Table 1. Anglers and Hunters 16 Years Old and Older, Days of Participation, and Trips by Type of Fishing and Hunting: 2016

(Population 16 years old and older. Numbers in thousands)

Two of Cabina and booting	Partic	ipants	Days of pa	articipation	Tr	rips
Type of fishing and hunting	Number	Percent	Number	Percent	Number	Percent
Total sportspersons						
FISHING						
Total, all fishing. Total, all freshwater. Freshwater, except Great Lakes. Great Lakes. Saltwater.						
HUNTING						
Total, all hunting Big game Small game. Migratory bird Other animals.						

Note: Detail does not add to total because of multiple responses.

Table 2. Anglers, Trips, and Days of Fishing by Type of Fishing: 2016

(Population 16 years old and older. Numbers in thousands)

					Fresh	water				
Anglers, trips, and days of fishing	Total, all	fishing	Tot all fres		Freshwate Great		Great	Lakes	Saltw	ater
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
ANGLERS										
Total in U.S. In state of residence. In other states.										
TRIPS										
Total in U.S										
DAYS OF FISHING										
Total in U.S										
Average days per angler										

⁽X) Not applicable.

Note: Detail for participants does not add to total because of multiple responses. Percents shown are based on the respective "Total in U.S." rows.

Table 3. Freshwater Anglers and Days of Fishing by Type of Fish: 2016

(Population 16 years old and older. Numbers in thousands. Excludes Great Lakes fishing)

Torres of Cale	Ang	glers	Days of	f fishing	Aviano ao davis
Type of fish	Number	Percent	Number	Percent	Average days per anglei
Total, all types of fish. Black bass (largemouth, smallmouth, etc.). White bass, striped bass and striped bass hybrids Panfish. Crappie. Catfish and bullheads. Walleye. Sauger. Northern pike, pickerel, muskie, muskie hybrids. Trout. Salmon. Steelhead. Anything¹ Another type of freshwater fish.					

¹ Respondent fished for no specific species and identified "Anything" from a list of categories of fish.

Note: Detail does not add to total because of multiple responses.

Table 4. Great Lakes Anglers and Days of Fishing by Type of Fish: 2016

(Population 16 years old and older. Numbers in thousands)

T	Angle	ers	Days of	fishing	A
Type of fish	Number	Percent	Number	Percent	Average days per angler
Total, all types of fish. Black bass (largemouth, smallmouth, etc.) Walleye, sauger. Northern pike, pickerel, muskie, muskie hybrids Perch. Salmon Steelhead Lake trout Other trout. Anything¹ Another type of Great Lakes fish					

^{*} Estimate based on a sample size of 10-29.

¹ Respondent fished for no specific species and identified "Anything" from a list of categories of fish.

Table 5. Saltwater Anglers and Days of Fishing by Type of Fish: 2016

(Population 16 years old and older. Numbers in thousands)

Thurst of East	Ang	glers	Days of	fishing	Aviana aa davia
Type of fish	Number	Percent	Number	Percent	Average days per angler
Total, all types of fish. Salmon Striped bass Flatfish (flounder, halibut) Bluefish. Red drum (redfish) Sea trout (weakfish) Mackerel Shellfish Anything¹ Another type of saltwater fish					

¹ Respondent fished for no specific species and identified "Anything" from a list of categories of fish.

Note: Detail does not add to total because of multiple responses.

Table 6. Hunters, Trips, and Days of Hunting by Type of Hunting: 2016

(Population 16 years old and older. Numbers in thousands)

Hunters, trips, and days	Total, all	hunting	Big g	game	Small	game	Migrato	ry bird	Other a	nnimals
of hunting	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
HUNTERS										
Total in U.S. In state of residence. In other states.										
TRIPS										
Total in U.S. In state of residence. In other states.										
DAYS OF HUNTING										
Total in U.S										
Average days per hunter										

(X) Not applicable.

Note: Detail does not add to total because of multiple responses. Percents shown are based on the respective "Total in U.S." rows.

Table 7. Hunters and Days of Hunting by Type of Game: 2016

(Population 16 years old and older. Numbers in thousands)

T	Hur	nters	Days of	hunting	A
Type of game	Number	Percent	Number	Percent	Average days per hunter
Total, all big game Deer					
ElkBear					
Wild turkeyOther big game					
Total, all small game Rabbit, hare. Quail. Grouse/prairie chicken Squirrel. Pheasant Other small game.					
Total, all migratory birds Waterfowl (geese and/or ducks). Geese. Ducks Doves					
Other migratory bird Total, all other animals (fox, raccoon, groundhog,					
etc.)					

Table 8. Selected Characteristics of Anglers and Hunters: 2016

(Population 16 years old and older. Numbers in thousands)

	U.S. popu	nation	Sportspe	rsons (fished or	nuntea)	Fished only			
Characteristic	Number	Percent	Number	Percent who participated	Percent	Number	Percent who participated	Percer	
Total persons									
Population Density of Residence									
Urban									
Rural									
Population Size of Residence									
Metropolitan statistical area (MSA)									
1,000,000 or more									
Less than									
Outside MSA									
Census Geographic Division									
New England									
Middle Atlantic									
East North Central									
West North Central									
East South Central									
West South Central									
Mountain									
Pacific									
Age									
16 to 17 years									
18 to 24 years									
35 to 44 years									
45 to 54 years									
55 to 64 years									
65 years and older									
Sex									
Male, total									
16 to 17 years									
25 to 34 years									
35 to 44 years									
45 to 54 years									
55 to 64 years									
65 years and older									
Female, total									
16 to 17 years									
25 to 34 years									
35 to 44 years									
45 to 54 years									
55 to 64 years									
65 years and older									
Ethnicity									
Hispanic									
^									
Race White									
Black									
Asian									
All others									
Annual Household Income									
Less than \$10,000									
\$10,000 to \$19,999									
\$25,000 to \$24,999.									
\$30,000 to \$34,999									
\$35,000 to \$39,999									
\$40,000 to \$49,999									
\$50,000 to \$74,999									
\$100,000 or more									
Not reported.									
Education									
11 years or less									
12 years									
1 to 3 years college									
4 years college									

See footnotes at end of table.

Table 8. Selected Characteristics of Anglers and Hunters: 2016—Continued

(Population 16 years old and older. Numbers in thousands)

		Hunted only			Fished and hunted	
Characteristic	Number	Percent who participated	Percent	Number	Percent who participated	Percer
Total persons					,	
Population Density of Residence						
UrbanRural						
Population Size of Residence						
Metropolitan statistical area (MSA)						
1,000,000 or more						
250,000 to 999,999						
Less than 249,999 Outside MSA						
Census Geographic Division						
New England						
Middle Atlantic						
East North Central						
West North Central						
East South Central						
West South Central						
Mountain						
Pacific						
Age						
16 to 17 years						
25 to 34 years						
35 to 44 years						
45 to 54 years						
55 to 64 years						
65 years and older						
Male, total						
16 to 17 years						
18 to 24 years						
25 to 34 years						
35 to 44 years						
55 to 64 years						
65 years and older						
Female, total						
16 to 17 years						
18 to 24 years						
35 to 44 years						
45 to 54 years						
55 to 64 years						
65 years and older						
Ethnicity Hispanic						
Non-Hispanic						
Race						
White						
Black						
All others						
Annual Household Income						
Less than \$10,000						
\$10,000 to \$19,999						
\$20,000 to \$24,999						
\$25,000 to \$29,999						
\$35,000 to \$39,999						
\$40,000 to \$49,999						
\$50,000 to \$74,999						
\$75,000 to \$99,999						
Not reported						
Education						
11 years or less						
12 years						
1 to 3 years college						
4 years college						

^{*} Estimate based on a sample size of 10-29. ... Sample size too small to report data reliably. (Z) Less than 0.5 percent.

Note: Percent who participated shows the percent of each row's population who participated in the activity named by the column. Percent columns show the percent of each column's participants who are described by the row heading.

Table 9. Selected Characteristics of Anglers by Type of Fishing: 2016

(Population 16 years old and older. Numbers in thousands)

	U.S. popu	lation	-	Total, all fishing			Total freshwater	
Characteristic	Number	Percent	Number	Percent who participated	Percent	Number	Percent who participated	Percent
Total persons								
Population Density of Residence Urban								
Population Size of Residence Metropolitan statistical area (MSA)								
Census Geographic Division New England Middle Atlantic East North Central West North Central South Atlantic East South Central West South Central West South Central Age 16 to 17 years 18 to 24 years								
25 to 34 years								
MaleFemale								
Hispanic								
Race White								
Annual Household Income Less than \$10,000 \$10,000 to \$19,999. \$20,000 to \$24,999. \$25,000 to \$29,999. \$30,000 to \$34,999. \$35,000 to \$34,999. \$40,000 to \$49,999. \$50,000 to \$74,999. \$75,000 to \$99,999. \$100,000 or more. Not reported.								
Education 11 years or less								

See footnotes at end of table.

Table 9. Selected Characteristics of Anglers by Type of Fishing: 2016—Continued

(Population 16 years old and older. Numbers in thousands)

			Freshy	vater				Saltwater	
	Freshwate	er, except Grea	at Lakes		Great Lakes			Saitwater	
Characteristic	Number	Percent who partici- pated	Percent	Number	Percent who partici- pated	Percent	Number	Percent who partici- pated	Percen
Total persons									
Population Density of Residence UrbanRural									
Population Size of Residence Metropolitan statistical area (MSA)									
1,000,000 or more									
Outside MSA									
Census Geographic Division New England									
Middle Atlantic									
South Atlantic East South Central									
West South Central. Mountain Pacific									
Age 16 to 17 years									
18 to 24 years									
35 to 44 years									
65 years and older									
Sex Male Female									
Ethnicity Hispanic Non-Hispanic									
Race White									
Black									
All others									
Less than \$10,000									
\$20,000 to \$24,999. \$25,000 to \$29,999. \$30,000 to \$34,999.									
\$35,000 to \$39,999									
\$50,000 to \$74,999 \$75,000 to \$99,999									
\$100,000 or more									
Education 11 years or less									
12 years									
4 years college									

st Estimate based on a sample size of 10–29. ... Sample size too small to report data reliably. (Z) Less than 0.5 percent.

Note: Percent who participated shows the percent of each row's population who participated in the activity named by the column (the percent of those living in urban areas who fished in the Great Lakes, etc.). Percent columns show the percent of each column's participants who are described by the row heading (the percent of those Great Lakes anglers who lived in urban areas, etc.).

Table 10. Selected Characteristics of Hunters by Type of Hunting: 2016

(Population 16 years old and older. Numbers in thousands)

	U.S. popu	lation		otal, all hunting			Big game	
Characteristic	Number	Percent	Number	Percent who participated	Percent	Number	Percent who participated	Percen
Total persons								
Population Density of Residence UrbanRural								
Population Size of Residence Metropolitan statistical area (MSA)								
Census Geographic Division New England Middle Atlantic East North Central West North Central South Atlantic East South Central West South Central West South Central Age 16 to 17 years								
18 to 24 years 25 to 34 years 35 to 44 years 45 to 54 years 55 to 64 years 65 years and older								
Sex Male. Female.								
Ethnicity Hispanic Non-Hispanic								
Race White Black Asian All others Annual Household Income Less than \$10,000								
\$10,000 to \$19,999 \$20,000 to \$24,999 \$25,000 to \$29,999 \$30,000 to \$34,999 \$35,000 to \$34,999 \$40,000 to \$49,999 \$50,000 to \$74,999								
\$100,000 or more Not reported Education								
11 years or less								

See footnotes at end of table.

Table 10. Selected Characteristics of Hunters by Type of Hunting: 2016—Continued

(Population 16 years old and older. Numbers in thousands)

		Small game]	Migratory bird	I		Other animals	
Characteristic	Number	Percent who partici- pated	Percent	Number	Percent who partici- pated	Percent	Number	Percent who partici- pated	Percent
Total persons									
Population Density of Residence									
Urban Rural									
Population Size of Residence Metropolitan statistical area (MSA)									
Census Geographic Division									
New England Middle Atlantic East North Central West North Central. South Atlantic East South Central West South Central West South Central Pacific									
Age 16 to 17 years 18 to 24 years 25 to 34 years 35 to 44 years 45 to 54 years 55 to 64 years 65 years and older									
Sex Male Female									
Ethnicity Hispanic Non-Hispanic									
Race White. Black. Asian. All others.									
Annual Household Income Less than \$10,000 \$10,000 to \$19,999. \$20,000 to \$24,999. \$25,000 to \$29,999. \$30,000 to \$34,999. \$35,000 to \$39,999. \$40,000 to \$49,999. \$50,000 to \$74,999. \$75,000 to \$99,999. \$100,000 or more. Not reported.									
Education 11 years or less 12 years 1 to 3 years college 4 years college 5 years or more college									
* Estimate based on a sample size of 10–29	G 1	size too small to			ess than 0.5 per				

^{*} Estimate based on a sample size of 10-29. ... Sample size too small to report data reliably. (Z) Less than 0.5 percent.

Note: Percent who participated shows the percent of each row's population who participated in the activity named by the column (the percent of those living in urban areas who hunted big game, etc.). Percent columns show the percent of each column's participants who are described by the row heading (the percent of big game hunters who lived in urban areas, etc.).

Table 11. Summary of Expenditures for Fishing and Hunting: 2016

(Population 16 years old and older)

	Expend	litures		Spenders	
Expenditure item	Amount (thousands of dollars)	Average per sportsperson (dollars)	Number (thousands)	Percent of sportspersons	Average per spender (dollars)
Total, all items					
TRIP-RELATED EXPENDITURES					
Total trip-related					
Food and lodging, total					
Transportation, total Public Private					
Other trip costs ¹					
EQUIPMENT EXPENDITURES					
Fishing equipment Hunting equipment Auxiliary equipment ² Special equipment ³					
OTHER EXPENDITURES					
Books, magazines					

Other trip costs include guide fees, pack trip or package fees, public and private land use fees, equipment rental, boating costs (which include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel), bait, ice, and heating and cooking fuel.
 Auxiliary equipment includes camping equipment, binoculars, special fishing and hunting clothing, etc.
 Special equipment includes boats, campers, cabins, trail bikes, etc.

Note: Detail does not add to total because of multiple responses. Detail in subsequent tables may not add to totals shown here because of nonresponse to individual questions.

Table 12. Expenditures for Fishing: 2016

(Population 16 years old and older)

	Expend	ditures		Spenders	
Expenditure item	Amount (thousands of dollars)	Average per angler (dollars)	Number (thousands)	Percent of anglers	Average per spender (dollars)
Total, all items					
TRIP-RELATED EXPENDITURES					
Total trip-related					
Food and lodging, total					
Food					
Transportation, total					
Other trip costs, total Guide fees, pack trip or package fees. Public land use fees Private land use fees Equipment rental Boating costs¹. Bait Ice Heating and cooking fuel					
EQUIPMENT EXPENDITURES					
Fishing equipment, total Rods, reels, poles, and rodmaking components Lines and leaders Artificial lures, flies, baits, and dressing for flies or lines. Hooks, sinkers, swivels, and other items attached to a line, except lures and baits Tackle boxes. Creels, stringers, fish bags, landing nets, and gaff hooks Minnow traps, seines, and bait containers Depth finders, fish finders, and other electronic fishing devices Ice fishing equipment Other fishing equipment					
Auxiliary equipment, total Camping equipment Binoculars, field glasses, telescopes, etc. Special fishing clothing, rubber boots, waders, and foul weather gear Processing and taxidermy costs. Other					
Special equipment ²					
OTHER EXPENDITURES					
Magazines, books Membership dues and contributions Land leasing and ownership Licenses, stamps, tags, and permits, total Licenses Stamps, tags, and permits					

 $^{^{\}rm I}$ Boating costs include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel. $^{\rm 2}$ Special equipment includes boats, campers, cabins, trail bikes, etc.

Note: Detail does not add to total because of multiple responses. Detail in tables 13 to 16 may not add to totals shown here because of multiple responses and nonresponse.

Table 13. Trip and Equipment Expenditures for Freshwater Fishing: 2016

(Population 16 years old and older)

	Expend	ditures		Spenders	
Expenditure item	Amount (thousands of dollars)	Average per angler (dollars)	Number (thousands)	Percent of anglers	Average per spender (dollars)
Total, all items					
TRIP-RELATED EXPENDITURES					
Total trip-related					
Food and lodging, total					
Transportation, total					
Other trip costs, total Guide fees, pack trip or package fees. Public land use fees Private land use fees Equipment rental Boating costs ¹ Bait Ice Heating and cooking fuel					
EQUIPMENT EXPENDITURES					
Fishing equipment, total Rods, reels, poles, and rodmaking components Lines and leaders Artificial lures, flies, baits, and dressing for flies or lines. Hooks, sinkers, swivels, and other items attached to a line, except lures and baits Tackle boxes. Creels, stringers, fish bags, landing nets, and gaff hooks Minnow traps, seines, and bait containers Depth finders, fish finders, and other electronic fishing devices Ice fishing equipment Other fishing equipment					
Auxiliary equipment, total Camping equipment Binoculars, field glasses, telescopes, etc. Special fishing clothing, rubber boots, waders, and foul weather gear Processing and taxidermy costs. Other Special equipment ² .					

 $^{^1}$ Boating costs include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel. 2 Special equipment includes boats, campers, cabins, trail bikes, etc.

Table 14. Trip and Equipment Expenditures for Freshwater Fishing, Except Great Lakes: 2016

(Population 16 years old and over)

Amount (thousands of dollars)	Average per angler (dollars)	Number (thousands)	Percent of anglers	Average per spender (dollars)

 $^{^1}$ Boating costs include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel. 2 Special equipment includes boats, campers, cabins, trail bikes, etc.

Table 15. Trip and Equipment Expenditures for Great Lakes Fishing: 2016

(Population 16 years old and older)

	Expend	itures	Spenders			
Expenditure item	Amount (thousands of dollars)	Average per angler (dollars)	Number (thousands)	Percent of anglers	Average per spender (dollars)	
Total, all items						
TRIP-RELATED EXPENDITURES						
Total trip-related						
Food and lodging, total						
Transportation, total						
Other trip costs, total Guide fees, pack trip or package fees. Public land use fees. Private land use fees Equipment rental Boating costs ¹ Bait Ice Heating and cooking fuel						
EQUIPMENT EXPENDITURES						
Rods, reels, poles, and rodmaking components Lines and leaders Artificial lures, flies, baits, and dressing for flies or lines. Hooks, sinkers, swivels, and other items attached to a line, except lures and baits Tackle boxes. Creels, stringers, fish bags, landing nets, and gaff hooks Minnow traps, seines, and bait containers Depth finders, fish finders, and other electronic fishing devices Ice fishing equipment Other fishing equipment						
Auxiliary equipment, total Camping equipment Binoculars, field glasses, telescopes, etc. Special fishing clothing, rubber boots, waders, and foul weather gear. Processing and taxidermy costs. Other. Special equipment ² .						

^{...} Sample size too small to report data reliably. \ast Estimate based on a sample size of 10–29.

 $^{^1}$ Boating costs include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel. 2 Special equipment includes boats, campers, cabins, trail bikes, etc.

Table 16. Trip and Equipment Expenditures for Saltwater Fishing: 2016

(Population 16 years old and older)

	Expend	litures		Spenders	
Expenditure item	Amount (thousands of dollars	Average per angler (dollars)	Number (thousands)	Percent of anglers	Average per spender (dollars)
Total, all items				·	
TRIP-RELATED EXPENDITURES					
Total trip-related					
Food and lodging, total					
Food					
Transportation, total					
Other trip costs, total Guide fees, pack trip or package fees. Public land use fees Private land use fees Equipment rental Boating costs¹. Bait Ice Heating and cooking fuel					
EQUIPMENT EXPENDITURES					
Fishing equipment, total Rods, reels, poles, and rodmaking components Lines and leaders Artificial lures, flies, baits, and dressing for flies or lines. Hooks, sinkers, swivels, and other items attached to a line, except lures and baits Tackle boxes. Creels, stringers, fish bags, landing nets, and gaff hooks Minnow traps, seines, and bait containers Depth finders, fish finders, and other electronic fishing devices Other fishing equipment					
Auxiliary equipment, total Camping equipment Binoculars, field glasses, telescopes, etc. Special fishing clothing, rubber boots, waders, and foul weather gear Processing and taxidermy costs. Other. Special equipment ² .					

 $[\]ensuremath{^{*}}$ Estimate based on a sample size of 10–29. (Z) Less than 0.5 percent.

 $^{^{\}rm 1}$ Boating costs include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel. $^{\rm 2}$ Special equipment includes boats, campers, cabins, trail bikes, etc.

Table 17. Expenditures for Hunting: 2016

(Population 16 years old and older)

	Expend	itures	Spenders			
Expenditure item	Amount (thousands of dollars)	Average per hunter (dollars)	Number (thousands)	Percent of hunters	Average per spender (dollars)	
Total, all items				<u>'</u>		
TRIP-RELATED EXPENDITURES						
Total trip-related						
Food and lodging, total						
Transportation, total						
Other trip costs, total Guide fees, pack trip or package fees. Public land use fees. Private land use fees Equipment rental Boating costs ¹ . Heating and cooking fuel						
EQUIPMENT EXPENDITURES						
Hunting equipment, total Guns and rifles. Rifles Shotguns. Muzzleloaders, primitive firearms. Pistols, handguns Bows, arrows, archery equipment Telescopic sights Decoys and game calls Ammunition Hand loading equipment Hunting dogs and associated costs Other.						
Auxiliary equipment, total Camping equipment Binoculars, field glasses, telescopes, etc. Special hunting clothing, rubber boots, waders, and foul weather gear. Processing and taxidermy costs. Other.						
Special equipment ²						
OTHER EXPENDITURES						
Magazines, books. Membership dues and contributions Land leasing and ownership Licenses, stamps, tags, and permits, total Licenses Federal duck stamps Other stamps, tags, and permits						

 $^{^{\}rm I}$ Boating costs include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel. $^{\rm 2}$ Special equipment includes boats, campers, cabins, trail bikes, etc.

Note: Detail does not add to total because of multiple responses. Detail in tables 18 to 21 may not add to totals shown here because of multiple responses and nonresponse.

Table 18. Trip and Equipment Expenditures for Big Game Hunting: 2016

(Population 16 years old and older)

	Expend	itures		Spenders	
Expenditure item	Amount (thousands of dollars)	Average per hunter (dollars)	Number (thousands)	Percent of hunters	Average per spender (dollars)
Total, all items			·	·	
TRIP-RELATED EXPENDITURES					
Total trip-related					
Food and lodging, total					
Transportation, total					
Other trip costs, total Guide fees, pack trip or package fees. Public land use fees. Private land use fees Equipment rental Boating costs¹. Heating and cooking fuel					
EQUIPMENT EXPENDITURES					
Hunting equipment, total Firearms Rifles Shotguns Muzzleloaders Pistols, handguns Bows, arrows, archery equipment Telescopic sights Decoys and game calls Ammunition Hand loading equipment Hunting dogs and associated costs Other.					
Auxiliary equipment, total Camping equipment Binoculars, field glasses, telescopes, etc. Special hunting clothing, rubber boots, waders, and foul weather gear. Processing and taxidermy costs. Other. Special equipment ² .					

 $^{^{\}rm 1}$ Boating costs include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel. $^{\rm 2}$ Special equipment includes boats, campers, cabins, trail bikes, etc.

Table 19. Trip and Equipment Expenditures for Small Game Hunting: 2016

(Population 16 years old and older)

	Expend	itures	Spenders			
Expenditure item	Amount (thousands of dollars)	Average per hunter (dollars)	Number (thousands)	Percent of hunters	Average per spender (dollars	
Total, all items						
TRIP-RELATED EXPENDITURES						
Total trip-related						
Food and lodging, total						
Food						
Transportation, total						
Public						
Private						
Other trip costs, total						
Guide fees, pack trip or package fees						
Public land use fees						
Private land use fees						
Equipment rental						
Boating costs ¹						
Heating and cooking fuel						
EQUIPMENT EXPENDITURES						
Hunting equipment, total						
Firearms						
Rifles						
Shotguns						
Muzzleloaders						
Pistols, handguns						
Bows, arrows, archery equipment						
Telescopic sights						
Decoys and game calls						
Hand loading equipment						
Hunting dogs and associated costs						
Other						
Auxiliary equipment, total						
Camping equipment						
Binoculars, field glasses, telescopes, etc.						
Special hunting clothing, rubber boots, waders, and foul						
weather gear						
Processing and taxidermy costs						
Other						
Special equipment ²						

^{*} Estimate based on a sample size of 10-29. ... Sample size too small to report data reliably.

 $^{^1}$ Boating costs include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel. 2 Special equipment includes boats, campers, cabins, trail bikes, etc.

Table 20. Trip and Equipment Expenditures for Migratory Bird Hunting: 2016

(Population 16 years old and older)

	Expend	ditures		Spenders	
Expenditure item	Amount (thousands of dollars)	Average per hunter (dollars)	Number (thousands)	Percent of hunters	Average pe spende (dollars
Total, all items					
TRIP-RELATED EXPENDITURES					
Total trip-related					
Food and lodging, total					
Transportation, total					
Other trip costs, total Guide fees, pack trip or package fees. Public land use fees. Private land use fees Equipment rental Boating costs¹. Heating and cooking fuel					
EQUIPMENT EXPENDITURES					
Hunting equipment, total Firearms Rifles Shotguns Muzzleloaders Pistols, handguns Bows, arrows, archery equipment Telescopic sights Decoys and game calls Ammunition Hand loading equipment Hunting dogs and associated costs Other					
Auxiliary equipment, total Camping equipment Binoculars, field glasses, telescopes, etc. Special hunting clothing, rubber boots, waders, and foul weather gear. Processing and taxidermy costs. Other. Special equipment ² .					

 $[\]ast$ Estimate based on a sample size of 10–29. ... Sample size too small to report data reliably.

 $^{^{\}rm I}$ Boating costs include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel. $^{\rm 2}$ Special equipment includes boats, campers, cabins, trail bikes, etc.

Table 21. Trip and Equipment Expenditures for Hunting Other Animals: 2016

(Population 16 years old and older)

	Expend	itures		Spenders		
Expenditure item	Amount (thousands of dollars)	Average per hunter (dollars)	Number (thousands)	Percent of hunters	Average pe spende (dollars	
Total, all items						
TRIP-RELATED EXPENDITURES						
Total trip-related						
Food and lodging, total						
Food						
Transportation, total						
Public						
Other trip costs, total Guide fees, pack trip or package fees Public land use fees Private land use fees Equipment rental Boating costs ¹ Heating and cooking fuel						
EQUIPMENT EXPENDITURES						
Hunting equipment, total Firearms Rifles Shotguns Muzzleloaders Pistols, handguns Bows, arrows, archery equipment Telescopic sights Decoys and game calls Ammunition Hand loading equipment Hunting dogs and associated costs Other. Auxiliary equipment, total Camping equipment Binoculars, field glasses, telescopes, etc. Special hunting clothing, rubber boots, waders, and foul weather gear Processing and taxidermy costs. Other. Special equipment ²						

^{*} Estimate based on a sample size of 10-29. ... Sample size too small to report data reliably.

 $^{^{\}rm 1}$ Boating costs include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel. $^{\rm 2}$ Special equipment includes boats, campers, cabins, trail bikes, etc.

Table 22. Special Equipment Expenditures for Fishing and Hunting: 2016

(Population 16 years old and older)

	Expen	ditures		Spenders		
Special equipment item	Amount (thousands of dollars)	Average per sportsperson (dollars)	Number (thousands)	Percent of sportspersons	Average per spender (dollars)	
Total, all items Motorboat (other than bass boat) Bass boat Canoe, other non-motorboat Boat motor, trailer or hitch, and other boat accessories. Travel or tent trailer, pickup, camper, van, motor home, recreational vehicle (RV), house trailer Cabin Trail bike, dune buggy, 4x4 vehicle, 4-wheeler, snowmobile Other.						

^{*} Estimate based on a sample size of 10-29. (Z) Less than 0.5 percent.

Note: Detail does not add to total because of multiple responses.

Table 23. Anglers and Hunters Who Purchased Licenses or Were Exempt: 2016

(Population 16 years old and older. Numbers in thousands)

0	Ang	lers	Hunter	s
Sportspersons	Number	Percent	Number	Percent
Total sportspersons				
Total license purchasers¹ Sportspersons purchasing licenses: In state of residence In other states				
Total exempt from purchasing licenses Sportspersons exempt from license purchase: In state of residence In other states				
Other ²				
Not reported				

Note: Detail does not add to total because of multiple responses and nonresponse. Respondents could have been licensed in one state and exempt in another.

Includes persons who had licenses bought for them. Does not include persons who purchased licenses and did not fish or hunt in 2011.
 Includes persons engaged in activities requiring no licenses or exemptions and those who failed to buy a license for activities requiring a license.

Table 24. Selected Characteristics of Anglers and Hunters Who Purchased Licenses: 2016

(Population 16 years old and older. Numbers in thousands)

			Ang	glers	I				Hui	nters		
Characteristic	То	tal	Purch lice	ased a	Did not a lice		То	tal	Purch lice	ased a	Did not a lice	purchase ense ²
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percen
Total persons												
Population Density of Residence Urban Rural												
Population Size of Residence Metropolitan statistical area (MSA) 1,000,000 or more												
Census Geographic Division New England Middle Atlantic East North Central West North Central. South Atlantic East South Central West South Central West South Central Mountain Pacific												
Age 16 to 17 years 18 to 24 years 25 to 34 years 35 to 44 years 45 to 54 years 55 to 64 years 65 years and older												
Sex Male Female												
Ethnicity Hispanic Non-Hispanic												
Race White Black Asian												
All others Annual Household Income Less than \$10,000 \$10,000 to \$19,999. \$20,000 to \$24,999. \$25,000 to \$29,999. \$30,000 to \$34,999. \$35,999 to \$39,999. \$40,000 to \$49,999. \$50,000 to \$74,999. \$75,000 to \$99,999. \$100,000 or more. Not reported.												
Education 11 years or less 12 years 1 to 3 years college 4 years college 5 or more years college												
Days of Participation 1 to 5 days. 6 to 10 days. 11 to 25 days. 26 days or more.												

^{*} Estimate based on a sample size of 10-29. ... Sample size too small to report data reliably.

 $^{^{1}}$ Includes persons who purchased a license in 2011 in any state. Respondents could have been licensed in one state and exempt in another. 2 Includes those persons who did not purchase a license in any state in 2011 and those who did not specify a license purchase in 2011.

Table 25. Freshwater Anglers and Days of Fishing by Type of Water: 2016

(Population 16 years old and older. Numbers in thousands. Excludes Great Lakes fishing)

Type of water	Ang	glers	Days o	f fishing
	Number	Percent	Number	Percent
Total, all types of water. Lakes, reservoirs, and ponds. Rivers and streams.				

Note: Detail does not add to total because of multiple responses and nonresponse.

Table 26. Great Lakes Anglers and Days of Fishing by Great Lake: 2016

(Population 16 years old and older. Numbers in thousands)

Const Labo	Anglers		Days of fishing		
Great Lake	Number	Percent	Number	Percent	
Total, all Great Lakes Lake Ontario, including the Niagara River. Lake Erie, including the Detroit River. Lake Huron, including St. Mary's River System. Lake Michigan. Lake Superior. Lake St. Clair, including the St. Clair River St. Lawrence River Tributaries to the Great Lakes.					

^{*} Estimate based on a sample size of 10-29. ... Sample size too small to report data reliably.

Note: Detail does not add to total because of multiple responses and nonresponse.

Table 27. Hunters and Days of Hunting on Public and Private Land by Type of Hunting: 2016

(Population 16 years old and older. Numbers in thousands)

Total, all	hunting	Big g	ame	Small	game	Migrato	ry bird	Other as	nimals
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
		•							
		Total, all hunting Number Percent							

¹ Days of hunting on public land includes both days spent solely on public land and those spent on public and private land.
² Days of hunting on private land includes both days spent solely on private land and those spent on private and public land.

Note: Detail does not add to total because of multiple responses and nonresponse.

Table 28. Hunters and Days of Hunting on Public Land by Selected Characteristic: 2016

(Population 16 years old and older. Numbers in thousands)

Characteristic		Hunters				Days of hunting				
Characteristic		Hun	ters on public la	and ¹		Day	ys on public lar	nd^2		
	Total hunters, public and private land	Number	Percent of total hunters	Percent of hunters using public land	Total days, public and private land	Number	Percent of total days	Percent of days on public land		
Total persons										
Population Density of Residence Urban										
Population Size of Residence Metropolitan statistical area (MSA) 1,000,000 or more 250,000 to 999,999 Less than 249,999. Outside MSA										
Census Geographic Division New England Middle Atlantic East North Central West North Central. South Atlantic East South Central West South Central West South Central Mountain Pacific										
Age 16 to 17 years 18 to 24 years 25 to 34 years 35 to 44 years 45 to 54 years 55 to 64 years 65 years and older										
Sex Male Female										
Ethnicity Hispanic										
Race White Black Asian All others										
Annual Household Income Less than \$10,000 \$10,000 to \$19,999. \$20,000 to \$24,999 \$25,000 to \$29,999. \$30,000 to \$34,999 \$35,000 to \$34,999 \$40,000 to \$49,999 \$50,000 to \$74,999 \$75,000 to \$99,999 \$100,000 or more Not reported										
Education 11 years or less 12 years 1 to 3 years college 4 years college 5 or more years college										

^{*} Estimate based on a sample size of 10–29. $\hspace{0.2in}$ (Z) Less than 0.5 percent.

Note: Percent of total hunters and percent of total days are based on the total hunters and total days columns for each row. Percent of hunters using public land and percent of days on public land are based on the total number of hunters on public land and total number of days on public land, respectively.

 $^{^1}$ Hunters on public land include those who hunted on both public and private land. 2 Days of hunting on public land includes both days spent solely on public land and those spent on public and private land.

Table 29. Hunters and Days of Hunting on Private Land by Selected Characteristic: 2016

(Population 16 years old and older. Numbers in thousands)

		Hur	nters			Days of	hunting	
		Hunt	ters on private	land ¹		Day	ys on private la	and ²
Characteristic	Total hunters, public and private land	Number	Percent of total hunters	Percent of hunters using private land	Total days, public and private land	Number	Percent of total days	Percent of days on private land
Total persons					,			
Population Density of Residence Urban								
Population Size of Residence Metropolitan statistical area (MSA) 1,000,000 or more 250,000 to 999,999 Less than 249,999. Outside MSA								
Census Geographic Division New England Middle Atlantic East North Central West North Central South Atlantic East South Central West South Central West South Central Mountain Pacific								
Age 16 to 17 years 18 to 24 years 25 to 34 years 35 to 44 years 45 to 54 years 55 to 64 years 65 years and older								
Sex Male Female								
Ethnicity Hispanic Non-Hispanic								
Race White								
Annual Household Income Less than \$10,000 \$10,000 to \$19,999. \$20,000 to \$24,999 \$25,000 to \$29,999. \$30,000 to \$34,999 \$35,000 to \$34,999 \$35,000 to \$39,999. \$40,000 to \$49,999 \$50,000 to \$74,999 \$75,000 to \$99,999 \$100,000 or more Not reported.								
Education 11 years or less 12 years 1 to 3 years college 4 years college 5 or more years college								

^{*} Estimate based on a sample size of 10-29. (Z) Less than 0.5 percent.

Note: Percent of total hunters and percent of total days are based on the total hunters and total days columns for each row. Percent of hunters using private land and percent of days on private land are based on the total number of hunters on private land and total number of days on private land, respectively.

 $[\]frac{1}{2}$ Hunters on private land include those who hunted on both private and public land. $\frac{1}{2}$ Days of hunting on private land includes both days spent solely on private land and those spent on private and public land.

Table 30. Anglers Fishing From Boats and Days of Participation by Type of Fishing: 2016

(Population 16 years old and older. Numbers in thousands)

Participants and days	Total, all	fishing	Freshwater, excludes Great Lakes Great Lakes Great Lakes Saltwat		Great Lakes		vater	
of fishing	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total anglers								

Note: Detail does not add to total because of multiple responses and nonresponses.

Table 31. Participation in Ice Fishing and Fly-Fishing: 2016

(Population 16 years old and older. Numbers in thousands)

Anglers and days	Number	Percent
Total anglers. Ice anglers Fly-anglers.		
Total days of fishing		

Note: Detail does not add to total because of multiple responses.

Table 32. Hunters Using Bows and Arrows, Muzzleloaders, or Other Firearms: 2016

Hunters	Number	Percent
Total hunters Hunters using bow and arrow. Hunters using muzzleloader Hunters using other firearm (e.g., shotgun, rifle)		
Total days of hunting		

Note: Detail does not add to total because of multiple responses and nonresponse.

Table 33. Hunters Preparing for Hunting by Target Shooting: 2016

(Population 16 years old and older. Numbers in thousands)

Hunters	То	tal
runters	Number	Percent
Total hunters		
Target shooting in preparation for hunting		
Used shooting ranges		
With muzzleloader		
With handgun		
With other firearm (e.g., shotgun, rifle)		
With airgun		
With bow and arrow		
With crossbow.		

^{*} Estimate based on a sample size of 10-29.

Note: Detail does not add to total because of multiple responses.

Table 34. Land Owned or Leased for the Primary Purpose of Fishing or Hunting: 2016

(Population 16 years old and older. Numbers in thousands)

Fishing and hunting	Number	Percent
LAND OWNERSHIP		
Sportspersons Owning Land		
Total sportspersons. Anglers Hunters		
Acres Owned		
Total acres owned Acres for fishing Acres for hunting.		
Expenditures for Land Owned		
Total expenditures For fishing. For hunting		
LAND LEASING		
Sportspersons Leasing Land		
Total sportspersons. Anglers Hunters		
Acres Leased		
Total acres leased. Acres for fishing Acres for hunting.		
Expenditures for Land Leased		
Total expenditures. For fishing. For hunting		

Table 35. Wildlife-Watching Participants by Type of Activity: 2016

(Population 16 years old and older. Numbers in thousands)

Activity	Number	Percent	Activity	Number	Percent
Total participants Away from home Observe wildlife Photograph wildlife Feed wildlife.			Around the home		

¹ Includes visits only to parks or publicly held areas within one mile of home.

Note: Detail does not add to total because of multiple responses.

Table 36. Participants, Area Visited, Trips, and Days of Participation in Wildlife Watching Away From Home: 2016

(Population 16 years old and older. Numbers in thousands)

Participants, area visited, trips, and days of participation	Number	Percent
PARTICIPANTS		
Total participants. Observe wildlife Photograph wildlife Feed wildlife		
AREA VISITED		
Total, all areas Public only Private only Public and private Not reported		
TRIPS		
Total trips		
DAYS		
Total days. Observing wildlife. Photographing wildlife Feeding wildlife.		
Average days per participant		

(X) Not applicable.

Table 37. Participation in Wildlife-Watching Activities Around the Home: 2016

(Population 16 years old and older. Numbers in thousands)

Activity	Number	Percent	Activity	Number	Percent
Total around the home		PHO	TOGRAPH WILDLIFE		
Observe wildlife		Parti	cipants photographing:		
Photograph wildlife			al, 1 day or more		
Feed wildlife			day		
Visit public parks or other public			2 to 3 days		
areas ¹			to 5 days		
Maintain natural areas			6 to 10 days		
Maintain plantings			1 to 20 days		
OBSERVE WILDLIFE			21 days or more		
Participants observing:					
1		FEEI	O WILDLIFE		
Total, all wildlife		Parti	cipants feeding:		
Land mammals, all		Tot	al, all wildlife		
Large mammals			Wild birds		
Small mammals			Other wildlife		
Amphibians or reptiles					
Insects or spiders		MAI	NTAIN NATURAL AREAS		
Fish or other wildlife		Parti	cipants maintaining:		
		Tot	al, all acreages		
Participants observing:			acre or less		
Total, 1 day or more			2 to 10 acres		
1 to 10 days		1	1 to 50 acres		
11 to 20 days		ľ	More than 50 acres		
21 to 50 days					
51 to 100 days		MAI	NTAIN PLANTINGS		
101 to 200 days		Parti	cipants maintaining		
201 days or more		plan	tings		
VISIT PUBLIC PARKS OR		Parti	cipants spending:		
AREAS ¹			ss than \$25		
Participants visiting:		\$25	5 to \$75		
1			ore than \$75		
Total, 1 day or more 1 to 5 days					
6 to 10 days		Avera	ge expenditure per		
11 days or more			cipant for plantings		
11 days of more					

⁽X) Not applicable.

Note: Detail does not add to total because of multiple responses and nonresponse.

 $^{^{\}rm 1}$ Includes visits only to parks or publicly held areas within 1 mile of home.

Table 38. Away-From-Home Wildlife Watchers by Wildlife Observed, Photographed, or Fed and Place: 2016

(Population 16 years old and older. Numbers in thousands)

	Total participants		Participation by place						
Wildlife observed, photographed, or fed	Total par	ncipants	Tot	al	In state of residence		In other states		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Total, all wildlife									
Total birds Songbirds (cardinals, robins, etc.) Birds of prey (hawks, eagles, etc.) Waterfowl (ducks, geese, etc.) Other water birds (shorebirds, herons, cranes, etc.) Other birds (pheasants, turkeys, road runners, etc.)									
Total land mammals									
Fish (salmon, shark, etc.)									

Note: Detail does not add to total because of multiple responses. Column showing percent of total participants is based on the "Total, all wildlife" number. Participation by place percent columns are based on the total number of participants for each type of wildlife.

Table 39. Wild Bird Observers and Days of Observation: 2016

(Population 16 years old and older. Numbers in thousands)

Observers and days of observation	Number	Percent
OBSERVERS		
Total bird observers Around-the-home observers Away-from-home observers		
DAYS		
Total days observing birds		

Table 40. Expenditures for Wildlife Watching: 2016

(Population 16 years old and older)

			Spenders	
Expenditure item	Expenditures (thousands of dollars)	Number (thousands)	Percent of wildlife-watching participants ¹	Average per spender (dollars)
Total, all items ²				
TRIP-RELATED EXPENDITURES				
Total trip-related				
Food and lodging, total				
Food				
Transportation, total				
Other trip costs, total Guide fees, pack trip or package fees. Public land use fees. Private land use fees Equipment rental Boating costs ³ Heating and cooking fuel				
EQUIPMENT AND OTHER EXPENSES				
Total				
Wildlife-watching equipment, total Binoculars, spotting scopes Cameras, video cameras, special lenses, and other photographic equipment Film and developing Bird food, total Commercially prepared and packaged wild bird food Other bulk foods used to feed wild birds Feed for other wildlife Nest boxes, bird houses, feeders, baths Day packs, carrying cases, and special clothing Other wildlife-watching equipment (such as field guides and maps)				
Auxiliary equipment, total				
Special equipment, total Off-the-road vehicle Travel or tent trailer, pickup, camper, van, motor home, house trailer, recreational vehicle (RV). Boats, boat accessories Cabins Other Magazines, books Land leasing and ownership Membership dues and contributions Plantings				

 $[\]ast$ Estimate based on a sample size of 10–29. ... Sample size too small to report data reliably. (Z) Less than 0.5 percent.

Percent of wildlife-watching participants column is based on away-from-home participants for trip-related expenditures. For equipment and other expenditures the percent of wildlife-watching participants is based on total participants.
 Information on trip-related expenditures was collected for away-from-home participants only. Equipment and other expenditures are based on information collected from both away-from-home and around-the-home participants.
 Boating costs include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel.

Note: Detail does not add to total because of multiple responses and nonresponse.

Table 41. Selected Characteristics of Participants in Wildlife-Watching Activities Away From Home: 2016

(Population 16 years old and older. Numbers in thousands)

Number Percent Number Percent who Percent Number Percent who Percent Percent who Percent Percent who Percent Percent who Percent Perce		U.S. popul	ation	Total wild	life-watching pa	articipants	Total awa	ay-from-home parti	cipants
Population Density of Residence	Characteristic	Number	Percent	Number		Percent	Number		Percen
Erban Residence	Total persons		•					·	
Foursill									
Metropolium statistical area (MSA), 1000000 nor none or no none or 1000000 nor none or 1000000 nor no none or 1000000 nor no no 1000000 nor no 1000000 nor nor no 1000000 nor nor no 1000000 nor									
Census Congraphic Division	1,000,000 or more 250,000 to 999,999 Less than 249,999.								
New England Middle Atlantic East North Central Well Morth Central Well Morth Central West South Central West South Central Monatain Pactric Age 16 to 17 years 18 to 24 years 45 to 54 years 45 to 54 years 65 years and older See While North Central 18 to 19 years 18 to 29 years 19 years 19 years or 19 years 19 years 19 years or 19 years 1	Outside MSA								
Age 18 to 24 years 25 to 34 years 35 to 44 years 45 to 54 years 55 to 64 years 55 to 64 years 55 to 64 years 65 years and older See Male, total 16 to 17 years. 18 to 24 years 25 to 34 years 35 to 44 years 25 to 34 years 35 to 44 years. 46 to 54 years 47 to 54 years 48 to 54 years 49 to 54 years 40 to 54 years 40 to 65 years and older Female, total 16 to 17 years. 17 to 67 years, 18 to 64 years. 49 to 64 years. 40 to 65 years and older Female, total 18 to 64 years. 40 to 64 years. 41 to 65 years and older Female, total 18 to 64 years. 41 to 64 years. 42 to 64 years. 43 to 64 years. 45 to 64 years. 45 to 64 years. 46 to 65 years and older Rece White Black Asian All others Annual Household Income Less than \$10,000 \$10,000 to \$19,999 \$25,000 to \$29,999 \$35,000 to \$29,999 \$35,000 to \$29,999 \$35,000 to \$29,999 \$35,000 to \$34,999 \$35,000 to \$34,999 \$35,000 to \$34,999 \$35,000 to \$99,999 \$35,000 to \$99,990 \$35,000 to \$99,990 \$35,000 to \$99,990 \$35,000 to \$99,990 \$35,00	New England Middle Atlantic East North Central West North Central South Atlantic East South Central West South Central Mountain								
16 to 17 years 18 to 24 years 25 to 34 years 45 to 54 years 55 to 64 years 65 years and older Sec Male, total 16 to 17 years. 18 to 24 years 25 to 34 years 25 to 34 years 35 to 44 years 45 to 54 years 18 to 24 years 25 to 34 years 35 to 44 years 35 to 44 years 45 to 54 years 46 years 47 to 54 years 48 to 54 years 49 to 54 years 40 to 54 years 41 to 54 years 41 to 54 years 42 to 54 years 43 to 54 years 44 to 54 years 45 to 54 years 45 to 54 years 46 years and older Ethnicity Hispanic Non-Hispanic Non-									
Male, total 16 to 17 years. 18 to 24 years 25 to 34 years. 35 to 44 years. 45 to 54 years 65 years and older Female, total 16 to 17 years. 18 to 17 years. 18 to 24 years. 25 to 34 years. 25 to 34 years. 25 to 34 years. 35 to 44 years. 45 to 54 years. 55 to 64 years. 65 years and older Female, total 16 to 17 years. 18 to 24 years. 25 to 34 years. 35 to 44 years. 45 to 54 years. 55 to 64 years. 65 years and older. Female, total 16 to 17 years. 18 to 24 years. 18 to 24 years. 18 to 24 years. 18 to 24 years. 19 to 34 years. 19 to 34 years. 10 to 34 years college. 11 years or less. 11 years or less. 11 years. 11 to 3 years college.	16 to 17 years 18 to 24 years 25 to 34 years 35 to 44 years 45 to 54 years 55 to 64 years								
16 to 17 years. 18 to 24 years 25 to 34 years. 35 to 44 years. 45 to 54 years. 55 to 64 years. 65 years and older Female, total 16 to 17 years. 18 to 24 years. 35 to 44 years. 35 to 44 years. 35 to 64 years. 55 to 64 years. 65 years and older. Ethnicity Hispanic. Non-Hispanic Non-Hispanic Non-Hispanic Non-Soperation of the properties	Sex								
Female, total 16 to 17 years. 18 to 24 years. 25 to 34 years. 35 to 44 years. 45 to 54 years. 55 to 64 years. 65 years and older. Ethnicity Hispanic Non-Hispanic Non-Hispanic White Black Asian All others Annual Household Income Less than \$10,000 \$10,000 to \$19,999 \$20,000 to \$24,999 \$25,000 to \$24,999 \$35,000 to \$34,999 \$35,000 to	16 to 17 years. 18 to 24 years 25 to 34 years. 35 to 44 years. 45 to 54 years 55 to 64 years.								
Ethnicity Hispanic Non-Hispanic Race White Black Asian All others Annual Household Income Less than \$10,000 \$10,000 to \$19,999 \$20,000 to \$24,999 \$25,000 to \$24,999 \$35,000 to \$29,999 \$35,000 to \$34,999 \$35,000 to \$34,999 \$35,000 to \$34,999 \$55,000 to \$99,999 \$50,000 to \$74,999 \$50,000 to \$74,999 \$510,000 or more Not reported. Education Il years or less 12 years 1 to 3 years college 4 years college	Female, total 16 to 17 years. 18 to 24 years. 25 to 34 years. 35 to 44 years. 45 to 54 years 55 to 64 years.								
Race White Black Asian All others Annual Household Income Less than \$10,000 \$10,000 to \$19,999 \$20,000 to \$24,999 \$25,000 to \$24,999 \$33,000 to \$34,999 \$35,000 to \$34,999 \$35,000 to \$34,999 \$40,000 to \$74,999 \$50,000 to \$74,999 \$50,000 to \$74,999 \$75,000 to \$79,999 \$100,000 or more Not reported. Elucation El years or less 12 years. 1 to 3 years college 4 years college	Ethnicity Hispanic								
White Black Asian All others Annual Household Income Less than \$10,000 \$10,000 to \$149,999 \$20,000 to \$24,999 \$25,000 to \$29,999 \$35,000 to \$34,999 \$35,000 to \$39,999 \$40,000 to \$44,999 \$50,000 to \$74,999 \$75,000 to \$99,999 \$100,000 or more Not reported. Education 11 years or less 12 years. 1 to 3 years college 4 years college	1								
Less than \$10,000 \$10,000 to \$19,999 \$20,000 to \$24,999 \$30,000 to \$34,999 \$35,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$74,999 \$75,000 to \$99,999 \$100,000 or more Not reported. Education 11 years or less 12 years. 1 to 3 years college 4 years college 4 years college	White								
\$25,000 to \$29,999. \$30,000 to \$34,999. \$35,000 to \$39,999. \$40,000 to \$49,999. \$50,000 to \$74,999. \$75,000 to \$99,999. \$100,000 or more Not reported. Education 11 years or less 12 years. 1 to 3 years college. 4 years college.									
\$40,000 to \$49,999 \$50,000 to \$74,999. \$75,000 to \$99,999 \$100,000 or more Not reported. Education 11 years or less 12 years. 1 to 3 years college 4 years college.	\$25,000 to \$29,999. \$30,000 to \$34,999								
Education 11 years or less	\$40,000 to \$49,999 \$50,000 to \$74,999 \$75,000 to \$99,999 \$100,000 or more								
11 years or less									
	11 years or less								

See footnotes at end of table.

Table 41. Selected Characteristics of Participants in Wildlife-Watching Activities Away From Home: 2016—Continued

(Population 16 years old and older. Numbers in thousands)

				Away-f	from-home partic	eipants	Away-from-home participants						
Characteristic		Observe Photograph					Feed						
	Number	Percent who participated	Percent	Number	Percent who participated	Percent	Number	Percent who participated	Percen				
Total persons													
Population Density of Residence													
Urban													
Rural													
Population Size of Residence													
Metropolitan statistical area (MSA) 1,000,000 or more													
250,000 to 999,999													
Less than 249,999													
Outside MSA													
Census Geographic Division													
New England													
Middle Atlantic													
West North Central													
South Atlantic													
East South Central													
West South Central													
MountainPacific													
Age 16 to 17 years													
18 to 24 years													
25 to 34 years													
35 to 44 years													
45 to 54 years													
65 years and older													
Sex													
Male, total													
16 to 17 years													
18 to 24 years													
25 to 34 years													
45 to 54 years													
55 to 64 years													
65 years and older													
Female, total													
16 to 17 years													
18 to 24 years													
35 to 44 years													
45 to 54 years													
55 to 64 years													
65 years and older													
Ethnicity Hispanic													
Non-Hispanic													
Race													
White													
Black													
Asian													
Annual Household Income													
Less than \$10,000													
\$10,000 to \$19,999													
\$20,000 to \$24,999													
\$25,000 to \$29,999													
\$30,000 to \$34,999													
\$40,000 to \$49,999													
\$50,000 to \$74,999													
\$75,000 to \$99,999													
\$100,000 or more													
Not reported.													
Education 11 years or less													
12 years													
1 to 3 years college													
4 years college													
5 or more years college													

st Estimate based on a sample size of 10–29. ... Sample size too small to report data reliably.

Note: Detail does not add to total because of multiple responses. Percent who participated columns show the percent of each row's population who participated in the activity named by the column. Percent columns show the percent of each column's participants who are described by the row heading.

Table 42. Selected Characteristics of Participants in Wildlife-Watching Activities Around the Home: 2016

(Population 16 years old and older. Numbers in thousands)

	U.S. population			life-watching par	ticipants	Total around-the-home participants		
Characteristic	Number	Percent	Number	Percent who participated	Percent	Number	Percent who participated	Percen
Total persons			·			·		·
Population Density of Residence Urban								
Population Size of Residence								
Metropolitan statistical area (MSA)								
1,000,000 or more								
250,000 to 999,999								
Less than 249,999								
Outside MSA								
Census Geographic Division								
New England								
Middle Atlantic								
West North Central								
South Atlantic								
East South Central								
West South Central								
Mountain								
Pacific								
Age								
16 to 17 years								
25 to 34 years								
35 to 44 years								
45 to 54 years								
55 to 64 years								
65 years and older								
Sex								
Male, total								
16 to 17 years								
18 to 24 years								
35 to 44 years								
45 to 54 years								
55 to 64 years								
65 years and older								
Female, total								
16 to 17 years								
18 to 24 years								
25 to 34 years								
45 to 54 years								
55 to 64 years								
65 years and older								
Ethnicity								
Hispanic								
Non-Hispanic								
Race								
White								
Asian								
All others								
Annual Household Income								
Less than \$10,000								
\$10,000 to \$19,999								
\$20,000 to \$24,999								
\$25,000 to \$29,999								
\$30,000 to \$34,999								
\$40,000 to \$49,999								
\$50,000 to \$74,999								
\$75,000 to \$99,999								
\$100,000 or more								
Not reported								
Education								
11 years or less								
12 years								
4 years college								
5 or more years college								

See footnotes at end of table.

Table 42. Selected Characteristics of Participants in Wildlife-Watching Activities Around the Home: 2016—Continued

(Population 16 years old and older. Numbers in thousands)

Total persons . Population Density of Residence Chester . Chester . Chester . Population Size of Residence . Meterropility statistical area (MSA) . 1.000.000 or more					Around	d-the-home partic	ipants			
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^{*} Estimate based on a sample size of 10-29

Note: Detail does not add to total because of multiple responses and nonresponse. Percent who participated columns show the percent of each row's population who participated in the activity named by the column. Percent columns show the percent of each column's participants who are described by the row heading.

Table 43. Land Owned or Leased for the Primary Purpose of Wildlife Watching: 2016

(Population 16 years of age or older. Numbers in thousands)

Wildlife watching	Number	Average per person
Participants owning land. Acres owned Expenditures for owned land		
Land Leasing for Wildlife Watching Participants leasing land Acres leased Expenditures for leased land		

^{*} Estimate based on a sample size of 10-29. (X) Not applicable.

Note: Detail does not add to total because of multiple responses and nonresponse.

Table 44. Participation of Wildlife-Watching Participants in Fishing and Hunting: 2016

(Population 16 years old and older. Numbers in thousands)

Type of fishing and hunting	Total		Away from home		Around the home	
	Number	Percent	Number	Percent	Number	Percent
Total participants Nonsportspersons Sportspersons Anglers Hunters						

Note: Detail does not add to total because of multiple responses and nonresponse.

Table 45. Participation of Sportspersons in Wildlife-Watching Activities: 2016

(Population 16 years old and older. Numbers in thousands)

Wildlife-watching activity	Sportspersons		Anglers		Hunters	
	Number	Percent	Number	Percent	Number	Percent
Total sportspersons Sportspersons who: Did not engage in wildlife-watching activities. Engaged in wildlife-watching activities Away from home. Around the home.						

Note: Detail does not add to total because of multiple responses and nonresponse.

Table 46. Total Wildlife-Related Participants and Expenditures:

(Population 16 years old and older)

<u> </u>	
Participants and expenditures	United States, total
U.S. Population	
PARTICIPANTS (thousands)	
Wildlife-related participants, total Sportspersons Fishing. Hunting Wildlife watching	
EXPENDITURES (thousands of dollars)	
Wildlife-related expenditures, total. Trip-related, total. Equipment, total Other, total.	

Table 47. Total Wildlife-Watching Days Away From Home by State Residents both Inside and Outside Their Resident State: 2016

(Population 16 years old and older. Numbers in thousands)

Wildlife-watching days away from home	Number	Percent
Total days, residents and nonresidents		
Days by residents in state of residents		
Days by residents in other states.		