

Fertilizers and Chemicals Applied: 2017, 2012, and 2007

Cropland fertilized, except cropland pastured

Geography	Land Area in Square Miles ①	2017 Acres Treated	2017 Square Miles Treated ②	% of Land Area Treated ③	2012 Acres Treated	2012 Square Miles Treated ②	% of Land Area Treated ③	2007 Acres Treated	2007 Square Miles Treated ②	% of Land Area Treated ③	% of Area Treated Increase or Decrease ④
Adair County	567	57,790	90	15.93%	40,749	64	11.23%	45,792	72	12.62%	3.31%
Andrew County	436	94,228	147	33.77%	72,237	113	25.89%	100,654	157	36.07%	-2.30%
Atchison County	560	199,882	312	55.77%	159,617	249	44.54%	194,289	304	54.21%	1.56%
Audrain County	692	225,771	353	50.98%	238,987	373	53.96%	227,331	355	51.33%	-0.35%
Barry County	773	40,057	63	8.10%	26,339	41	5.32%	33,873	53	6.85%	1.25%
Barton County	597	131,442	205	34.40%	125,998	197	32.98%	140,461	219	36.76%	-2.36%
Bates County	849	138,214	216	25.44%	124,916	195	22.99%	144,221	225	26.54%	-1.11%
Benton County	729	29,145	46	6.25%	34,172	53	7.32%	38,715	60	8.30%	-2.05%
Bollinger County	621	40,535	63	10.20%	38,329	60	9.64%	46,667	73	11.74%	-1.54%
Boone County	687	56,663	89	12.89%	60,085	94	13.67%	67,715	106	15.40%	-2.51%
Buchanan County	409	89,574	140	34.22%	78,312	122	29.92%	81,697	128	31.21%	3.01%
Butler County	698	132,279	207	29.61%	129,972	203	29.09%	169,593	265	37.96%	-8.35%
Caldwell County	431	63,560	99	23.04%	55,096	86	19.97%	59,502	93	21.57%	1.47%
Callaway County	842	89,603	140	16.63%	78,092	122	14.49%	85,055	133	15.78%	0.84%
Camden County	641	7,476	12	1.82%	4,851	8	1.18%	7,956	12	1.94%	-0.12%
Cape Girardeau County	577	137,959	216	37.36%	97,321	152	26.35%	127,290	199	34.47%	2.89%
Carroll County	695	172,724	270	38.83%	161,493	252	36.31%	141,904	222	31.90%	6.93%
Carter County	509	2,297	4	0.71%	2,727	4	0.84%	3,357	5	1.03%	-0.33%
Cass County	702	98,504	154	21.92%	101,856	159	22.67%	110,551	173	24.61%	-2.68%

Fertilizers and Chemicals Applied: 2017, 2012, and 2007

Cropland fertilized, except cropland pastured

Geography	Land Area in Square Miles ①	2017 Acres Treated	2017 Square Miles Treated ②	% of Land Area Treated ③	2012 Acres Treated	2012 Square Miles Treated ②	% of Land Area Treated ③	2007 Acres Treated	2007 Square Miles Treated ②	% of Land Area Treated ③	% of Area Treated Increase or Decrease ④
Cedar County	471	23,977	37	7.95%	18,521	29	6.14%	20,897	33	6.93%	1.02%
Chariton County	758	149,333	233	30.78%	143,209	224	29.52%	147,419	230	30.39%	0.39%
Christian County	564	16,806	26	4.66%	15,228	24	4.22%	20,609	32	5.71%	-1.05%
Clark County	507	120,511	188	37.14%	83,062	130	25.60%	116,618	182	35.94%	1.20%
Clay County	403	25,868	40	10.03%	22,216	35	8.61%	31,976	50	12.40%	-2.37%
Clinton County	423	91,526	143	33.81%	58,812	92	21.72%	79,483	124	29.36%	4.45%
Cole County	392	30,830	48	12.29%	28,171	44	11.23%	33,704	53	13.43%	-1.15%
Cooper County	566	91,915	144	25.37%	104,756	164	28.92%	113,723	178	31.39%	-6.02%
Crawford County	744	8,741	14	1.84%	7,283	11	1.53%	10,124	16	2.13%	-0.29%
Dade County	491	57,578	90	18.32%	49,714	78	15.82%	61,314	96	19.51%	-1.19%
Dallas County	543	16,523	26	4.75%	19,140	30	5.51%	25,440	40	7.32%	-2.57%
Daviess County	568	77,257	121	21.25%	71,917	112	19.78%	85,047	133	23.40%	-2.14%
DeKalb County	425	72,897	114	26.80%	74,556	116	27.41%	68,025	106	25.01%	1.79%
Dent County	755	8,639	13	1.79%	6,578	10	1.36%	11,354	18	2.35%	-0.56%
Douglas County	814	14,535	23	2.79%	12,370	19	2.37%	18,371	29	3.53%	-0.74%
Dunklin County	547	197,525	309	56.42%	208,843	326	59.66%	262,071	409	74.86%	-18.44%
Franklin County	922	55,030	86	9.33%	65,286	102	11.06%	68,000	106	11.52%	-2.20%
Gasconade County	521	35,509	55	10.65%	25,613	40	7.68%	31,151	49	9.34%	1.31%
Gentry County	493	62,239	97	19.73%	52,674	82	16.69%	61,803	97	19.59%	0.14%

Fertilizers and Chemicals Applied: 2017, 2012, and 2007

Cropland fertilized, except cropland pastured

Geography	Land Area in Square Miles ❶	2017 Acres Treated	2017 Square Miles Treated ❷	% of Land Area Treated ❸	2012 Acres Treated	2012 Square Miles Treated ❷	% of Land Area Treated ❸	2007 Acres Treated	2007 Square Miles Treated ❷	% of Land Area Treated ❸	% of Area Treated Increase or Decrease ❹
Greene County	678	25,350	40	5.84%	21,136	33	4.87%	30,411	48	7.01%	-1.17%
Grundy County	437	53,183	83	19.02%	43,785	68	15.66%	72,610	113	25.96%	-6.95%
Harrison County	725	103,214	161	22.24%	97,090	152	20.92%	96,682	151	20.84%	1.41%
Henry County	729	97,577	152	20.91%	83,394	130	17.87%	77,485	121	16.61%	4.31%
Hickory County	411	17,651	28	6.71%	13,003	20	4.94%	17,281	27	6.57%	0.14%
Holt County	456	139,686	218	47.86%	111,226	174	38.11%	147,831	231	50.65%	-2.79%
Howard County	464	62,288	97	20.98%	70,910	111	23.88%	88,211	138	29.70%	-8.73%
Howell County	927	21,448	34	3.62%	18,681	29	3.15%	23,123	36	3.90%	-0.28%
Iron County	552	3,023	5	0.86%	3,329	5	0.94%	4,225	7	1.20%	-0.34%
Jackson County	611	30,200	47	7.72%	31,741	50	8.12%	52,684	82	13.47%	-5.75%
Jasper County	641	73,166	114	17.83%	59,264	93	14.45%	65,176	102	15.89%	1.95%
Jefferson County	668	15,390	24	3.60%	15,584	24	3.65%	16,298	25	3.81%	-0.21%
Johnson County	834	108,783	170	20.38%	96,796	151	18.13%	118,957	186	22.29%	-1.91%
Knox County	507	92,307	144	28.45%	100,579	157	31.00%	88,407	138	27.25%	1.20%
Laclede County	770	29,157	46	5.92%	32,823	51	6.66%	31,994	50	6.49%	-0.58%
Lafayette County	632	180,578	282	44.64%	164,960	258	40.78%	174,992	273	43.26%	1.38%
Lawrence County	614	47,240	74	12.02%	41,595	65	10.59%	56,693	89	14.43%	-2.41%
Lewis County	508	91,766	143	28.23%	120,030	188	36.92%	114,965	180	35.36%	-7.14%
Lincoln County	627	107,079	167	26.68%	118,561	185	29.55%	106,746	167	26.60%	0.08%

Fertilizers and Chemicals Applied: 2017, 2012, and 2007

Cropland fertilized, except cropland pastured

Geography	Land Area in Square Miles ❶	2017 Acres Treated	2017 Square Miles Treated ❷	% of Land Area Treated ❸	2012 Acres Treated	2012 Square Miles Treated ❷	% of Land Area Treated ❸	2007 Acres Treated	2007 Square Miles Treated ❷	% of Land Area Treated ❸	% of Area Treated Increase or Decrease ❹
Linn County	620	93,919	147	23.67%	87,388	137	22.02%	75,100	117	18.93%	4.74%
Livingston County	537	104,597	163	30.43%	96,515	151	28.08%	92,234	144	26.84%	3.60%
McDonald County	541	9,947	16	2.87%	6,027	9	1.74%	10,306	16	2.98%	-0.10%
Macon County	797	113,803	178	22.31%	88,242	138	17.30%	88,239	138	17.30%	5.01%
Madison County	497	4,881	8	1.53%	5,435	8	1.71%	7,252	11	2.28%	-0.75%
Maries County	528	26,643	42	7.88%	21,900	34	6.48%	26,030	41	7.70%	0.18%
Marion County	438	121,269	189	43.26%	102,535	160	36.58%	110,214	172	39.32%	3.94%
Mercer County	454	41,300	65	14.21%	36,095	56	12.42%	33,876	53	11.66%	2.56%
Miller County	593	26,016	41	6.85%	18,207	28	4.80%	21,911	34	5.77%	1.08%
Mississippi County	410	125,541	196	47.84%	124,744	195	47.54%	178,262	279	67.94%	-20.09%
Moniteau County	417	49,910	78	18.70%	40,548	63	15.19%	49,005	77	18.36%	0.34%
Monroe County	670	135,842	212	31.68%	138,679	217	32.34%	106,371	166	24.81%	6.87%
Montgomery County	540	98,249	154	28.43%	128,269	200	37.11%	113,365	177	32.80%	-4.37%
Morgan County	594	36,354	57	9.56%	34,434	54	9.06%	35,236	55	9.27%	0.29%
New Madrid County	679	(D)	---	---	(D)	---	---	294,742	461	67.83%	---
Newton County	627	29,513	46	7.35%	30,326	47	7.56%	35,439	55	8.83%	-1.48%
Nodaway County	875	182,303	285	32.55%	175,392	274	31.32%	212,490	332	37.94%	-5.39%
Oregon County	792	7,816	12	1.54%	8,869	14	1.75%	13,544	21	2.67%	-1.13%
Osage County	606	42,033	66	10.84%	35,137	55	9.06%	36,269	57	9.35%	1.49%

Fertilizers and Chemicals Applied: 2017, 2012, and 2007

Cropland fertilized, except cropland pastured

Geography	Land Area in Square Miles ❶	2017 Acres Treated	2017 Square Miles Treated ❷	% of Land Area Treated ❸	2012 Acres Treated	2012 Square Miles Treated ❷	% of Land Area Treated ❸	2007 Acres Treated	2007 Square Miles Treated ❷	% of Land Area Treated ❸	% of Area Treated Increase or Decrease ❹
Ozark County	731	10,867	17	2.32%	8,970	14	1.92%	13,052	20	2.79%	-0.47%
Pemiscot County	517	154,564	242	46.71%	199,266	311	60.22%	227,784	356	68.84%	-22.13%
Perry County	473	73,097	114	24.15%	70,156	110	23.18%	80,199	125	26.49%	-2.35%
Pettis County	686	140,142	219	31.92%	139,509	218	31.78%	132,550	207	30.19%	1.73%
Phelps County	674	7,225	11	1.67%	5,370	8	1.24%	11,009	17	2.55%	-0.88%
Pike County	673	130,072	203	30.20%	140,145	219	32.54%	166,312	260	38.61%	-8.41%
Platte County	421	73,921	116	27.44%	46,974	73	17.43%	84,950	133	31.53%	-4.09%
Polk County	642	39,146	61	9.53%	34,528	54	8.40%	44,289	69	10.78%	-1.25%
Pulaski County	551	10,730	17	3.04%	5,950	9	1.69%	6,242	10	1.77%	1.27%
Putnam County	520	52,523	82	15.78%	33,885	53	10.18%	38,301	60	11.51%	4.27%
Ralls County	481	109,695	171	35.63%	123,004	192	39.96%	101,404	158	32.94%	2.69%
Randolph County	473	63,391	99	20.94%	44,786	70	14.79%	47,658	74	15.74%	5.20%
Ray County	568	72,833	114	20.04%	76,255	119	20.98%	74,987	117	20.63%	-0.59%
Reynolds County	808	3,096	5	0.60%	3,940	6	0.76%	3,850	6	0.74%	-0.15%
Ripley County	632	15,441	24	3.82%	13,404	21	3.31%	15,958	25	3.95%	-0.13%
Saint Charles County	558	84,113	131	23.55%	71,431	112	20.00%	81,228	127	22.75%	0.81%
Saint Clair County	698	48,573	76	10.87%	48,566	76	10.87%	61,192	96	13.70%	-2.82%
Sainte Genevieve County	504	41,738	65	12.94%	35,398	55	10.97%	41,299	65	12.80%	0.14%
Saint Francois County	451	13,142	21	4.55%	8,045	13	2.79%	11,503	18	3.99%	0.57%

Fertilizers and Chemicals Applied: 2017, 2012, and 2007

Cropland fertilized, except cropland pastured

Geography	Land Area in Square Miles ①	2017 Acres Treated	2017 Square Miles Treated ②	% of Land Area Treated ③	2012 Acres Treated	2012 Square Miles Treated ②	% of Land Area Treated ③	2007 Acres Treated	2007 Square Miles Treated ②	% of Land Area Treated ③	% of Area Treated Increase or Decrease ④
Saint Louis County	505	(D)	---	---	(D)	---	---	10,220	16	3.16%	---
Saline County	755	232,187	363	48.05%	226,684	354	46.91%	217,934	341	45.10%	2.95%
Schuyler County	308	30,789	48	15.62%	32,111	50	16.29%	19,640	31	9.96%	5.66%
Scotland County	439	88,934	139	31.65%	73,404	115	26.13%	74,089	116	26.37%	5.28%
Scott County	423	121,431	190	44.85%	129,984	203	48.01%	169,103	264	62.46%	-17.61%
Shannon County	1,004	9,514	15	1.48%	5,169	8	0.80%	7,683	12	1.20%	0.28%
Shelby County	501	123,214	193	38.43%	121,936	191	38.03%	135,075	211	42.13%	-3.70%
Stoddard County	815	316,282	494	60.64%	279,637	437	53.61%	337,242	527	64.66%	-4.02%
Stone County	451	5,503	9	1.91%	8,798	14	3.05%	8,087	13	2.80%	-0.90%
Sullivan County	651	47,501	74	11.40%	41,637	65	9.99%	38,392	60	9.21%	2.19%
Taney County	608	5,613	9	1.44%	3,064	5	0.79%	6,021	9	1.55%	-0.10%
Texas County	1,180	30,580	48	4.05%	20,895	33	2.77%	29,157	46	3.86%	0.19%
Vernon County	837	140,953	220	26.31%	102,872	161	19.20%	121,426	190	22.67%	3.65%
Warren County	429	55,003	86	20.03%	52,570	82	19.15%	53,273	83	19.40%	0.63%
Washington County	762	5,479	9	1.12%	4,180	7	0.86%	6,552	10	1.34%	-0.22%
Wayne County	763	13,473	21	2.76%	6,194	10	1.27%	8,731	14	1.79%	0.97%
Webster County	594	34,327	54	9.03%	30,269	47	7.96%	38,736	61	10.19%	-1.16%
Worth County	266	28,554	45	16.77%	23,629	37	13.88%	26,675	42	15.67%	1.10%
Wright County	682	26,995	42	6.18%	23,801	37	5.45%	28,486	45	6.53%	-0.34%

Fertilizers and Chemicals Applied: 2017, 2012, and 2007

Cropland fertilized, except cropland pastured

Geography	Land Area in Square Miles ^①	2017 Acres Treated	2017 Square Miles Treated ^②	% of Land Area Treated ^③	2012 Acres Treated	2012 Square Miles Treated ^②	% of Land Area Treated ^③	2007 Acres Treated	2007 Square Miles Treated ^②	% of Land Area Treated ^③	% of Area Treated Increase or Decrease ^④
Saint Louis City ^⑤	61	---	---	---	---	---	---	---	---	---	---
Statewide	69,709	8,246,267	12,885	18.48%	7,672,794	11,989	17.20%	8,598,697	13,435	19.27%	-0.790%

PRIMARY DATA SOURCES: 2017, 2012, and 2007 Census of Agriculture, United States Department of Agriculture (USDA), National Agricultural Statistics Service (NASS): Missouri State and County Data. *(Survey conducted every five years.)*

^① Land Area in Square Miles value is obtained from the Missouri Secretary of State's Missouri Roster

^② Square Miles Treated value is obtained by calculating Acres Treated value * 0.0015625

^③ % of Land Area Treated value is obtained by calculating Square Miles Treated value/Land Area in Square Miles value

^④ % of Area Treated Increase or Decrease value is obtained by calculating 2017 % of Land Area Treated Value - 2007 % of Land Area Treated Value

^⑤ The USDA/NASS census definition of a farm is any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year. The definition is consistent with the definition used for current USDA surveys and was first used for the 1974 *Census of Agriculture*; and has been used in each subsequent agriculture census. St. Louis City does not contain any property(ies) that currently meet this definition per USDA.

(D) Withheld to avoid disclosing data for individual farms, per USDA/NASS.