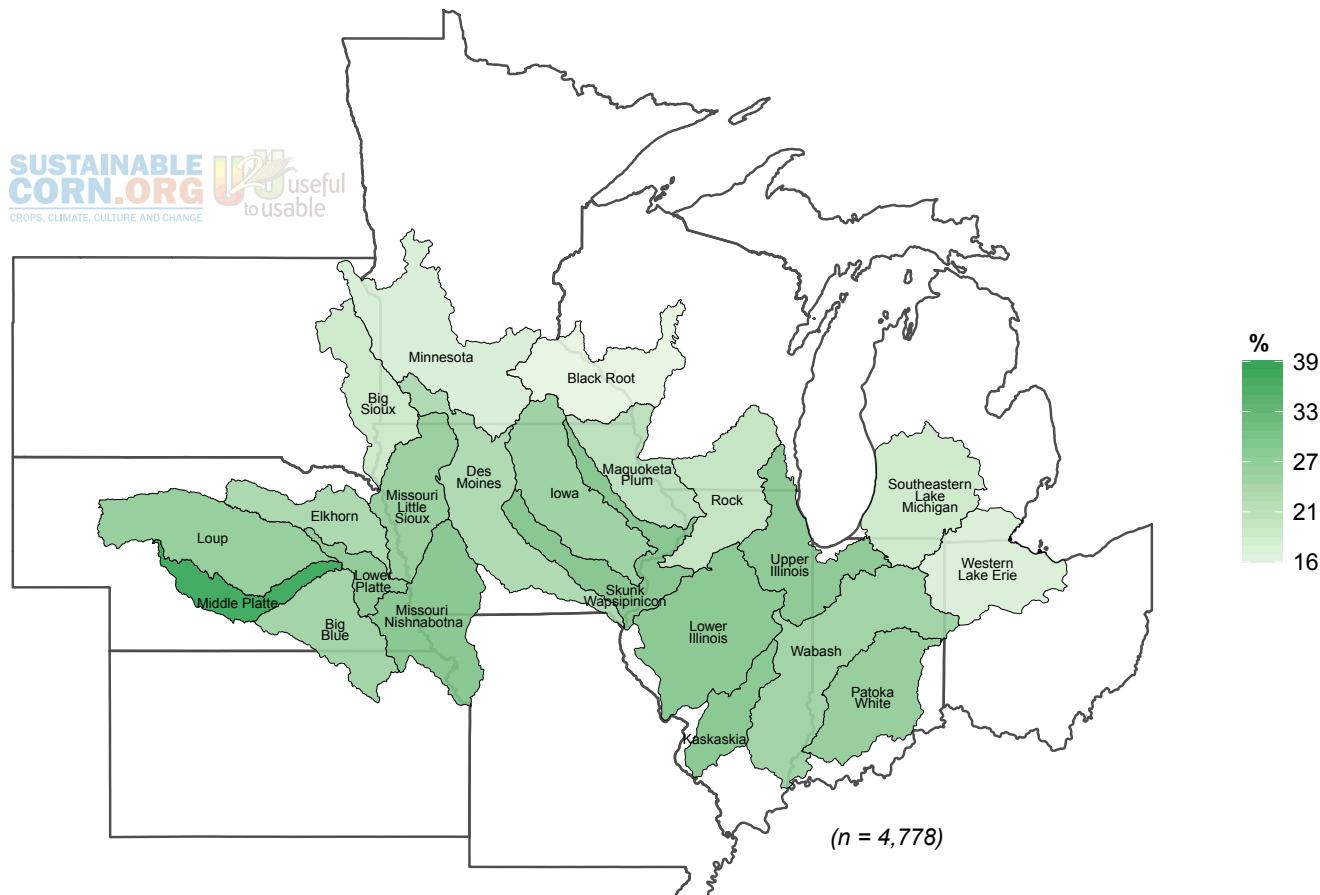


7 Farm and Farmer Characteristics

Table 8. Respondents with at least a college education (a 4-year degree or higher), percent (n = 4,778)

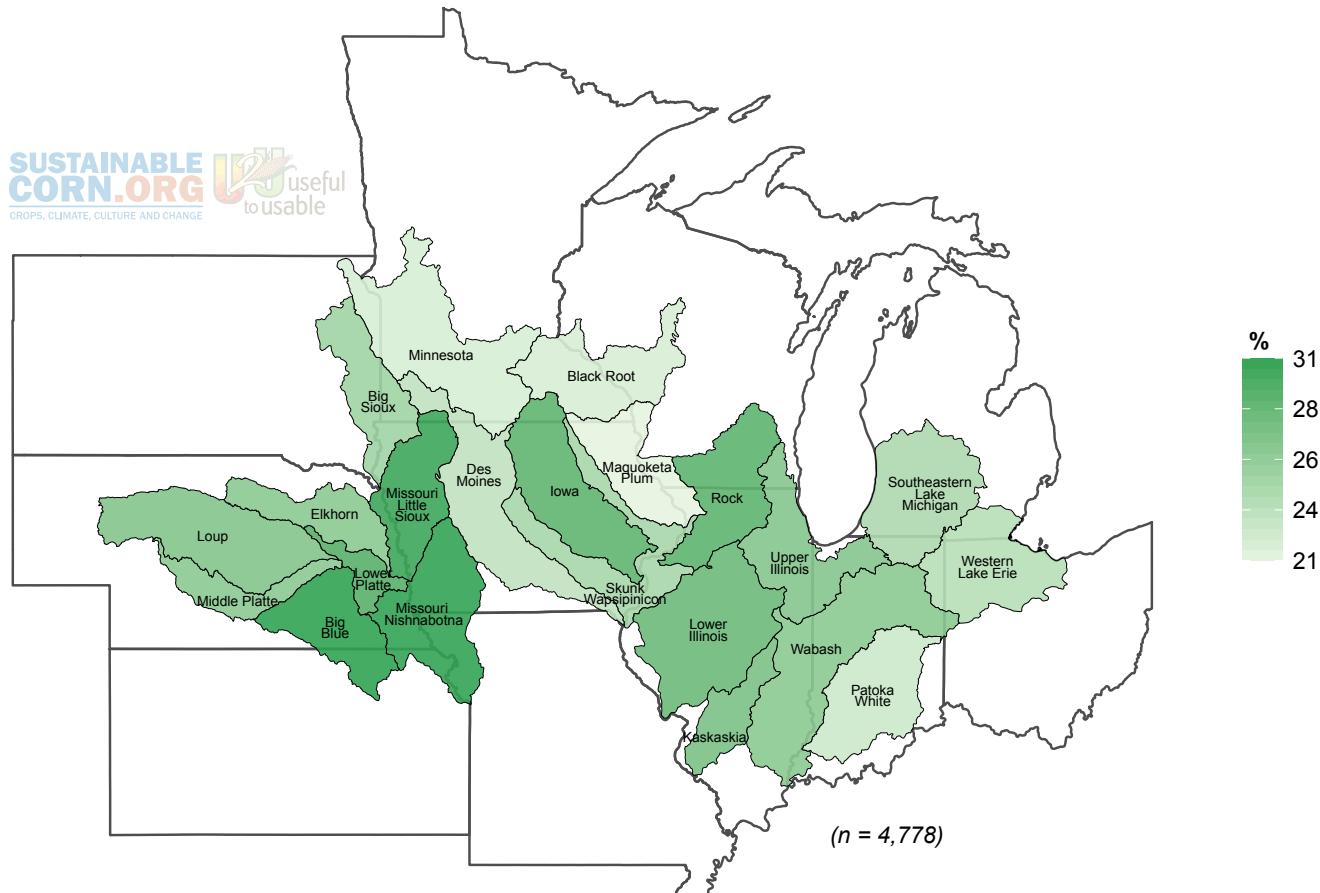
Watershed (HUC6)	Percentage
Weighted Full Sample	24.5
Loup.....	27.6
Middle Platte.....	38.5
Elkhorn	24.5
Big Blue	25.7
Lower Platte.....	28.3
Big Sioux	19.4
Missouri-Little Sioux	27.2
Missouri-Nishnabotna.....	29.6
Minnesota	17.4
Des Moines.....	23.9
Iowa.....	26.5
Black Root	15.6
Skunk Wapsipinicon	29.7
Maquoketa Plum.....	22.0
Lower Illinois.....	29.3
Rock	20.6
Kaskaskia	29.3
Upper Illinois.....	28.9
Wabash	26.0
Patoka-White	27.5
Southeastern Lake Michigan.....	19.0
Western Lake Erie	17.1



Map 48. Respondents with at least a college education (a 4-year degree or higher), percent.

Table 9. Farmers who plan to retire in the next 5 years (2012–2016) (n = 4,778)

Watershed (HUC6)	Percentage
Weighted Full Sample	26.0
Loup.....	26.9
Middle Platte.....	26.4
Elkhorn	26.4
Big Blue	30.8
Lower Platte.....	29.1
Big Sioux	25.1
Missouri-Little Sioux	30.3
Missouri-Nishnabotna.....	30.7
Minnesota.....	22.0
Des Moines.....	23.3
Iowa.....	28.6
Black Root	21.9
Skunk Wapsipinicon	24.8
Maquoketa Plum.....	21.3
Lower Illinois.....	28.1
Rock	28.7
Kaskaskia	27.2
Upper Illinois.....	26.7
Wabash	26.4
Patoka-White	22.6
Southeastern Lake Michigan	24.4
Western Lake Erie	23.9

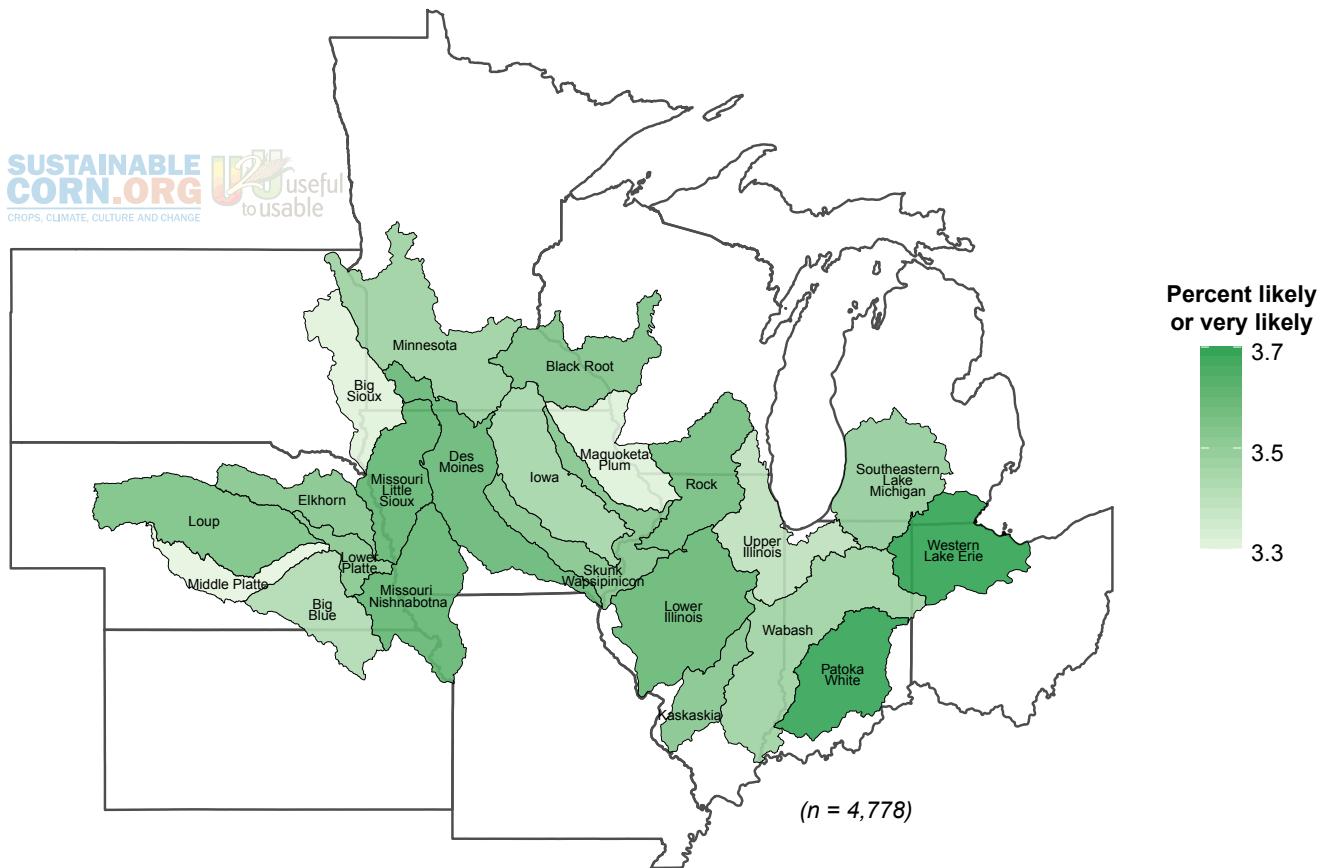


Map 49. Farmers who plan to retire in the next 5 years (2012–2016), percent.

Table 10. Likelihood¹ that a family member will take over their farm operation when they retire, percent likely or very likely (n = 4,778)

Watershed (HUC6)	Percent likely or very likely
Weighted Full Sample	54.9
Loup.....	54.9
Middle Platte.....	48.3
Elkhorn	52.8
Big Blue	52.2
Lower Platte.....	54.7
Big Sioux	46.4
Missouri-Little Sioux	58.7
Missouri-Nishnabotna.....	59.3
Minnesota.....	52.1
Des Moines.....	56.7
Iowa	52.7
Black Root	54.8
Skunk Wapsipinicon	56.6
Maquoketa Plum.....	46.4
Lower Illinois.....	57.9
Rock	57.3
Kaskaskia	55.0
Upper Illinois.....	51.3
Wabash	54.3
Patoka-White	61.5
Southeastern Lake Michigan.....	54.4
Western Lake Erie	62.9

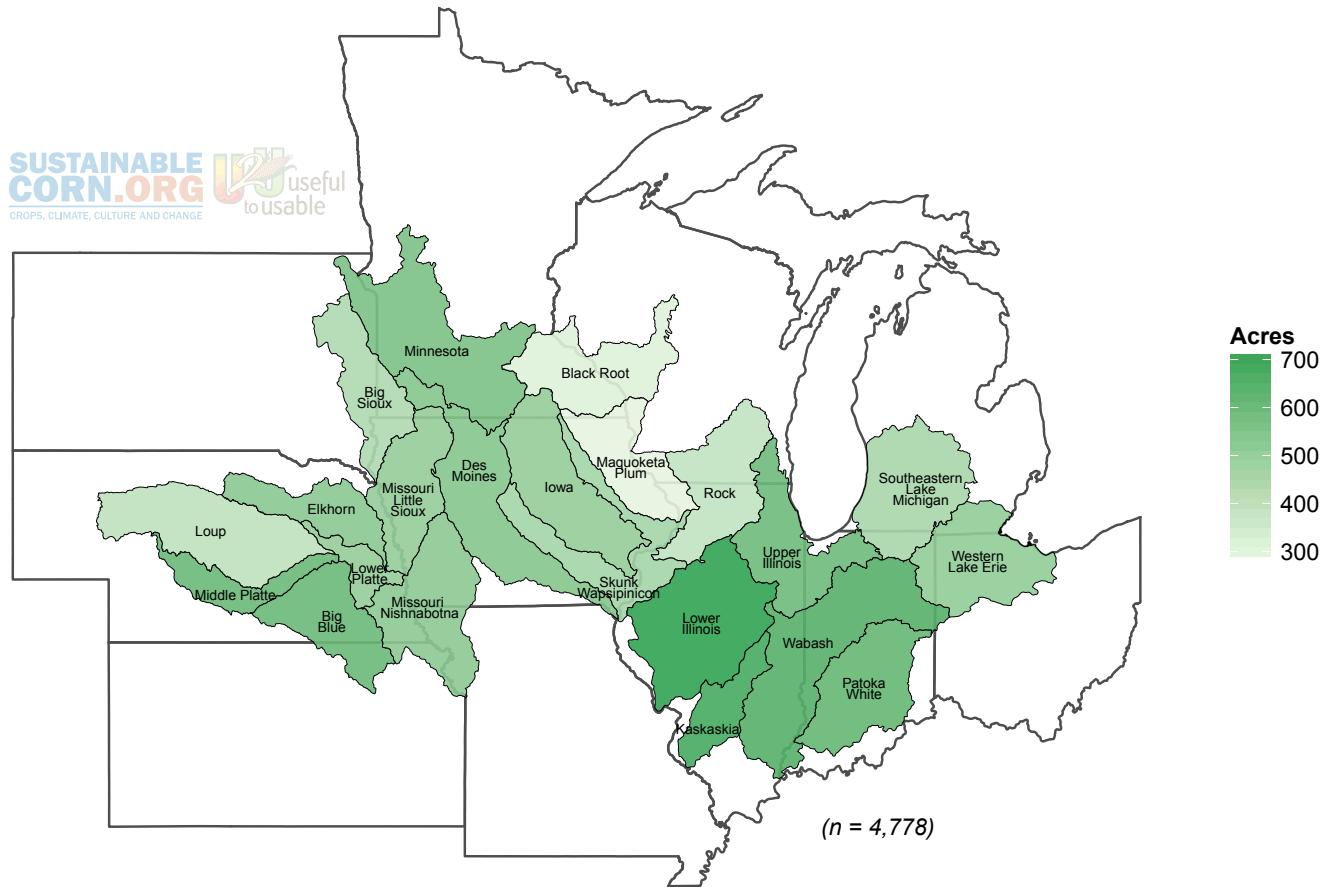
¹ Likelihood was measured on a 5-point scale: very unlikely, unlikely, uncertain, likely, very likely.



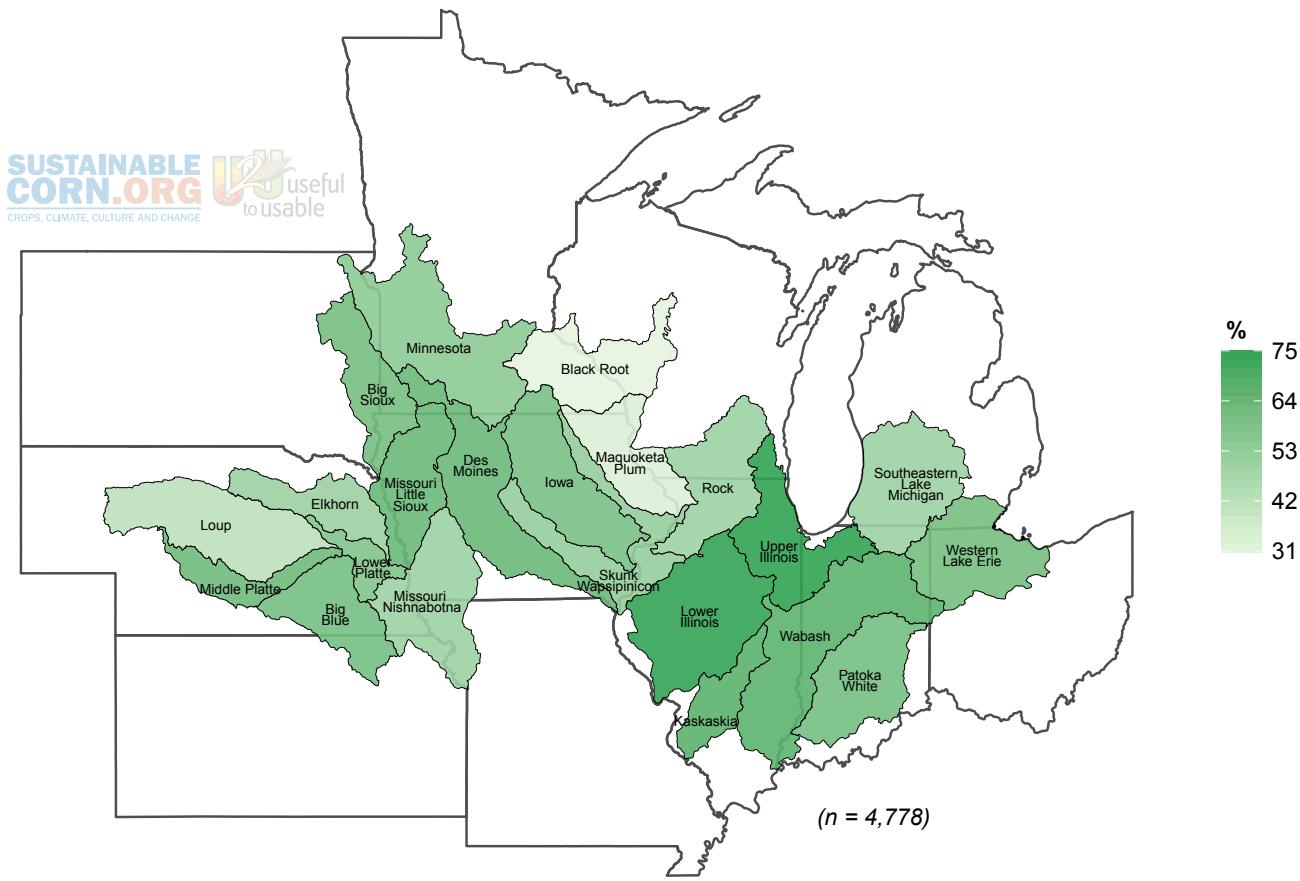
Map 50. Likelihood that a family member will take over the farm operation when they retire, percent likely or very likely.

Table 11. Farm characteristics

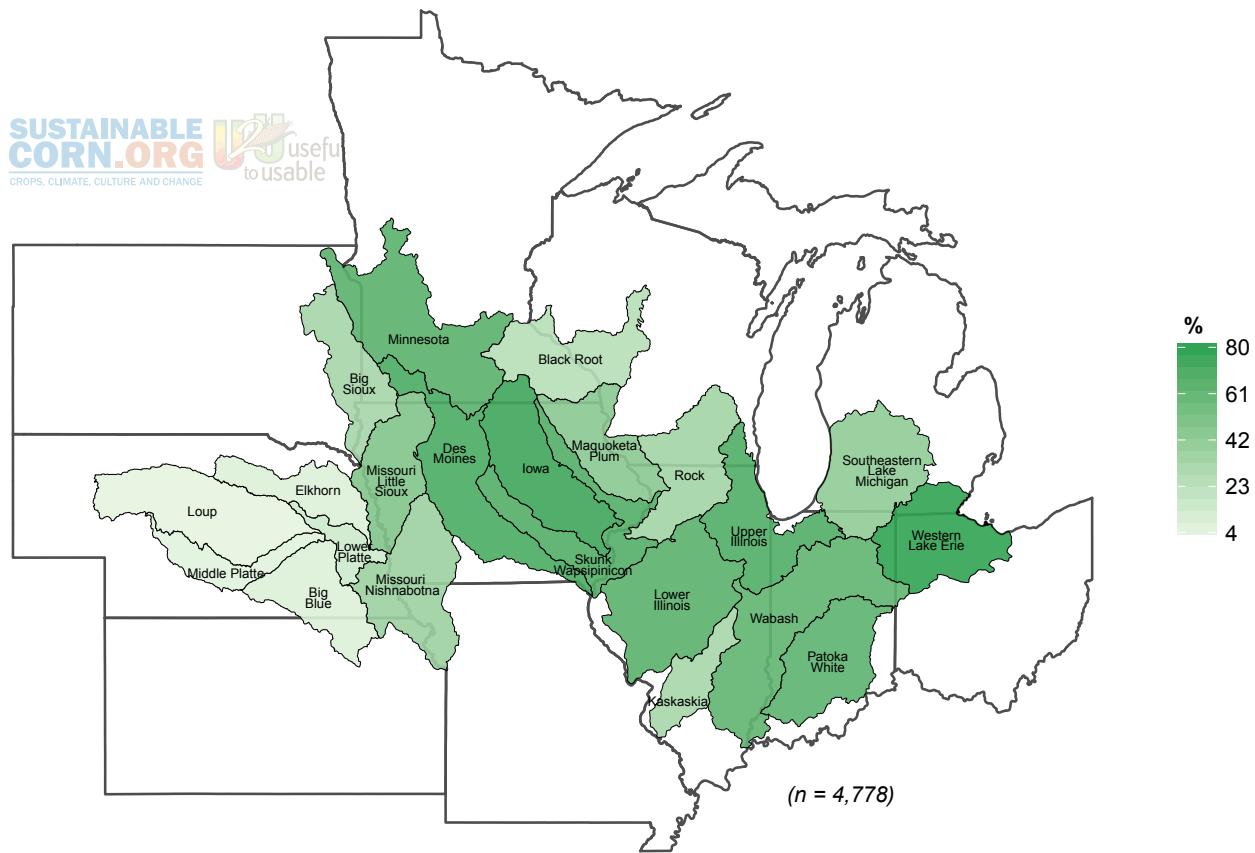
Watershed (HUC6)	Land owned and rented (Acres)	Percent Rented	Percent Land Drained		Percent Land Irrigated		Percent HEL Land in Crops		Percent Land No-Till		Percent Land Cover Crops	
			Owned	Rented	Owned	Rented	Owned	Rented	Owned	Rented	Owned	Rented
Weighted Full Sample	1025	59.4	51.4	45.4	7.8	6.4	19.1	19.2	31.7	32.0	4.5	3.5
Loup.....	1759	41.1	3.8	2.5	55.5	52.2	29.6	26.2	42.4	42.0	4.4	3.6
Middle Platte.....	1251	58.1	5.3	4.3	78.0	73.6	18.1	14.5	31.6	26.1	5.9	2.6
Elkhorn	923	50.0	7.1	8.0	30.5	26.9	45.6	46.1	58.4	63.4	6.8	2.6
Big Blue	1005	56.0	7.0	5.4	56.7	54.8	24.4	23.8	59.5	58.7	2.5	2.1
Lower Platte.....	969	52.5	14.2	11.4	32.2	25.3	44.0	48.7	73.6	75.5	3.6	3.7
Big Sioux	854	56.2	32.4	27.9	2.8	2.5	11.2	11.6	10.8	10.6	1.8	2.1
Missouri-Little Sioux	836	59.0	48.9	47.9	3.8	3.7	25.2	24.7	29.7	30.5	1.1	1.6
Missouri-Nishnabotna	997	49.7	37.4	34.1	2.5	0.9	47.8	48.3	68.3	67.8	2.5	1.4
Minnesota.....	876	52.3	66.0	63.2	1.6	1.2	4.8	5.7	6.1	6.6	3.7	2.4
Des Moines.....	899	57.9	71.6	68.4	0.9	0.2	10.4	10.3	14.5	14.9	3.0	2.5
Iowa.....	808	54.1	75.7	67.5	0.6	0.3	22.0	22.6	28.1	27.6	3.2	2.0
Black Root	647	37.6	25.0	19.1	3.9	3.0	27.7	25.5	18.3	18.9	11.6	10.3
Skunk Wapsipinicon	769	51.5	68.5	58.7	0.8	0.6	29.3	31.6	28.7	29.1	4.2	2.2
Maquoketa Plum	663	36.5	45.3	40.3	0.5	0.1	43.1	43.8	32.4	36.1	10.0	6.2
Lower Illinois.....	1069	65.2	66.0	63.5	5.3	4.0	13.9	15.8	28.3	28.1	3.6	2.4
Rock	776	50.4	34.6	32.8	3.1	0.7	25.2	25.2	30.8	33.5	8.1	4.5
Kaskaskia	1021	62.9	32.1	30.2	0.4	0.5	18.4	18.9	28.2	27.1	5.2	3.5
Upper Illinois.....	944	66.0	69.1	68.9	5.8	2.7	5.8	8.5	28.2	28.0	7.7	4.4
Wabash	1093	58.7	62.9	53.7	0.8	1.0	10.7	11.8	40.0	38.0	7.0	4.4
Patoka-White	1079	56.0	64.8	55.6	1.3	0.4	15.2	16.2	54.4	56.6	9.6	8.8
Southeastern Lake Michigan	883	47.9	42.4	29.8	17.1	7.3	10.9	10.7	40.0	41.9	11.9	10.0
Western Lake Erie ...	850	55.3	80.2	68.2	0.5	0.5	7.9	7.6	52.9	53.8	9.2	7.6



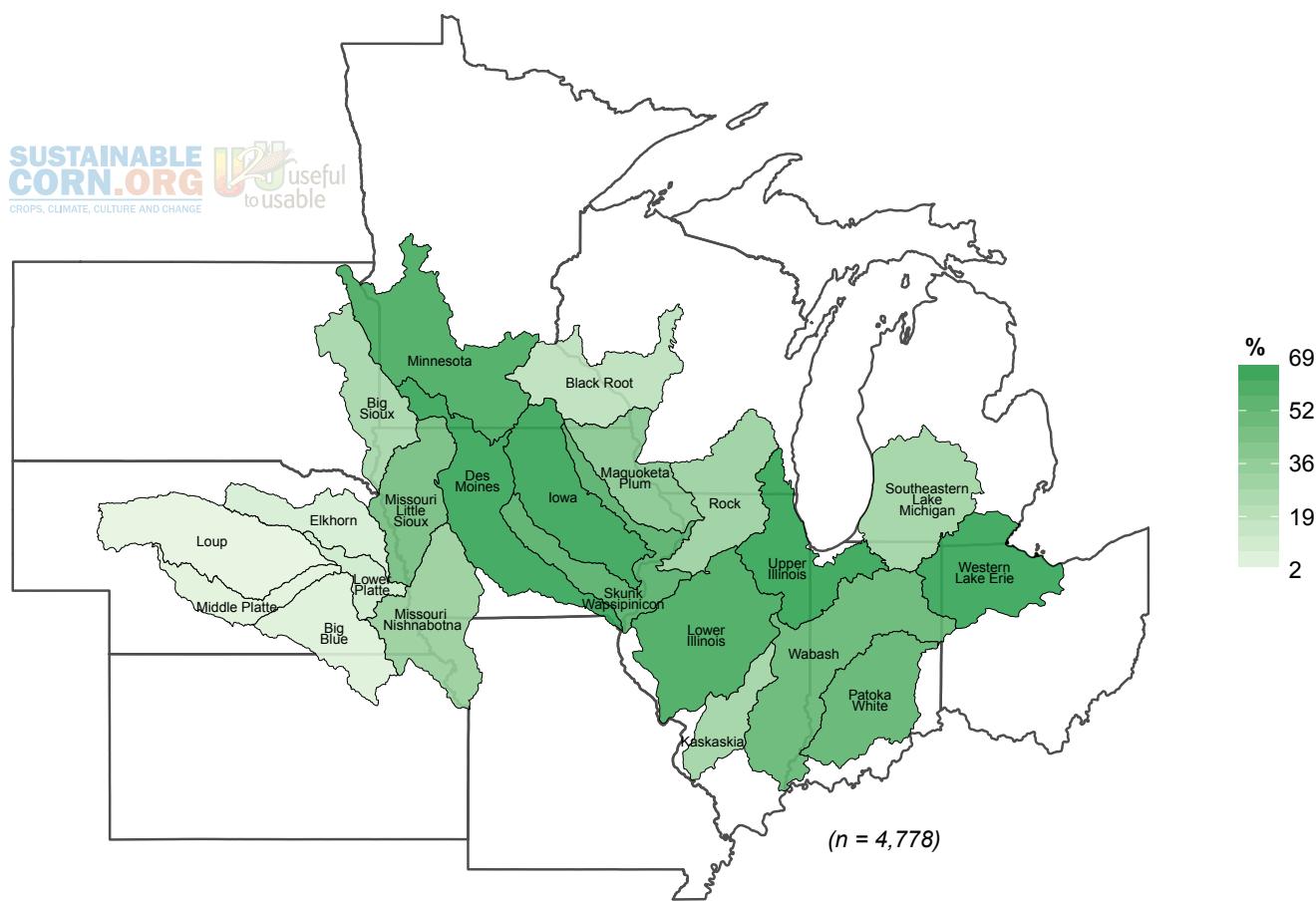
Map 51. Acres of land farmed by respondents (owned and rented).



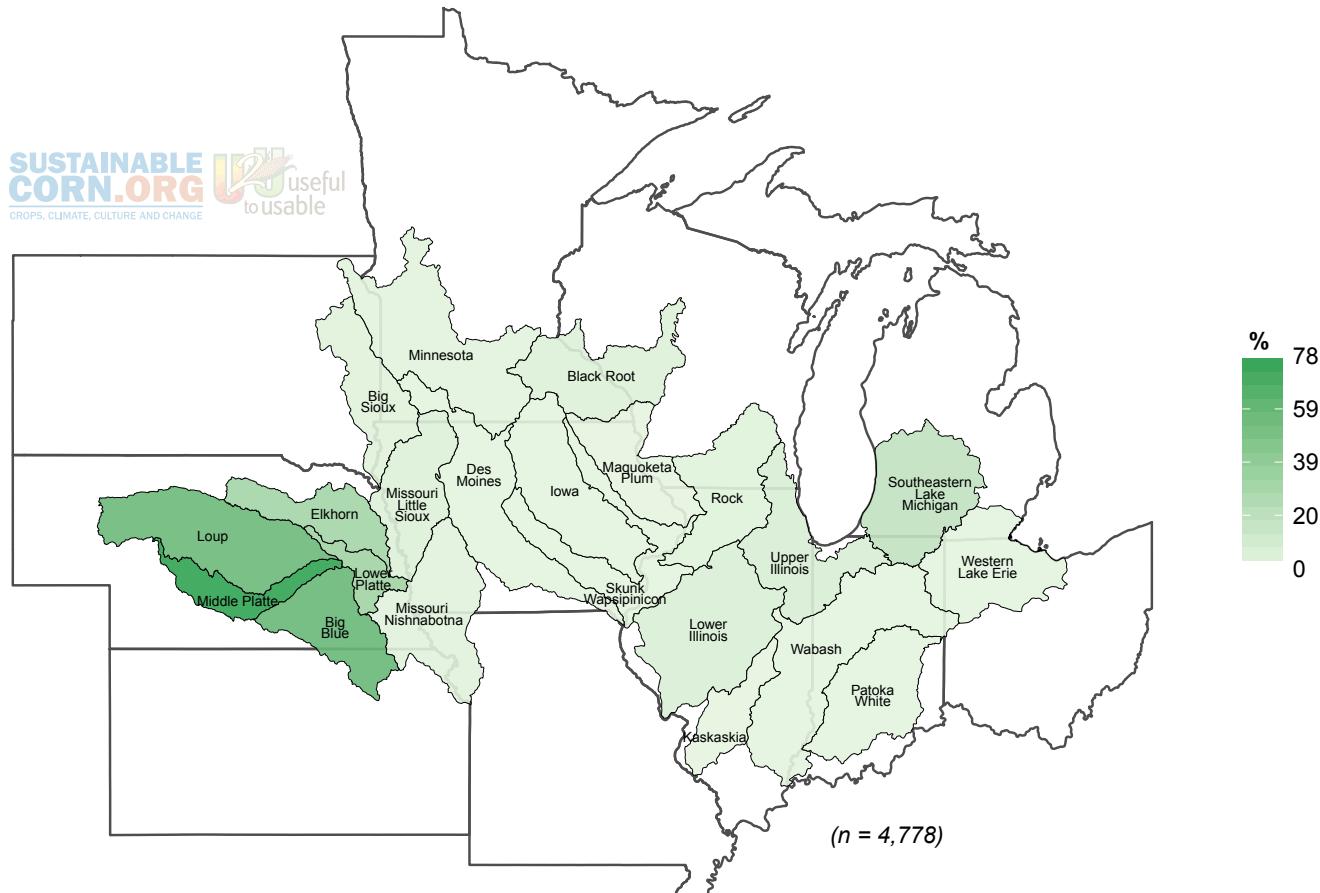
Map 52. Percentage of land farmed by respondents that is rented.



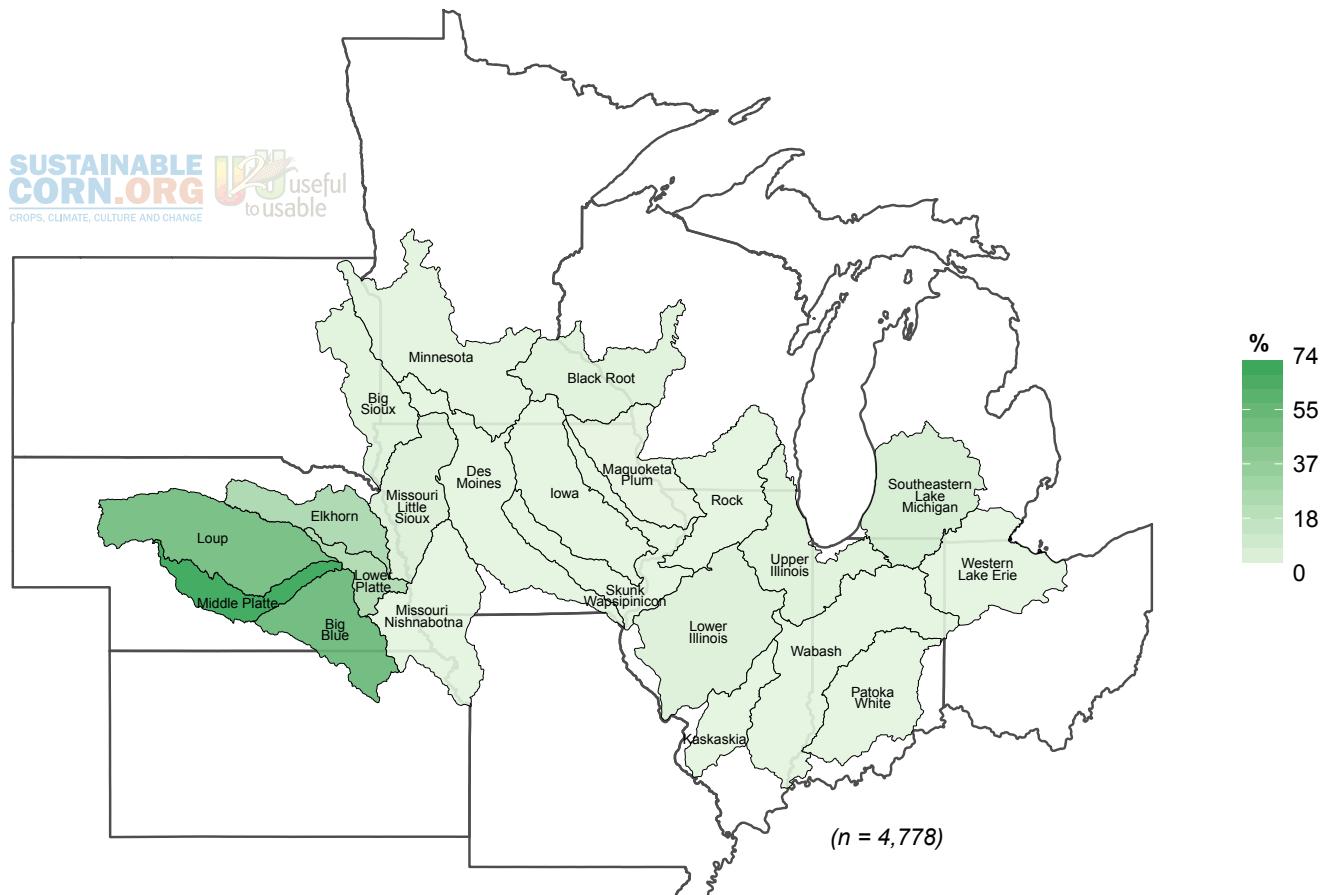
Map 53. In 2011, approximately what percentage of the owned land that you farmed was artificially drained through tile or other methods?



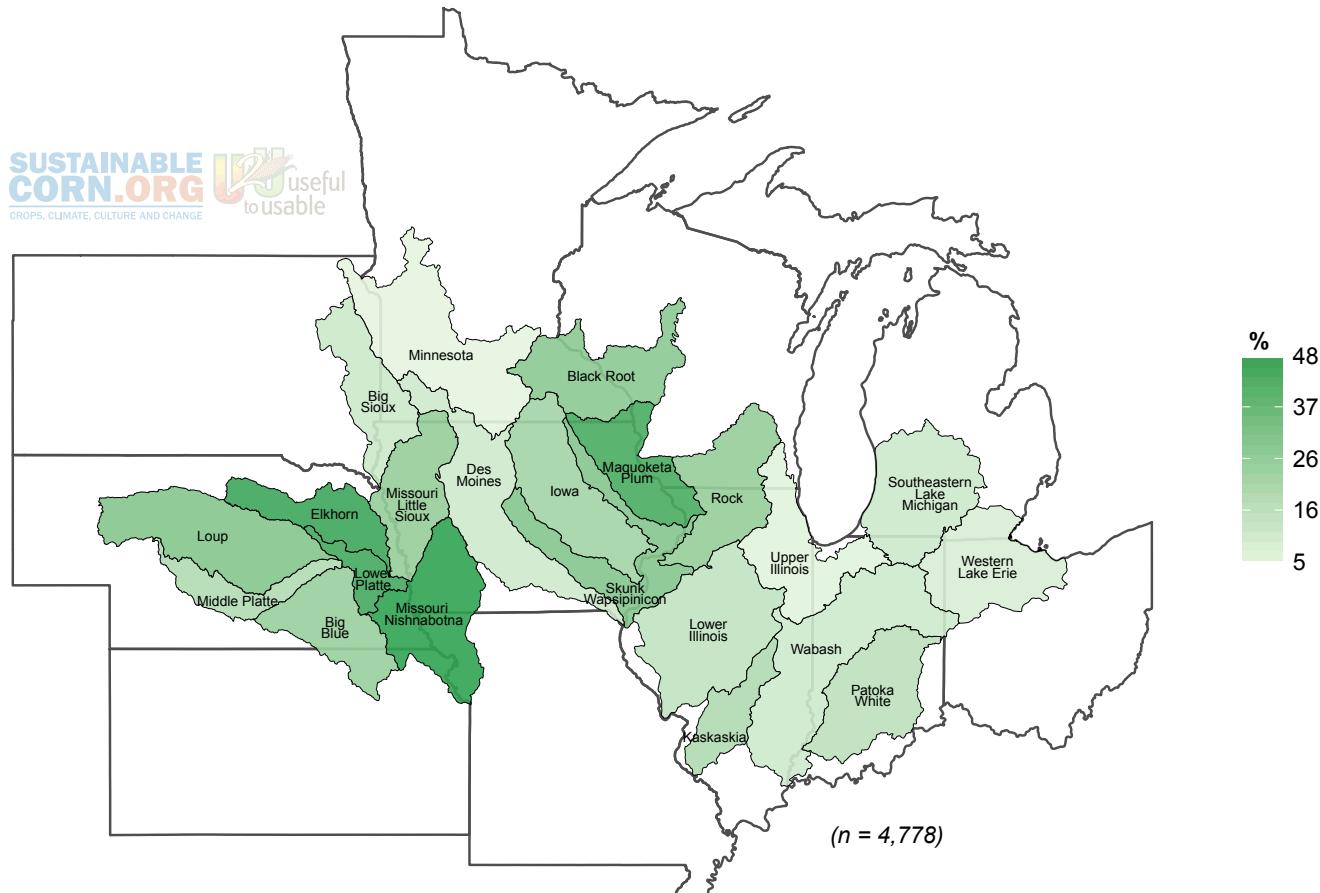
Map 54. In 2011, approximately what percentage of the rented land that you farmed was artificially drained through tile or other methods?



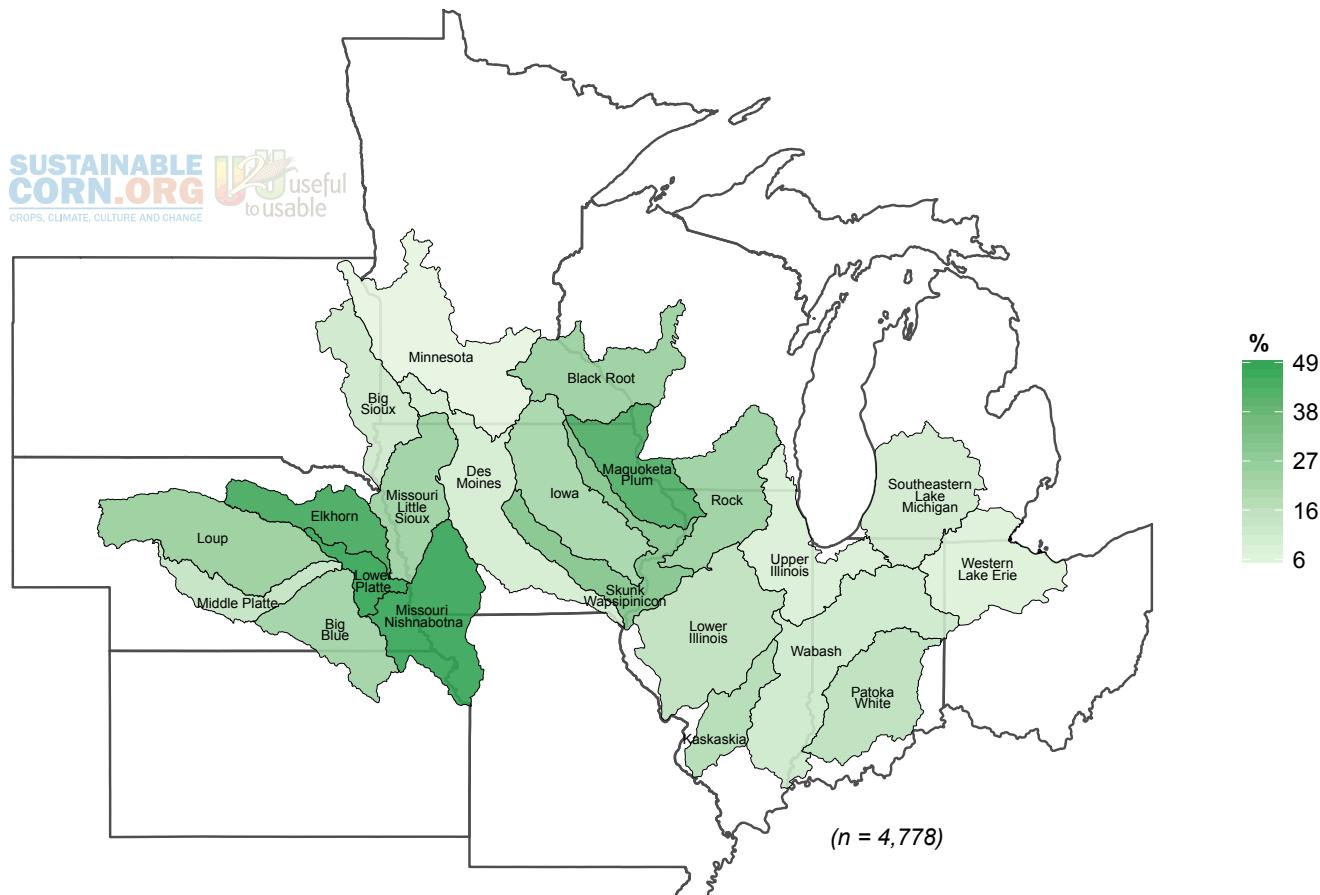
Map 55. In 2011, approximately what percentage of the owned land that you farmed was irrigated?



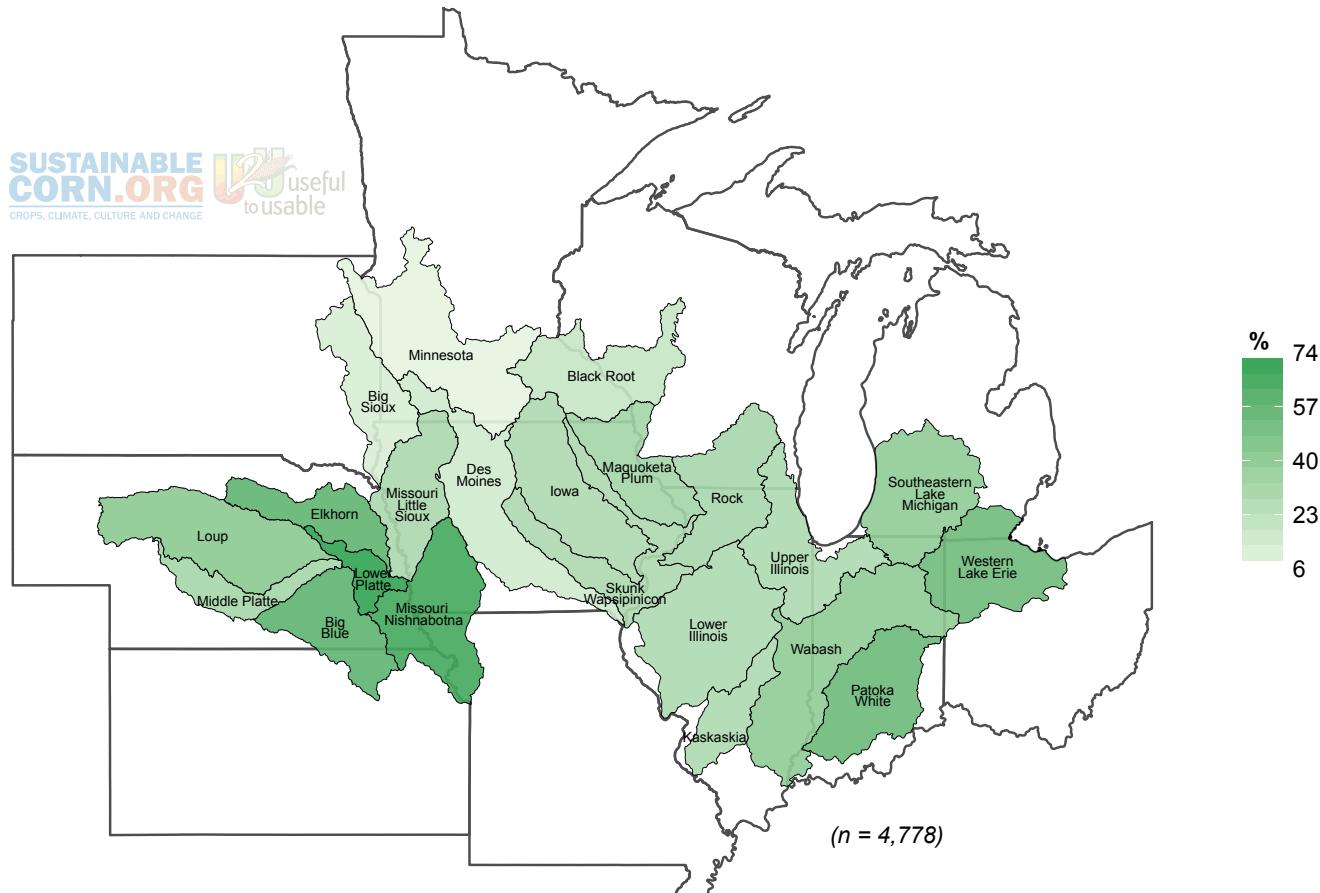
Map 56. In 2011, approximately what percentage of the rented land that you farmed was irrigated?



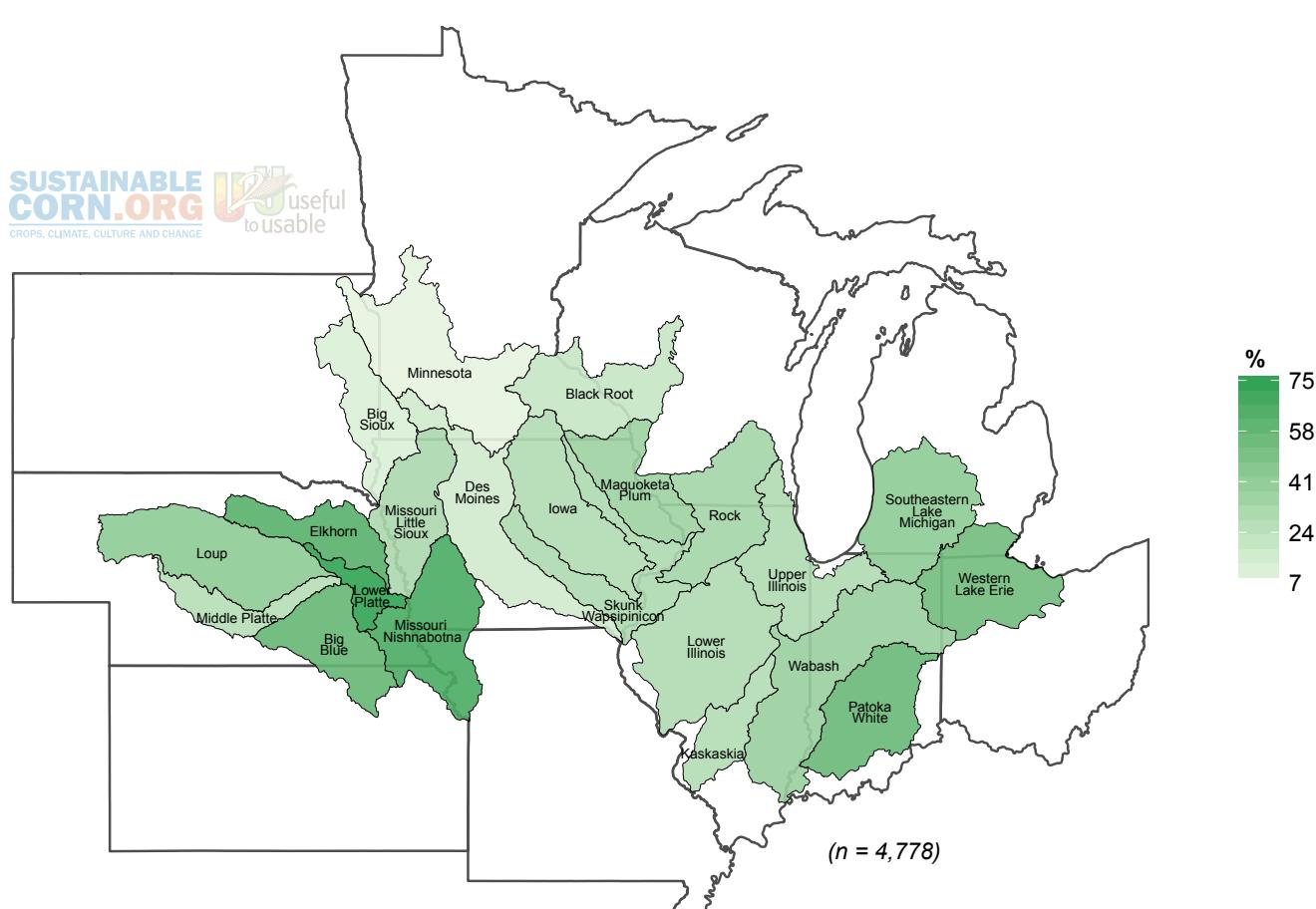
Map 57. In 2011, approximately what percentage of the owned land that you farmed was highly erodible land (HEL) that was planted to crops?



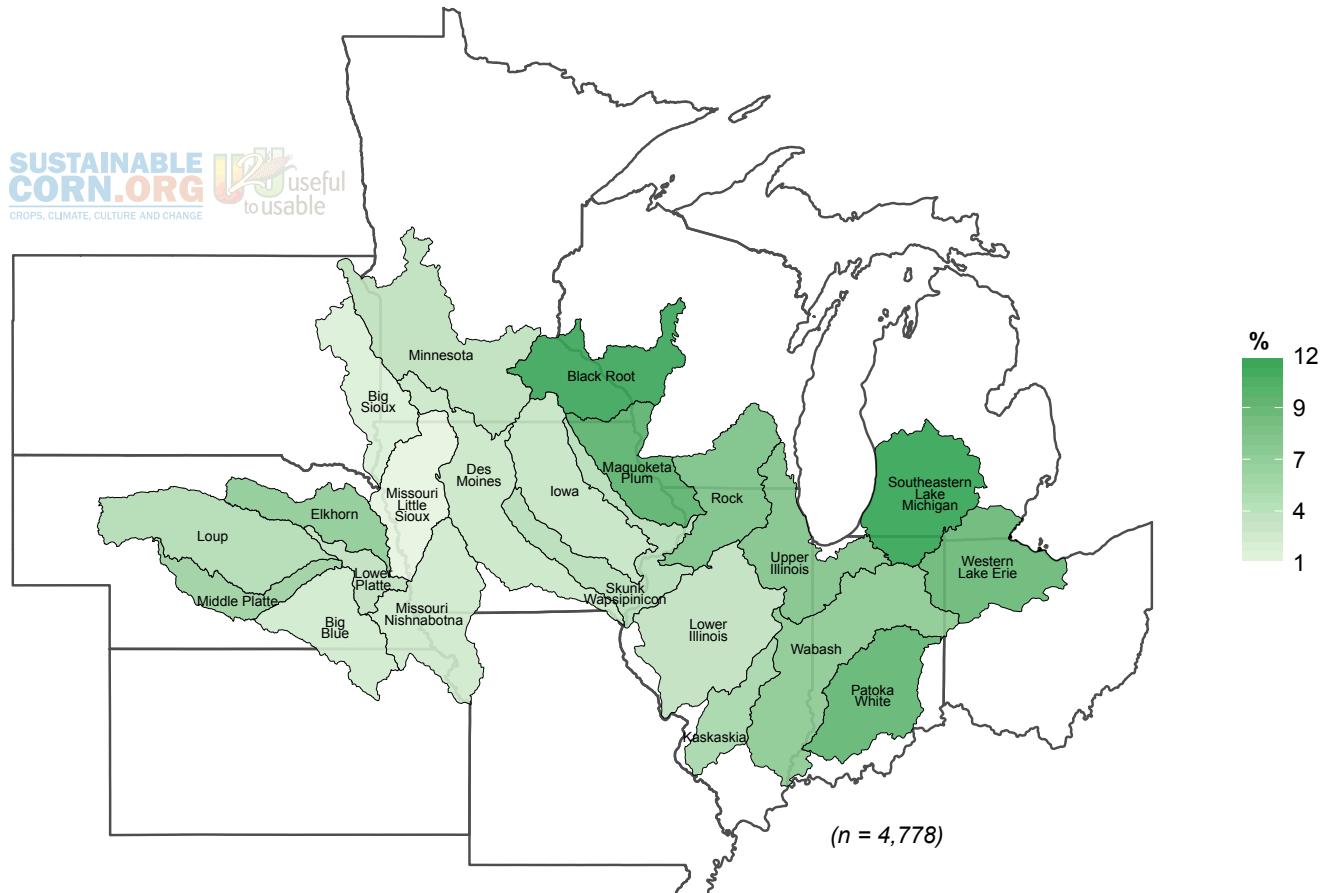
Map 58. In 2011, approximately what percentage of the rented land that you farmed was highly erodible land (HEL) that was planted to crops?



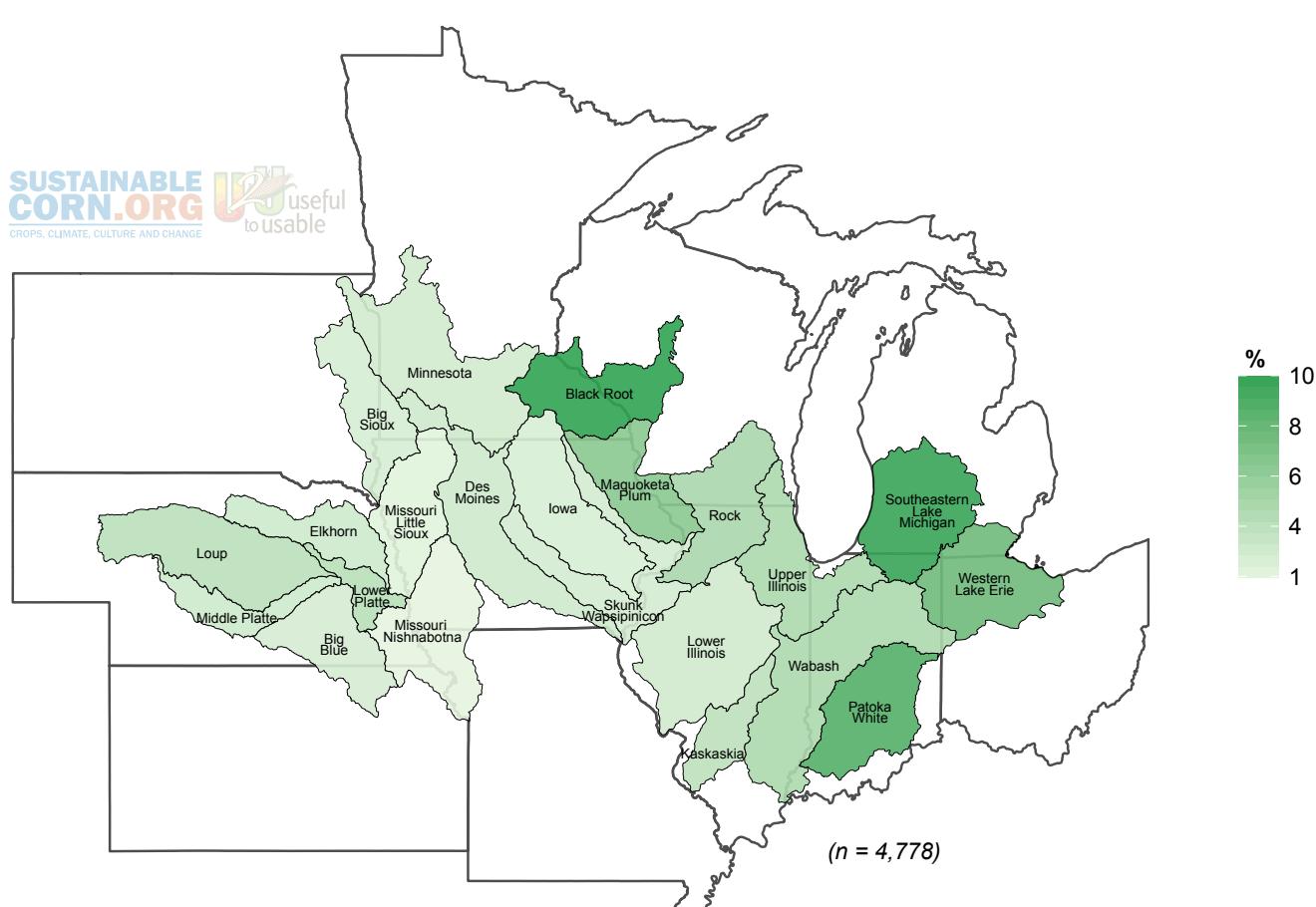
Map 59. In 2011, approximately what percentage of the owned land that you farmed was in no-till?



Map 60. In 2011, approximately what percentage of the rented land that you farmed was in no-till?



Map 61. In 2011, approximately what percentage of the owned land that you farmed was in cover crops?



Map 62. In 2011, approximately what percentage of the rented land that you farmed was in cover crops?

