HEC SHORT REPORT
INDIANA COUNTY WATER DATA

WHAT'S IN THIS REPORT?

This report provides a brief overview of water quality and water use in Indiana. This data has been gathered to highlight water issues in Indiana counties and educate those interested in Indiana's water resources. State and federal government water data from 2024 was used to create this document.

Hoosier Environmental COUNCIL

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Winding stream at Indiana Dunes National Lakeshore, by Yinan Chen (commons.wikimedia.org).

REPORT HIGHLIGHTS

Counties with highest number of impaired streams and lakes

- Dubois, Pike, Pulaski, and Putnam Counties have the most impaired streams, with each county having individually over 500 miles of impaired streams.
- Only 14 of Indiana's 92 counties have less than 100 miles of impaired streams.
- Monroe County has 10,886 acres of impaired lakes, nearly double the acreage of any other county.

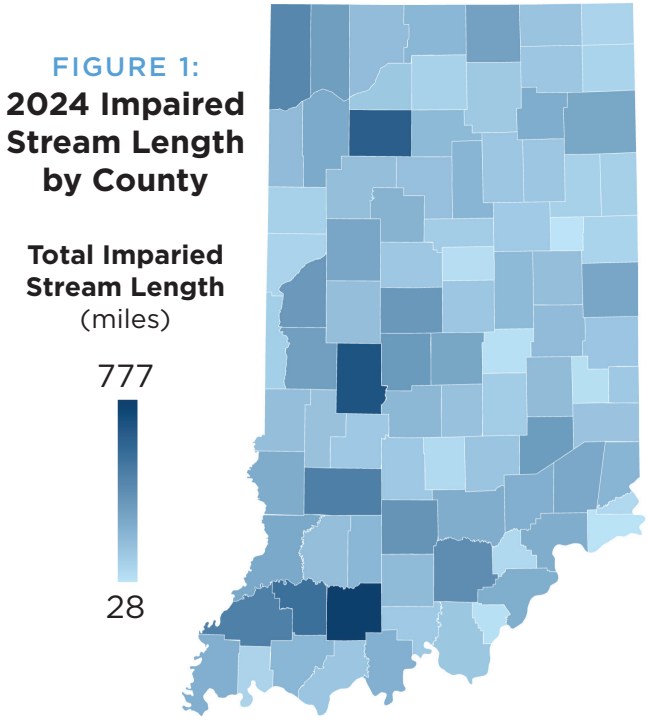
Counties with largest volume of water withdrawals

- Just 4 Indiana counties – Jefferson, Lake, Warrick, and Vermillion – each withdrew over 10%, totaling 57% of the total water withdrawn in Indiana in 2024.
- Porter County and Sullivan County each withdrew 8% of the total water, and Marion County withdrew 6%. The remaining Indiana counties withdrew a total of 21%.

Counties with highest number of facilities with water quality violations

- Lake, Kosciusko, and Morgan counties led in water quality violations in 2024.

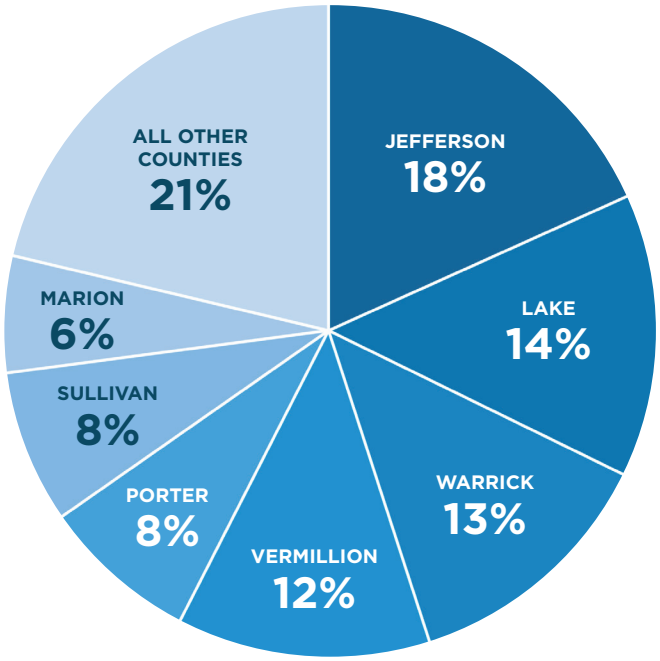
FIGURE 1:
2024 Impaired Stream Length by County



Credit: Hoosier Environmental Council

FIGURE 2:

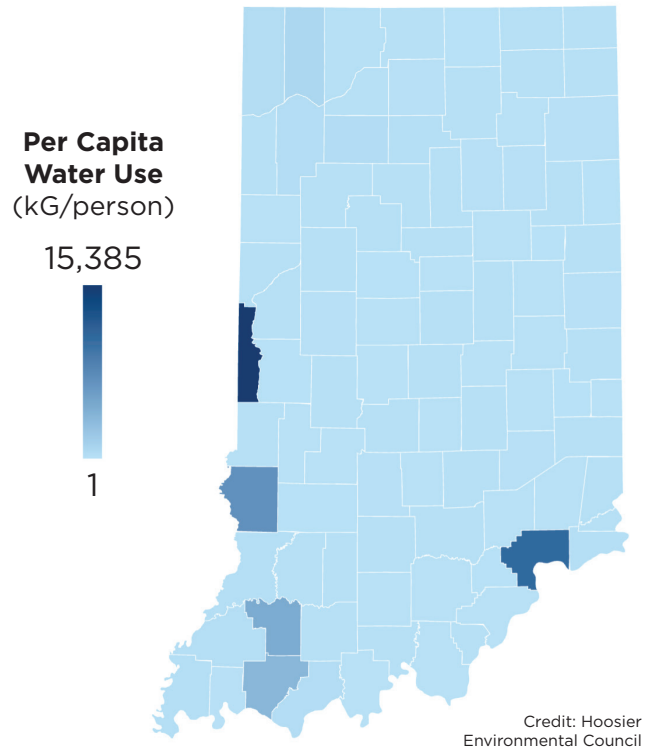
2024 Indiana Water Withdrawal by County



Credit: Hoosier Environmental Council

FIGURE 3:

2024 Per Capita Water Use by County



Credit: Hoosier Environmental Council

TABLE 1: 2024 Indiana Water Data by County

County Name	Population	Total Impaired Stream Length (miles)	Total Impaired Lake Area (acres)	Total Water Withdrawal (MG)	Per Capita Water Withdrawal (kG/person)	Facilities with Water Violations*
Adams	36,584	110	-	1,598	44	4
Allen	399,295	288	438	18,757	47	14
Bartholomew	84,741	159	-	6,906	81	10
Benton	8,853	106	-	285	32	2
Blackford	11,816	28	-	536	45	2
Boone	78,773	354	-	1,163	15	4
Brown	15,650	70	-	9	1	5
Carroll	20,747	240	-	2,882	139	6
Cass	37,559	178	-	2,781	74	6
Clark	127,479	255	-	2,236	18	10
Clay	26,424	169	8	239	9	5
Clinton	32,895	148	-	1,459	44	5
Crawford	10,523	137	-	1,041	99	6
Daviess	34,097	187	61	2,322	68	3
Dearborn	51,435	227	-	7,049	137	9
Decatur	26,421	335	23	1,296	49	2
DeKalb	44,330	90	36	2,810	63	11
Delaware	112,951	186	-	4,158	37	8
Dubois	43,629	777	-	3,813	87	8
Elkhart	207,436	313	303	9,291	45	12
Fayette	23,335	47	-	996	43	2
Floyd	81,931	42	-	9,886	121	5
Fountain	16,833	356	-	1,281	76	4

County Name	Population	Total Impaired Stream Length (miles)	Total Impaired Lake Area (acres)	Total Water Withdrawal (MG)	Per Capita Water Withdrawal (kG/person)	Facilities with Water Violations*
Franklin	23,136	160	5,260	1,636	71	3
Fulton	20,004	205	1,495	3,525	176	4
Gibson	33,038	469	-	9,774	296	9
Grant	66,458	132	-	2,266	34	12
Greene	31,219	470	-	1,236	40	8
Hamilton	379,704	150	1,800	29,662	78	8
Hancock	88,810	43	-	1,948	22	10
Harrison	39,978	149	-	953	24	6
Hendricks	190,629	349	-	3,651	19	11
Henry	49,081	199	-	1,417	29	6
Howard	84,082	122	484	5,466	65	11
Huntington	36,944	151	900	1,739	47	5
Jackson	47,420	257	-	2,856	60	9
Jasper	33,387	270	-	12,435	372	7
Jay	20,164	89	-	1,203	60	6
Jefferson	32,921	257	-	348,193	10,577	4
Jennings	27,634	252	-	873	32	2
Johnson	170,614	177	-	4,303	25	11
Knox	35,872	276	-	8,449	236	10
Kosciusko	80,669	139	6,761	6,906	86	18
LaGrange	41,122	168	1,853	5,465	133	4
Lake	502,955	433	1,294	265,659	528	24
LaPorte	111,348	194	273	15,202	137	8
Lawrence	45,192	374	-	3,164	70	8
Madison	134,222	205	-	8,413	63	8
Marion	981,628	291	2,828	110,333	112	14
Marshall	46,464	101	790	2,302	50	8
Martin	9,864	224	-	704	71	5
Miami	35,613	231	-	2,968	83	3
Monroe	140,702	142	10,886	6,490	46	13
Montgomery	38,633	185	-	1,782	46	10
Morgan	73,825	215	-	7,485	101	16
Newton	14,131	199	-	2,003	142	4
Noble	47,811	151	1,394	2,966	62	7
Ohio	5,996	76	-	343	57	-
Orange	19,824	198	-	182	9	1
Owen	21,851	141	-	542	25	5
Parke	16,508	324	2,060	714	43	5
Perry	19,320	249	-	563	29	2
Pike	12,116	537	-	54,957	4,536	5
Porter	175,860	328	154	148,134	842	14
Posey	25,067	254	242	5,985	239	7
Pulaski	12,421	628	-	5,090	410	3
Putnam	37,804	672	-	2,641	70	8
Randolph	24,337	289	-	1,186	49	8
Ripley	29,214	283	-	665	23	6
Rush	16,759	196	-	428	26	4
St. Joseph	273,744	224	441	32,647	119	13
Scott	24,751	74	741	1,054	43	4
Shelby	45,654	123	-	3,742	82	9

County Name	Population	Total Impaired Stream Length (miles)	Total Impaired Lake Area (acres)	Total Water Withdrawal (MG)	Per Capita Water Withdrawal (kG/person)	Facilities with Water Violations*
Spencer	20,192	154	-	6,998	347	7
Starke	23,463	145	1,786	2,678	114	1
Steuben	34,862	97	3,999	2,054	59	7
Sullivan	20,768	263	1,556	144,813	6,973	9
Switzerland	9,988	34	-	1,503	150	1
Tippecanoe	191,650	289	84	11,210	58	12
Tipton	15,324	51	-	368	24	5
Union	6,884	141	-	116	17	2
Vanderburgh	180,387	94	-	9,502	53	5
Vermillion	15,516	115	-	238,716	15,385	6
Vigo	106,166	181	-	6,635	62	5
Wabash	30,777	152	3,191	1,636	53	10
Warren	8,451	96	-	535	63	1
Warrick	66,339	224	-	243,363	3,668	4
Washington	28,345	400	210	927	33	2
Wayne	66,410	157	161	3,739	56	7
Wells	28,798	103	-	1,627	56	4
White	24,833	185	2,828	2,090	84	7
Whitley	34,885	259	1,004	1,244	36	4
Total	**6,924,275**	**19,973**	**55,344**	**1,904,846**	**275**	**628**

METHODS

The data used in this report and its sources are broken down below. For more detailed information, please visit the sources below.

County Name: Name of county.

Population: The population in 2024 according to the United States Census.

Data source (Scan QR code or go to): census.gov/data/tables/time-series/demo/popest/2020s-counties-total.html

Total Impaired Stream Length: This is the length, in miles, of Category 5 streams that the Indiana Department of Environmental Management (IDEM) considered the "designated beneficial use [of] is impaired or threatened" in 2024. In other words, this figure represents the length of streams that were not properly supporting their designated use (aquatic life, recreation, or drinking water) and require a Total Maximum Daily Load (TMDL). This data is visualized in **Figure 1**.

Data source (Scan QR code or go to): in.gov/idem/nps/watershed-assessment/water-quality-assessments-and-reporting/section-303d-list-of-impaired-waters/

Total Impaired Lake Area: This is the area, in acres, of impaired lakes in 2024. It is similar to the previous category and provided in the same dataset above.

Total Water Withdrawal: This is the volume of water, in millions of gallons, withdrawn in each county in 2024. This data is provided by the Indiana Department of Natural Resources. This data is visualized in **Figure 2**.

Data source (Scan QR code or go to): in.gov/dnr/water/files/wa-water-use-summary-2024.pdf

Per Capita Water Withdrawal: This is the volume of water withdrawn in 2024, standardized by the population of each county. It is expressed in kilograms of water per person and can be used to compare water use exclusive of population. These figures were calculated using population and total water withdrawal. This data is visualized in **Figure 3**.

Facilities with Water Violations: These figures describe the number of facilities with active violations of the Clean Water Act, as of 11/11/25. This data is provided by the United States Environmental Protection Agency.

Data source (Scan QR code or go to): echo.epa.gov/facilities/facility-search?mediaSelected=sdwa

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