

CHAPTER 3

Supply of Outdoor Recreation Acreage in Indiana

Chapter Three examines the current supply of outdoor-recreation acreage in Indiana. The two previous chapters gave an overview of the public input for this SCORP, determined the main issues and trends, and subjected them to a needs analysis. The surveys looked at both the public point of view and the park-and-recreation provider perspective. The purpose was to better understand the outdoor-recreation needs of all Hoosiers.

Looking at the supply of outdoor-recreation acreage in Indiana gives us yet another measurement of assessing outdoor-recreation needs. The DNR Division of Outdoor Recreation maintains a database of outdoor-recreation facilities statewide to help track the supply of these resources. This facilities inventory database is maintained primarily from self-reported data received from all levels of government statewide, from research (including the Internet, park websites, etc.), and from data reported in local five-year parks-and-recreation master plans kept on file with the Division of Outdoor Recreation.

The data from this inventory are used in this chapter to compare the current amount of public outdoor recreation acreage at the local, regional and state levels with national and state guidelines, and provide another basis for statewide strategic

park planning. All population data used in this SCORP are taken from the latest available primary source: the U.S. Census 2014 Population Estimates, which were released in spring 2015 for public use.

NATIONAL RECREATION AND PARKS ASSOCIATION GUIDELINES FOR PUBLIC PARK ACREAGE

Drs. James D. Mertes and James R. Hall co-authored (with editor Roger A. Lancaster) the definitive book on recreation, park and open-space level of service guidelines in 1983. The book was published by the National Recreation and Parks Association (NRPA), and for decades was considered the gold standard for determining the minimum desired acreage of outdoor-recreation lands at the local and regional level. This book featured a relatively simple classification system for parks, and provided recommended acreages for parks on a population-ratio basis—so many acres of parks per 1,000 people residing in a community. Here are the most-basic-levels-of-service guidelines as they were published in 1983:

- Mini-Park: Has a service area less than a quarter-mile radius, and approximately a quarter- to half-acre per 1,000 population.

- Neighborhood Park: Has a service area between a quarter- and half-mile radius, with population up to 5,000, and is 15-plus acres, which equals 1.0 to 2.0 acres per 1,000 population.
- Community Park: Has a service area with a 1- to 2-mile radius (would normally include several neighborhoods), and is 25-plus acres, which equals 5.0 to 8.0 acres per 1,000 population.
- Regional/Metropolitan Park: Has a service area of one hour's driving time (would normally include several communities), and is 200-plus acres, which equals 5.0 to 10.0 acres per 1,000 population.
- Regional Park Preserve: Has a service area of one hour's driving time (would normally include several communities), and is 1,000-plus acres. 80% of this land would be reserved for natural-resource management and conservation, and 20% for recreational development. The acres-per-1,000 population for a regional park preserve would vary widely depending on the property available.
- Linear Park, Special-Use Area, or Conservancy Area: No applicable guidelines were set in this document.

Over the next 20 years or so, these guidelines were widely accepted, but even the NRPA itself noted that the guidelines were meant as a flexible benchmark, not an absolute number. Anyone who has tried on a one-size-fits-all T-shirt knows that "fits all" isn't always true. Academics and park professionals started trying to create a new method of determining how much park and open-space land a given community might need, taking unique local priorities into account. A more locally based and flexible means of determining a minimum amount of parks-and-recreation land or facilities began to emerge in the mid-1990s. Level of Service (LOS) is a process of strategic planning that takes into account the unique aspects of individual communities. LOS also measures demand for recreation opportunities, current park-and-recreation resources, and the needs and preferences of community residents. Indiana has used the 1983 NRPA guidelines as a benchmark since they were first published, but has created its own LOS guidelines for park-and-recreation open space.

INDIANA'S LOS GUIDELINES FOR PARKS, RECREATION AND OPEN SPACE

To simplify processing of the facilities inventory data, Indiana divides the current supply of recreation acreage into three categories: Local, State/Fed (regional) and Total (statewide):

- Local (County, Township, City or Town) recreation acres: Land owned by municipal, township and

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county governments, and land privately owned but open for public use.

- State/Fed (Regional) recreation acres: Land owned by either State or Federal governments for public recreational use.
- Total (Statewide) recreation acres: Total of all public recreation land statewide that is owned by all the entities in the other categories.

The State of Indiana took the above categories and created LOS guidelines for parks, recreation and open space for all Hoosiers. Indiana’s guidelines for outdoor recreation for acres per 1,000 people are:

- County LOS (Local): 20 acres per 1,000 people (.02 acres per person) of public (local) recreation acres
- State/Fed (Regional) LOS: 35 acres per 1,000 people (.035 acres per person) of public State and Federal (regional) recreation acres
- Total (Statewide) LOS: 55 acres per 1,000 people (.055 acres per person) total (sum of) acres of public recreational acres from the first two categories

Since the Indiana SCORP is a document with a statewide focus, these guidelines are on a different scale than the NRPA guidelines mentioned earlier. Indiana’s parks, recreation and open-space LOS guidelines are set according to geographic location (such as local region or statewide levels), instead of by types or sizes of park property. All acreages discussed in the SCORP are based on publicly owned or accessed lands. The SCORP excludes all schools. The reason is that many schools do not allow public access to their outdoor facilities; therefore, the DNR has no means to verify true public access to all school properties statewide. Private lands not open for public use are also excluded. Tables are included in this chapter that examine the supply of local, State/Fed (regional) and total (Statewide) owned outdoor-recreation acres, organized and presented by county and by region. The tables also look at current population (and population growth in the Critical Counties tables), as well as the best available inventory of public outdoor recreation acres available within each county and region.

LOCAL OUTDOOR RECREATION ACRES LISTED BY COUNTY AND BY REGION: MUNICIPAL, TOWNSHIP, COUNTY, AND PRIVATELY OWNED BUT OPEN FOR PUBLIC USE

As previously mentioned, Indiana uses an LOS guideline of 20 acres of locally owned and operated public outdoor-recreation acres per 1,000 people to determine which local

government entities have an adequate supply of acreage or a deficit of small-scale, local-level parks.

Local (owned by a county, township, city, or town) Acres by County

The first data tables in this SCORP provide data on local outdoor-recreation acres tallied by county to illustrate those counties that may need more assistance in improving their supply of locally owned and managed public outdoor-recreation acreage. In the “Difference” column, a bracketed number in red print (X), indicates a negative or deficient number of acres of OR land.

FIGURE 3.1 Local Acres Example

County Number & Name	2014 Pop. (Estimate)	Recommended Acres; Local 20a/1000 People	Sum of IN County Local Acres	Difference
1-Adams	34,791	695.82	389.4	(306.42)

Let’s look at the Indiana Local Acres by County Table listing for Adams County as an example (figure 3.1). From the left-hand column:

- County ID number (1)
- County Name (Adams)
- 2014 U.S. Census County Population Estimate (34,791 residents)
- DNR-recommended LOS Local Acres of outdoor recreation land (.02 acre * 34,791 people = 695.82 acres recommended)
- Current inventory of local acres of OR land (389.4 acres)
- Recommended number of OR acres—current number of local OR acres = “Difference” (389.4 local acres - 695.82 recommended acres = 306.42-acre deficit of OR acres in Adams County)

Of 92 counties in the state, 60% are deficient in local-level public outdoor-recreation acres (55 counties) (see table 3.1 and figure 3.2).

Local (owned by a county, township, city, or town) Acres by Region

A word about “Regions” in this document: Previous authors of the Indiana SCORP going back decades have used a number of different ways to divide the state into manageable regions or groups of counties that shared some aspects that gave certain advantages to analyzing them in aggregate. The past several SCORPs have used a regional map first obtained from the Indiana Association of Regional Councils under the former State of Indiana Department of Planning in the early 1970s. This map divided Indiana into 18 regions, based on groups of counties that

TABLE 3.1 Indiana Counties - Local Acres

County Number & Name	County Seat	Plan Region	2010 Pop.	2014 Pop. (Estimate)	Percent of Pop. Change	Recommended Acres; Local 20a/1,000 People	Sum of Local Acres (Current Acres)	Difference
1 Adams	Decatur	7	34,387	34,791	1.17	695.82	389.4	(306.42)
2 Allen	Ft. Wayne	7	355,329	365,918	2.98	7,318.36	6,228.69	(1,089.67)
3 Bartholomew	Columbus	15	76,794	80,217	4.46	1,604.34	1,996.67	392.33
4 Benton	Fowler	4	8,854	8,700	(1.74)	174.00	104.46	(69.54)
5 Blackford	Hartford City	2	12,766	12,401	(2.86)	248.02	135.84	(112.18)
6 Boone	Lebanon	15	56,640	61,915	9.31	1,238.30	853.75	(384.55)
7 Brown	Nashville	15	15,242	14,962	(1.84)	299.24	1069	769.76
8 Carroll	Delphi	4	20,155	19,923	(1.15)	398.46	297.9	(100.56)
9 Cass	Logansport	14	38,966	38,438	(1.36)	768.76	939.44	170.68
10 Clark	Jeffersonville	10	110,232	114,262	3.66	2,285.24	876.27	(1,408.97)
11 Clay	Brazil	13	26,890	26,562	(1.22)	531.24	224.85	(306.39)
12 Clinton	Frankfort	15	33,224	32,776	(1.35)	655.52	192.7	(462.82)
13 Crawford	English	3	10,713	10,655	(0.54)	213.10	33	(180.10)
14 Daviess	Washington	12	31,648	32,729	3.42	654.58	2,494.12	1 839.54
15 Dearborn	Lawrenceburg	11	50,047	49,506	(1.08)	990.12	1,596.53	606.41
16 Decatur	Greensburg	11	25,740	26,524	3.05	530.48	235.34	(295.14)
17 Dekalb	Auburn	7	42,223	42,383	0.38	847.66	253.33	(594.33)
18 Delaware	Muncie	2	117,671	117,074	(0.51)	2,341.48	2,476.09	134.61
19 Dubois	Jasper	3	41,889	42,345	1.09	846.90	1,327.32	480.42
20 Elkhart	Goshen	6	197,559	201,971	2.23	4,039.42	3,330.15	(709.27)
21 Fayette	Connersville	15	24,277	23,468	(3.33)	469.36	884.4	415.04
22 Floyd	New Albany	10	74,578	76,179	2.15	1,523.58	674.1	(849.48)
23 Fountain	Covington	15	17,240	16,658	(3.38)	333.16	374.1	40.94
24 Franklin	Brookville	11	23,087	22,934	(0.66)	458.68	256	(202.68)
25 Fulton	Rochester	14	20,836	20,500	(1.61)	410.00	470.3	60.30
26 Gibson	Princeton	1	33,503	33,759	0.76	675.18	844	168.82
27 Grant	Marion	2	70,061	68,569	(2.13)	1,371.38	349.4	(1,021.98)
28 Greene	Bloomfield	12	33,165	32,726	(1.32)	654.52	532.5	(122.02)
29 Hamilton	Noblesville	15	274,569	302,623	10.22	6,052.46	3,662.01	(2,390.45)
30 Hancock	Greenfield	15	70,002	71,978	2.82	1,439.56	552.5	(887.06)
31 Harrison	Corydon	10	39,364	39,299	(0.17)	785.98	1,918.43	1 132.45
32 Hendricks	Danville	15	145,448	156,056	7.29	3,121.12	1,459.58	(1,661.54)
33 Henry	New Castle	15	49,462	48,995	(0.94)	979.90	1,607.37	627.47
34 Howard	Kokomo	14	82,752	82,982	0.28	1,659.64	988.35	(671.29)
35 Huntington	Huntington	9	37,124	36,706	(1.13)	734.12	356.13	(377.99)
36 Jackson	Brownstown	15	42,376	43,705	3.14	874.10	252.2	(621.90)
37 Jasper	Rensselaer	4	33,478	33,475	(0.01)	669.50	890.49	220.99
38 Jay	Portland	2	21,253	21,179	(0.35)	423.58	349.1	(74.48)
39 Jefferson	Madison	11	32,428	32,494	0.20	649.88	290.5	(359.38)
40 Jennings	Vernon	11	28,525	28,000	(1.84)	560	648	88.00
41 Johnson	Franklin	15	139,654	147,538	5.65	2,950.76	987.55	(1,963.21)
42 Knox	Vincennes	12	38,440	37,938	(1.31)	758.76	756.25	(2.51)
43 Kosciusko	Warsaw	6	77,358	78,564	1.56	1,571.28	728.74	(842.54)
44 LaGrange	Lagrange	9	37,128	38,436	3.52	768.72	1016.3	247.58
45 Lake	Crown Point	8	496,005	490,228	(1.16)	9,804.56	10,568.82	764.26
46 LaPorte	LaPorte	8	111,467	111,444	(0.02)	2,228.88	2,680.87	451.99

County Number & Name	County Seat	Plan Region	2010 Pop.	2014 Pop. (Estimage)	Percent of Pop. Change	Recommended Acres; Local 20a/1,000 People	Sum of Local Acres (Current Acres)	Difference
47 Lawrence	Bedford	12	46,134	45,704	(0.93)	914.08	857	(57.08)
48 Madison	Anderson	5	131,636	130,069	(1.19)	2,601.38	1,191.17	(1,410.21)
49 Marion	Indianapolis	15	903,393	934,243	3.41	18,684.86	11,666.13	(7,018.73)
50 Marshall	Plymouth	6	47,051	47,107	0.12	942.14	731.79	(210.35)
51 Martin	Shoals	12	10,334	10,203	(1.27)	204.06	259.6	55.54
52 Miami	Peru	14	36,903	35,954	(2.57)	719.08	368.25	(350.83)
53 Monroe	Bloomington	15	137,974	143,339	3.89	2,866.78	4,685.03	1,818.25
54 Montgomery	Crawfordsville	15	38,124	38,146	0.06	762.92	979.97	217.05
55 Morgan	Martinsville	15	68,894	69,693	1.16	1,393.86	469.55	(924.31)
56 Newton	Kentland	4	14,244	14,156	(0.62)	283.12	7,796	7,512.88
57 Noble	Albion	9	47,536	47,618	0.17	952.36	2,571.78	1,619.42
58 Ohio	Rising Sun	11	6,128	6,035	(1.52)	120.70	48	(72.70)
59 Orange	Paoli	3	19,840	19,626	(1.08)	392.52	437	44.48
60 Owen	Spencer	15	21,575	20,969	(2.81)	419.38	69.9	(349.48)
61 Parke	Rockville	13	17,339	17,233	(0.61)	344.66	492.6	147.94
62 Perry	Tell City	3	19,338	19,454	0.60	389.08	152.3	(236.78)
63 Pike	Petersburg	3	12,845	12,624	(1.72)	252.48	1,001.28	748.80
64 Porter	Valparaiso	8	164,343	167,076	1.66	3,341.52	2,241.51	(1,100.01)
65 Posey	Mt. Vernon	1	25,910	25,540	(1.43)	510.80	249.81	(260.99)
66 Pulaski	Winamac	4	13,402	12,967	(3.25)	259.34	98.5	(160.84)
67 Putnam	Greencastle	13	37,963	37,618	(0.91)	752.36	1,486	733.64
68 Randolph	Winchester	15	26,171	25,384	(3.01)	507.68	547.83	40.15
69 Ripley	Versailles	11	28,818	28,497	(1.11)	569.94	611.5	41.56
70 Rush	Rushville	15	17,392	16,892	(2.87)	337.84	140.49	(197.35)
71 St. Joseph	South Bend	6	266,931	267,618	0.26	5,352.36	3,431.16	(1,921.20)
72 Scott	Scottsburg	10	24,181	23,712	(1.94)	474.24	164.2	(310.04)
73 Shelby	Shelbyville	11	44,436	44,579	0.32	891.58	322.05	(569.53)
74 Spencer	Rockport	3	20,952	20,801	(0.72)	416.02	408.1	(7.92)
75 Starke	Knox	4	23,363	23,074	(1.24)	461.48	1,545.92	1,084.44
76 Steuben	Angola	9	34,185	34,308	0.36	686.16	1,275.45	589.29
77 Sullivan	Sullivan	13	21,475	21,050	(1.98)	421.00	2,608	2,187.00
78 Switzerland	Vevay	11	10,613	10,452	(1.52)	209.04	71.61	(137.43)
79 Tippecanoe	Lafayette	15	172,780	183,074	5.96	3,661.48	2,919.1	(742.38)
80 Tipton	Tipton	14	15,936	15,415	(3.27)	308.30	181.57	(126.73)
81 Union	Liberty	15	7,516	7,246	(3.59)	144.92	27	(117.92)
82 Vanderburgh	Evansville	1	179,703	182,006	1.28	3,640.12	2,272.64	(1,367.48)
83 Vermillion	Newport	13	16,212	15,693	(3.20)	313.86	164.65	(149.21)
84 Vigo	Terre Haute	13	107,848	108,175	0.30	2,163.50	2,318.25	154.75
85 Wabash	Wabash	9	32,888	32,252	(1.93)	645.04	549.69	(95.35)
86 Warren	Williamsport	4	8,508	8,352	(1.83)	167.04	279	111.96
87 Warrick	Boonville	1	59,689	61,149	2.45	1,222.98	1,896.42	673.44
88 Washington	Salem	10	28,262	27,878	(1.36)	557.56	594.42	36.86
89 Wayne	Richmond	15	68,917	67,671	(1.81)	1,353.42	1,682.33	328.91
90 Wells	Bluffton	7	27,636	27,862	0.82	557.24	337.36	(219.88)
91 White	Monticello	4	24,643	24,453	(0.77)	489.06	191.1	(297.96)
92 Whitley	Columbia City	9	33,292	33,403	0.33	668.06	370.76	(297.30)
Statewide			6,483,802	6,596,855	1.74	131,937.10	121,916.61	(10,020.49)



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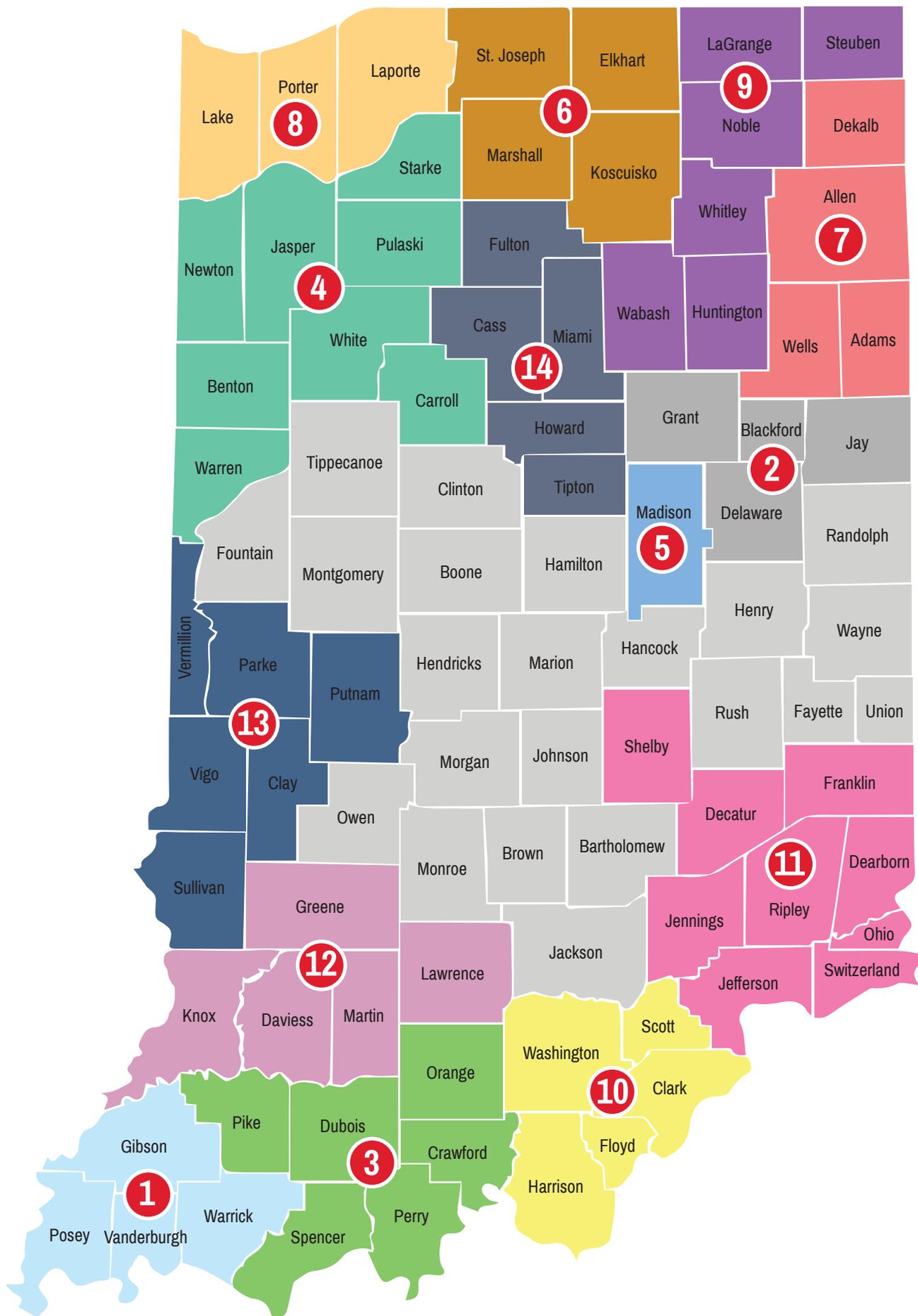
TABLE 3.2 Local Acres by Region

Plan Region	2010 Pop.	2014 Pop. (Estimate)	Percent of Pop. change	Recommended Acres; Local 20a/1000	IN Local Acres	Difference
1	298,805	302,454	3.06	6,049.08	5,262.87	(786.21)
2	221,751	219,223	(5.84)	4,384.46	3,310.43	(1,074.03)
3	125,577	125,505	(2.37)	2,510.10	3,359.00	848.90
4	146,647	145,100	(10.60)	2,902.00	11,203.37	8,301.37
5	131,636	130,069	(1.19)	2,601.38	1,191.17	(1,410.21)
6	588,899	595,260	4.17	11,905.20	8,221.84	(3,683.36)
7	459,575	470,954	5.35	9,419.08	7,208.78	(2,210.30)
8	771,815	768,748	0.48	15,374.96	15,491.20	116.24
9	222,153	222,723	1.33	4,454.46	6,140.11	1,685.65
10	276,617	281,330	2.34	5,626.60	4,227.42	(1,399.18)
11	249,822	249,021	(4.16)	4,980.42	4,079.53	(900.89)
12	159,721	159,300	(1.41)	3,186.00	4,899.47	1,713.47
13	227,727	226,331	(7.62)	4,526.62	7,294.35	2,767.73
14	195,393	193,289	(8.53)	3,865.78	2,947.91	(917.87)
15	2,407,664	2,507,548	32.44	50,150.96	37,079.16	(13,071.80)
Statewide	6,483,802	6,596,855	1.74	131,937.10	121,916.61	(10,020.49)

had officially banded together in development districts or planning commissions for shared economic development, coordination of urban and regional planning, and intergovernmental cooperation. Since created, the IARC's member county groups have changed many times, and by 2010 many of the new regional councils bore little resemblance to their old counterparts. This made it time for the DNR to adopt the latest version of IARC's regions. The latest (as of August 2013) map of the IARC's member councils shows 14 different regional councils (all with different names), listed in alphabetical order,

and numbered 1-14. (The old list had several "subdivided" regions, such as "3A" and "3B"). The current IARC map also makes it clear that in the past several decades, a number of counties in the center of the state have opted not to participate in any regional planning councils; these counties will be numbered as region 15 on the DNR maps in this SCORP, and will be listed as "unaffiliated" (see pages 56-57).

Out of the 14 IARC member regions and 15th unaffiliated group of counties, 9 regions (60%) are deficient in local-level public outdoor-recreation acreage (see table 3.2).



INDIANA ASSOCIATION OF REGIONAL COUNCILS

Indiana's Planning Regions

1. Economic Development Coalition of Southwest Indiana

Debra Bennett-Stearsman, Vice President
318 Main Street, Suite 400, Evansville, IN 47708
P: 812.423.2020 F: 812.423.2080
dbennett@southwestindiana.org
www.southwestindiana.org

2. East Central Indiana Regional Planning District

Pam Price, Executive Director
1208 White River Blvd, Ste 112, Muncie, IN 47308
P: 765.254.0116 F: 765.286.0565
pprice@ecirpd.org
www.ecirpd.org

3. Indiana 15 Regional Planning Commission

Lisa Gehlhausen, Executive Director
221 E First Street, Ferdinand, IN 47532
P: 812.367.8455 F: 812.367.8171
lisa@ind15rpc.org
www.ind15rpc.org

4. Kankakee - Iroquois Regional Planning Commission

Edwin Buswell, Executive Director
115 E 4th Street, PO Box 127 Monon, IN 47959
P: 219.253.6658 F: 219.253.6659
ebuswell@urhere.net
www.kirpc.net

5. Madison County Council of Governments

Jerrold Bridges, Executive Director
16 E. 9th Street, Room 100 Anderson, IN 46016
P: 765.641.9482 F: 765.641.9486
jbridges@mccog.net
www.mccog.net

6. Michiana Area Council of Governments

James Turnwald, Executive Director
227 W Jefferson Blvd, 1120 County/City Building
South Bend, IN 46601
P: 574.287.1829 F: 574.287.1840
jturnwald@macog.com - www.macog.com

7. Northeastern Indiana Regional Coordinating Council

Dan Avery, Executive Director
One E Main Street, City-County Bldg Rm 630
Ft. Wayne, IN 46802
P: 260.449.7309 F: 260.449.7682
Dan.avery@co.allen.in.us - www.co.allen.in.us

8. Northwestern Indiana Regional Planning Commission

Ty Warner, Executive Director
6100 Southport Rd, Portage, IN 46368
P: 219.763.6060 F: 219.762.1653
twarner@nirpc.org
www.nirpc.org

9. Region III-A Economic Development District & Regional Planning Commission

Jessica Grossman, Executive Director
217 Fairview Blvd, Kendallville, IN 46755
P: 260.347.4714 F: 260.347.4718
jgrossman@region3a.org
www.region3a.org

10. River Hills Economic Development District & Regional Planning Commission

Jill Saegesser, Executive Director
300 Spring St, Suite 2A, Jeffersonville, IN 47130
P: 812.288.4624 F: 812.288.8105
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11. Southeastern Indiana Regional Planning Commission

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405 W. US Hwy 50, PO Box 765 Versailles, IN 47042
P: 812.689.5505 F: 812.689.3526
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12. Southern Indiana Development Commission

Greg Jones, Executive Director
PO Box 442, Loogootee, IN 47553
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13. West Central Indiana Economic Development District

Ron Hinsenkamp, Executive Director
1718 Wabash Ave
Terre Haute, IN 47807
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www.westcentralin.com

14. North Central Indiana Regional Planning Council

Steven Ray, Executive Director
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Peru, IN 46970
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Total (statewide) Local Acres

Just because local acres of public OR land are deficient by both county and region, it does not mean that the total (statewide) level is deficient. Indiana has grown 1.74% in population, according to the population projections published by the U.S. Census in 2014, to 6,596,855 residents. Multiplying the current population by the recommended LOS of 20 acres of public OR land per 1,000 people (.02 acre per person) equals 131,937.10 acres. Subtracting the current supply of local acres (121,916.61 acres) equals a statewide deficit of local public OR land of 10,020.49 acres.

Why Are There Deficits in Locally Owned Public Outdoor Recreation Acres?

There are many reasons why such a high percentage of counties and regions in the state have a deficit in the number of local public OR acres. A few possible explanations are:

- Nearby State-owned or Federal-owned properties that may provide for significant public recreation needs, causing local governments to perceive that they may not have to supply as many local parks.
- A lack of community resources and support to acquire, develop, and/or maintain local OR properties.
- Communities in that county/region may lack the organization or structure—such as park boards and/or park departments—to operate new or existing parks.
- The communities in that county/region may not have enough advocacy among underserved users and user groups to motivate local government leaders to acquire and/or develop sufficient local park land.
- A need for adequate funding for acquisition, development, personnel, operations, and maintenance of existing or new public OR properties.

STATE/FED (REGIONAL) OUTDOOR RECREATION ACRES LISTED BY COUNTY AND REGION: STATE AND FEDERAL PUBLIC OUTDOOR RECREATION LAND

The Division of Outdoor Recreation examines the supply of State/Fed (regional) public OR acres (State and/or Federal public OR acres) at the same geographic scale as it does local public OR acres: by county, region and total (statewide).

State/Fed (Regional) (State and Federal-owned) Acres by County

The third set of data tables in this SCORP provides data on State and Federal outdoor-recreation acres by county to illustrate those counties that may need more assistance in improving their supply of State and Federal public outdoor-recreation acreage. In the “Difference” column, a bracketed number in red print (X), indicates a negative or deficient number of acres of OR land (see table 3.3).

FIGURE 3.3 State/Fed Acres Example

County Number & Name	2014 Pop. (Estimate)	Recommended Acres; Regional 35a/1000 People	Sum of IN County Regional Acres	Difference
1-Adams	34,791	1,217.69	547.42	(670.27)

Let’s look at the Indiana State/Fed (Regional) Acres by County Table listing for Adams County as an example (see figure 3.3). From the left-hand column:

- County ID number (1)
- County Name (Adams)
- 2014 U.S. Census County Population Estimate (34,791 residents)
- DNR-recommended LOS Local Acres of Outdoor-Recreation Land (.035 acre* 34,791 people = 1,217.69 acres recommended)
- Current inventory of State/Fed (Regional) acres of OR land (547.42 acres)
- Recommended number of OR acres—current number of State/Fed (Regional) OR acres = “Difference” (547.42 Regional Acres – 1,217.69 Recommended Acres = 670.27 acre deficit of OR acres in Adams County)

Out of 92 counties total in the state, 43% are deficient in regional public outdoor-recreation acres (40 counties) (see figure 3.4).

Indiana has a wide and varied array of state parks and federal properties that provide for the outdoor recreation needs of Hoosiers. The nature of these less-numerous, much larger, more widely scattered parks that are designed to serve a bigger service area, tends to create gaps between service areas when viewed at the county level. These gaps don’t happen as often with local OR acreage. Some counties have an abundance of State and Federal acres. Those that do not are often significantly lacking in State and Federal (regional-type) properties. When looking at the data as broken down by county, please note that the sheer size of some of these State/Fed (regional) properties tends to emphasize the haves versus the have-nots.

FIGURE 3.4
State/Fed Regional Outdoor Recreation Acres, by County



TABLE 3.3 Indiana Counties - State/Fed Regional Acres

County Number & Name	Plan Region	2010 Pop.	2015 Pop. (Projected)	Percent of Pop. Change	Recommended Acres; Regional 35a/1,000 People	Sum of Regional Acres (Current Acres)	Difference
1 Adams	7	34,387	34,791	1.17	1,217.69	547.42	(670.27)
2 Allen	7	355,329	365,918	2.98	12,807.13	48.61	(12,758.52)
3 Bartholomew	15	76,794	80,217	4.46	2,807.60	870.73	(1,936.87)
4 Benton	4	8,854	8,700	(1.74)	304.50	1,834	1,529.50
5 Blackford	2	12,766	12,401	(2.86)	434.04	0	(434.04)
6 Boone	15	56,640	61,915	9.31	2,167.03	39	(2,128.03)
7 Brown	15	15,242	14,962	(1.84)	523.67	66,953.24	66,429.57
8 Carroll	4	20,155	19,923	(1.15)	697.31	314.76	(382.55)
9 Cass	14	38,966	38,438	(1.36)	1,345.33	2	(1,343.33)
10 Clark	10	110,232	114,262	3.66	3,999.17	19,845.21	15,846.04
11 Clay	13	26,890	26,562	(1.22)	929.67	2,496	1,566.33
12 Clinton	15	33,224	32,776	(1.35)	1,147.16	29	(1,118.16)
13 Crawford	3	10,713	10,655	(0.54)	372.93	39,082.61	38,709.69
14 Daviess	12	31,648	32,729	3.42	1,145.52	8,845.33	7,699.82
15 Dearborn	11	50,047	49,506	(1.08)	1,732.71	47.2	(1,685.51)
16 Decatur	11	25,740	26,524	3.05	928.34	137.08	(791.26)
17 Dekalb	7	42,223	42,383	0.38	1,483.41	7.4	(1,476.01)
18 Delaware	2	117,671	117,074	(0.51)	4,097.59	0	(4,097.59)
19 Dubois	3	41,889	42,345	1.09	1,482.08	11,766.38	10,284.31
20 Elkhart	6	197,559	201,971	2.23	7,068.99	444.95	(6,624.04)
21 Fayette	15	24,277	23,468	(3.33)	821.38	108	(713.38)
22 Floyd	10	74,578	76,179	2.15	2,666.27	2139	(527.27)
23 Fountain	15	17,240	16,658	(3.38)	583.03	580.86	(2.17)
24 Franklin	11	23,087	22,934	(0.66)	802.69	9,640.96	8,838.27
25 Fulton	14	20,836	20,500	(1.61)	717.50	832.94	115.44
26 Gibson	1	33,503	33,759	0.76	1,181.57	4,638.66	3,457.10
27 Grant	2	70,061	68,569	(2.13)	2,399.92	1,422	(977.92)
28 Greene	12	33,165	32,726	(1.32)	1,145.41	16,901.05	15,755.64
29 Hamilton	15	274,569	302,623	10.22	10,591.81	1	(10,590.81)
30 Hancock	15	70,002	71,978	2.82	2,519.23	0	(2,519.23)
31 Harrison	10	39,364	39,299	(0.17)	1,375.47	17,111.33	15,735.87
32 Hendricks	15	145,448	156,056	7.29	5,461.96	0	(5,461.96)
33 Henry	15	49,462	48,995	(0.94)	1,714.83	3,808.46	2,093.64
34 Howard	14	82,752	82,982	0.28	2,904.37	80	(2,824.37)
35 Huntington	9	37,124	36,706	(1.13)	1,284.71	15,519	14,234.29
36 Jackson	15	42,376	43,705	3.14	1,529.68	38,289.47	36,759.80
37 Jasper	4	33,478	33,475	(0.01)	1,171.63	5,905.1	4,733.48
38 Jay	2	21,253	21,179	(0.35)	741.27	482.28	(258.99)
39 Jefferson	11	32,428	32,494	0.20	1,137.29	19,113.52	17,976.23
40 Jennings	11	28,525	28,000	(1.84)	980.00	18,261.86	17,281.86
41 Johnson	15	139,654	147,538	5.65	5,163.83	4,649	(514.83)
42 Knox	12	38,440	37,938	(1.31)	1,327.83	418.52	(909.31)
43 Kosciusko	6	77,358	78,564	1.56	2,749.74	4,127.06	1,377.32
44 LaGrange	9	37,128	38,436	3.52	1,345.26	9,743.9	8,398.64
45 Lake	8	496,005	490,228	(1.16)	17,157.98	5,294.15	(11,863.83)
46 LaPorte	8	111,467	111,444	(0.02)	3,900.54	10,430.05	6,529.51

County Number & Name	Plan Region	2010 Pop.	2015 Pop. (Projected)	Percent of Pop. Change	Recommended Acres; Regional 35a/1,000 People	Sum of Regional Acres (Current Acres)	Difference
47 Lawrence	12	46,134	45,704	(0.93)	1,599.64	1,7356.32	15,756.68
48 Madison	5	131,636	130,069	(1.19)	4,552.42	285	(4,267.42)
49 Marion	15	903,393	934,243	3.41	32,698.51	2,281.88	(30,416.63)
50 Marshall	6	47,051	47,107	0.12	1,648.75	1,119.85	(528.90)
51 Martin	12	10,334	10,203	(1.27)	357.11	17,359.41	17,002.31
52 Miami	14	36,903	35,954	(2.57)	1,258.39	1,270.22	11.83
53 Monroe	15	137,974	143,339	3.89	5,016.87	40,957.2	35,940.34
54 Montgomery	15	38,124	38,146	0.06	1,335.11	1,749.83	414.72
55 Morgan	15	68,894	69,693	1.16	2,439.26	6,743.36	4,304.11
56 Newton	4	14,244	14,156	(0.62)	495.46	14,368.46	13,873
57 Noble	9	47,536	47,618	0.17	1,666.63	5,392.06	3,725.43
58 Ohio	11	6,128	6,035	(1.52)	211.23	22.29	(188.94)
59 Orange	3	19,840	19,626	(1.08)	686.91	47979	47,292.09
60 Owen	15	21,575	20,969	(2.81)	733.92	12,541.85	11,807.94
61 Parke	13	17,339	17,233	(0.61)	603.16	8,165.07	7,561.92
62 Perry	3	19,338	19,454	0.60	680.89	62,920.46	62,239.57
63 Pike	3	12,845	12,624	(1.72)	441.84	16,492.79	16,050.95
64 Porter	8	164,343	167,076	1.66	5,847.66	13,253.38	7,405.72
65 Posey	1	25,910	25,540	(1.43)	893.90	13,488.92	12,595.02
66 Pulaski	4	13,402	12,967	(3.25)	453.85	10,524.17	10,070.33
67 Putnam	13	37,963	37,618	(0.91)	1,316.63	7,785.44	6,468.81
68 Randolph	15	26,171	25,384	(3.01)	888.44	681.72	(206.72)
69 Ripley	11	28,818	28,497	(1.11)	997.40	33369	32,371.61
70 Rush	15	17,392	16,892	(2.87)	591.22	0	(591.22)
71 St. Joseph	6	266,931	267,618	0.26	9,366.63	36,816.47	27,449.84
72 Scott	10	24,181	23,712	(1.94)	829.92	10,619.53	9,789.61
73 Shelby	11	44,436	44,579	0.32	1,560.27	2	(1,558.27)
74 Spencer	3	20,952	20,801	(0.72)	728.04	3728	2,999.97
75 Starke	4	23,363	23,074	(1.24)	807.59	3,825.52	3,017.93
76 Steuben	9	34,185	34,308	0.36	1,200.78	6,112.67	4,911.89
77 Sullivan	13	21,475	21,050	(1.98)	736.75	12,600	11,863.25
78 Switzerland	11	10,613	10,452	(1.52)	365.82	1,307.39	941.57
79 Tippecanoe	15	172,780	183,074	5.96	6,407.59	2,420.06	(3,987.53)
80 Tipton	14	15,936	15,415	(3.27)	539.53	37	(502.53)
81 Union	15	7,516	7,246	(3.59)	253.61	9,328.54	9,074.93
82 Vanderburgh	1	179,703	182,006	1.28	6,370.21	503	(5,867.21)
83 Vermillion	13	16,212	15,693	(3.20)	549.26	5,464.02	4,914.77
84 Vigo	13	107,848	108,175	0.30	3,786.13	150.24	(3,635.89)
85 Wabash	9	32,888	32,252	(1.93)	1,128.82	15,134.16	14,005.34
86 Warren	4	8,508	8,352	(1.83)	292.32	147	(145.32)
87 Warrick	1	59,689	61,149	2.45	2,140.22	7,914.1	5,773.89
88 Washington	10	28,262	27,878	(1.36)	975.73	18,039.96	17,064.23
89 Wayne	15	68,917	67,671	(1.81)	2,368.49	24.53	(2,343.96)
90 Wells	7	27,636	27,862	0.82	975.17	2541	1,565.83
91 White	4	24,643	24,453	(0.77)	855.86	594.79	(261.07)
92 Whitley	9	33,292	33,403	0.33	1,169.11	518.93	(650.18)
Indiana Co. Regional Acres		6,483,802	6,596,855	1.74	230,889.93	816,745.68	585,855.75

State/Fed (Regional) Acres (State and Federal owned) by Region

Four regions in Indiana (27%) do not meet the DNR recommendations of 35 acres of State/Fed (regional) OR acres per 1,000 people. The service-area gaps mentioned at the county level of regional acres are not as pronounced when viewed at the region level. The scattered nature of regional OR properties simply doesn't show up as well when viewed at this larger geographic scale. It should be noted that the majority of the regions that are deficient in State/Fed (regional) acres of public OR land are either in the central or northern portions of the state. The large number of State and Federally owned public OR properties in the southern portion of the state, such as the Hoosier National Forest and Morgan-Monroe State Forest help those areas meet the DNR State/Fed (regional) LOS recommendations for public OR land when viewed by region (see table 3.4).

TOTAL OUTDOOR RECREATION ACRES LISTED BY COUNTY AND REGION: ALL PUBLIC OUTDOOR RECREATION LANDS CURRENTLY RECORDED IN THE DNR FACILITIES INVENTORY

DNR-OR also examines the supply of public OR lands in Indiana by tallying the local and State/Fed (regional) data and looking at them as a total. The total (statewide) LOS for Indiana is created by adding the other two LOS figures: 20 acres/1,000 and 35 acres/1,000, for a total LOS of 55 acres/1,000 people. These totals of all recorded public OR acreage will be listed under county-, region- and statewide-level totals in the same way the local and State/Fed (regional)

data were. This provides a snapshot of all public OR lands as recorded in the DNR facilities inventory database (see table 3.5).

Total (statewide) Acres by County

52 counties in Indiana meet DNR's recommended total LOS of 55 acres of public OR land per 1,000 population. This is two more counties meeting the Total LOS (when tallied by county) than during the last SCORP cycle. The 40 counties deficient in total OR acreage is the same number as recorded in the current State/Fed (regional) acreage by County tables. Given the size of many of the State/Fed (regional) parcels, as noted earlier in the text, the State/Fed (regional) property effect carries over into the total data.

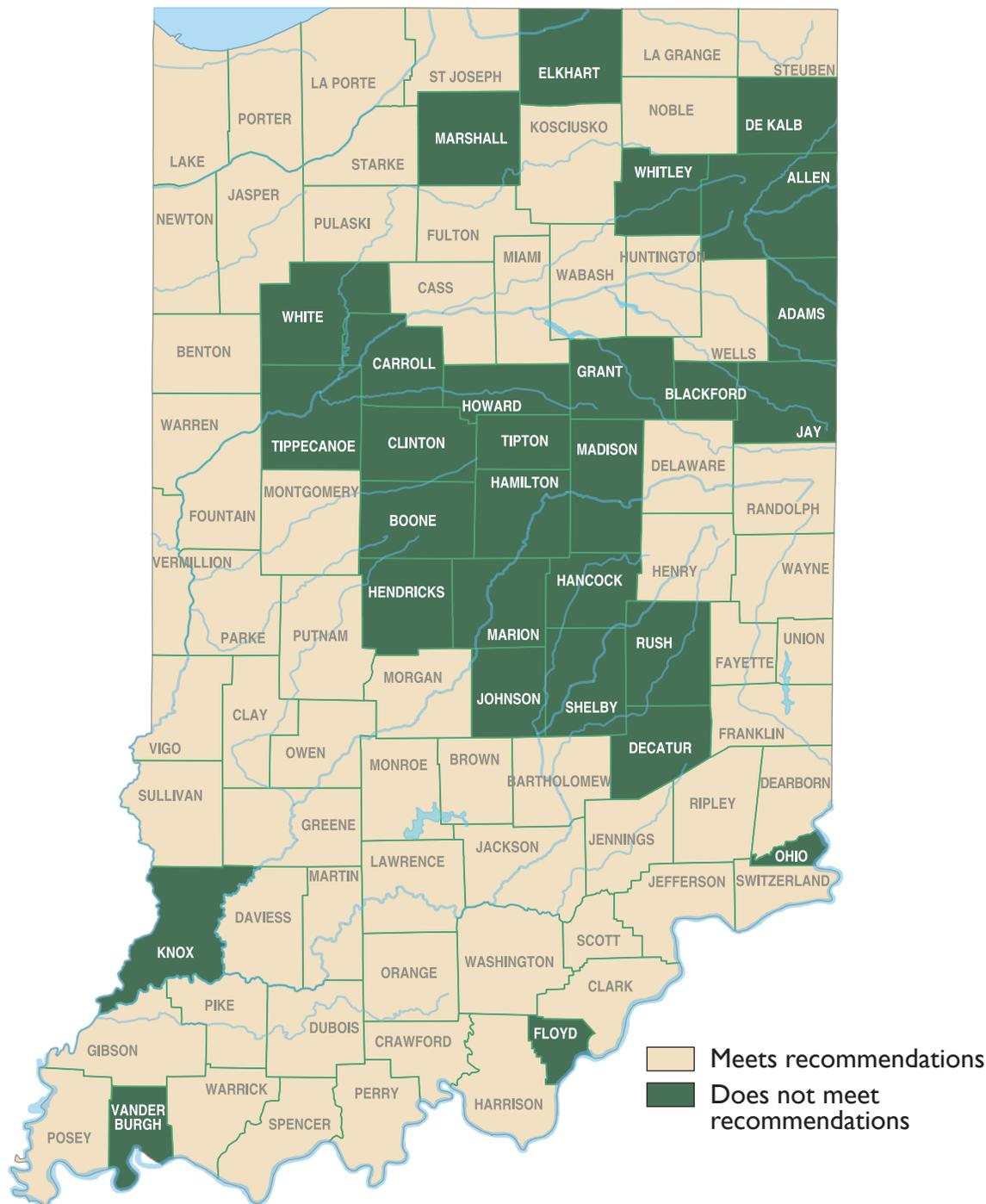
Of the 52 counties that meet the total LOS recommendation, 26 counties (28% of all Indiana counties) actually meet all three LOS recommendations—Local, State/Fed (Regional) and Total (statewide):

- Brown
- Daviess
- Dubois
- Fulton
- Gibson
- Harrison
- Henry
- Jasper
- Jennings
- LaGrange
- LaPorte
- Martin
- Monroe
- Montgomery
- Newton
- Noble
- Orange
- Parke
- Pike
- Putnam
- Ripley
- Starke
- Steuben
- Sullivan
- Warrick
- Washington

TABLE 3.4 State/Fed Regional Acres by Region

Plan Region	2010 Pop.	2014 Pop. (Estimate)	Percent of Pop. change	Recommended Acres; Regional 35a/1,000 People	IN Regional Acres	Difference
1	298,805	302,454	3.06	10,585.89	26,544.68	15,958.79
2	221,751	219,223	(5.84)	7,672.81	1,904.28	(5,768.53)
3	125,577	125,505	(2.37)	4,392.68	181,969.24	177,576.57
4	146,647	145,100	(10.60)	5,078.50	37,513.80	32,435.30
5	131,636	130,069	(1.19)	4,552.42	285	(4,267.42)
6	588,899	595,260	4.17	20,834.10	42,508.33	21,674.23
7	459,575	470,954	5.35	16,483.39	3,144.43	(13,338.96)
8	771,815	768,748	0.48	26,906.18	28,977.58	2,071.40
9	222,153	222,723	1.33	7,795.31	52,420.72	44,625.42
10	276,617	281,330	2.34	9,846.55	67,755.03	57,908.48
11	249,822	249,021	(4.16)	8,715.74	81,901.30	73,185.57
12	159,721	159,300	(1.41)	5,575.50	60,880.63	55,305.13
13	227,727	226,331	(7.62)	7,921.59	36,660.77	28,739.19
14	195,393	193,289	(8.53)	6,765.12	2,222.16	(4,542.96)
15	2,407,664	2,507,548	32.44	87,764.18	192,057.73	104,293.55
Statewide	6,483,802	6,596,855	1.74	230,889.93	816,745.68	585,855.76

FIGURE 3.5
Counties Deficient in All 3 LOS Acre Categories



Of the 40 counties that do not meet the total LOS recommendation, 29 counties (32% of all Indiana counties) are deficient in all three LOS recommendations—Local, State/Fed (Regional) and Total (statewide) (see figure 3.5).

- Adams
- Clinton
- Grant
- Jay
- Marshall
- Tipton
- Allen
- Decatur
- Hamilton
- Johnson
- Ohio
- Vanderburgh
- Blackford
- Dekalb
- Hancock
- Knox
- Rush
- White
- Boone
- Elkhart
- Hendricks
- Madison
- Shelby
- Whitley
- Carroll
- Floyd
- Howard
- Marion
- Tippecanoe

TABLE 3.5 Indiana Counties - Total Acres

County Number & Name	2010 Pop.	2014 Pop. (Estimate)	Percent of Pop. Change	Recommended Acres; Local 55a/1,000 People	Sum of IN County Total (Current Acres)	Difference
1 Adams	34,387	34,791	1.17	1,913.51	936.82	(976.69)
2 Allen	355,329	365,918	2.98	20,125.49	6277.3	(13,848.19)
3 Bartholomew	76,794	80,217	4.46	4,411.94	2867.4	(1,544.54)
4 Benton	8,854	8,700	(1.74)	478.50	1,938.46	1,459.96
5 Blackford	12,766	12,401	(2.86)	682.06	135.84	(546.22)
6 Boone	56,640	61,915	9.31	3,405.33	892.75	(2,512.58)
7 Brown	15,242	14,962	(1.84)	822.91	68,022.24	67,199.33
8 Carroll	20,155	19,923	(1.15)	1,095.77	612.66	(483.11)
9 Cass	38,966	38,438	(1.36)	2,114.09	941.44	(1,172.65)
10 Clark	110,232	114,262	3.66	6,284.41	20,721.48	14,437.07
11 Clay	26,890	26,562	(1.22)	1,460.91	2,720.85	1,259.94
12 Clinton	33,224	32,776	(1.35)	1,802.68	221.7	(1,580.98)
13 Crawford	10,713	10,655	(0.54)	586.03	39,115.61	38,529.59
14 Daviess	31,648	32,729	3.42	1,800.10	11,339.45	9,539.36
15 Dearborn	50,047	49,506	(1.08)	2,722.83	1,643.73	(1,079.10)
16 Decatur	25,740	26,524	3.05	1,458.82	372.42	(1,086.40)
17 Dekalb	42,223	42,383	0.38	2,331.07	260.73	(2,070.33)
18 Delaware	117,671	117,074	(0.51)	6,439.07	2,476.09	(3,962.98)
19 Dubois	41,889	42,345	1.09	2,328.98	13,093.7	10,764.73
20 Elkhart	197,559	201,971	2.23	11,108.41	3,775.1	(7,333.31)
21 Fayette	24,277	23,468	(3.33)	1,290.74	992.4	(298.34)
22 Floyd	74,578	76,179	2.15	4,189.85	2,813.1	(1,376.75)
23 Fountain	17,240	16,658	(3.38)	916.19	954.96	38.77
24 Franklin	23,087	22,934	(0.66)	1,261.37	9,896.96	8,635.59
25 Fulton	20,836	20,500	(1.61)	1,127.50	1,303.24	175.74
26 Gibson	33,503	33,759	0.76	1,856.75	5,482.66	3,625.92
27 Grant	70,061	68,569	(2.13)	3,771.30	1,771.4	(1,999.90)
28 Greene	33,165	32,726	(1.32)	1,799.93	17,433.55	15,633.62
29 Hamilton	274,569	302,623	10.22	16,644.27	3,663.01	(12,981.26)
30 Hancock	70,002	71,978	2.82	3,958.79	552.5	(3,406.29)
31 Harrison	39,364	39,299	(0.17)	2,161.45	19,029.76	16,868.32
32 Hendricks	145,448	156,056	7.29	8,583.08	1,459.58	(7,123.50)
33 Henry	49,462	48,995	(0.94)	2,694.73	5,415.83	2,721.11
34 Howard	82,752	82,982	0.28	4,564.01	1,068.35	(3,495.66)
35 Huntington	37,124	36,706	(1.13)	2,018.83	15,875.13	13,856.30
36 Jackson	42,376	43,705	3.14	2,403.78	38,541.67	36,137.90
37 Jasper	33,478	33,475	(0.01)	1,841.13	6,795.59	4,954.47
38 Jay	21,253	21,179	(0.35)	1,164.85	831.38	(333.47)
39 Jefferson	32,428	32,494	0.20	1,787.17	19,404.02	17,616.85
40 Jennings	28,525	28,000	(1.84)	1,540	18,909.86	17,369.86
41 Johnson	139,654	147,538	5.65	8,114.59	5,636.55	(2,478.04)
42 Knox	38,440	37,938	(1.31)	2,086.59	1,174.77	(911.82)
43 Kosciusko	77,358	78,564	1.56	4,321.02	4,855.8	534.78
44 LaGrange	37,128	38,436	3.52	2,113.98	10,760.2	8,646.22
45 Lake	496,005	490,228	(1.16)	26,962.54	15,862.98	(11,099.57)
46 LaPorte	111,467	111,444	(0.02)	6,129.42	13,110.92	6,981.50

County Number & Name	2010 Pop.	2014 Pop. (Estimate)	Percent of Pop. Change	Recommended Acres; Local 55a/1,000 People	Sum of IN County Total (Current Acres)	Difference
47 Lawrence	46,134	45,704	(0.93)	2,513.72	18,213.32	15,699.6
48 Madison	131,636	130,069	(1.19)	7,153.80	1,476.17	(5,677.63)
49 Marion	903,393	934,243	3.41	51,383.37	13,948.01	(37,435.36)
50 Marshall	47,051	47,107	0.12	2,590.89	1,851.64	(739.25)
51 Martin	10,334	10,203	(1.27)	561.17	17,619.01	17,057.85
52 Miami	36,903	35,954	(2.57)	1,977.47	1,638.47	(339)
53 Monroe	137,974	143,339	3.89	7,883.65	45,642.23	37,758.59
54 Montgomery	38,124	38,146	0.06	2,098.03	2,729.8	631.77
55 Morgan	68,894	69,693	1.16	3,833.12	7,212.91	3,379.80
56 Newton	14,244	14,156	(0.62)	778.58	22,164.46	21,385.88
57 Noble	47,536	47,618	0.17	2,618.99	7,963.84	5,344.85
58 Ohio	6,128	6,035	(1.52)	331.93	70.29	(261.64)
59 Orange	19,840	19,626	(1.08)	1,079.43	48,416	47,336.57
60 Owen	21,575	20,969	(2.81)	1,153.30	12,611.75	11,458.46
61 Parke	17,339	17,233	(0.61)	947.82	8,657.67	7,709.86
62 Perry	19,338	19,454	0.60	1,069.97	63,072.76	62,002.79
63 Pike	12,845	12,624	(1.72)	694.32	17,494.07	16,799.75
64 Porter	164,343	167,076	1.66	9,189.18	15,494.89	6,305.71
65 Posey	25,910	25,540	(1.43)	1,404.70	13,738.73	12,334.03
66 Pulaski	13,402	12,967	(3.25)	713.19	10,622.67	9,909.49
67 Putnam	37,963	37,618	(0.91)	2,068.99	9,271.44	7,202.45
68 Randolph	26,171	25,384	(3.01)	1,396.12	1,229.55	(166.57)
69 Ripley	28,818	28,497	(1.11)	1,567.34	33,980.5	32,413.17
70 Rush	17,392	16,892	(2.87)	929.06	140.49	(788.57)
71 St. Joseph	266,931	267,618	0.26	14,718.99	40,247.63	25,528.64
72 Scott	24,181	23,712	(1.94)	1,304.16	10,783.73	9,479.57
73 Shelby	44,436	44,579	0.32	2,451.85	324.05	(2,127.80)
74 Spencer	20,952	20,801	(0.72)	1,144.06	4,136.1	2,992.05
75 Starke	23,363	23,074	(1.24)	1,269.07	5,371.44	4,102.37
76 Steuben	34,185	34,308	0.36	1,886.94	7,388.12	5,501.18
77 Sullivan	21,475	21,050	(1.98)	1,157.75	15,208	14,050.25
78 Switzerland	10,613	10,452	(1.52)	574.86	1,379	804.14
79 Tippecanoe	172,780	183,074	5.96	10,069.07	5,339.16	(4,729.91)
80 Tipton	15,936	15,415	(3.27)	847.83	218.57	(629.26)
81 Union	7,516	7,246	(3.59)	398.53	9,355.54	8,957.01
82 Vanderburgh	179,703	182,006	1.28	10,010.33	2,775.64	(7,234.69)
83 Vermillion	16,212	15,693	(3.20)	863.12	5,628.67	4,765.56
84 Vigo	107,848	108,175	0.30	5,949.63	2,468.49	(3,481.14)
85 Wabash	32,888	32,252	(1.93)	1,773.86	15,683.85	13,909.99
86 Warren	8,508	8,352	(1.83)	459.36	426	(33.36)
87 Warrick	59,689	61,149	2.45	3,363.20	9,810.52	6,447.32
88 Washington	28,262	27,878	(1.36)	1,533.29	18,634.38	17,101.09
89 Wayne	68,917	67,671	(1.81)	3,721.91	1,706.86	(2,015.05)
90 Wells	27,636	27,862	0.82	1,532.41	2,878.36	1,345.95
91 White	24,643	24,453	(0.77)	1,344.92	785.89	(559.03)
92 Whitley	33,292	33,403	0.33	1,837.17	889.69	(947.48)
Indiana County Total Acres			1.74	362,827.03	938,662.3	575,835.27

Total (statewide) Acres by Region

Eleven regions in Indiana meet DNR’s recommended total LOS of 55 acres of public OR land per 1,000 population (see table 3.6). The four regions deficient in total OR acreage (27% of all Indiana regions) is the same as recorded in the current State/Fed (regional) acreage tables by Region. Given the size of many of the State/Fed (regional) parcels, as noted earlier, the State/Fed (regional) property effect carries over into the total data.

Of the 11 regions that meet the total LOS recommendation, six regions (40% of all Indiana regions) actually meet all three LOS recommendations—Local, State/Fed (Regional) and Total (statewide):

- Indiana 15 Regional Planning District (Region 3)
- Kankakee-Iroquois Regional Planning Commission (Region 4)
- Northwestern Indiana Regional Planning Commission (Region 8)

- Region III-A Economic Development District and Regional Planning Commission (Region 9)
- Southern Indiana Development Commission (Region 12)
- West-Central Indiana Economic Development District (Region 13)

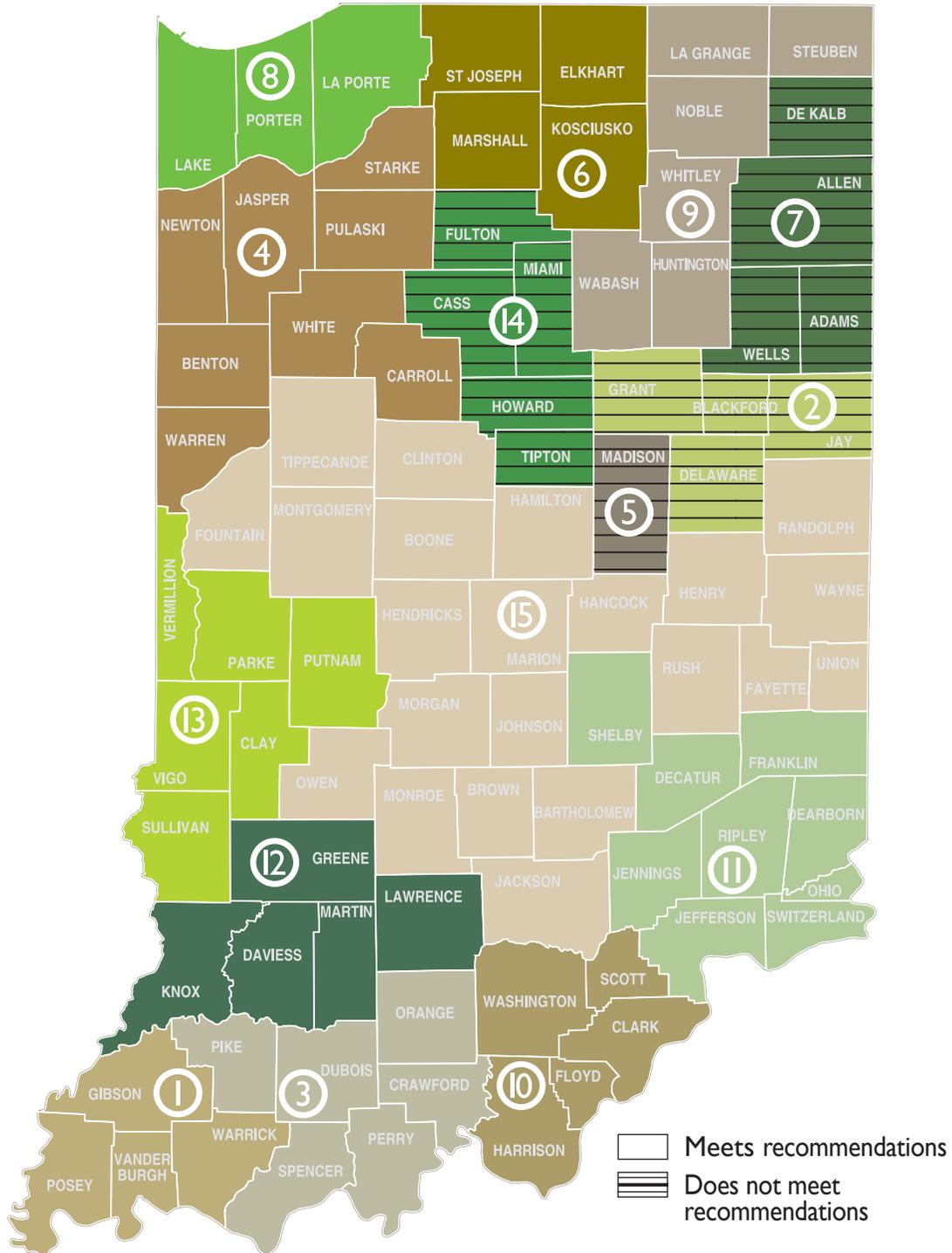
The four regions that do not meet the total LOS recommendation (27% of all Indiana regions) are actually deficient in all three LOS recommendations—Local, State/Fed (Regional) and Total (Statewide):

- Energize-ECI Regional Planning District (Region 2)
- Madison County Council of Governments (Region 5)
- Northeastern Indiana Regional Coordinating Council (Region 7)
- North Central Indiana Regional Planning Council (Region 14)

TABLE 3.6 Total Acres by Region

Plan Region	2010 Pop.	2014 Pop. (Estimate)	Percent of Pop. change	Recommended Acres; Total 55a/1000	IN State/Fed (Regional) Acres	IN Local Acres	IN Total Acres	Difference
1	298,805	302,454	3.06	16,634.97	26,544.68	5,262.87	31,807.55	15,172.58
2	221,751	219,223	(5.84)	12,057.27	1,904.28	3,310.43	5,214.71	(6,842.56)
3	125,577	125,505	(2.37)	6,902.78	181,969.24	3,359.00	185,328.24	178,425.47
4	146,647	145,100	(10.60)	7,980.50	37,513.80	11,203.37	48,717.17	40,736.67
5	131,636	130,069	(1.19)	7,153.80	285	1,191.17	1,476.17	(5,677.63)
6	588,899	595,260	4.17	32,739.30	42,508.33	8,221.84	50,730.17	17,990.87
7	459,575	470,954	5.35	25,902.47	3,144.43	7,208.78	10,353.21	(15,549.26)
8	771,815	768,748	0.48	42,281.14	28,977.58	15,491.20	44,468.78	2,187.64
9	222,153	222,723	1.33	12,249.77	52,420.72	6,140.11	58,560.83	46,311.07
10	276,617	281,330	2.34	15,473.15	67,755.03	4,227.42	71,982.45	56,509.30
11	249,822	249,021	(4.16)	13,696.16	81,901.30	4,079.53	85,980.83	72,284.68
12	159,721	159,300	(1.41)	8,761.50	60,880.63	4,899.47	65,780.10	57,018.60
13	227,727	226,331	(7.62)	12,448.21	36,660.77	7,294.35	43,955.12	31,506.92
14	195,393	193,289	(8.53)	10,630.90	2,222.16	2,947.91	5,170.07	(5,460.83)
15	2,407,664	2,507,548	32.44	137,915.14	192,057.73	37,079.16	229,136.89	91,221.75
Statewide	6,483,802	6,596,855	1.74	362,827.03	816,745.68	121,916.61	938,662.29	575,835.27

FIGURE 3.6
Total (statewide) Acres by Region





Total (statewide) Outdoor-Recreation Acres

As noted elsewhere in the SCORP, Indiana has grown 1.74% in population according to the population estimates published by the U.S. Census in 2014, to 6,596,855 residents. Multiplying the current population by the recommended Total (statewide) LOS of 55 acres of public OR land per 1,000 people (.055 acre per person), yields a total of 362,827.03 acres. The current supply of Total (statewide) public outdoor recreation acres of 938,662.30 exceeds the Total (statewide) Recommended LOS acres of 362,827.03 by 575,835.27 acres.

Conclusion of Total Outdoor Recreation Acres

Indiana now ranks 16th in the country in total population as of the 2014 U.S. Census Population Estimates. That ranking is one lower than in 2010. Indiana has gained population, but not as fast

as some other states. The total state acreage of Indiana is 23,307,520. Of that total, 938,662.30 acres is designated for outdoor recreation. Indiana therefore has only 4.03% of its land area available for public outdoor recreation.

One observation that cannot be avoided is the continuing difference between counties and regions that have reported surpluses of public OR land, and those that have deficits. There are still significant gaps between the haves and have-nots for outdoor recreation acreage in Indiana. As noted earlier, the southern portion of the state tends to have more counties that meet the total LOS guidelines than the northern tier. And when population distribution and service areas are taken into account, these differences grow. It was noted in the last several SCORPs that there was an apparent inequity in the distribution of public OR acreage statewide. That still has not significantly changed for this SCORP.



TARGET PRACTICE

Changes in Indiana's Outdoor Recreation Acres figures in 2016

Since the 2011-2016 SCORP, the Division of Outdoor Recreation staff began an intensive process of reviewing, revising and updating the DNR Facilities Inventory Database. OR staff members were aware of long-standing issues in the database that had accumulated over decades, and made a good-faith effort to update the database to agree with all best-available information. Facilities Inventory Database improvements included: updating data from recent DNR Geographic Information System (GIS) data and primary source documents such as five-year Park and Recreation Master Plans and local government parks system websites; fixing errors in database entry, field types, double entries and omissions; and cross-checking data with other sources whenever possible.

The result of this work was a new, more accurate set of 2016 Outdoor Recreation acreage figures for the entire state. In 2010, at the writing of the last SCORP, Indiana had 1,248,882 acres of outdoor-recreation land, according to the Facilities Inventory. The new, more-accurate total acreage of public outdoor recreation land in the state is 938,662.30 acres. Work in the database is ongoing, and it should continue to yield even better, more accurate data for future SCORPs. Local public outdoor-recreation providers of all types are encouraged to share data about their facilities (especially specific acreage of all individual parks within their jurisdiction) with the Division of Outdoor Recreation staff to help us keep the Facilities Inventory Database as current as possible.

TABLE 3.7 Critical Counties - Total Acres

County Number & Name	Plan Region	2010 Pop.	2014 Pop. (Projected)	Percent of Pop. Change	Recommended Acres; Local 55a/1,000 People	Sum of IN County Total	Difference
2 Allen	7	355,329	365,918	2.98	20,125.49	6,277.3	(13,848.19)
3 Bartholomew	15	76,794	80,217	4.46	4,411.94	2,867.4	(1,544.54)
6 Boone	15	56,640	61,915	9.31	3,405.33	892.75	(2,512.58)
16 Decatur	11	25,740	26,524	3.05	1,458.82	372.42	(1,086.40)
20 Elkhart	6	197,559	201,971	2.23	11,108.41	3775.1	(7,333.31)
22 Floyd	10	74,578	76,179	2.15	4,189.85	2813.1	(1,376.75)
29 Hamilton	15	274,569	302,623	10.22	16,644.27	3,663.01	(12,981.26)
30 Hancock	15	70,002	71,978	2.82	3,958.79	552.5	(3,406.29)
32 Hendricks	15	145,448	156,056	7.29	8,583.08	1,459.58	(7,123.50)
41 Johnson	15	139,654	147,538	5.65	8,114.59	5,636.55	(2,478.04)
49 Marion	15	903,393	934,243	3.41	51,383.37	13,948.01	(37,435.36)
79 Tippecanoe	15	172,780	183,074	5.96	10,069.07	5,339.16	(4,729.91)

CRITICAL COUNTIES

The state’s population-growth rate has decreased since the last SCORP, so the definition of “critical county” in Indiana has changed. A critical county is defined as:

1. A county that does not have the recommended supply of outdoor-recreation acres of 55 acres per 1,000 population or greater
2. A population-growth rate higher than the 2010 to 2014 estimated Indiana statewide population growth rate of 1.74% (data obtained from the U.S. Census 2014 population estimates)

12 counties meet the critical counties criteria (See figure & table 3.7):

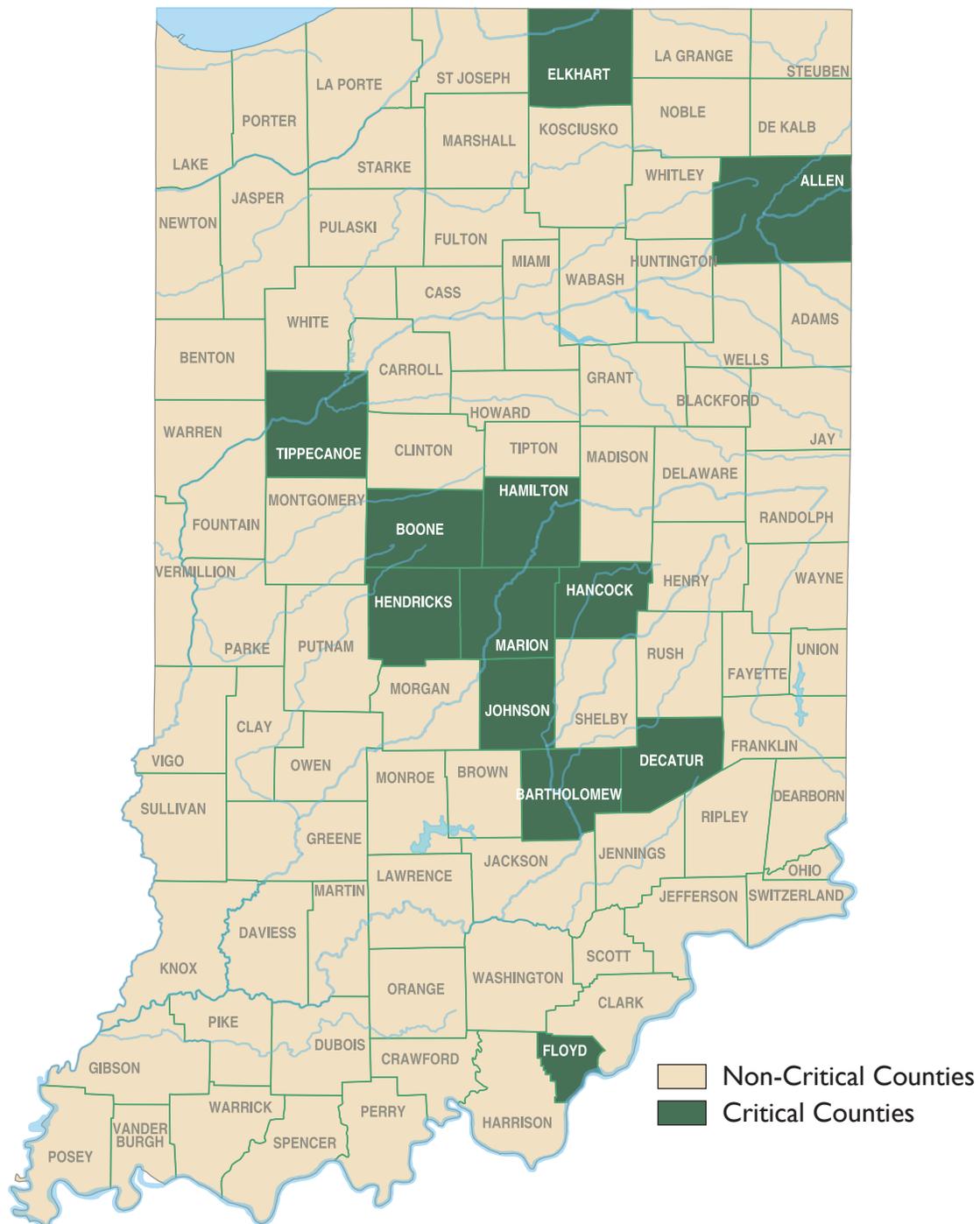
- Allen
- Boone
- Elkhart
- Hamilton
- Hendricks
- Marion
- Bartholomew
- Decatur
- Floyd
- Hancock
- Johnson
- Tippecanoe

If the critical counties criteria used the supply of local acres of outdoor-recreation land (at 20 acres/1,000 population), the list above would change somewhat:

- Allen
- Clark
- Elkhart
- Hamilton
- Hendricks
- Johnson
- Tippecanoe
- Boone
- Decatur
- Floyd
- Hancock
- Jackson
- Marion



FIGURE 3.7
Critical Counties Total Acres



OUTDOOR RECREATION
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WATERFOWL HUNTING

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