

Appendix B. Variable Codes, Marine Recreational Fisheries Statistics Intercept Survey

KEY NO. VARIABLE DESCRIPTION

TYPE 1 RECORDS:

1	Rectype	Record Type, on ASCII files only 1=background info on fisherman 2=Type B catch (unavailable) 3=Type A catch (available) 4=group fishermen (identifies interview on which fisherman's catch is recorded) 5=socioeconomic data 6=party fisherman (identifies interview of 1st member of fishing party)
2	Surtyp	Survey Type (ASCII only) / Assignment # 1979 1=telephone survey 2=Intercept finfish survey 3=Shrimp survey 4=Spiny lobster survey 5=Dungeness crab survey 1980 2=Intercept finfish survey 1981-1986 1=Intercept finfish survey 2=Shrimp survey 3=Spiny lobster survey 1987-1988 1=Intercept finfish survey 1989-1994 (ASCII data only, in ID_CODE on SAS files) 1=first assignment 2=second assignment
	Assign	
3	Intvuer	Interviewer Number (ASCII only, in ID_CODE on SAS files) 1979-1980 First digit was a data collector code: 1=HSR, 2=SMS, 3=Clapp and Mayne, 4=Pacific States Marine Fisheries Commission
4	Year	Year of survey (last two digits)
5	Month	Month of survey, 01=January, etc.
6	Day	Day of survey (ASCII only, in ID_CODE on SAS files)

Appendix B. Continued.

KEY NO. VARIABLE DESCRIPTION

TYPE 1 RECORDS (Cont.):

7	Intnum	Interview number (begin with 1, consecutive within interviewer/site/date combination) (ASCII only, in ID_CODE on SAS files)
8	ID_CODE	Combination of variables 2 through 7 provides a unique code for each individual interview.
9	Time	Time interview conducted (2400hrs)
10	Sub_reg	Subregion Code 1=Southern California 2=Northern California 3=Oregon and Washington 4=North Atlantic (ME;NH;MA;RI;CT) 5=Mid-Atlantic (NY;NJ;DE;MD;VA) 6=South Atlantic (NC;SC;GA;EFL) 7=Gulf of Mexico (WFL;AL;MS;LA)
11	St	FIPS state code
12	Cnty	FIPS county code
13	Intsite	Interview site code - unique within states
14	Status	Completion status of interview (ASCII data only) Note: Interviews with the status codes of 3-6 are tallied but not key-entered in the data base. That is why there may be missing INTNUM's within a site/day. 1979 AG (Atlantic and Gulf coasts) and PC (Pacific coast), 1980 PC only 1=Agrees to interview (Questionnaire usable) 2=Refuses interview 3=Language barrier, etc. 4=Refuses after start, not usable 1980 AG only, 1981-1993 AG and PC 1=Questionnaire completed 2=Refused non-key item, questionnaire usable 3=Initial refusal 4=Language barrier, etc. 5=Refused key item, questionnaire not usable 1994, ME-VA 6=Refused MRFSS due to Economic add-on

Appendix B. Continued.

KEY NO. VARIABLE DESCRIPTION

TYPE 1 RECORDS (Cont.):

15	Mode_fx	<p>Collapsed fishing mode code</p> <p>1=Man-made shore 2=beach/bank 3=Shore (1 and 2 collapsed) 4=Party boat (sub_reg=6 or 7 & mode_f=6) 5=Charter boat (sub_reg=6 or 7 & mode_f=7) 6=Party/Charter boat (sub_reg=4 or 5 & mode_f=6 or 7) 7=Private/Rental Boat</p>
16	Mode_f	<p>Fishing Mode - Uncollapsed</p> <p>1=Pier, dock 2=Jetty, breakwater, breachway 3=Bridge, causeway 4=Other man-made 5=Beach or bank 6=Partyboat 7=Charter boat 8=Private/Rental boat</p> <p>Note: 1979-82 AG and PC, 1983 PC, there were 2 questions for mode: interviewer's and angler's. Mode_f contains the angler response. Interviewer's is mode_I, key no. 55.</p>
17	Area_x	<p>Collapsed area of fishing</p> <p>1=Ocean <= 3 mi (all but WFL and TX) 2=Ocean > 3 mi (all but WFL and TX) 3=Ocean <= 10 mi (WFL and TX only) 4=Ocean > 10 mi (WFL and TX only) 5=Inland 6=Unknown</p>
18	Area	<p>Uncollapsed area of fishing</p> <p>1=Ocean 2=Sound 3=River 4=Bay 5=Other 6=Don't know (DK), PC only, disc. 1986</p> <p>Estuary Codes 1985-1994</p> <p>A. Naragansett B. Buzzards C. Long Island D. Hudson/Raritan E. Delaware F. Chesapeake G. Albemarle/Pamlico H. Biscayne I. Whitewater J. Sarasota K. Tampa L. Mobile M. Atchafelaya N. San Francisco P. Puget Sound Q. Galveston R. Oceanside (MD) S. Potomac River (MD)</p> <p>Note: Other collapses into 5=Inland in area_x Note: These codes apply only to cleaned-up data sets supplied with re-estimated "new" estimates. For uncleaned data sets, codes differ from year to year.</p>

Appendix B. Continued.

KEY NO. VARIABLE DESCRIPTION

TYPE 1 RECORDS (Cont.):

19	Dist	<p>Distance from shore</p> <p>1979, 1980 PC only: 1. >3 miles, 2. <=3 miles, 3. DK, 9. Refusal (R), 1980 AG only, 1981-1994 AG and PC: 1. <= 3 miles, 2. > 3 miles, 3. >3 & <=10 miles (WFL & TX only), 4. >10 miles (WFL & TX only), 6. DK, PC only 1984-1985, 8. NA</p>
20	Prim1	Primary species sought (see NODC codes)
21	Prim2	Secondary species sought (see NODC codes)
22	Gear	<p>Primary Gear used</p> <p>1=hook & line 2=dip/A-frame net 3=cast net</p> <p>4=Gill net 5=Seine 6=Trawl</p> <p>7=Trap 8=Spear 9=Hand</p> <p>10=Other 99=R, 1979, 1980 PC only, 1989 AG</p>
23	Hrsf	<p>Hours fished (nearest 1/2 hour):</p> <p>1979 To the nearest half hour, how many hours have you spent "mode" fishing today with your gear in the water?</p> <p>1980-1982 - To the nearest half hour, how many hours have you spent "mode" fishing today? An additional question was asked about how much time the gear was actually in the water (key note 60).</p> <p>1983-1985, AG an PC, 1986 PC only - To the nearest half hour, how many hours have you spent "mode" fishing today? No prompt on time gear in the water.</p> <p>1986 AG only, 1987-1994 AG and PC. To the nearest half hour, how many hours have you spent "mode" fishing today? That is, how many hours have you actually spent with your gear in the water? 99.8=DK, 99.9=R</p>
24	Add_hrs	<p>Additional hours fishing expected. Beginning 1990?, shore mode trips only. 1979 00.0=complete trip/NA. 1980-1985 AG and PC, 1986 PC only. 1987-1994 AG and PC, 88.8=NA</p>
25	Ffdays12	<p>Not counting the survey day, the number of days fished in the last year: 998 = DK, 999=R</p>
26	Ffdays2	<p>Not counting the survey day, the number of days fished in last 2 months: 98 = DK, 99=R</p>

Appendix B. Continued.

KEY NO. VARIABLE DESCRIPTION

TYPE 1 RECORDS (Cont.):

27	Sex	<p>1979 AG & PC, 1=Male, 2=Female, 3=unknown, 9=R/not asked 1980 PC only 1981 AG through July, PC 1982 PC only 1983-1984: Not asked. 1985 PC only. 1986-1992 AG&PC, 1993-1994 PC only.</p>
28	Age	<p>1979 Ag and PC, 1980 PC only 01=<5 years 02=5-13 03=14-17 04=18-24 05=25-34 06=35-44 07=45-54 08=55-64 09=65+ 99=R 1980 AG only, 1981 AG and PC, discontinued on AG in August 1981 0=<5 years 1=5-13 2=14-17 3=18-24 4=25-34 5=35-44 6=45-54 7=55-64 8=65+ Blank/missing=R 1982-1984 Not asked. 1985 PC only, actual age coded, 98=DK, 99=R. 1986-1992 AG and PC, actual age coded. 98=DK, 99=R. 1993-1994 PC only.</p>
29	St_res	FIPS code for state of residency, special codes for other countries
30	Cnty_res	FIPS code for county of residency, 998 used for other countries
31	Reg_res	Subregion code for region of residency
32	ZIP	1988-1994 ZIP code, 99997=foreign country, 99998=DK, 99999=R
33	Pvt_res	Live in private residence 1979 AG and PC. 1980 PC, This question was combined with telefon, key note 33. 1980 AG only. 1981-1994 AG and PC. 1=Yes, 2=No, Institutional housing, 9=R.

Appendix B. Continued.

KEY NO. VARIABLE DESCRIPTION

TYPE 1 RECORDS (Cont.):

34	Telefon	<p>Does home have phone? 1979 AG and PC, 1980 PC only 1=Private residence and have home telephone 2=Private residence, but no telephone 3=Institutional housing (NA) 9=R 1980 AG only, 1981-1994 AG and PC 1=Yes, 2=no, 8=NA, 9=R</p>
35	Add_ph	<p>Phone # provided for verification 1979-1980 AG only 1981-1986 AG only, 1=Phone number provided, 2=Address provided, 3=Phone and address R. 1987-1988 AG and PC, 1=Yes, 2 = No, 9=R 1989-1994: AG and PC, 1=name and phone given, 9=R</p>
36	Catch	<p>Did you catch any fish 1979 AG and PC, 1980 PC only, 1=Yes 2=No, 1980 AG only, 1981-1994 AG and PC, 1=Yes, 2=No, 3=yes, described on other form</p>
37	F_by_p	<p>All fish caught by individual 1979 AG and PC. 1980 PC only, fishermen were asked if they could separate their catch, if not, the number of contributors. Before producing the final tape, all fish were parceled out to separate fishermen, the number of contributors was set to 0 if no catch or 1 if there was catch, the number of type 4 records was set to zero, and all type 4 records were deleted. 1980 AG only, 1=yes, 2=no, 8=NA 1981 AG through July, PC, 1=yes, 2=other contributors, 3=NA/no available catch on this form (this may have been a typo on the interview form and needs to be checked). 1981 AG Aug-Dec, 1982-1994 AG and PC, 1=Yes, 2=other contributors, 8=NA/no available catch on this form</p>
38	Sep_fish	<p>Can group catch be separated 1979 AG and PC, 1980 PC only, see F_by_p. 1980, AG only, 1981-1994 AG and PC, 1=Yes, 2=No, 8=NA/all caught by fisherman or no available catch on this form</p>

Appendix B. Continued.

KEY NO. VARIABLE DESCRIPTION

TYPE 1 RECORDS (Cont.):

39	Cntrbtrs	Number of contributors to catch, 1979 AG and PC, 1980 PC only, See F_by_p. 1980 AG only, 1980-1994 AG and PC, 88=NA/all caught by fisherman or no available catch on this form
40	Party	1991-1992 AG only, 1993-1994 AG & PC, no. people in party
41	First	1991-1992 AG only, 1993-1994 AG and PC, first person in party to be interviewed: 1=yes, 2=no
42	Num_typ2	Number of type 2 records present
43	Num_typ3	Number of type 3 records present
45	Num_typ5	Type 5 record present 1983 PC only, Type 5 records were collected, but the questionnaire does not indicate this variable was coded. 1987 AG and PC ?, 1990 South Atlantic and Gulf charter boats only, 1994 , Northeast region, waves 3-6 only: 0=No, 1=Yes
45	Gleader	1980-1994 , Group Leader. ID_CODE of the form that contains the group catch information.
46	Pleader	1991-1994 , Party Leader. ID_CODE of the first person interviewed in a party.
47	Year	Year of survey
48	Wave	Wave of survey
49	Date1	Date file created
50	Weekday	Day of the week (1=Sunday, 2=Monday, etc.)
51	Coastal	Resides in a coastal/non-coastal county according to the wave for the telephone survey. Y=yes, N=no.

Appendix B. Continued.

KEY NO. VARIABLE DESCRIPTION

TEMPORARY SPECIALIZED QUESTIONS:

- 52 Punch **1979-1989, 1993-1994** PC only, In 1981, this is not present on example questionnaire, but I believe it was asked. Washington punch card area (00 for areas other than Washington fishing). Codes are 00 to 13.
- 53 Rig Fishing near an artificial reef or oil/gas platform
1980-1981 MS, LA & TX boat mode fishing in open ocean only - fish near an oil or gas platform (within 200 feet)? 1=Yes, 2=No, 3=DK
1982-1983 Not asked. **1984-1986** Gulf only, all boat fishing. fish within 200 feet of an oil/gas platform or an artificial reef only?: 1=No, 2=near oil or gas platform, 3=near artificial reef, 8=NA
1987 NC, SC, GA, EFL, WFL, Al, MS, LA, all boat mode fishing, fish within 200 feet of an oil/gas platform or an artificial reef? 1=No, 2=near oil or gas platform, 3=near artificial reef

TYPE 1 RECORDS TEMPORARY SPECIALIZED QUESTIONS (Cont.):

- 53 Rig **1988-1988** VA to LA, **1989** Mid Atlantic, South Atlantic and Gulf, all boat mode fishing. fish within 200 feet of an oil/gas platform or an artificial reef?" 1=No, 2=near oil or gas platform, 3=near artificial reef, 88=NA **1990-1992** Mid-Atlantic, South Atlantic and Gulf. **1993-1994** NC only, Mid-Atlantic phrasing: was most of your boat fishing today within 200 feet of an artificial reef? 1=No 3=near artificial Reef. Region III, fish within 200 feet of an oil/gas platform or an artificial reef? 1=No, 2=near oil or gas platform, 3=near artificial reef, 88=NA
- 54 Lingo Language of respondent
1979 AG and PC, **1980** PC only
1=English 2=Spanish 3=French 4=Italian
5=Japanese 6=Chinese 7=Filipino 8=Korean
9=American Indian 10=Nat. Alaskan (Eskimo,Aleut)
11=Other 12=Unknown
1980 AG only, **1981** AG and PC
1=English 2=Spanish 3=Other 4=Unknown

Appendix B. Continued.

KEY NO. VARIABLE DESCRIPTION

TYPE 1 RECORDS TEMPORARY SPECIALIZED QUESTIONS (Cont.):

55	Mode_I	1979-1983 Mode of fishing estimated by the interviewer, same numeric codes used as for mode_f.
56	Site_oth	1979 AG and PC, 1980 PC only, if fished at another site in the same mode on the same day, the total number of sites fished that day. 01=No fishing at other spots.
57	Mode_oth	1980 AG only, 1981-1983 AG and PC, Any other mode fished that day? 1=Yes, 2=No.
58	Mode_sep	1980 AG only, 1981-1983 AG and PC, can catch be separated by mode? 1=Yes, 2=No, 8=NA.
59	Tot_mode	1980 AG only, 1981-1983 : If catch could not be separated, the total number of modes fished was coded. 8=NA.
60	Prim3	1979 AG and PC, 1980 PC only, up to 3 preferences coded.
61	St_water	1979-1984 AG and PC, 1985 AG only, if boat mode, angler asked in what state's waters was <i>most</i> of the effort. For shore mode, the state of intercept was entered. State FIPS codes: 98=DK, 99=R
62	Gear_no	1979 AG and PC, 1980 PC only, total units of gear used
63	Gear_H20	1980 AG only, 1981-1982 AG and PC, how much time spent with gear actually in the water? 88.8=NA
64	Ff12_oth	1979 AG and PC, 1980 PC only, fishing days in the last 12 months in <i>other</i> states.
65	Ff2_oth	1979 AG and PC, 1980 PC only, fishing days in the last 2 months in <i>other</i> states.
66	Miles	1979-1981 AG and PC, AG discontinued in August 1981, 1985 PC only, miles to get to the site from where the respondent stayed the night before, with no side trips. 0=<0.5 miles. 1986 AG and PC, 9998=DK, 9999=R.

Appendix B. Continued.

KEY NO. VARIABLE DESCRIPTION

TYPE 1 RECORDS TEMPORARY SPECIALIZED QUESTIONS (Cont.):

67	Cost	Cost of fishing that day at that site, not including gas for car. On PC a prompt was used to include gas for the boat. A prompt sheet of common expenses was shown. 1979-1980 AG and PC, 1981 PC only.
68	Tourn	1989 Boat modes only, Mid-Atlantic and Region III, 1990 Boat modes only, Region III, 1991 Region II and III, 1992 AG, in NY the Region III question was asked. 1993-1994 NC only. <u>Region II Question:</u> Were you fishing in a tournament today? If yes, was that a tournament lasting <=7 days directed at 1 or more gamefish? Gamefish include tuna, sharks, billfish, and bluefish. <u>Region III Question:</u> Were you fishing in a tournament today? If yes, was that a tournament lasting <=7 days directed at 1 or more gamefish? Gamefish include king mackerel, Spanish mackerel, dolphin, tuna, sharks, wahoo, and billfish. Codes: 1=Yes, 2=No, 8=DK, 9=R.
69	Seals	1989 PC only, see any seals or sea lions in the immediate vicinity of your fishing gear? 1=Yes 2=No
70	Few_fish	1989 PC only, opinion, did presence of seals or sea lions cause you to catch fewer fish today? 1=Yes, 2=No, 3=DK
71	Rem_fish	1989: PC only, Did those seals remove or damage a fish while it was on/in your gear? 1=Yes, 2=No, 3=DK
72	NYreefhr	1990-1992 New York boat modes only, Number of hours fished on 8 NY managed artificial reefs, map used. 88.8=NA, 99.9=R.
73	Turtle	Sea turtle sightings, 1989-90 NC only, 1=yes, 2=no, 1991-1992 AG only, 1993-1994 NC only, 1=yes, alive 2=yes, dead, 3=no

Appendix B. Continued.

KEY NO. VARIABLE DESCRIPTION

TYPE 1 RECORDS TEMPORARY SPECIALIZED QUESTIONS (Cont.):

74	Area_NC	<p>Alpha/numeric codes for water bodies in North Carolina, 1988-1994</p> <p>6=Alligator River 7=Bay River 8=Cape Fear River A=Chowan River B=Lockwood Folly River C=Neuse River D=New River E=Newport River F=North River - Carteret County G=North River - Currituck River H=Pasquotank River J=Perquimans River K=Roanoke River L=Shalotte River M=Tar-Pamlico River N=White Oak River P=Albemarle Sound Q=Bogue Sound R=Core Sound S=Croatan Sound T=Currituck Sound U=Masonboro Sound V=Pamlico Sound W=Roanoke Sound X=Stump Sound Y=Topsail Sound Z=Intracoastal Waterway</p>
75	Blength	Boat length in feet, 1991-1994 North Carolina only
76	Disto	1992 AG only, 1993-1994 NC only. Other fishing area opposite from primary fishing area, 1=sound/river/bay, 2=Ocean, 3=no, 4=DK
77	Mass	1992 Region II - MA, ME, NH only 1=Gulf of Maine, 2=Georges Bank, 3=no/NA
78	Cnt_elg	1993-1994 PC only, Number of eligible anglers not interviewed, on last interview record for a day and site.

Appendix B. Continued.

KEY NO. VARIABLE DESCRIPTION

TYPE 2 AND 3 RECORDS:

79	Sp_code	NODC species code
80	Dispo/ Disp3	Disposition of fish, 1979-1987 Type 2 record only, 1988-1994 Type 2 and 3 records, Dispo on type 2 and Disp3 on type 3 records. Note: More than one disposition code per species is allowed on type 2 records; for type 3 only 1 disposition code is allowed and applies to the <u>majority</u> of fish caught. 1=thrown back alive/legal 2=thrown back alive/not legal/legality refused (begun 1991) 3=eaten/plan to eat 4=used for bait/plan to use for bait 5=sold/plan to sell 6=thrown back dead/plan to throw away 7=some other purpose (specify) 8=DK (type 3 record only) 9=R (type 3 record only) Note: These codes apply only to cleaned-up data sets supplied with re-estimated "new" estimates. For uncleaned data sets, codes are different form year to year.
81	Num_fish	Number of fish - B1 type catch, dead but not seen and identified by interviewers, and B2 type catch, released alive, are on type 2 records. B1 vs B2 is determined by the disposition code "dispo". This variable is additive across records
	Fshinsp	A type catch, seen & identified by interviewers, on type 3 records. This variable is repeated on every record for a species and is not additive.
82	Length	Type 3 records only: AG - Fork length (mm), 999.9 = missing, PC - varied
83	Wgt	Type 3 records only: AG, Weight to nearest 0.1 kg, 999.9=missing; PC, to nearest 0.01 kg, 999.99=missing
84	Calc_wt	Type 3 records only. 1993-1994 PC only, indicates whether the weight is calculated from weight-length regressions or measured.

Appendix B. Continued.

KEY NO.	VARIABLE	DESCRIPTION
Type 5 Records		1983 PC only, Questions listed in the order asked.
85	Days	"How many days are you spending away from home on current trip?" If one day go to Miles_R. More than one day, go to Purpose.
86	Purpose	"Do you have other important purposes for this trip away from home than fishing and fishing-related activities? (Such as visiting relatives or attending a business meeting) 1=yes, go to Miles_S, 2=no, go to Miles_R.
87	Miles_S	How many miles is it from the place you stayed last night to this fishing site? 9998=DK, 9999=R. go to Car_Pass
88	Miles_R	How many miles is it from your home to this fishing site? 9998=DK, 9999=R.
89	Car_Pass	If you traveled by car today to this fishing site, how many people came with you in the car?
90	Employed	What is your current employment status? 1=employed, 2=retired, 3=other.
Type 5 Records		1987 AG and PC
86	Purpose	What was primary purpose of trip away from home? For fishing or for some other activity? 1=For fishing, go to Miles_R., 2=Other than fishing, go to Miles_S.
88	Miles_R	If primary purpose was for fishing, to the nearest mile, how many one-way miles was it from your residence to this fishing site? 9998=don't know, 9999=refusal. Go to Trip_Day.
87	Miles_S	If primary purpose was for other than fishing, to the nearest mile, how many one-way miles was it from where you stayed last night to this fishing site? 9998=DK, 9999=R.
85	Days	Including today, how many days make up your fishing trip? 98=DK, 99=R.
91	Zip	What is the zip code of your residence? 99998=DK, 99999=refusal 1990 AG only, 1991 South Atlantic and Gulf charterboats only. Questions listed in the order asked.

Appendix B. Continued.

KEY NO.	VARIABLE	DESCRIPTION
Type 5 Records (Cont.)		1987 AG and PC
92	Cnty_12	Of the "X" trips you reported taking in this state in the past 12 months, how many were taken in this county?
93	Targ_12	How many of those trips did you target for "First Species Preference"/no particular species?
94	Cnty_2	Of the "X" trips you reported taking in this state in the past 2 months, how many were taken in this county?
95	Targ_2	How many of those trips did you target for "First Species Preference"/no particular species?
90	Employed	Are you currently employed? 1=Yes, 2=No
96	Wagelost	Are you giving up wages to take this trip? 1=Yes 2=No Note: If person is away from primary residence more than 30 days, the local home should be used for the following questions.
86	Purpose	What was primary purpose of trip away from home? For fishing or for some other activity? 1=For fishing, 2=Other than fishing
97	Day_trip	Is this a day trip for you, or will you be spending at least one night away from home? 1=day trip, end of questions. 2=spending at least one night, continue with next two questions.
85	Days	How many total days will the trip last?
98	Fish_day	How many days will involve fishing?

Appendix B. Continued.

KEY NO.	VARIABLE	DESCRIPTION
Type 5 Records		1994 AG, Northeast Region only. Questions listed in the order asked.
97	Day_trip	Are you on a one-day fishing trip or was this day of fishing part of a longer trip in which you plan to spend at least one night away from your residence? 1=day trip, go to Timesite, 2=spending at least one night, continue with next questions, 8=DK, 9=R.
85	Days	How many days will you be away from your residence on this trip? 88=DK, 99=R.
98	Fish_day	How many days of this trip will be spent fishing? 888=DK, 99=refused.
99	Lodexp	How much did you, personally, pay for lodging on this trip? 888=DK, 999=R.
100	Timetrav	How long did it take you to travel one-way from your residence to those lodgings? 888=DK, 999=R.
86	Purpose	Would you have made this trip if you did not go fishing? 1=Yes, 2=No, 8=DK, 9=R.
101	Timesite	How long did it take you to travel from where you stayed last night to the fishing or boat site? 888=DK, 999=R.
102	Timeboat	Boat modes only. How long did it take you to travel from the boat launch site to the first fishing site? 888=DK, 999=R.
103	Travexp	How much did you, personally, spend to travel from your residence to the fishing or boat launch site (one-way)? Please consider expenditures on travel fares, gas, tolls, ferry and parking fees. 8888=DK, 9999=R.
104	Followup	I appreciate your time for this interview. There is another part to this survey that involves a follow-up by telephone. Would you be willing to participate in that follow-up survey? 1=Yes, 8=DK, 9=R. Note: The followup interview is recorded on record type 7.

Appendix B. Continued.

KEY NO.	VARIABLE	DESCRIPTION
Type 7 Records		
1994 AG, Northeast Region only. Questions listed in the order asked.		
105	Targ_gen	Counting the day you were interviewed you stated that you fished _____ days within the past 2 months (Q.19. MRFSS). On how many days did you target bluefish, striped bass, black sea bass, summer flounder, Atlantic cod, tautog or scup (substitute weakfish for scup in the Mid-Atlantic). 888=DK, 999=R.
106	Targ_sp	On the day you were interviewed you stated that you targeted _____ on that trip (Q.14. MRFSS). On how many days within the past 2 months did you target _____ (insert species). 888=DK, 999=R.
107	Visit	On how many days within past 2 months did you fish at the site where the interview took place? 88=DK, 99=R.
108	Targ_ste	On how many of those days (fished at site where interview took place) did you target _____ (Q.2., target species). 88=DK, 99=R.
109	Ovtrip	How many overnight trips did you take during the past 2 months? 88=DK, 99=R.
110	Pref1	What would you say is the main reason why you chose to fish at that site where you were interviewed? 1=I always go there, 2= Better catch rates (access to species), 3=Convenient, 4=Less Congestion, 5=Weather or Water Conditions, 6=Scenic Beauty at the Site, 7=Access to pier, jetty, bridge, beach/bank, 8=Boat Ramp (Quality of or existence of), 9=Pre-paid Access Fee, 10=Other, 88=DK, 99=R.
111	Pref2	Same as PREF1; allows for multiple responses.
112	Pref3	Same as PREF1; allows for multiple responses.
113	Boatfee	(If mode is party/charter or rental boat) How much did you, <u>personally</u> , spend on boat fees for that trip? 888=DK, 999=R.
114	Yrsfish	How many years have you been SW sportfishing? 88=DK, 99=R.

Appendix B. Continued.

KEY NO.	VARIABLE	DESCRIPTION
Type 7 Records (Cont.)		1994
115	Fishrank	Compared to your other outdoor recreation activities during the last two months (such as swimming, tennis, golf, etc.), would you rate fishing as: 1= Your Most Important Outdoor Activity, 2=Your Second Most Important Outdoor Activity, 3=Only One Of Many Outdoor Activities, 8=DK, 9=R.
116-123	Yfish_A - Yfish_H	<p>People have many different reasons why they like to go saltwater fishing. Please tell me whether each of the following items I state is not important, somewhat important, or very important. 1=Not important, 2=Somewhat important, 3=Very important, 4=DK, 5=R.</p> <p>A. To spend quality time with friends and family B. To enjoy nature and the outdoors C. To catch fish to eat D. To experience the excitement or challenge of sport fishing E. To be alone F. To relax and escape from my daily routine G. To fish in a tournament or when citations are available H. Other (specify)</p>
124-127	Mgt_A - Mgt_D	<p>Consider the species for which you typically fish and indicate whether you support or oppose the following conservation measures used to restrict total catch. Do you support or oppose ____ 1=Support, 2=Oppose, 8=DK, 9=R.</p> <p>A. limits on the minimum size of fish you can keep B. limits on the number of fish you can keep C. limits on the times of the year when you can keep the fish you catch D. limits on the areas you can fish</p>
128	Version	Record version (1-4) of survey asked of respondent.
129	Order	Order in which questions 12 and 13 are asked. 1=Q.12 asked first, 2=Q.13 asked first. Order of questions is varied to control for order bias in contingent valuation.

Appendix B. Continued.

KEY NO. VARIABLE DESCRIPTION

Type 7 Records (Cont.) 1994

130	Wtp_sb	The current daily bag limit for striped bass in (ENTER STATE) ____ is (ENTER STATE BAG LIMIT) ____ fish. [Current limit is 1 in ME, CT, MA, MD, NJ, RI, NH, DE, and NY; limit is 2 for MD charter boats and all VA]. Suppose you could choose to buy a special license that would increase your daily bag limit from (ENTER STATE BAG LIMIT) ____ to (ENTER STATE BAG LIMIT + 1) ____ fish. If you chose not to buy the license, your daily bag limit would still be (ENTER STATE BAG LIMIT) ____ fish. What would be the maximum amount of money you would be willing to pay for this special license? 888=DK, 999=R.
131	Y_sb	(If respondent answers \$0 to Q.12.) Which of the following statements best describes why you feel the way you do? 1=You don't fish for striped bass, 2=You already keep all the fish you care to, 3=You don't want to pay any more to fish than you do now, 4=You don't know how much a one fish change is worth to you, 5=Other (describe), 8=DK, 9=R.
132	Wtp_bf	The current daily bag limit for bluefish in (ENTER STATE) ____ is 10 fish. In the future it may be necessary to decrease the bag limit from 10 fish to 8 (6, 4, 2) fish. Suppose you could choose to buy a special license that would allow you to maintain the current bag limit of 10 fish. If you chose not to buy the license, your daily bag limit would be 8 (6, 4, 2) fish. What would be the maximum amount of money you would be willing to pay for this special license? 888=DK, 999=R. [Question is not asked of NJ residents, where current limit is 0.]
133	Y_bf	(If respondent answers \$0 to Q.13.) Which of the following statements best describes why you feel the way you do? 1=You don't fish for bluefish, 2=You already keep all the fish you care to, 3=You don't want to pay any more to fish than you do now, 4=You don't know how much a 2 (4, 6, 8) fish change in the bag limit is worth to you, 5=Other (describe), 8=DK, 9=R.
134	Boatown	Do you or does anyone living in your household own a boat that is ever used for recreational saltwater fishing? 1=Yes, 2=No, 8=DK, 9=R.

Appendix B. Continued.

KEY NO.	VARIABLE	DESCRIPTION
Type 7 Records (Cont.)		1994
135	Length	What is the length of the boat? (If more than one boat, ask about primary fishing boat.) 1=Less than 10 feet, 2=10 to 14 feet, 3=15 to 19 feet, 4=20 to 24 feet, 5=25 to 29 feet, 6=30 to 39 feet, 7=40 feet or more, 8=DK, 9=R.
136	Ethnic	Would you describe yourself as white, black, hispanic, asian or of some other racial or ethnic origin? 1=White, 2=Black, 3=Hispanic, 4=Asian, 5=Other (specify), 8=DK, 9=R.
137	Age	How old were you on your last birthday? (If respondent hesitates, quickly go to Q.17a.) 777= Hesitates, 888=DK, 999=R.
138	Agegrp	That is, in which of the following age groups do you belong: 1=16 to 25, 2=25 to 34, 3=35 to 44, 4=45 to 54, 5=55 to 64, 6=65 and older, 8=DK, 9=R.
139	Gender	Code Gender. 1=Male, 2=Female.
140	Hhsize	Including yourself, how many people reside in your household? 88=DK, 99=R.
141	Educ	What was the last grade of formal education you completed? 1=Less than high school degree, 2=High school grad., 3=Vocational/community college, 4=Some college, 5=College grad., 6=Post-grad./prof. degree, 8=DK, 9=R.
142	Employed	Are you employed outside the home? 1=Yes, 2=No, 8=DK, 9=R.
143	Nowork	Are you currently 1) not employed as a result of your own choice, 2) retired, 3) unemployed but looking for work, 8=DK, 9=R.
144	Selfemp	And are you self-employed? 1=Yes, 2=No, 8=DK, 9=R.
145	Wagepymt	Do you work for an hourly wage or a salary? 1=Hourly Wage, 2=Salary, 3=Commission only, 5=Other (Specify), 8=DK, 9=R.

Appendix B. Continued.

KEY NO.	VARIABLE	DESCRIPTION
Type 7 Records (Cont.)		1994
146	Hrs_week	How many hours a week do you usually work? 888=DK, 999=R.
147	Flexhr	Can you choose to work more or fewer hours a week? 1=Yes, 2=No, 8=DK, 9=R.
148	Paidvac	During this fishing trip were you on a paid vacation? 1=Yes, 2=No, 8=DK, 9=R.
149	Wagelost	Did you forgo any wages by taking this trip? 1=Yes, 2=No, 8=DK, 9=Refused.
150	Inclost	About how much money could you have earned if you hadn't taken this trip? 8888=DK, 9999=R.
151	Hhinc	Into what income category does your total annual household income fall? Is is less than \$15000, \$15000 to \$30000, \$30000 to \$45000, \$45000 to \$60000, \$60000 to \$85000, \$85000 to \$110000, \$110000 to \$135000, \$135000 to \$160000, or greater than \$160000. 1=Less than \$15,000, 2=\$15,001 to 30,000, 3=\$30,001 to \$45,000, 4=\$45,001 to \$60,000, 5=\$60,001 to \$85,000, 6=\$85,001 to \$110,000, 7=\$110,001 to \$135,000, 8=\$135,001 to \$165,000, 9=greater than \$165,000, 88=DK, 99=R.