

FIPS COUNTY #	County	Total Transects	Avg. Soil Loss (ton/ac)	Avg. Soil Loss if all fields Conventionally Tilled (ton/ac)	No Till			Mulch Till			Reduced Till			Conventional Tillage		
					No.	%	Avg. Soil Loss (ton/ac)	No.	%	Avg. Soil Loss (ton/ac)	No.	%	Avg. Soil Loss (ton/ac)	No.	%	Avg. Soil Loss (ton/ac)
1	Adams	368	7.1	7.3	0	0.0%	0	5	1.4%	2.1	24	6.5%	3.6	339	92.1%	7.4
3	Alexander	21	5.7	5.8	0	0.0%	0	1	4.8%	3.2	0	0.0%	0	20	95.2%	5.9
5	Bond	175	6	6.1	1	0.6%	1.9	1	0.6%	0.9	0	0.0%	0	173	98.9%	6.1
7	Boone	258	2.9	3.9	13	5.0%	0.5	72	27.9%	1.3	58	22.5%	2.5	115	44.6%	4.4
9	Brown	246	5.6	8	22	9.0%	1	56	23.0%	1.8	59	24.0%	4.4	109	44.0%	9.1
11	Bureau	328	1.6	3	8	2.4%	0.8	155	47.3%	1	140	42.7%	2	25	7.6%	3.2
13	Calhoun	120	4.1	11.1	54	45.0%	3.8	4	3.3%	1.7	59	49.2%	4.6	3	2.5%	2.7
15	Carroll	370	3.4	6.7	36	9.7%	3.1	237	64.1%	2.7	82	22.2%	4.7	15	4.1%	6.9
17	Cass	307	1.4	7.1	56	18.0%	0.8	226	74.0%	1.5	25	8.0%	2.3	0	0.0%	0
19	Champaign	296	3.1	3.5	5	2.0%	0.3	29	10.0%	0.6	40	13.0%	2.4	222	75.0%	3.6
21	Christian	252	3.2	4	3	1.0%	0.9	1	0.0%	1.3	145	58.0%	2.5	103	41.0%	4.3
23	Clark	222	3.7	3.8	0	0.0%	0	2	1.0%	0.5	16	7.0%	1.8	204	92.0%	3.8
25	Clay	266	5	6.9	15	5.6%	1.5	45	16.9%	2.5	32	12.0%	6.2	174	65.4%	5.7
27	Clinton	285	4	4.6	6	2.1%	0.8	30	10.5%	1.5	29	10.2%	2.5	220	77.2%	4.6
29	Coles	242	4.5	4.5	1	0.4%	0.1	0	0.0%	0	10	4.1%	1.5	231	95.5%	4.6
31	Cook	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33	Crawford	264	7.4	7.9	3	1.1%	1.2	8	3.0%	1.8	25	9.5%	3.8	228	86.4%	8.1
35	Cumberland	276	3.4	3.6	9	3.0%	0.5	5	2.0%	0.8	10	4.0%	3.5	252	91.0%	3.5
37	DeKalb	281	2.7	3.9	10	3.6%	0.9	98	34.9%	1.5	67	23.8%	2.5	106	37.7%	4.3
39	DeWitt	275	1.6	4.5	7	2.5%	0.6	202	73.5%	0.7	37	13.5%	3.5	29	10.5%	5.4
41	Douglas	264	2.7	2.7	4	2.0%	0.8	1	0.0%	0.5	10	4.0%	1.6	249	94.0%	2.8
45	Edgar	224	4.7	5.2	6	3.0%	0.4	16	7.0%	1.5	29	13.0%	2.7	173	77.0%	5.5
47	Edwards	196	6.2	11.9	79	40.3%	2.2	21	10.7%	3.7	12	6.1%	7.7	84	42.9%	10.4
49	Effingham	249	2.9	3	0	0.0%	0	8	3.2%	0.8	7	2.8%	1.1	234	94.0%	3
51	Fayette	311	5	5.2	2	0.6%	1.7	10	3.2%	1.5	5	1.6%	3.9	294	94.5%	5.1
53	Ford	308	3.3	4	29	9.4%	0.6	21	6.8%	1.4	52	16.9%	2.1	206	66.9%	4.2
55	Franklin	160	8	9.2	0	0.0%	0	11	6.9%	1.5	28	17.5%	6.5	121	75.6%	8.9
57	Fulton	314	4.4	7.7	39	12.4%	1.7	72	22.9%	1.6	147	46.8%	5.2	56	17.8%	7.6
59	Gallatin	242	5	6	9	3.7%	1.9	6	2.5%	4.5	122	50.4%	4.7	105	43.4%	5.8
61	Greene	314	4.9	6.3	41	13.1%	1.1	45	14.3%	2.2	0	0.0%	0	228	72.6%	6.1
63	Grundy	263	1.6	2.4	45	17.1%	0.4	34	12.9%	0.7	65	24.7%	1.6	119	45.2%	2.4
65	Hamilton	158	3.1	5	38	24.1%	1.2	13	8.2%	1.7	10	6.3%	2.9	97	61.4%	4.1
67	Hancock	261	3.6	4.9	4	1.5%	0.7	32	12.3%	1.5	77	29.5%	3.3	148	56.7%	4.3
69	Hardin	12	3.5	6.7	5	41.7%	1.3	2	16.7%	2.2	0	0.0%	0	5	41.7%	6.2
71	Henderson	343	3.7	8.5	56	16.3%	1.2	149	43.4%	2.7	102	29.7%	5.1	36	10.5%	7.8

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					No.	%	Avg. Soil Loss (ton/ac)	No.	%	Avg. Soil Loss (ton/ac)	No.	%	Avg. Soil Loss (ton/ac)	No.	%	Avg. Soil Loss (ton/ac)
73	Henry	335	3.3	7.9	154	46.0%	2.4	58	17.3%	1.9	61	18.2%	4.1	62	18.5%	6.3
75	Iroquois	225	1.6	2.5	14	6.2%	0.2	68	30.2%	0.5	72	32.0%	1.5	71	31.6%	3.1
77	Jackson	105	4.7	9.7	31	29.5%	2.5	16	15.2%	3.4	23	21.9%	4.7	35	33.3%	7.3
79	Jasper	278	3.8	4.5	19	6.8%	0.6	8	2.9%	1.9	35	12.6%	3.1	216	77.7%	4.2
81	Jefferson	146	10.9	12.4	9	6.2%	2.8	7	4.8%	3.4	9	6.2%	5.8	121	82.9%	12.3
83	Jersey	245	5	8.9	55	22.4%	1.8	43	17.6%	2.9	63	25.7%	5.3	84	34.3%	8
85	JoDaviess	306	2.7	9.5	145	47.4%	1.6	138	45.1%	3.2	9	2.9%	3.9	14	4.6%	9.8
87	Johnson	28	9.1	22.5	13	46.4%	5.6	8	28.6%	6	7	25.0%	19.3	0	0.0%	0
89	Kane	159	2.2	2.7	10	6.3%	1	27	17.0%	0.6	30	18.9%	1.3	92	57.9%	3.1
91	Kankakee	274	0.9	1.3	20	7.3%	0.3	91	33.2%	0.4	54	19.7%	0.7	109	39.8%	1.6
93	Kendall	272	1.8	2.4	1	0.4%	0.1	46	16.9%	0.7	131	48.2%	1.4	94	34.6%	2.8
95	Knox	204	2.4	5.9	50	24.5%	1.5	123	60.3%	2.4	30	14.7%	3.9	1	0.5%	2.5
97	Lake	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
99	LaSalle	237	2.2	3	45	19.0%	0.2	24	10.1%	1	17	7.2%	1.9	151	63.7%	3.1
101	Lawrence	246	5.1	7.3	21	8.5%	1.4	27	11.0%	1.7	67	27.2%	4.6	131	53.3%	6.6
103	Lee	367	1.2	2.6	6	1.6%	0.1	284	77.4%	1	69	18.8%	1.9	8	2.2%	2.9
105	Livingston	235	3.3	4	16	6.8%	0.7	29	12.3%	0.7	39	16.6%	2.4	151	64.3%	4.2
107	Logan	299	2	4.6	89	29.8%	1.1	41	13.7%	0.9	168	56.2%	2.8	1	0.3%	3
109	McDonough	237	4.9	8.1	34	14.3%	2.4	94	39.7%	3.2	52	21.9%	5.9	57	24.1%	8.4
111	McHenry	209	5	7.4	31	14.8%	2.3	61	29.2%	2.2	33	15.8%	4.1	84	40.2%	8.4
113	McLean	260	5.4	7.3	5	1.9%	1.7	72	27.7%	3.6	94	36.2%	5.9	89	34.2%	6.6
115	Macon	306	3.6	4.7	3	1.0%	0.7	50	16.3%	1	94	30.7%	3	159	52.0%	4.8
117	Macoupin	241	3.2	4.1	7	2.9%	1.3	42	17.4%	1.1	43	17.8%	2.5	149	61.8%	4
119	Madison	187	8.6	9.5	2	1.1%	1.1	5	2.7%	1.4	39	20.9%	5	141	75.4%	10
121	Marion	196	4.7	5.5	9	4.6%	1.1	5	2.6%	1.5	24	12.2%	4.1	158	80.6%	5.1
123	Marshall	286	1.6	4.8	88	30.8%	1.1	151	52.8%	1.1	0	0.0%	0	47	16.4%	4.2
125	Mason	362	3	5.4	35	9.7%	1.2	69	19.1%	1.2	255	70.4%	3.7	3	0.8%	4.4
127	Massac	124	5.4	10.8	66	53.2%	2.1	7	5.6%	6.7	7	5.6%	12.1	44	35.5%	9
129	Menard	271	3	7.6	57	21.0%	1.8	70	25.8%	1.5	144	53.1%	4.2	0	0.0%	0
131	Mercer	239	4.2	7.4	74	31.0%	5	28	11.7%	2.5	133	55.6%	4.1	4	1.7%	3.8
133	Monroe	139	6.7	12.6	28	20.1%	1.5	20	14.4%	7.1	38	27.3%	5.3	53	38.1%	10.3
135	Montgomery	229	3.4	4.3	9	3.9%	1	43	18.8%	1	35	15.3%	2.8	142	62.0%	4.4
137	Morgan	431	3.8	5.4	48	11.1%	2	70	16.2%	2.1	58	13.5%	3.1	255	59.2%	4.8
139	Moultrie	263	2.6	2.7	1	0.4%	0.2	0	0.0%	0	2	0.8%	2.9	260	98.9%	2.7
141	Ogle	366	3.1	5.1	19	5.2%	1	102	27.9%	2.2	168	45.9%	2.9	77	21.0%	5.3

2015

## Transect Survey

Corn Tillage

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					No.	%	Avg. Soil Loss (ton/ac)	No.	%	Avg. Soil Loss (ton/ac)	No.	%	Avg. Soil Loss (ton/ac)	No.	%	Avg. Soil Loss (ton/ac)
143	Peoria	274	2	5.8	88	32.1%	0.7	94	34.3%	1.2	68	24.8%	3.6	24	8.8%	5.6
145	Perry	152	4.8	13.6	27	17.8%	3	85	55.9%	3.8	32	21.1%	8	8	5.3%	8.8
147	Piatt	351	3.6	4	0	0.0%	0	15	4.3%	0.7	83	23.6%	2.2	253	72.1%	4.3
149	Pike	259	3.5	7.7	20	7.7%	1.8	117	45.2%	2	118	45.6%	5.3	4	1.5%	3.6
151	Pope	46	9.7	12.7	9	19.6%	3.3	3	6.5%	8.9	4	8.7%	11.4	30	65.2%	11.5
153	Pulaski	56	13.3	17.5	22	39.3%	14.6	4	7.1%	2.7	0	0.0%	0	30	53.6%	13.7
155	Putnam	152	1.7	3.7	49	32.2%	1.2	82	53.9%	1.4	0	0.0%	0	21	13.8%	3.7
157	Randolph	195	10.1	13.4	23	11.8%	2.8	16	8.2%	3.3	52	26.7%	8.6	104	53.3%	13.5
159	Richland	249	6.3	7	11	4.4%	2.1	7	2.8%	1.2	23	9.2%	4.3	208	83.5%	6.9
161	RockIsland	213	3.7	8.6	57	26.8%	3.6	96	45.1%	2.8	30	14.1%	4.6	30	14.1%	5.6
163	St Clair	133	2.4	6.4	2	1.5%	0.7	76	57.1%	1.7	53	39.8%	3.1	2	1.5%	10.6
165	Saline	180	6.1	8.3	27	15.0%	2.6	12	6.7%	4.3	49	27.2%	6.6	92	51.1%	7.1
167	Sangamon	253	2.9	5.3	31	12.3%	1.8	28	11.1%	1.2	153	60.5%	3.2	41	16.2%	3.8
169	Schuyler	332	7.8	8.7	4	1.2%	1	16	4.8%	2.7	68	20.5%	5.3	244	73.5%	8.9
171	Scott	236	3.3	7.1	50	21.2%	2.2	60	25.4%	1.8	93	39.4%	4	33	14.0%	5.8
173	Shelby	399	5	5.2	0	0.0%	0	0	0.0%	0	66	16.5%	3.2	333	83.5%	5.3
175	Stark	309	2.9	5	24	7.8%	1	54	17.5%	1.8	231	74.8%	3.4	0	0.0%	0
177	Stephenson	378	3.2	5.8	79	20.9%	2.8	148	39.2%	2.2	92	24.3%	3.6	59	15.6%	5.5
179	Tazewell	265	2.4	5.2	49	18.5%	1.2	67	25.3%	1	142	53.6%	3.4	7	2.6%	6
181	Union	71	11.6	25.4	53	74.6%	10.6	0	0.0%	0	1	1.4%	7.4	17	23.9%	15.1
183	Vermilion	227	3.3	3.8	6	2.6%	0.5	4	1.8%	0.5	67	29.5%	2.3	150	66.1%	4
185	Wabash	241	8.1	10.1	13	5.4%	1.6	26	10.8%	2.7	52	21.6%	5.2	150	62.2%	10.6
187	Warren	274	2.2	5.5	105	38.3%	1	93	33.9%	2.4	69	25.2%	3.3	7	2.6%	5.3
189	Washington	273	7.9	8.1	3	1.1%	1.3	3	1.1%	1.7	3	1.1%	3.2	264	96.7%	8.1
191	Wayne	141	5.6	8.2	24	17.0%	1.7	17	12.1%	2.4	17	12.1%	4.3	83	58.9%	7.6
193	White	223	2.8	8.9	97	43.5%	2.6	54	24.2%	1.5	59	26.5%	3.4	13	5.8%	7.3
195	Whiteside	335	2.5	5	43	12.8%	2.6	144	43.0%	1.9	80	23.9%	3.1	68	20.3%	3.2
197	Will	175	1.6	2.6	20	11.4%	0.5	33	18.9%	0.7	62	35.4%	1.6	60	34.3%	2.6
199	Williamson	50	8.8	11.1	11	22.0%	3.2	0	0.0%	0	13	26.0%	9.3	26	52.0%	10.9
201	Winnebago	399	2.5	4.8	101	25.3%	1.7	97	24.3%	1.8	158	39.6%	3.1	43	10.8%	4.4
203	Woodford	196	3.1	3.6	4	2.0%	0.6	16	8.2%	0.9	50	25.5%	2.1	126	64.3%	3.8
	<b>Total</b>	<b>23815</b>	<b>4.32</b>	<b>6.74</b>	<b>2872</b>	<b>14.0%</b>	<b>1.60</b>	<b>5012</b>	<b>19.6%</b>	<b>1.89</b>	<b>5615</b>	<b>22.1%</b>	<b>3.75</b>	<b>10316</b>	<b>44.3%</b>	<b>5.68</b>