

New England Fishery Management Council 2005 Stakeholder Workshops Questionnaire

RESULTS

Number of surveys: 116

85 – Workshop attendees

31 – Advisory panel members

SECTION 1: General questions for all participants

(1) Where do you live?

	<i>n</i>	<i>%</i>
CT		6%
Hartford	1	
Middlesex	2	
New London	4	
MA		36%
Barnstable	8	
Bristol	6	
Essex	14	
Middlesex	5	
Norfolk	3	
Plymouth	4	
Suffolk	2	
ME		37%
Cumberland	12	
Hancock	10	
Knox	6	
Lincoln	2	
Penobscot	2	
Sagadahoc	3	
Washington	2	
York	6	
NH		6%
Rockingham	7	
RI		8%
Bristol	2	
Newport	1	
Washington	6	
Other		7%
Outside NE	8	

(2) How did you hear about the stakeholder workshops?*

**Workshop participants only*

Council Meeting	11%
Friend	19%
Mailing	56%
Website	5%
Other	9%

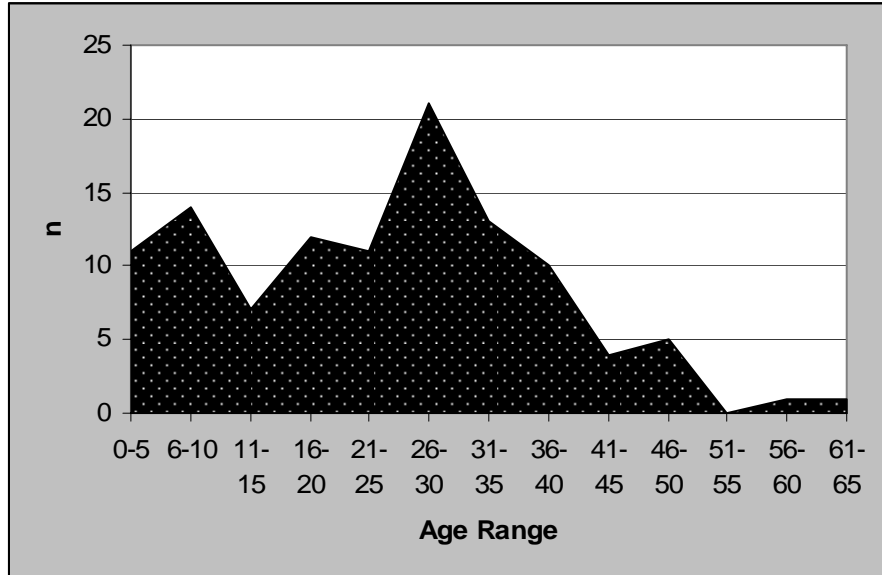
(3) What is your relationship to the fishery? (Check all that apply)

- 46 | Commercial Vessel Owner
- 7 | Commercial Vessel Crew Member
- 9 | Party/Charter Vessel Captain/Operator
- 0 | Party/Charter Vessel Crew Member
- 2 | Seafood Processor (employee)
- 5 | Seafood Dealer (employee)
- 20 | Fishing Industry Representative
- 10 | Non-governmental Organization Employee
- 18 | Seafood Consumer
- 28 | Commercial Vessel Captain/Operator
- 11 | Recreational Vessel Owner
- 3 | Seafood Processor (owner)
- 8 | Seafood Dealer (owner)
- 7 | Fisherman's Family Member (other)
- 1 | Support Services (retraining, health insurance)
- 5 | Vessel Maintenance (e.g., welding, rigging)
- 13 | Non-governmental Organization Member
- 7 | Federal or State Scientist
- 17 | Recreational Angler
- 5 | Fisherman's Spouse
- 0 | Lumper/Shoreside Labor
- 1 | Gear Supplier
- 0 | Grocery Supplier
- 4 | Fuel/Bait/Ice Supplier
- 17 | Academic (Professor, Researcher)
- 7 | Academic (Student)
- 10 | Federal or State Manager
- 6 | Other

(4) How many years have you been actively engaged in fisheries-related matters?

<i>Responses</i>	<i>Mean Years</i>	<i>Std Dev</i>	<i>Minimum</i>	<i>Maximum</i>
113	24.7	14.1	1	65

Distribution of responses:



**SECTION 2:
For vessel owners and crew**

DATA NOT YET ANALYZED

**SECTION 3:
Topical questions for all participants**

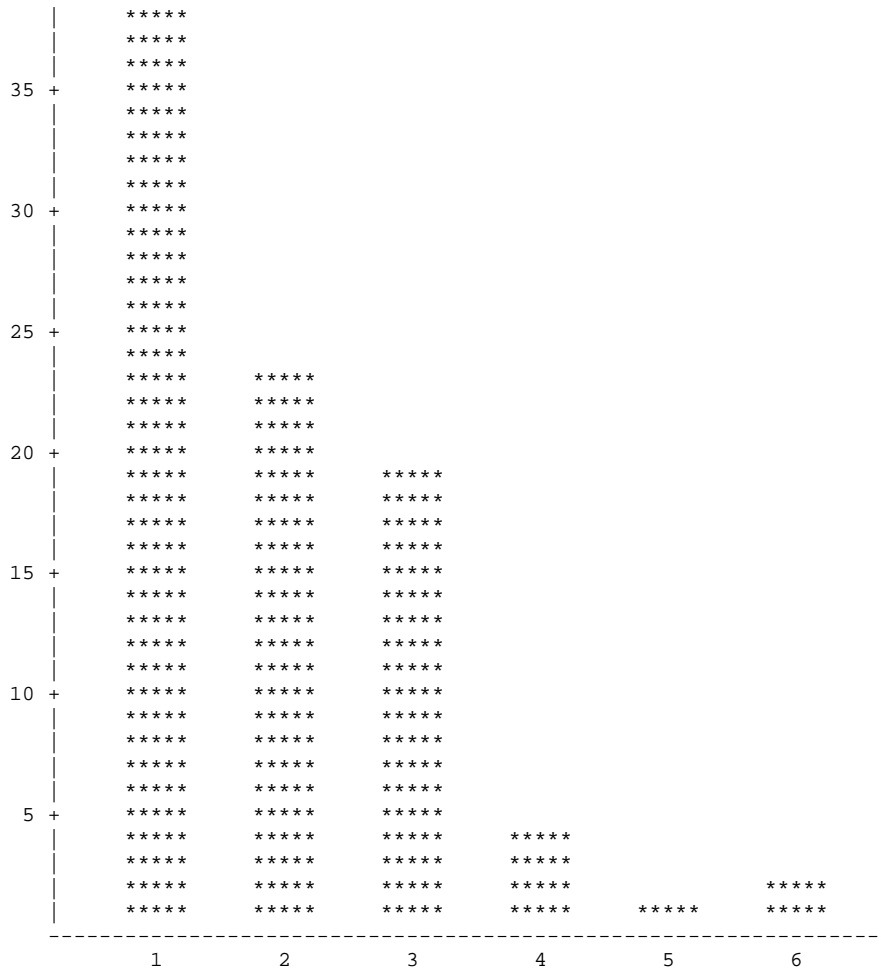
(1) Are you a member of any associations involved with fishing or fishing-related matters?

- (a) Yes** 75%
- (b) No** 25%

(1) (a) If YES, how many?

Responses	Mean Associations	Std Dev	Minimum	Maximum
87	2	1.2	1	6

Distribution of responses:



(2) How active do you consider yourself in these associations?

- (a) Very Active** 38%
 - (b) Somewhat Active** 44%
 - (c) Not Very Active** 15%
 - (d) Not Active At All** 3%
- Did Not Respond = 0

(3) How do you stay involved and/or keep informed of fisheries management issues? (Check all that apply)

81	Personal communications
96	Attend meetings
64	Council/NMFS web sites
85	Commercial Fisheries News/other fishing publications
0	I don't
63	Association newsletters
43	Web sites (not fisheries specific)
72	NMFS letters/notices
58	Newspaper/Magazine (not fisheries specific)
8	Other

(4) Are you aware of active fisheries-related organizations in your area that you are not presently involved with?

(a) Yes	75%
(b) No	16%
(c) Not Sure	9%

Did Not Respond = 5

(5) How frequently do you participate in the fisheries management process?*

**Workshop participants only*

(a) Always	33%
(b) Sometimes	27%
(c) Occassionally	27%
(d) Never	12%

Did Not Respond = 1

(6) How easy or difficult do you find participating in fisheries management decisions to be?

(a) Very Easy	9%
(b) Easy	25%
(c) Difficult	51%
(d) Very Difficult	15%

Did Not Respond = 11

(7) In your opinion, how effective is fisheries management in New England for ensuring the long-term health of the fisheries you are most directly involved with?

(a) Highly Effective	2%
(b) Effective	42%
(c) Ineffective	42%
(d) Highly Ineffective	14%

Did Not Respond = 10

(8) In your opinion, how effective is fisheries management in New England for ensuring the long-term health of the marine ecosystem?

- (a) Highly Effective 4%
 - (b) Effective 30%
 - (c) Ineffective 50%
 - (d) Highly Ineffective 16%
- Did Not Respond = 13

(9) In your opinion, would fisheries management be improved if local or regional fishing areas were defined by physical, biological or other characteristics?*

**Workshop participants only*

- (a) Yes 60%
 - (b) No 10%
 - (c) Not Sure 30%
- Did Not Respond = 2

(10) Would fisheries management be improved if these areas were each treated differently under the regulations?*

**Workshop participants only*

- (a) Yes 48%
 - (b) No 10%
 - (c) Not Sure 43%
- Did Not Respond = 3

AP(8) In your opinion, would fisheries management be improved if local areas were defined by physical, biological or other characteristics, and if these areas were treated differently under the regulations?*

***Advisory panel members only*

- (a) Yes 57%
 - (b) No 18%
 - (c) Not Sure 25%
- Did Not Respond = 3

AP(9) In your opinion, is it good to restrict fishing if the productivity of the environment decreases?*

***Advisory panel members only*

- (a) Yes 59%
 - (b) No 21%
 - (c) Not Sure 20%
- Did Not Respond = 2

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(11) Please rate the following fishery management “tools” for their effectiveness, as they are currently employed, in achieving current fishery management objectives (from 1 to 4 with 1 being highly effective and 4 being highly ineffective):

	Highly Effective			Highly Ineffective	
	1	2	3	4	n
DAS	26%	34%	20%	21%	97
HARD TACs	26%	38%	13%	24%	93
SEASONAL CLOSURES	21%	45%	21%	12%	89
MIN SIZE LIMITS	30%	35%	21%	14%	95
SPECIES QUOTAS	22%	35%	26%	16%	87
GEAR RESTRICTIONS	28%	32%	23%	17%	91
MESH SIZE/GEAR CONFIG RESTRICTIONS	39%	45%	12%	8%	89
POSSESSION LIMITS	13%	40%	23%	24%	92
LANDING LIMITS	17%	37%	22%	24%	90
YEAR ROUND CLOSURES	28%	25%	13%	34%	85
TRAP LIMITS	37%	28%	22%	12%	81
SLOT SIZE LIMITS	23%	37%	15%	25%	74
VSL SIZE AND HP RESTRICTIONS	16%	32%	28%	23%	86
ROLLER GEAR RESTRICTIONS	19%	34%	29%	18%	80
LIMITED ENTRY	34%	28%	24%	14%	88

...tools as currently employed, listed from lowest mean score (viewed as more effective) to highest mean score (viewed as less effective):

Tool	Mean
Mesh Size Limits	1.93
Trap Limits	2.10
Limited Entry	2.17
Minimum Size Limits	2.21
Seasonal Closures	2.25
Gear Restrictions	2.27
TACs	2.34
DAS	2.35
Species Quotas	2.37
Slot Size Limits	2.43
Roller Gear Restrictions	2.49
Year Round Closures	2.53
Landing Limits	2.54
Vessel size / power restrictions	2.58
Possession Limits	2.61

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(12) Assuming that they are optimally employed, please rate these “tools” for their effectiveness in contributing to the long-term health of the fishery (from 1 to 4 with 1 being highly effective and 4 being highly ineffective):

	Highly Effective			Highly Ineffective	
	1	2	3	4	n
DAS	21%	32%	24%	23%	84
HARD TACs	30%	42%	9%	20%	86
SEASONAL CLOSURES	28%	44%	17%	11%	81
MIN SIZE LIMITS	34%	34%	23%	8%	82
SPECIES QUOTAS	22%	42%	17%	18%	85
GEAR RESTRICTIONS	37%	36%	16%	11%	79
MESH SIZE/GEAR CONFIG RESTRICTIONS	36%	48%	10%	6%	80
POSSESSION LIMITS	20%	38%	26%	16%	78
LANDING LIMITS	17%	37%	29	17%	78
YEAR ROUND CLOSURES	37%	27%	13%	23%	78
TRAP LIMITS	41%	29%	20%	11%	74
SLOT SIZE LIMITS	30%	32%	21%	16%	69
VSL SIZE AND HP RESTRICTIONS	19%	29%	26%	26%	78
ROLLER GEAR RESTRICTIONS	18%	40%	28%	13%	75
LIMITED ENTRY	43%	28%	18%	11%	83

...tools if used optimally, listed from lowest mean score (viewed as more effective) to highest mean score (viewed as less effective):

Tool	Mean
Mesh Size Limits	1.81
Limited Entry	1.90
Trap Limits	1.97
Gear Restrictions	2.01
Seasonal Closures	2.09
Minimum Size Limits	2.11
Year Round Closures	2.15
Slot Size Limits	2.16
TACs	2.20
Species Quotas	2.29
Possession Limits	2.36
Roller Gear Restrictions	2.37
DAS	2.40
Landing Limits	2.41
Vessel size / power restrictions	2.55

(13) Fundamentally, do you prefer input controls (days-at-sea, gear/vessel restrictions) or output controls (quotas, landing limits) for the five fisheries you are most knowledgeable about?

MOST KNOWLEDGABLE FISHERIES:

	First	Second	Third	Fourth	Fifth	<i>n</i>
(a) Groundfish	54	18	5	4	1	82
(b) Sea Scallops	8	14	11	6	6	45
(c) Lobster	19	13	12	5	5	54
(d) Shrimp	1	4	6	7	4	22
(e) Herring	4	11	7	7	5	34
(f) Monkfish	2	10	4	5	6	27
(g) Fluke	1	4	6	4	3	18
(h) Whiting	1	1	3	2	5	12
(i) Dogfish/skates	0	1	2	6	1	10
(j) Squid/mackerel	0	3	3	4	3	13
(k) Tuna	1	4	4	5	2	16
(l) Other	6	2	4	4	1	17

INPUT OR OUTPUT CONTROLS PREFERRED:

	Prefer Input Controls	Prefer Output Controls	No Preference	<i>n</i>
(a) Groundfish	38%	50%	13%	109
(b) Sea Scallops	33%	35%	31%	54
(c) Lobster	62%	21%	16%	61
(d) Shrimp	57%	29%	14%	14
(e) Herring	48%	48%	3%	33
(f) Monkfish	50%	41%	9%	22
(g) Fluke	23%	69%	8%	13
(h) Whiting	44%	33%	22%	9
(i) Dogfish/skates	14%	71%	14%	7
(j) Squid/mackerel	50%	43%	7%	14
(k) Tuna	19%	75%	6%	16
(l) Other	9%	91%	0%	23

**(14) In your opinion, are large-scale, year round area closures:
...beneficial for fisherman?**

(a) Yes 24%
(b) No 41%
(c) Not Sure 35%
Did Not Respond = 10

...useful for protecting sensitive habitats?

(a) Yes 63%
(b) No 9%
(c) Not Sure 28%
Did Not Respond = 11

...useful for preserving biodiversity?

(a) Yes 46%
(b) No 19%
(c) Not Sure 35%
Did Not Respond = 12

**(15) Do you believe that preserving biodiversity contributes to a healthy
commercial and/or recreational fishery?**

(a) Yes 68%
(b) No 9%
(c) Not Sure 23%
Did Not Respond = 3

**(16) Do you believe that current fishery management practices negatively impact
the marine ecosystem?**

(a) Yes 59%
(b) No 26%
(c) Not Sure 15%
Did Not Respond = 6

**(17) Do you believe that non-fishing activities negatively impact the marine
ecosystem?**

(a) Yes 76%
(b) No 7%
(c) Not Sure 17%
Did Not Respond = 5

...please list the top three non-fishing activities that you believe most negatively impact your local marine ecosystem:

Non-Fishing Impact	Number of times mentioned
Pollution	46
Run-off	20
Coastal Development	18
Sewage	13
Climate Change	9
Weather	4
Recreational Boating	4
Habitat Loss	4
Dredging	4
Pollution - NPS	3
Pollution - Fertilizer	3
Eutrophication	3
Tourism	2
Shipping - Ballast Water	2
Sand Mining	2
LNG Pipeline/terminals	2
Invasive Species	2
Shipping	1
Pollution - PS	1
Pollution - Chemical	1
Pollution - Air	1
Pipelines	1
Pesticides	1
Oily discharge	1
Oil Transport	1
Oil Spills	1
Non-visionary ecosystem management	1
Nitrates	1
Military	1
Marine Mammals	1
Increasing Demands	1
Hormones	1
Genotoxins	1
Farming	1
Economics	1
Dams	1
Blueberries	1
Birds	1
Bad Data	1

(18) Can you think of examples where one fishery would benefit from changes in the management of another fishery?

- (a) Yes 82%
 - (b) No 5%
 - (c) Not Sure 13%
- Did Not Respond = 35

...feel free to provide any examples that you may think of:

Fishery to benefit	Fishery to change	Number of times mentioned
groundfish	herring	24
tuna	herring	15
groundfish	dogfish	7
scallop	groundfish	7
lobster	herring	6
lobster	striped bass	5
groundfish	lobster	4
groundfish	scallop	4
lobster	dogfish	4
dogfish	groundfish	2
herring	groundfish	2
herring	lobster	2
lobster	cod	2
lobster	groundfish	2
scallop	monkfish	2
clam	mussel	1
cod	dogfish	1
commercial	recreational	1
conch	herring	1
dogfish	herring	1
entire	cormorants	1
entire	dogfish	1
every	dogfish	1
flounder	scallop	1
fluke	dogfish	1
groundfish	anadromous	1
groundfish	monkfish	1
groundfish	squid	1
groundfish	stripped bass	1
groundfish	trawl	1
haddock	cod	1
herring	striped bass	1
herring	trawl	1
herring	tuna	1
lobster	whale	1
monkfish	dogfish	1
recreational public	NEFMC	1
scup seabass	squid	1

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striped bass	blue crab	1
striped bass	dogfish	1
striped bass	flounder	1
striped bass	fluke	1
striped bass	herring	1
striped bass	menhaden	1
trawl	gillnet	1
trawl	lobster	1
tuna	dogfish	1
weakfish	dogfish	1

...frequency of mention in each category:

Fishery to benefit from change	<i>n</i>	Fishery to be changed	<i>n</i>
groundfish	44	herring	49
lobster	20	dogfish	19
tuna	16	groundfish	17
herring	8	lobster	7
scallop	7	striped bass	7
striped bass	6	scallop	5
dogfish	3	monkfish	3
entire	2	squid	2
scallops	2	trawl	2
trawl	2	anadromous	1
clam	1	blue crab	1
cod	1	cormorants	1
commercial	1	fluke	1
conch	1	gillnet	1
every	1	menhaden	1
flounder	1	mussel	1
fluke	1	recreational	1
haddock	1	tuna	1
monkfish	1	whale	1
recreational public	1		
scup seabass	1		
weakfish	1		

(19) In your opinion, are tradeoffs between inter-connected fisheries addressed adequately in New England fisheries management?

- (a) Yes** 5%
 - (b) No** 79%
 - (c) Not Sure** 16%
- Did Not Respond = 18

(20) Please indicate if you agree or disagree with the following list of possible goals for fisheries in this region in the future:

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	<i>n</i>
Max. economic benefits to the nation	34%	33%	17%	11%	6%	101
Harvest capacity matched to resources	44%	46%	4%	5%	1%	100
Unlimited entry in any fishery	8%	3%	14%	37%	37%	99
New entrants limited to numbers exiting	17%	25%	28%	19%	10%	99
Maximum benefits to the community	38%	35%	17%	8%	2%	98
Maximum possible number of fishermen	12%	17%	27%	31%	14%	95
Maximum possible number of fishing jobs the resource can support	24%	29%	26%	12%	9%	103

(21) On a scale from 1 to 5, with 1 meaning don't trust at all and 5 meaning completely trust, please indicate how much you would trust each of the following organizations to manage marine resources.

	Don't trust at all (1)	(2)	Trust Some-what (3)	(4)	Completely Trust (5)	<i>n</i>
Federal agencies	16%	32%	33%	15%	3%	97
State agencies	11%	25%	44%	14%	5%	100
Local governments	20%	32%	32%	8%	7%	96
Independent boards made up of local interests	19%	28%	23%	20%	11%	98
Independent boards with both business and environmental interests	19%	19%	29%	20%	12%	99
Scientists	15%	19%	34%	23%	8%	99

What is your number one fishery management concern at this time?*

****Advisory Panel members only**

DATA NOT YET ANALYZED