



Family Forest (10+ Acres)
Ownership Characteristics

2018

MISSOURI

WHO IS THE PRIMARY DECISION- MAKER?

65 YEARS
(AVERAGE AGE)

47%
COLLEGE DEGREE

75% MALE

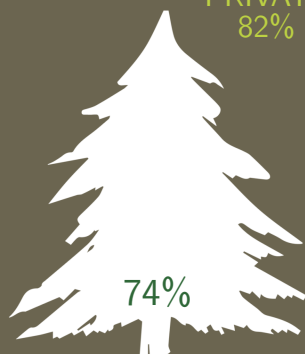
6% MINORITY



WHO OWNS MISSOURI'S FORESTS?

PRIVATE
82%

PUBLIC
18%



FAMILY



CORP.



OTHER



FEDERAL



STATE



LOCAL

PROGRAM PARTICIPATION

Management advice **16%**
Management plan **5%**
Cost-share programs **5%**
Conservation easements **2%**
Property tax program **1%**
Green certification **0%**

TOP 5 CONCERNS

Trespassing or poaching
Keeping land intact
Government regulation
Property taxes
Dumping or vandalism

BY THE NUMBERS Missouri's Family Forest Ownerships

10,792,000 ACRES

176,000 OWNERSHIPS

358,000 OWNERS

MEAN SIZE

61 acres

Median = 32 acres



TOP 5 REASONS FOR OWNING

Beauty or scenery
Wildlife habitat
Privacy
Nature protection
Water protection



PAST 5 YEARS Forest Management Activities

CUT TREES FOR SALE

20%

CUT TREES FOR OWN USE

45%

INSECT/DISEASE MITIGATION

5%

INVASIVE PLANT MITIGATION

29%

IMPROVED WILDLIFE HABITAT

31%

REDUCED FIRE HAZARD

11%



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Data in this report come primarily from the USDA Forest Service, National Woodland Owner Survey (NWOS). The NWOS is implemented by the Forest Inventory and Analysis program to answer questions related to who owns the forests, why they own it, what they have done with it in the past, and what they intend to do with it in the future. The family forest ownership results are based on random sample of 289 family forest ownerships from Missouri who participated in the NWOS in 2017 and 2018. The sampling errors provided below are important for assessing the reliability of the estimates. Additional results from the NWOS are available in USFS General Technical Report NRS-199 and can be accessed via the [NWOS Dashboard](#) and additional documentation and resources can be found on the [NWOS website](#).

TABLE 1. Forest Ownership

OWNER GROUP	ACRES	SE
Family	11,339,000	125,000
Corporate	1,039,000	74,000
Other private	202,000	35,000
Federal	1,878,000	47,000
State	810,000	44,000
Local	88,000	22,000

TABLE 2. Totals, family forest (10+ ac)

UNITS	TOTAL	SE
Acres	10,792,000	282,000
Ownerships	176,000	7,000
Owners	358,000	16,000

TABLE 3. Demographics, family forest (10+ ac)

DEMOGRAPHIC	ACRES	SE	OWNER-SHIPS	SE
	Percentage			
Age (65+)	56.4	2.9	52.9	4.1
Education (College)	48	3	46.6	4.4
Gender (Male)	80.4	1.8	75.5	3.2
Minority	3.7	<1	5.6	1.5

TABLE 4. Size of forest holdings, family forest (10+ ac)

SIZE OF HOLDINGS	ACRES	SE	OWNER-SHIPS	SE
(ACRES)	Percentage			
10-49	25.6	2	64.5	5
50-99	22.5	1.8	20.5	2
100-499	41.2	2.5	14.4	1.2
500-999	4.6	<1	<1	<1
1,000+	6.1	1	<1	<1

Mean size = 61.2 ac (SE = 3.0); Median size = 32 acres

TABLE 5. Reasons for owning, family forest (10+ ac)

OBJECTIVE	ACRES	SE	OWNER-SHIPS	SE
	Percentage			
Beauty or scenery	83.4	3	85.3	4.7
Wildlife habitat	83.8	3.3	80.7	4.7
Privacy	75.4	3.1	74.5	4.6
Nature protection	70	3.2	69.4	5
Water protection	68.9	3.1	66	4.7
Family legacy	69.3	2.9	61.3	4.3
Land investment	53.9	2.8	48.8	4
Hunting	60.1	2.9	47.8	3.6
Recreation	55.5	2.8	46.6	3.7
Raise family	45	2.7	42.9	4
Firewood	26.9	2.1	25.7	3.4
Timber products	27.1	2.2	19.3	2.6
Nontimber products	8.2	1.3	9.8	2.1

TABLE 6. Concerns, family forest (10+ ac)

CONCERN	ACRES	SE	OWNER-SHIPS	SE
	Percentage			
Trespassing	81.8	2.9	76.8	4.6
Keeping land intact	78.1	3.1	70	4.4
Government regulation	69.8	3.1	69	4.5
Property taxes	67.9	2.9	67.8	4.3
Vandalism	71	3	65.7	4.4
Insects or diseases	70.5	3.2	63.7	4.3
Water pollution	63.4	3	61.9	4.3
Wildfire	57.7	3.1	56.8	5.1
Invasive plants	57.2	3	54.2	4.3
Drought	53.9	2.9	50.7	4.1
Development	43.5	2.8	49.4	4.4
Air pollution	44.1	2.7	46.1	4
Wind or ice storms	46.2	2.7	43	3.8
Climate change	34.8	2.5	32.4	3.4
Off-road vehicles	30.4	2.4	31.1	3.5
Animal damage	24.4	2.1	24.1	3.1

TABLE 7. Management activities, family forest (10+ ac)

ACTIVITY	ACRES	SE	OWNER-SHIPS	SE
	Percentage			
Controlled burn	13	1.6	10.3	2
Cut trees - own use	46.3	2.2	44.7	3.3
Cut trees - sale	29.2	2	20.2	2.5
Insects management	5.3	1	5.2	1.5
Invasives	30	2.1	29	3.1
Livestock grazing	26.5	2.1	22.5	2.8
Nontimber products	27.8	2	27	2.9
Reduced fire hazard	10.1	1.4	10.8	2.1
Roads	14.2	1.5	12.7	2.4
Trails	32	2.1	21.7	2.4
Wildlife habitat	34.8	2.1	31.3	3.1
None	14.9	1.6	20.5	2.6

TABLE 8. Management programs, family forest (10+ ac)

PROGRAM	ACRES	SE	OWNER-SHIPS	SE
	Percentage			
Advice	20.8	1.9	15.8	2.5
Conservation easements	1.5	<1	1.8	1.2
Cost-share programs	9.5	1.3	4.7	1.1
Green certification	1.3	<1	<1	<1
Management plan	11.4	1.7	5.4	1.9
Property tax program	1.1	<1	<1	<1