

Estimated Gas Tax Revenue Generated by Motorboat Use in Montana, FY 2020

Basis for fuel usage per year	Using 1977 fuel use estimate		USCG 2012 National Recreational Boating Survey	Anecdotal usage: MOGA, FOAM, Walleye's Unlimited Representatives
	1977	2017	2017	2017
Year of boat # data	1977	2017	2017	2017
# of boats	28,000	69,370	69,370	69,370
gallons/year	150	150	669	500
Total gallons/year	4,200,000	10,405,500	46,408,530	34,685,000
% of Total gas tax revenue in FY 2020		0.0181304374498288	0.0808617510262362	0.0604347914994292
Estimated total gallons sold FY 2020		573,924,376	573,924,376	573,924,376
Estimated total revenue FY 2020	\$1,591,370	\$ 3,249,097	\$ 14,440,430	\$ 10,908,805
Estimated total revenue already dedicated to state parks, FY 2020	\$1,591,370	\$ 1,591,370	\$ 1,591,370	\$ 1,591,370
Net new revenue available for AIS FY 2020	-	\$ 1,657,727	\$ 12,849,060	\$ 9,317,435
	Current	Scenario 1	Scenario 2	Scenario 3

AIS Prevention Pass Pricing/Revenue Options

Fee Options	Residents	Nonresidents	Total Revenue
2017 Sales	185,850	178,096	
R \$2, NR \$15 (2017)	\$ 371,700	\$ 2,671,440	\$ 3,043,140
All \$2	\$ 371,700	\$ 356,192	\$ 727,892
R \$2, NR \$5	\$ 371,700	\$ 890,480	\$ 1,262,180
R \$2, NR \$7.50	\$ 371,700	\$ 1,335,720	\$ 1,707,420
R \$2, NR \$10	\$ 371,700	\$ 1,780,960	\$ 2,152,660

Requiring Nonmotorized Craft Operator to Carry AIS Prevention Pass

Possible Fee	Residents	Nonresidents	Total Revenue
\$2	33844	11012	\$89,712
\$2	72201	11012	\$166,426