamonds (unlighted)	1 per 3,000 people	2
Tot-lots	1 per 1,000 people	10

Winfield needs seven different outdoor facilities and a total of forty facilities. In comparing its existing outdoor facilities, listed in Table XVa, with the national standard scale, listed in Table XVb, it was found that Winfield needed the following outdoor facilities to meet national standards for its population: 18 play apparatus areas, 10 tot-lots, 7 paved multiple-use areas, 2 unlighted softball diamonds, 1 arboretum, 1 botanical garden, and 1 boccie court.

Table XVc lists indoor facilities that exist in Winfield. The results were taken from part four of the questionnaire.

TABLE XVc

Existing Indoor Facilities	Number
Archery range	1
Armory	1
Arts and crafts center	1
Community building	1
Gymnasiums (school)	4
Libraries	3
Movie theater	1
Museum	1
Park buildings	2
Pool room	1
Recreation center	1
Roller skating rink	1
School buildings	8
Senior citizens center	1
Volleyball courts	7
Youth center	1

Winfield had sixteen different indoor facilities and a total of thirty-five facilities. Winfield had more school buildings, eight, than any other facility.

Table XVd lists the indoor facilities that Winfield needs in order to meet national standards for its population.

TABLE XVd

Needed Indoor Facilities	National Standard	Number Needed
Handball court	1 per 10,000 people	1
Swimming pool	1 per 10,000 people	1

Winfield needs two indoor facilities. In comparing its existing indoor facilities, listed in Table XVc, with the national standard scale, listed in Table XVd, it was found that Winfield needed the following indoor facilities in order to meet national standards for its population: 1 handball court, and 1 swimming pool.

Winfield has in the process of being built a municipal lake. It includes campsites, a marina and a boating area, picnic areas, hunting areas, and fishing areas. Another facility they would like to have is a municipal golf course.

SUMMARY

The survey showed that the fifteen communities - Arkansas City, Chanute, Hays, Hutchinson, Independence, Lawrence, Leavenworth, Manhattan, McPherson, Parsons, Pittsburg, Olathe, Ottawa, Salina, and Winfield - had an average amount of indoor and outdoor facilities for their populations. None were very much below the national standards, but all lacked facilities that are essential according to the national standards.

Ten or more of the cities in the survey needed the following outdoor facilities in the quantity of one or more: arboretum, badminton court, botanical garden, bocce court, handball court, nature walk, play apparatus area, play field, softball diamond, and tot-lot. Paved multiple-use areas were needed in fourteen of the fifteen cities; and arboretums, bocce courts, and play apparatus areas were needed in thirteen of the fifteen cities.

Indoor facilities needed most were: arts and crafts center, handball court, recreation center, swimming pool, senior citizens center, and youth center. Indoor handball courts were needed in twelve of the fifteen cities.

One community, McPherson, needed no indoor facilities. The others needed one or more. All communities needed nine or more different outdoor facilities.

The quantity of facilities needed for a community were in proportion to the increase in the population. No community had too many of any one facility.

Hutchinson, the largest city, had the largest number of existing facilities, which totaled fifty different types of facilities. The smallest city, McPherson, had the least amount of existing facilities, with forty different types of facilities, but very few of each type.

In comparisons between national standards for recreation facilities, set forth by the National Recreation and Park Association, and existing facilities of the communities in this survey, some recommendations can be made.

Arkansas City, Chanute, Hays, Hutchinson, Independence, Lawrence, Leavenworth, Manhattan, Parsons, and Winfield should begin plans for building indoor swimming pools if they wish to meet national standards.

Chanute, Hays, Hutchinson, Independence, Lawrence, Leavenworth, Manhattan, Parsons, Pittsburg, Olathe, Ottawa, Salina, and Winfield should begin plans for indoor handball courts.

Hays, Hutchinson, Independence, Lawrence, Leavenworth, Manhattan, Parsons, Pittsburg, Olathe, Ottawa, and Salina should plan for the construction of arts and crafts centers.

Communities that do not have lakes, marinas, and related facilities may not have any possible way to construct these outdoor facilities because of their terrain. They should make plans for using a neighboring city's similar facilities.

All of the communities should survey their own needs to find out what facilities it would be advantageous for them to include in their long range planning.

ACKNOWLEDGMENTS

Sincere appreciation is expressed to Mr. T. M. Evans, Chairman of the Department of Physical Education, and Associate Professor Raymond A. Wauthier of the Department of Physical Education for their personal and professional advice, time, and effort throughout this survey.

I would also like to thank Mr. Larry Heeb, State Consultant on Recreation in Kansas, for an abundance of helpful information in the survey.

Appreciation is also expressed to the 15 Superintendents of Recreation for their cooperation and assistance in this survey.

APPENDIX

Dear Sir:

At the present time I am a graduate student at Kansas State University working toward my Master of Science degree in Physical Education and Recreation. I am also Assistant Superintendent of Recreation for the city of Manhattan, Kansas.

As part of my requirements for completion of my degree I must conduct a study and write a report on it. I have chosen the following topic for my report, "A Survey of Existing and Needed Recreation Facilities in Selected Kansas Cities With Populations Between Ten and Fifty Thousand". In the questionnaire I am seeking information on all facilities available to the general public in your area, regardless of ownership in the community.

I would greatly appreciate your cooperation in this study. Would you please fill out the enclosed questionnaire and return it in the stamped, self-addressed envelope. If you wish the results of the study please indicate by your signature at the end of the questionnaire.

Sincerely,

Laren R. Winter

MASTER'S REPORT QUESTIONNAIRE

TERMINOLOGY

Arboretum- A place where trees, shrubs, and herbaceous plants are cultivated for scientific and educational purposes.

Athletic Fields- Areas for football, soccer, field hockey, etc.

Boccie courts- Italian lawn bowling played in a long narrow court.

Driving range- Area for purpose of practicing driving a golf ball.

Kiking area- Any area that is used for hiking purposes.

Hunting area- Any specific area designated for hunting game.

Marina- A dock or basis providing secure mooring for motor boats, yachts and sail boats and offering supplies.

Nature walk- Includes walking for the purpose of observing either plants, natural rock formations, birds or animals and photographing natural subjects.

Parkways and scenic corridors- These are essentially elongated parks with a road extending throughout their length.

Pool rooms- Areas for billiards, etc.

Practice diamonds- Areas for any type of outdoor recreational ball play.

Privately owned buildings- Buildings that their owners let the department use for your programs.

Tot-lots- Small area intended for children up to 6 or 7 years of age. Essentially a substitute for the backyard. Usually in apartment or tenement districts.

Vest-pocket park- Usually a vacant lot converted to recreational use. For neighborhood use.

Note- Some buildings include more than one area. Example: a youth center and arts and crafts center included in one building. Include both areas on the questionnaire even if they are located in one building.

MASTER'S REPORT QUESTIONNAIRE

1. What is the population of your community? _____

2. Existing Outdoor facilities for your use.

Arboretums		yes _____ # of _____	no _____
Athletic fields	lighted	yes _____ # of _____	no _____
	unlighted	_____	_____
Badminton courts	lighted	yes _____ # of _____	no _____
	unlighted	_____	_____
Baseball diamonds	lighted	yes _____ # of _____	no _____
	unlighted	_____	_____
Band shell		yes _____ # of _____	no _____
Basketball courts	lighted	yes _____ # of _____	no _____
	unlighted	_____	_____
Boating areas		yes _____ # of _____	no _____
Boccie courts	lighted	yes _____ # of _____	no _____
	unlighted	_____	_____
Campsite areas		yes _____ # of _____	no _____
Croquet courts	lighted	yes _____ # of _____	no _____
	unlighted	_____	_____
Dance pavillion		yes _____ # of _____	no _____
Day camps		yes _____ # of _____	no _____
Drag strips		yes _____ # of _____	no _____
Driving ranges	lighted	yes _____ # of _____	no _____
	unlighted	_____	_____
Fairgrounds		yes _____ # of _____	no _____
Fishing areas		yes _____ # of _____	no _____
Golf courses	minature	yes _____ # of _____	no _____
	Par-3	_____	_____
	municipal	_____	_____

Gun range	lighted	yes	_____	# of	_____	no	_____
	unlighted		_____		_____		_____
Handball courts	lighted	yes	_____	# of	_____	no	_____
	unlighted		_____		_____		_____
Hiking areas		yes	_____	# of	_____	no	_____
Horseback riding areas		yes	_____	# of	_____	no	_____
Horseshoe courts	lighted	yes	_____	# of	_____	no	_____
	unlighted		_____		_____		_____
Hunting areas		yes	_____	# of	_____	no	_____
Ice skating rinks		yes	_____	# of	_____	no	_____
Jogging courses		yes	_____	# of	_____	no	_____
Lakes		yes	_____	# of	_____	no	_____
Marinas		yes	_____	# of	_____	no	_____
Midget race track		yes	_____	# of	_____	no	_____
Model airplane field		yes	_____	# of	_____	no	_____
Nature walks		yes	_____	# of	_____	no	_____
Outdoor classroom areas		yes	_____	# of	_____	no	_____
Parks	neighborhood	yes	_____	# of	_____	no	_____
	vest-pocket		_____		_____		_____
	state		_____		_____		_____
	federal		_____		_____		_____
Parkways and scenic corridors		yes	_____	# of	_____	no	_____
Paved multiple-use areas		yes	_____	# of	_____	no	_____
Picnic areas		yes	_____	# of	_____	no	_____
Play apparatus areas		yes	_____	# of	_____	no	_____
Play fields	park	yes	_____	# of	_____	no	_____
	school		_____		_____		_____
Pools	country club	yes	_____	# of	_____	no	_____
	municipal		_____		_____		_____
	wading		_____		_____		_____

Practice diamonds		yes	_____	# of	_____	no	_____
Roller skating rinks		yes	_____	# of	_____	no	_____
Running tracks		yes	_____	# of	_____	no	_____
Shuffleboard courts	lighted	yes	_____	# of	_____	no	_____
	unlighted		_____		_____		_____
Softball diamonds							
	mens	lighted	yes	_____	# of	_____	no
		unlighted		_____	_____		_____
	womens	lighted		_____	_____		_____
		unlighted		_____	_____		_____
Stadiums		yes	_____	# of	_____	no	_____
Swimming beaches		yes	_____	# of	_____	no	_____
Tennis courts	lighted	yes	_____	# of	_____	no	_____
	unlighted		_____	_____	_____		_____
Tot-lots		yes	_____	# of	_____	no	_____
Volleyball courts	lighted	yes	_____	# of	_____	no	_____
	unlighted		_____	_____	_____		_____
Zoo		yes	_____	# of	_____	no	_____
Other Outdoor facilities not listed. _____							

3. Needed Outdoor facilities

Please list all facilities that
(1) are in the process of being built

(2) are in the planning stage

(3) are needed but not in the planning

(4) any other facilities that you think you may have in the future or would like to have.

4. Existing Indoor facilities for your use.

Archery ranges	yes_____ # of_____	no_____
Armory	yes_____ # of_____	no_____
Arts and crafts centers	yes_____ # of_____	no_____
Badminton courts	yes_____ # of_____	no_____
Bowling lanes	yes_____ # of_____	no_____
Community buildings	yes_____ # of_____	no_____
Golf ranges	yes_____ # of_____	no_____
Gun ranges	yes_____ # of_____	no_____

Gymnasiums municipal	yes _____ # of _____	no _____
school	_____	_____
Handball courts	yes _____ # of _____	no _____
Ice skating rinks	yes _____ # of _____	no _____
Indoor swimming pools	yes _____ # of _____	no _____
Libraries	yes _____ # of _____	no _____
Memorial halls	yes _____ # of _____	no _____
Movie theaters	yes _____ # of _____	no _____
Museums	yes _____ # of _____	no _____
Park buildings	yes _____ # of _____	no _____
Pool rooms	yes _____ # of _____	no _____
Privately owned buildings	yes _____ # of _____	no _____
Recreation centers	yes _____ # of _____	no _____
Roller skating rinks	yes _____ # of _____	no _____
School buildings	yes _____ # of _____	no _____
Senior citizen centers	yes _____ # of _____	no _____
Shuffleboard courts	yes _____ # of _____	no _____
Tennis courts	yes _____ # of _____	no _____
Volleyball courts	yes _____ # of _____	no _____
Youth centers	yes _____ # of _____	no _____
Other Indoor facilities not listed.	_____	

5. Needed Indoor facilities

Please list all facilities that

(1) are in the process of being built

(2) are in the planning stage

(3) are needed but not in the planning

(4) any other facilities that you think you may have in the future or would like to have.

A SURVEY OF EXISTING AND NEEDED
RECREATIONAL FACILITIES IN SELECTED KANSAS COMMUNITIES
WITH POPULATIONS BETWEEN TEN AND FIFTY THOUSAND

by

LAREN R. WINTER

B. S., Kansas State University, 1970

AN ABSTRACT OF A MASTER'S REPORT

submitted in partial fulfillment of the
requirements for the degree

MASTER OF SCIENCE

Department of Physical Education

Kansas State University
Manhattan, Kansas

1971

The purpose of this report was to evaluate and list the types of indoor and outdoor recreational facilities in selected Kansas communities and from this to determine what additional facilities were needed in each of these cities in order to meet national standards for facilities according to their populations. Also it was a purpose of this report to show the Superintendents of Recreation in each of these cities what facilities they were lacking.

In order to secure material for this report, a list of recreation commissions in Kansas located in cities with populations between ten and fifty thousand was obtained from Mr. Larry Heeb, State Consultant of Recreation in Kansas. Twenty-three communities were mailed a questionnaire in order to obtain material for this survey. For the convenience of each Superintendent of Recreation, a return, self-addressed and stamped envelope was included with each questionnaire.

The questionnaire was an extensive list of public recreation facilities they might have in their community. The first area of the questionnaire asked for the population of their community. The second area was concerned with existing outdoor facilities and whether they were lighted or unlighted. The fourth area was concerned with existing indoor facilities. Also space was available for listing outdoor and indoor facilities a community had which were not listed. The third and fifth areas were concerned with outdoor and indoor facilities the Superintendents thought they needed. These two categories had four

parts which could be completed. Part one was facilities in the process of being built. Part two was facilities in the planning stage. Part three was facilities needed but not in the planning. Part four was any other facilities that they might have in the future or would like to have.

The survey showed that all of the communities had an average amount of facilities. None were very far under the national standards, but all lacked facilities that are essential according to the national standards. Facilities that most communities seemed to lack were handball courts, badminton courts, bocce courts, botanical gardens, arboretums, apparatus areas, paved multiple-use areas, tot-lots, play fields, softball diamonds, and arts and crafts centers.