

Saco River Economic Impact Calculations - How we reached the final conclusion

Commercial Fishing Fleet

			<u>Totals</u>	
	# of boats		40	
	# employees (owner/operator and deck hand)		80	
	Average catch per boat/year	\$ 200,000.00	\$ 8,000,000.00	wholesale value of catch
	Average fuel consumption/gals year	3,000	\$ 540,000.00	[\$7/lb @ 28,571 lbs pe
	Average Bait/Tackle/Provisions per boat/year	\$ 15,000.00	\$ 600,000.00	
	Ice		\$ 400,000.00	
	20% of catch to deck hands/wages	\$ 40,000.00	\$ 1,600,000.00	* not included in total
	Owner/Operator Earnings less operating costs	\$ 131,500.00	\$ 5,260,000.00	* not included in total
	Total Economic Impact		\$ 9,540,000.00	

[Not including 3 draggers, clambers, oysters]

Resources: interviews with boat owners/operators,
Marshall Alexander, Paul Laveriere, Craig Pendleton, Amy
Dumeny (DMR Financial Analyst)

Tuna Fleet

	# of boats		38	
	# employees (owner/operator and deck hand)		80	
	Average catch per boat/year	\$ 75,000.00	\$ 2,850,000.00	
	Average fuel consumption/gals year	3000	\$ 513,000.00	
	Average Bait/Tackle/Provisions per boat/year	\$ 15,000.00	\$ 475,000.00	
	Ice		\$ 75,000.00	
	15% of catch to deck hands/wages	\$ 11,250.00	\$ 427,500.00	* not included in total
	Owner/Operator Earnings less operating costs	\$ 11,612.50	\$ 464,500.00	* not included in total
	Total Economic Impact		\$ 3,913,000.00	

Resources: interviews with 12 tuna boat captains/crew,
Marshall Alexander, Paul Lariviere, Craig Pendleton, Amy
Dumeny

Fishing Charters

	# of boats		20	
	# employees (owner/operator and deck hand)		40	
	Average cost per person	\$ 350.00		
	Average # people per trip		4	
	Average # of days out	120	\$ 3,360,000.00	
	Average fuel consumption/gals year	3000	\$ 270,000.00	
	Average Bait/Tackle/Provisions per boat/year	7500	\$ 150,000.00	
	Owner/Operator Earnings less operating costs	\$ 147,000.00		
	Total Economic Impact		\$ 3,780,000.00	

Resources: Interviews with Fishing Charter captains, State
Registrations Database, Paul Lariviere

Biddeford/Saco Recreational Boat Registrations/Infrastructure

	Biddeford # of boats		778	
	Saco # of boats registered			
	# of City Owned Moorings/Annual Fees	220	\$ 27,500.00	
	Annual Maintenance Fees for Moorings	\$ 250.00	\$ 55,000.00	
	Replacement cost for moorings	1500	\$ 393,000.00	
	Marblehead Moorings	42	\$ 5,250.00	

Other Business Based Activities

	Parasailing Operation		\$ 450,000.00	
	Marine Veterinarian		\$ 100,000.00	
	Day Sails		\$ 17,000.00	
	Day Tours		\$ 15,000.00	
	Kayak Rentals		\$ 30,000.00	
	Water Taxi Services		\$ 15,000.00	
	Marine Related Businesses (boat yards, marinas, haulers, etc.)		\$ 3,358,000.00	
	Other Saco River-based Activities		\$ 3,985,000.00	

Total of all Saco River Based Activities	\$	21,218,000.00	
2.5X Multiplier Effect	\$	53,045,000.00	

University of New England

# Students in Marine Science Programs		217	
Tuition generated from Marine Science Programs	\$	5,800,000.00	
Federal Grants issued to Marine Science Programs	\$	4,000,000.00	
Federal Grants Tied to Partnership Grants	\$	27,000,000.00	
Total Economic Impact on UNE to Maine Economy	\$	738,000,000.00	
Total Impact of MSC to Maine Economy	\$	2,952,000.00	0.40%
Planned Development Projects	\$	3,000,000.00	
Anticipated Economic Impact of all MSC Related Grants - not including Partnership Grants	\$	10,000,000.00	

or boat]

